

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069752.D
 Acq On : 4 Dec 2021 6:29
 Operator : JC/MD
 Sample : M4922-18MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20211130MS

Quant Time: Dec 04 07:09:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	1075873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1781677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1671426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	736755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	784608	47.233	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.460%		
35) Dibromofluoromethane	8.021	113	550041	49.287	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.580%		
50) Toluene-d8	10.440	98	2147831	47.931	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.860%		
62) 4-Bromofluorobenzene	12.731	95	782681	48.212	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	625548	49.851	ug/l	99
3) Chloromethane	2.303	50	729577	46.408	ug/l	100
4) Vinyl Chloride	2.448	62	697468	48.250	ug/l	100
5) Bromomethane	2.853	94	282755	36.004	ug/l	96
6) Chloroethane	3.019	64	414420	46.784	ug/l	97
7) Trichlorofluoromethane	3.379	101	910447	47.989	ug/l	97
8) Diethyl Ether	3.824	74	356307	48.763	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	547943	51.523	ug/l	96
10) Methyl Iodide	4.419	142	488992	33.657	ug/l	97
11) Tert butyl alcohol	5.377	59	564973	179.929	ug/l	100
12) 1,1-Dichloroethene	4.183	96	520392	50.779	ug/l	90
13) Acrolein	4.041	56	400457	149.761	ug/l	100
14) Allyl chloride	4.840	41	1090586	47.227	ug/l	94
15) Acrylonitrile	5.554	53	1866693	220.621	ug/l	99
16) Acetone	4.285	43	1704688	170.596	ug/l	95
17) Carbon Disulfide	4.529	76	1337972	50.535	ug/l	98
18) Methyl Acetate	4.854	43	1165217	38.632	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1921171	48.213	ug/l	96
20) Methylene Chloride	5.092	84	607029	45.696	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	540305	48.540	ug/l	86
22) Diisopropyl ether	6.495	45	2251374	49.880	ug/l	94
23) Vinyl Acetate	6.433	43	8087812	220.251	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1170025	50.042	ug/l	98
25) 2-Butanone	7.335	43	2719417	200.296	ug/l	91
26) 2,2-Dichloropropane	7.327	77	726014	39.937	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	671152	49.906	ug/l	88
28) Bromochloromethane	7.656	49	600719	49.408	ug/l #	80
29) Tetrahydrofuran	7.683	42	1810351	219.589	ug/l	88
30) Chloroform	7.817	83	1170474	49.568	ug/l	99
31) Cyclohexane	8.094	56	1106258	47.854	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	997806	49.608	ug/l	95
36) 1,1-Dichloropropene	8.222	75	852105	50.239	ug/l	96
37) Ethyl Acetate	7.412	43	990349	39.231	ug/l	95
38) Carbon Tetrachloride	8.204	117	862546	51.860	ug/l	100
39) Methylcyclohexane	9.459	83	994985	49.318	ug/l	88
40) Benzene	8.458	78	2545667	49.103	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	563505	47.551	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	1021104	48.791	ug/l	96
43) Isopropyl Acetate	8.560	43	1677001	44.891	ug/l #	93
44) Trichloroethene	9.215	130	2728389	220.495	ug/l	92
45) 1,2-Dichloropropane	9.488	63	690830	49.622	ug/l	99
46) Dibromomethane	9.577	93	449553	49.237	ug/l	92
47) Bromodichloromethane	9.762	83	876407	50.697	ug/l	99
48) Methyl methacrylate	9.558	41	816569	46.838	ug/l	89
49) 1,4-Dioxane	9.569	88	240549	768.978	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	5596418	230.925	ug/l	95
52) Toluene	10.505	92	1565963	49.476	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	906616	43.955	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	980048	45.110	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	626909	49.090	ug/l	98
56) Ethyl methacrylate	10.759	69	1046700	43.738	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1101963	49.006	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.060	63	626	18.478	ug/l #	45
59) 2-Hexanone	11.084	43	3969561	216.527	ug/l	93
60) Dibromochloromethane	11.237	129	623171	45.755	ug/l	99
61) 1,2-Dibromoethane	11.344	107	640200	48.400	ug/l	100
64) Tetrachloroethene	10.977	164	505504	44.603	ug/l	93
65) Chlorobenzene	11.768	112	1648619	48.620	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	599172	50.204	ug/l	100
67) Ethyl Benzene	11.843	91	3088225	50.139	ug/l	96
68) m/p-Xylenes	11.953	106	2271547	101.288	ug/l	92
69) o-Xylene	12.277	106	1122746	49.701	ug/l	91
70) Styrene	12.294	104	1829725	51.080	ug/l	96
71) Bromoform	12.457	173	449982	44.406	ug/l #	100
73) Isopropylbenzene	12.578	105	2971095	45.325	ug/l	98
74) N-amyl acetate	12.387	43	1152549	39.758	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	984710	43.442	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	819588m	38.791	ug/l	
77) Bromobenzene	12.859	156	677137	43.979	ug/l	79
78) n-propylbenzene	12.918	91	3403875	46.665	ug/l	97
79) 2-Chlorotoluene	13.007	91	2092666	45.403	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2425213	45.966	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	239845	38.196	ug/l	92
82) 4-Chlorotoluene	13.104	91	2000666	46.156	ug/l	93
83) tert-Butylbenzene	13.323	119	2125084	45.488	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2382588	47.418	ug/l	98
85) sec-Butylbenzene	13.500	105	2921375	46.101	ug/l	98
86) p-Isopropyltoluene	13.616	119	2337224	47.186	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1171259	46.305	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1133659	45.606	ug/l	97
89) n-Butylbenzene	13.943	91	1864642	46.407	ug/l	98
90) Hexachloroethane	14.209	117	399045	45.886	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	1138339	46.188	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	174410	42.580	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	488451	40.961	ug/l	98
94) Hexachlorobutadiene	15.367	225	274018	41.952	ug/l	99
95) Naphthalene	15.504	128	1288507	36.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	471719	40.527	ug/l	98

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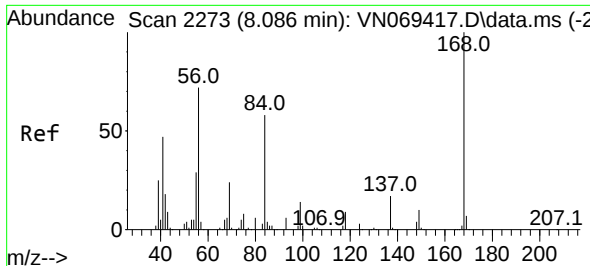
Manual Integrations
APPROVED

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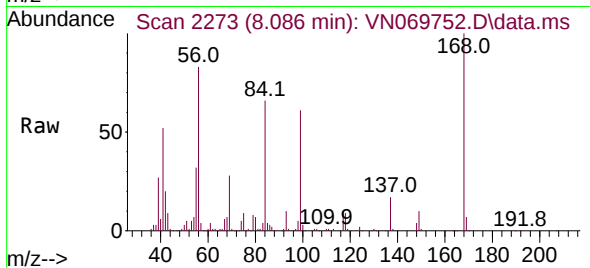
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069752.D
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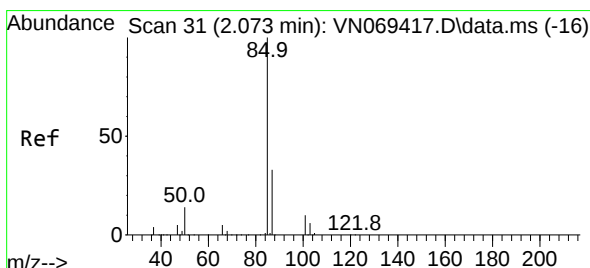
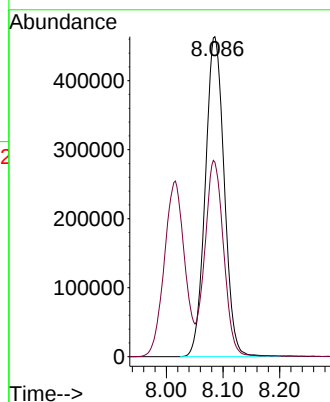
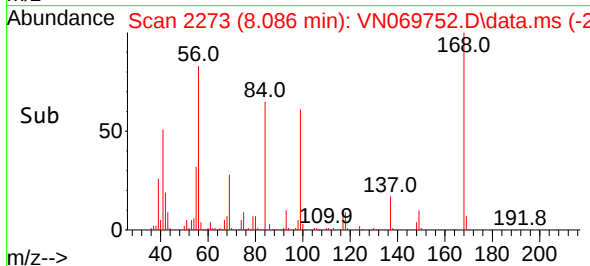
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Tgt Ion:168 Resp: 107587
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

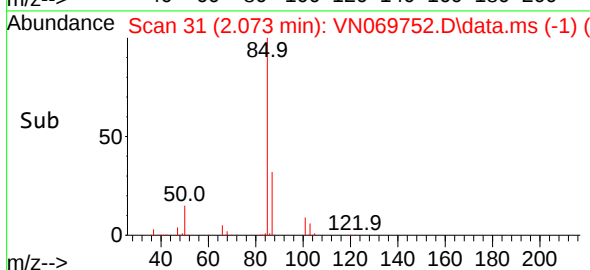
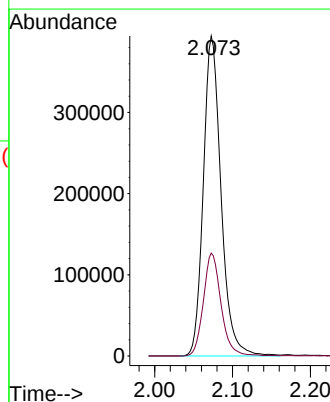
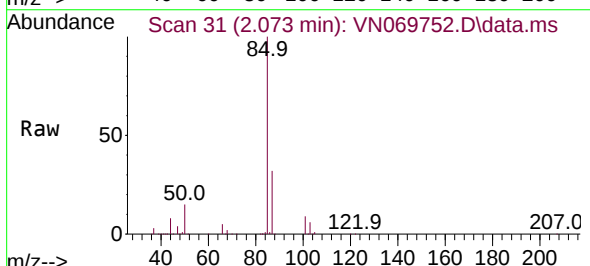
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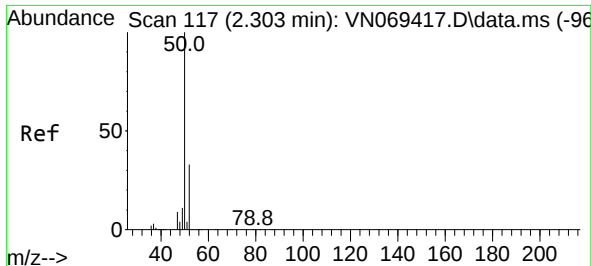
Reviewed By :John Carlone 12/04/2021
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#2
Dichlorodifluoromethane
Concen: 49.851 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

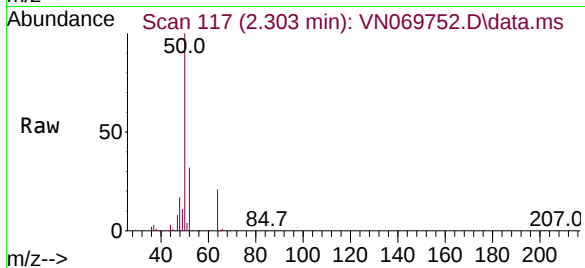
Tgt Ion: 85 Resp: 625548
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 46.408 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

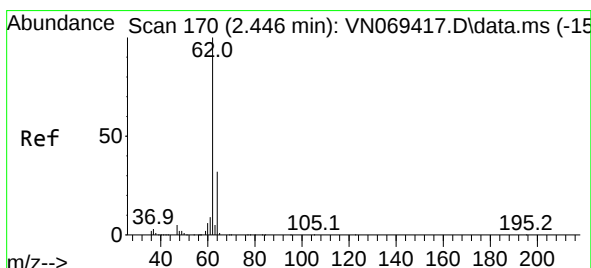
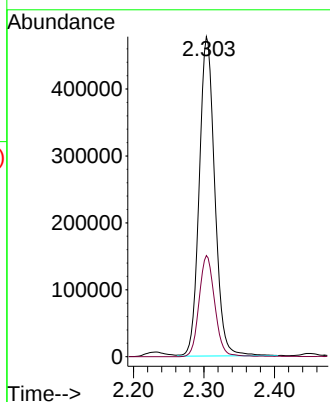
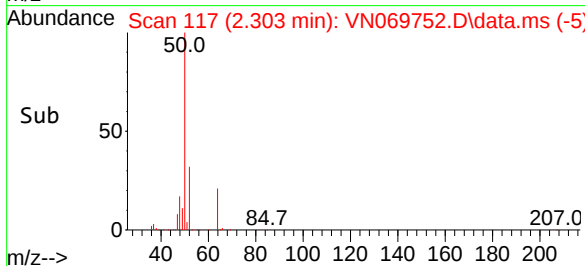
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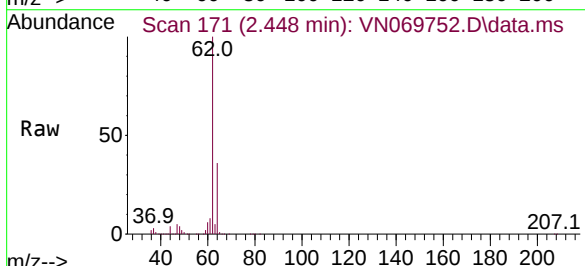
Tgt Ion: 50 Resp: 72957
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

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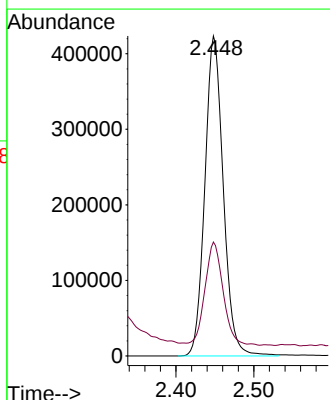
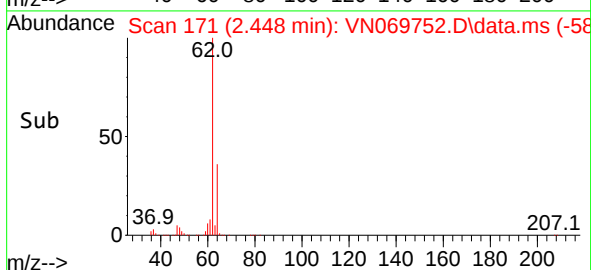
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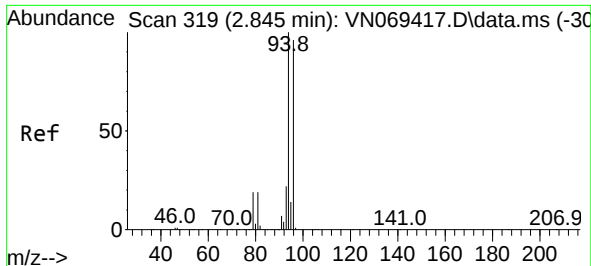


#4
Vinyl Chloride
Concen: 48.250 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



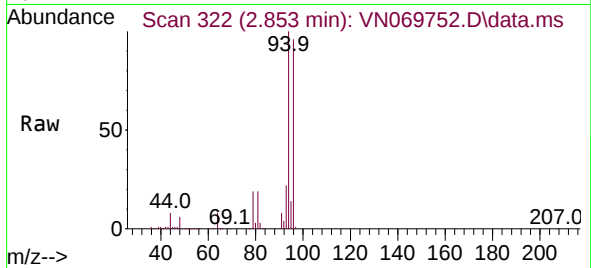
Tgt Ion: 62 Resp: 697468
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 36.004 ug/l
RT: 2.853 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

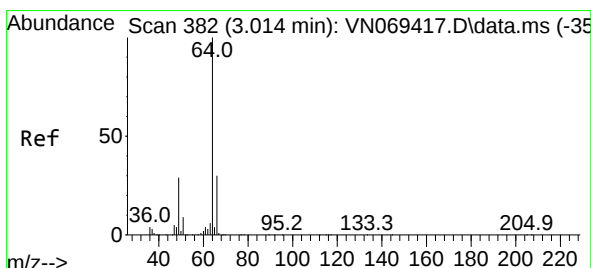
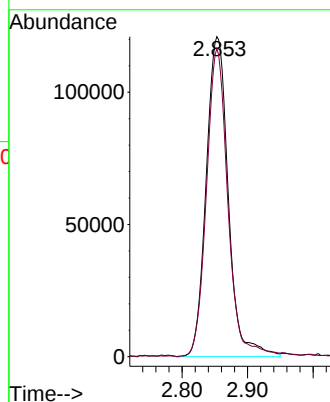
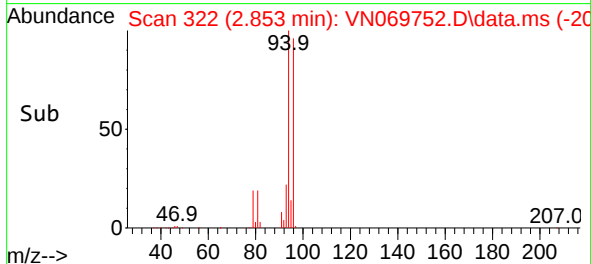
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Tgt Ion: 94 Resp: 28275
Ion Ratio Lower Upper
94 100
96 96.1 73.8 110.8

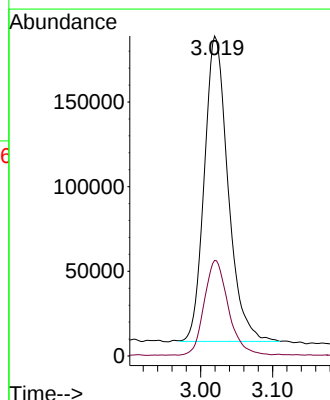
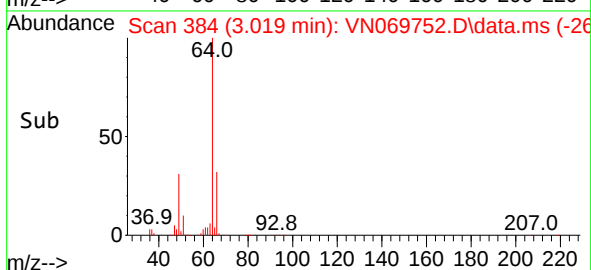
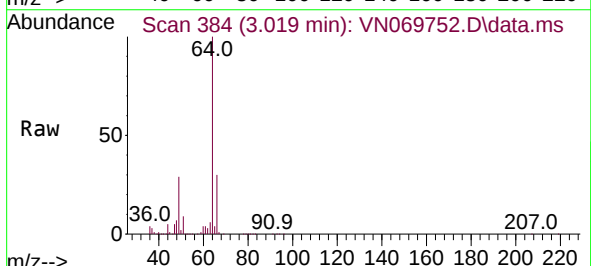
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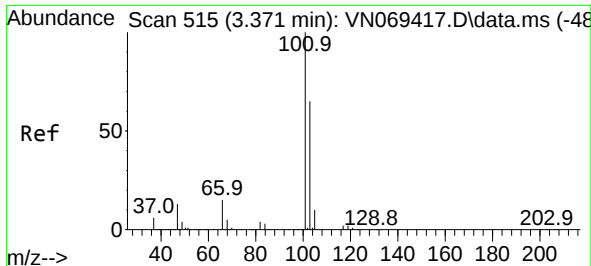
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#6
Chloroethane
Concen: 46.784 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN069752.D
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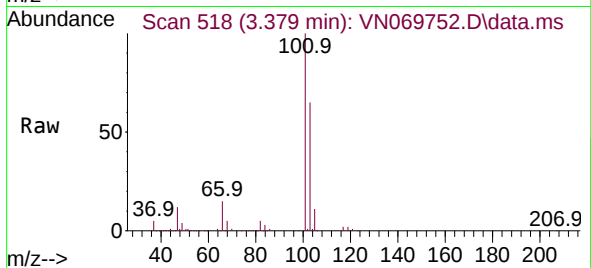
Tgt Ion: 64 Resp: 414420
Ion Ratio Lower Upper
64 100
66 31.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 47.989 ug/l
RT: 3.379 min Scan# 515
Delta R.T. 0.011 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

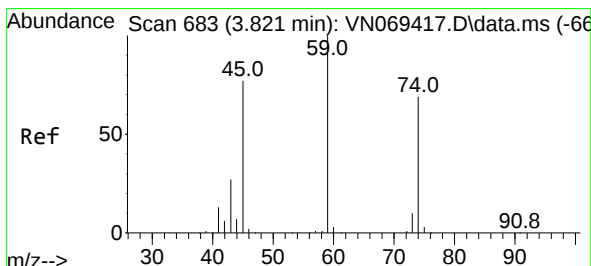
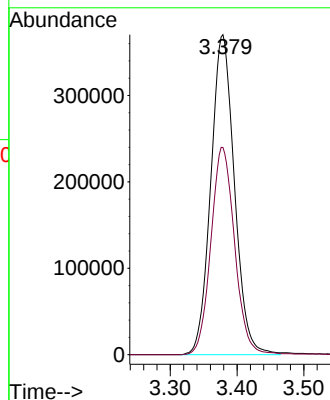
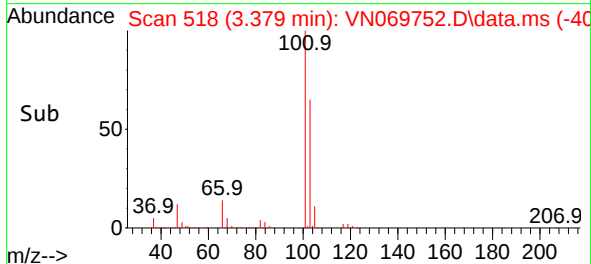
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Tgt Ion:101 Resp: 91044
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1

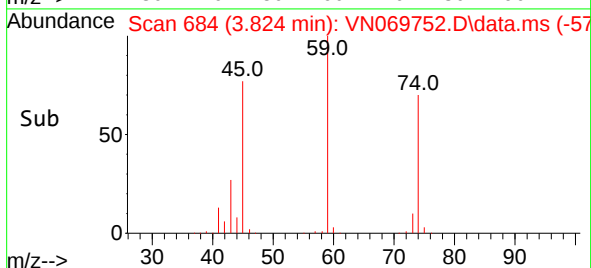
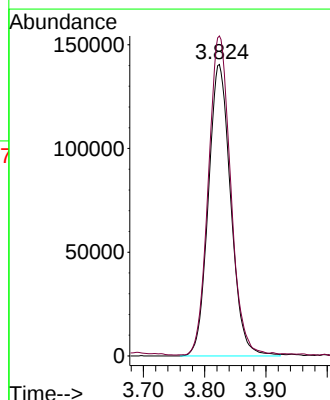
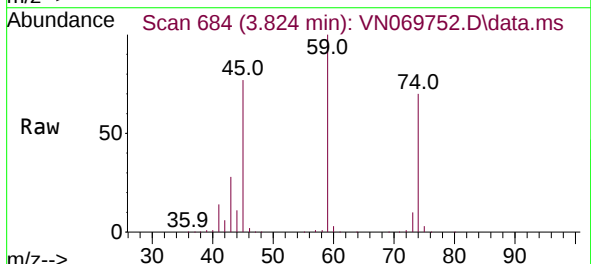
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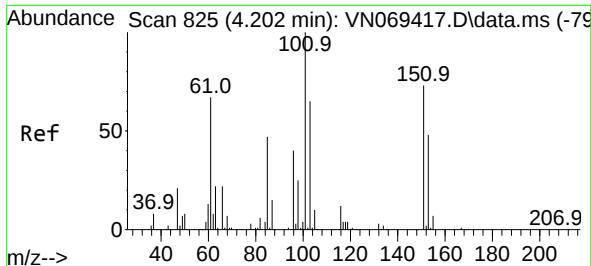
Reviewed By :John Carlone 12/04/2021
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#8
Diethyl Ether
Concen: 48.763 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069752.D
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Tgt Ion: 74 Resp: 356307
Ion Ratio Lower Upper
74 100
45 108.7 47.0 141.2





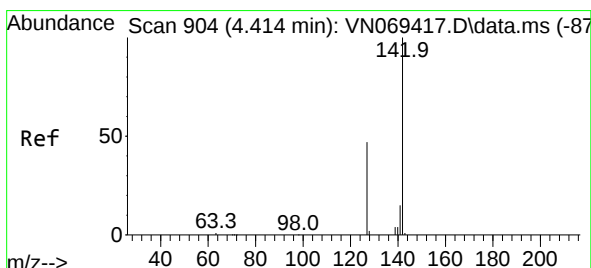
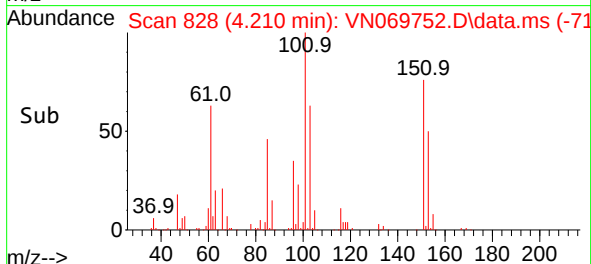
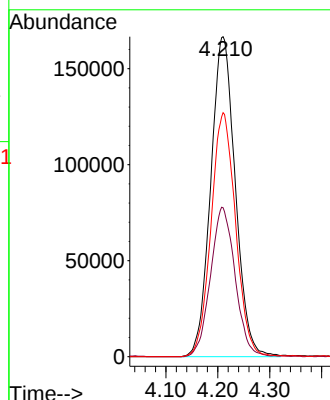
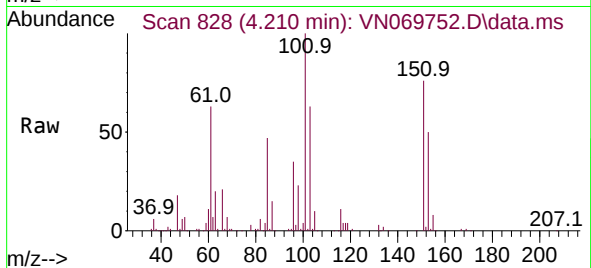
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.523 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:101 Resp: 54794
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 76.2 65.9 98.9

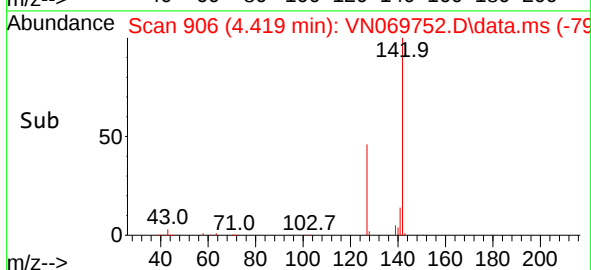
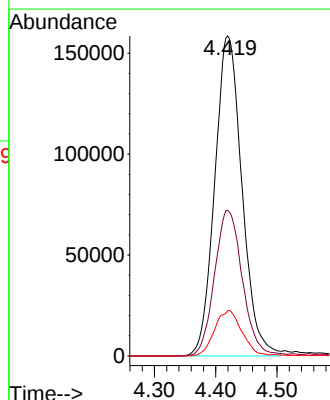
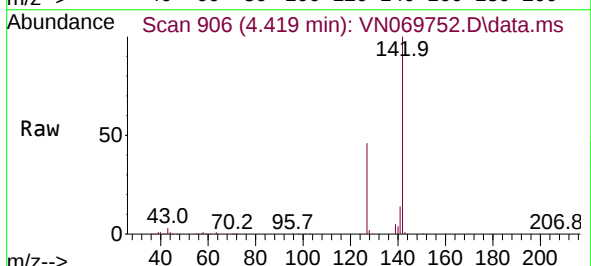
Manual Integrations
APPROVED

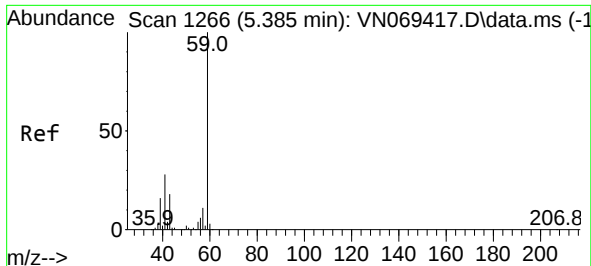
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 33.657 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

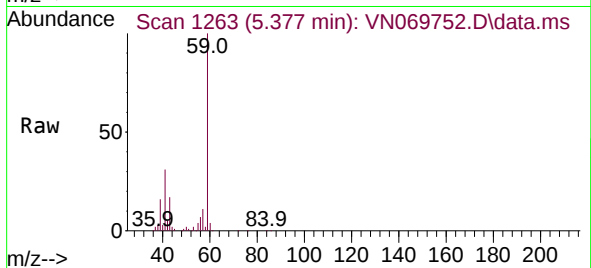
Tgt Ion:142 Resp: 488992
Ion Ratio Lower Upper
142 100
127 46.6 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 179.929 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

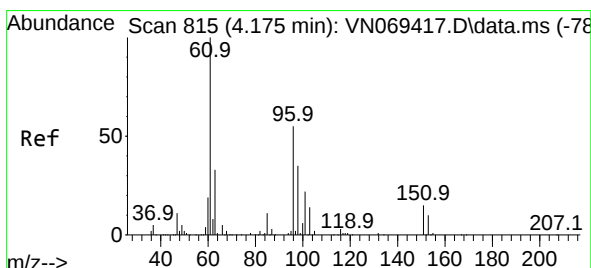
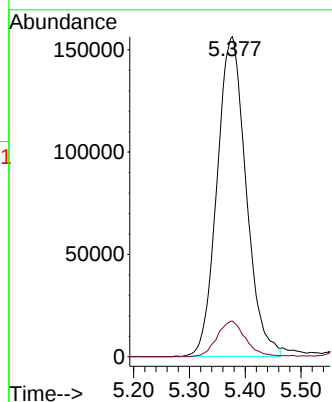
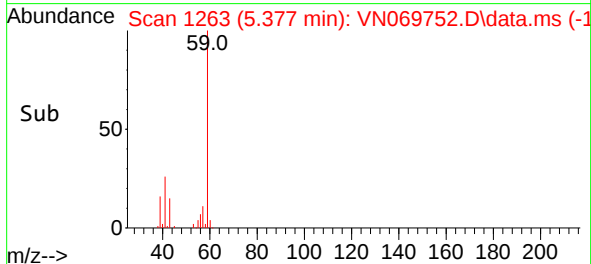
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



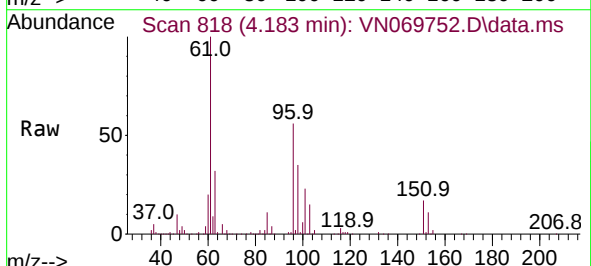
Tgt Ion: 59 Resp: 56497
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Manual Integrations
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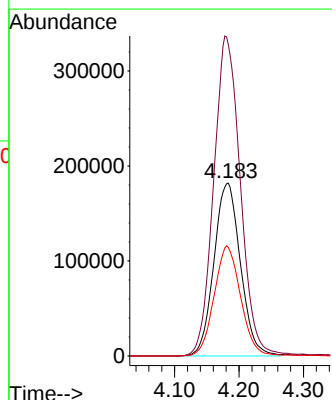
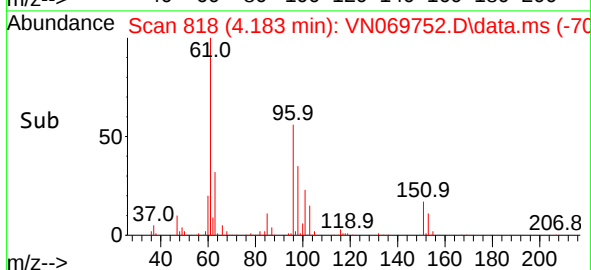
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

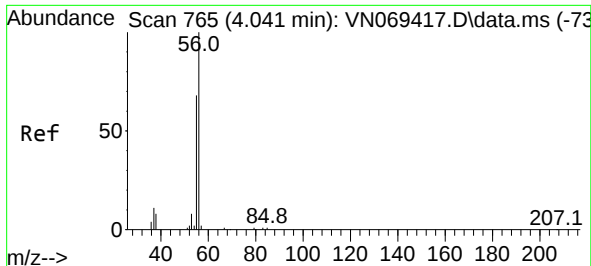


#12
1,1-Dichloroethene
Concen: 50.779 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



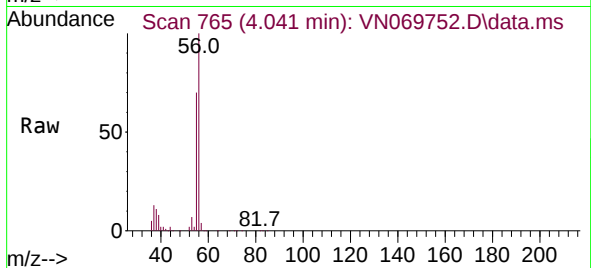
Tgt Ion: 96 Resp: 520392
Ion Ratio Lower Upper
96 100
61 180.2 131.0 196.6
98 62.8 52.4 78.6





#13
Acrolein
Concen: 149.761 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

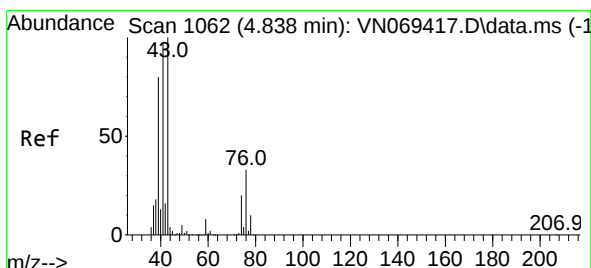
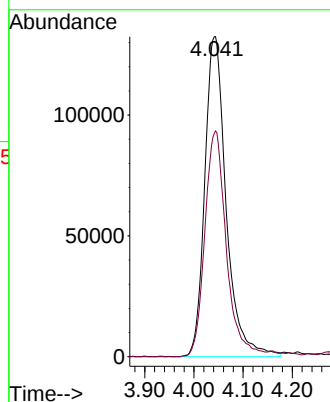
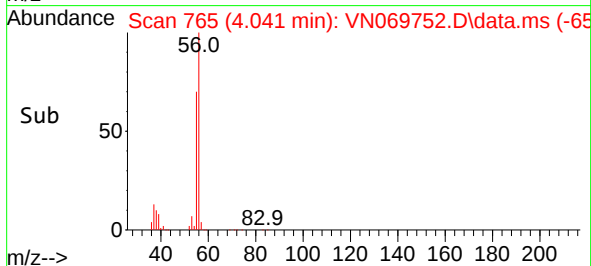
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



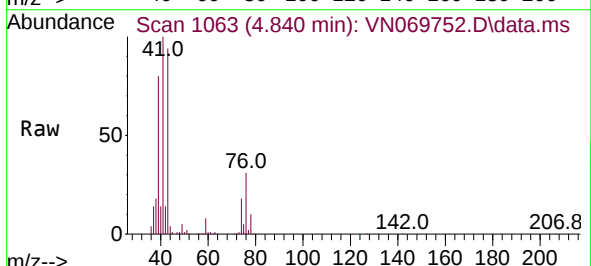
Tgt Ion: 56 Resp: 40045
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

Manual Integrations
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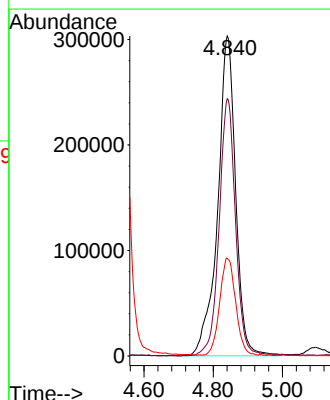
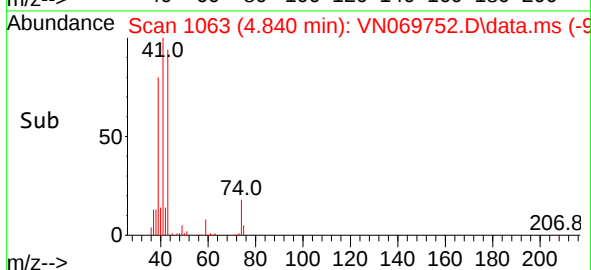
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

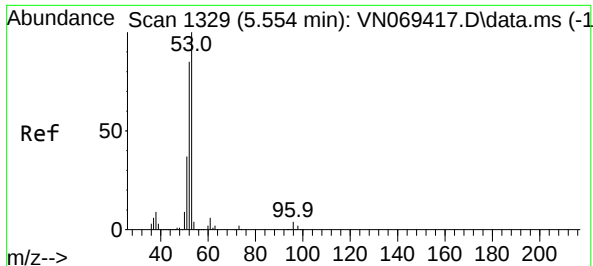


#14
Allyl chloride
Concen: 47.227 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



Tgt Ion: 41 Resp: 1090586
Ion Ratio Lower Upper
41 100
39 73.2 61.2 91.8
76 26.7 26.0 39.0





#15

Acrylonitrile

Concen: 220.621 ug/l

RT: 5.554 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

Tgt Ion: 53 Resp: 186669

Ion Ratio Lower Upper

53 100

52 83.9 66.2 99.2

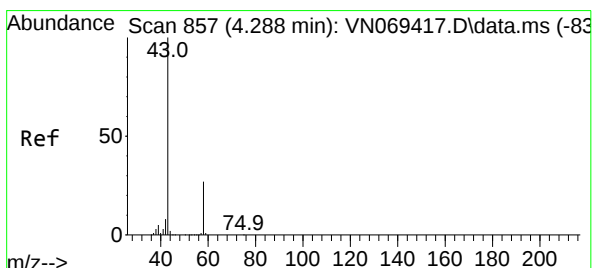
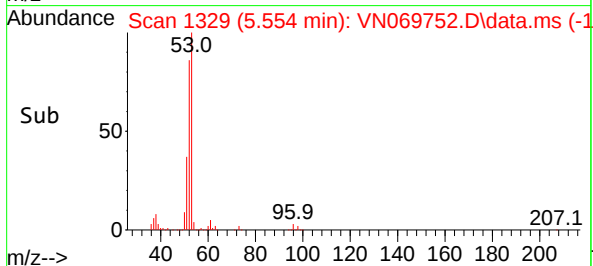
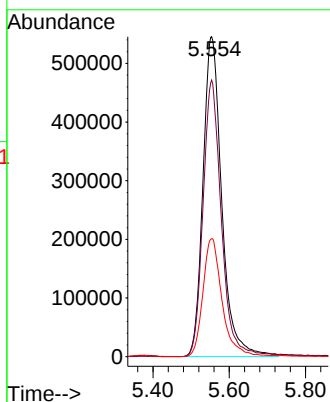
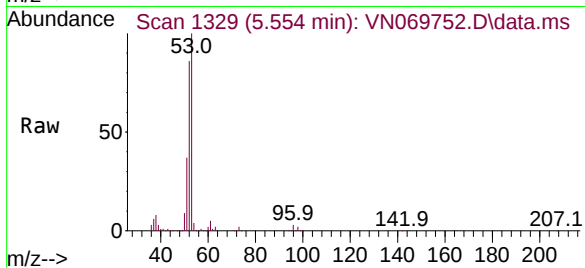
51 37.3 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#16

Acetone

Concen: 170.596 ug/l

RT: 4.285 min Scan# 856

Delta R.T. -0.005 min

Lab File: VN069752.D

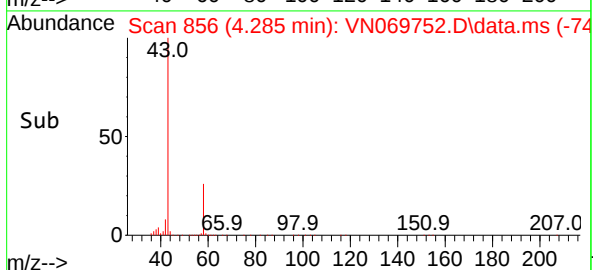
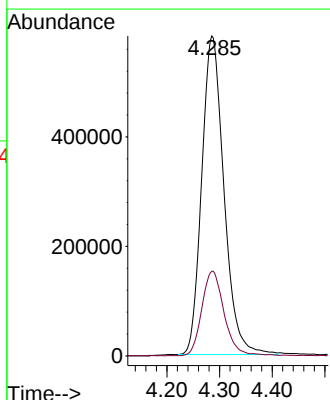
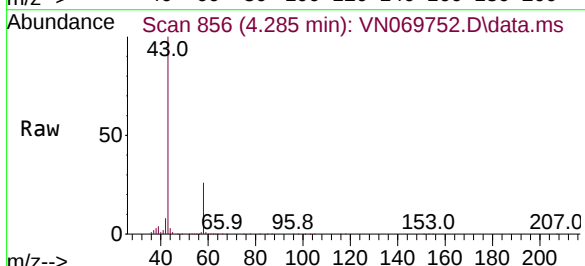
Acq: 4 Dec 2021 6:29

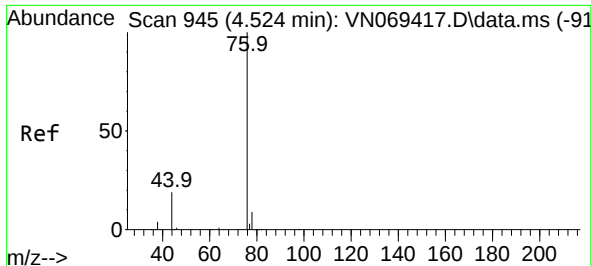
Tgt Ion: 43 Resp: 1704688

Ion Ratio Lower Upper

43 100

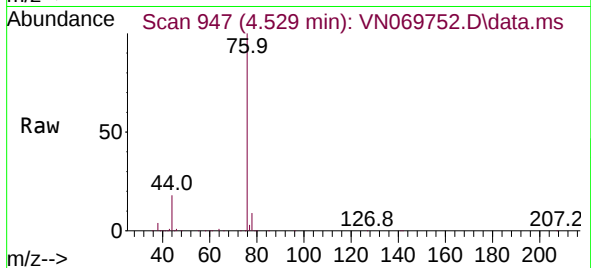
58 26.5 23.1 34.7





#17
Carbon Disulfide
Concen: 50.535 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

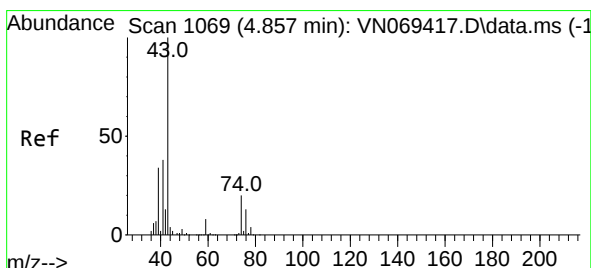
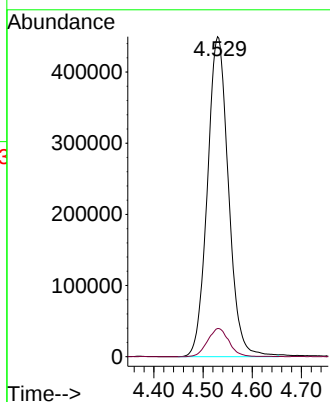
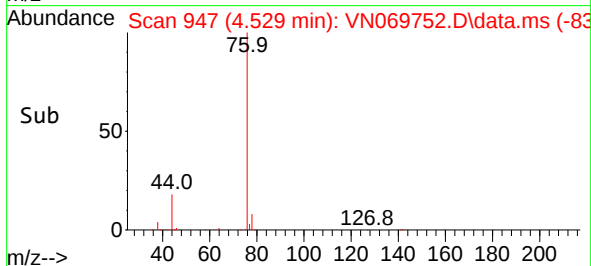
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 76 Resp: 133797
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

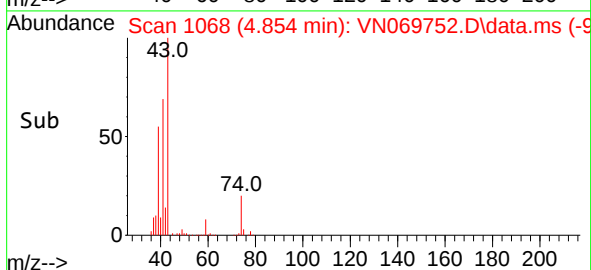
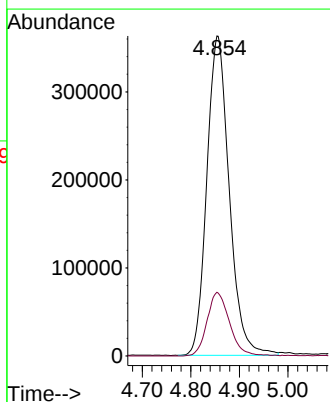
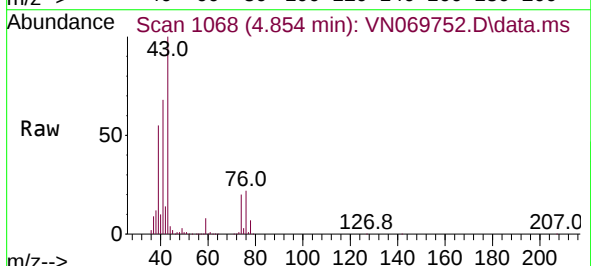
Manual Integrations
APPROVED

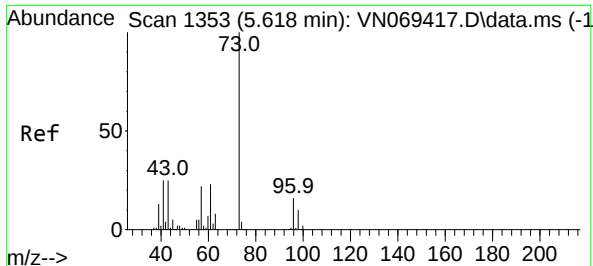
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 38.632 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

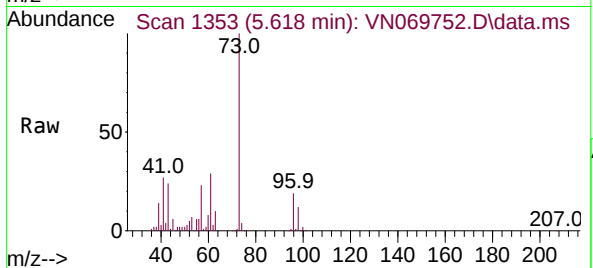
Tgt Ion: 43 Resp: 1165217
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 48.213 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

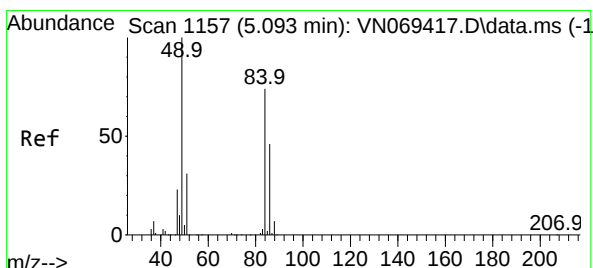
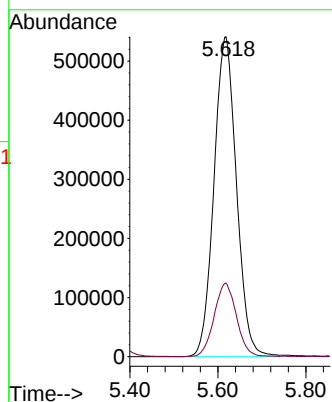
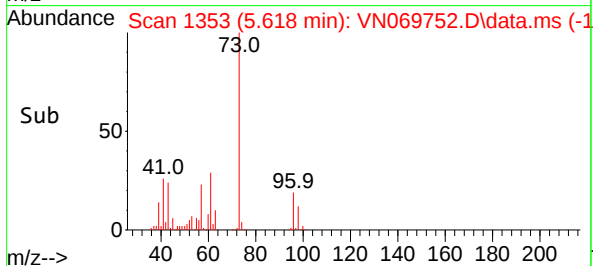
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 73 Resp: 192117
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2

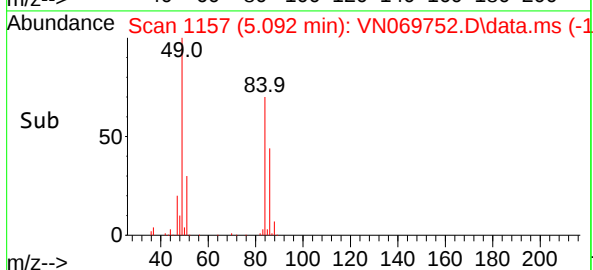
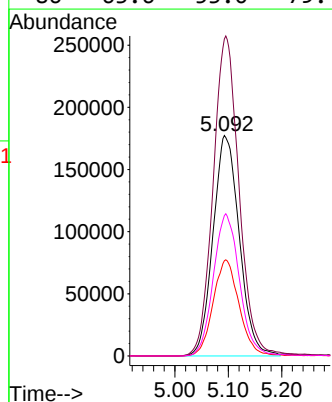
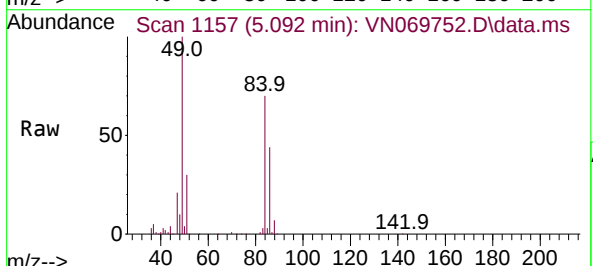
Manual Integrations
APPROVED

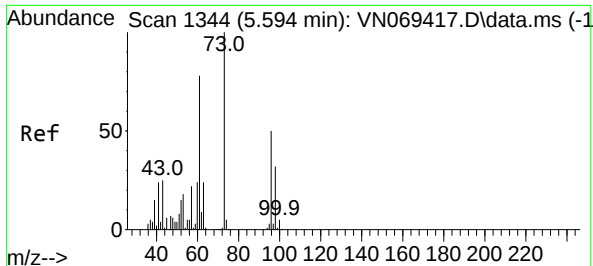
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 45.696 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

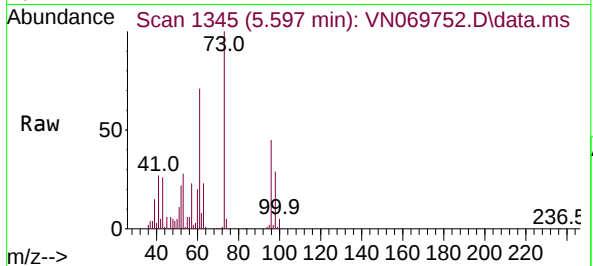
Tgt Ion: 84 Resp: 607029
Ion Ratio Lower Upper
84 100
49 143.7 93.5 140.3#
51 43.2 29.4 44.2
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.540 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

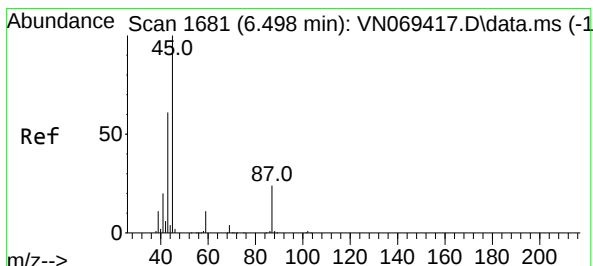
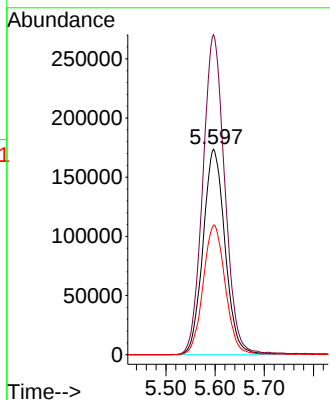
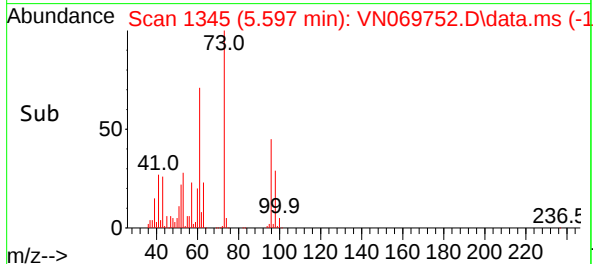
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 96 Resp: 54030
Ion Ratio Lower Upper
96 100
61 155.4 105.8 158.6
98 63.0 52.0 78.0

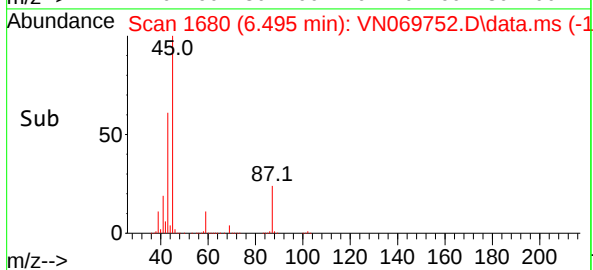
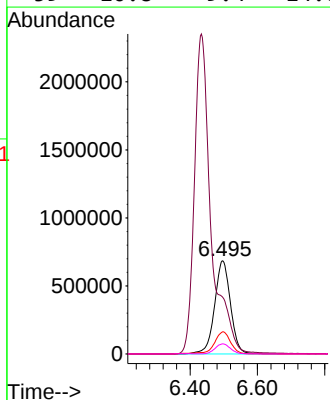
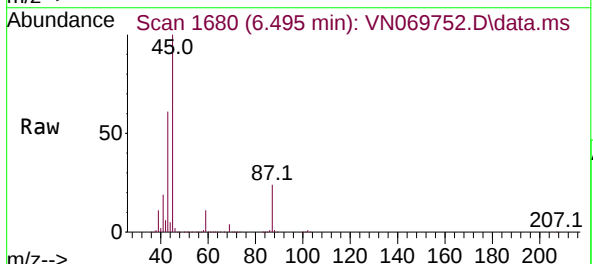
Manual Integrations
APPROVED

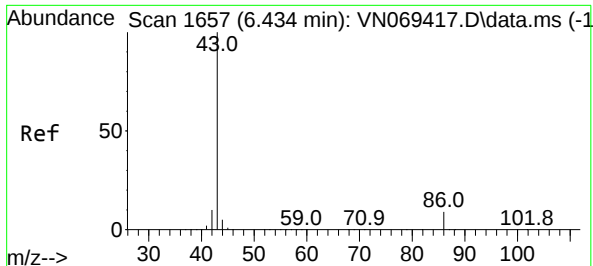
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#22
Diisopropyl ether
Concen: 49.880 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Tgt Ion: 45 Resp: 2251374
Ion Ratio Lower Upper
45 100
43 61.1 51.7 77.5
87 23.5 23.2 34.8
59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 220.251 ug/l

RT: 6.433 min Scan# 1657

Delta R.T. -0.003 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

Tgt Ion: 43 Resp: 808781

Ion Ratio Lower Upper

43 100

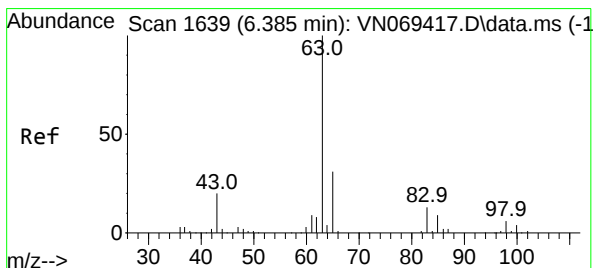
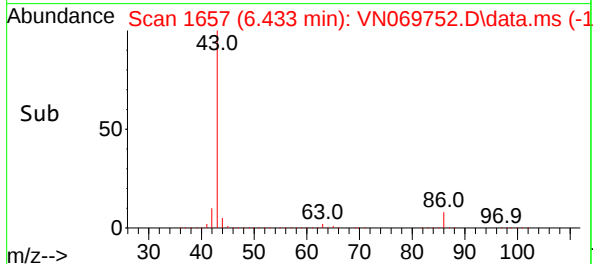
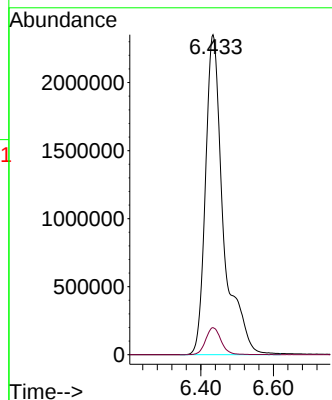
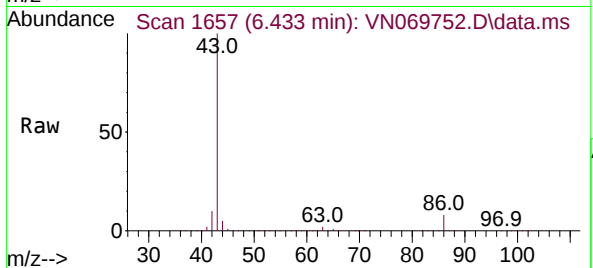
86 8.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#24

1,1-Dichloroethane

Concen: 50.042 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

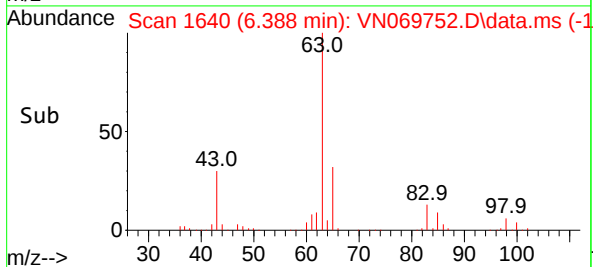
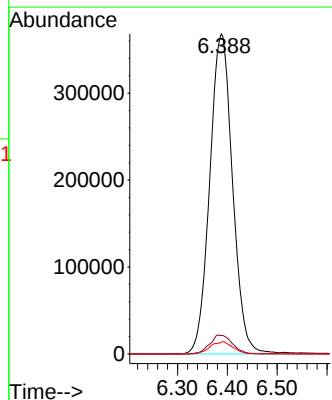
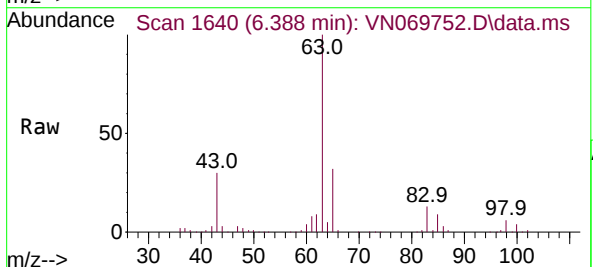
Tgt Ion: 63 Resp: 1170025

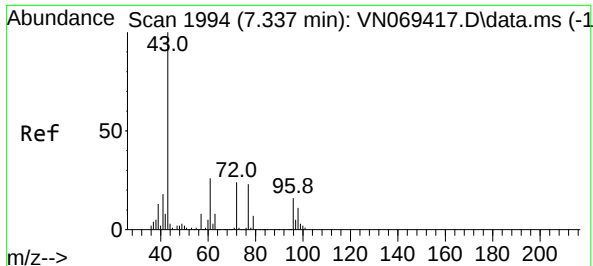
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.9

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 200.296 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

Tgt Ion: 43 Resp: 271941

Ion Ratio Lower Upper

43 100

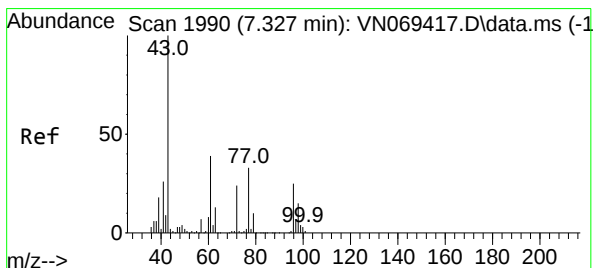
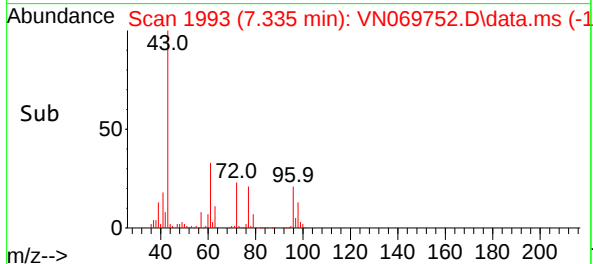
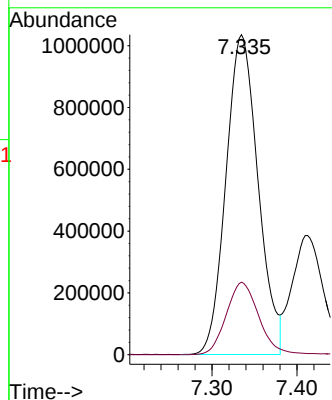
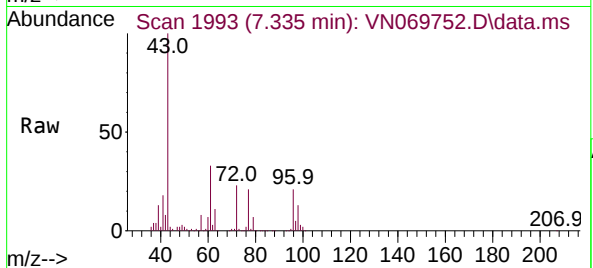
72 22.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 39.937 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069752.D

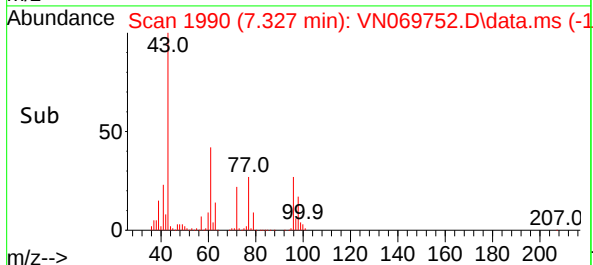
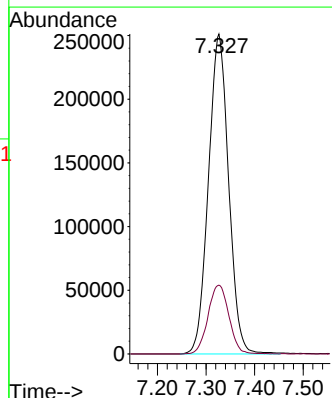
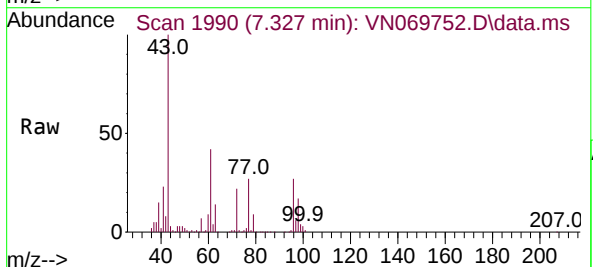
Acq: 4 Dec 2021 6:29

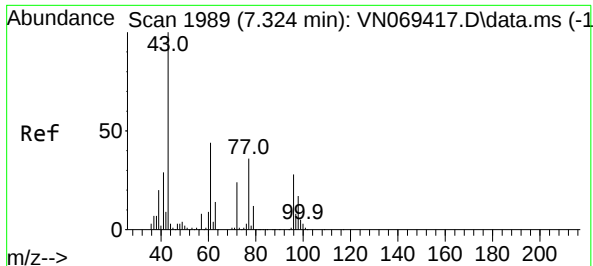
Tgt Ion: 77 Resp: 726014

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 49.906 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.000 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

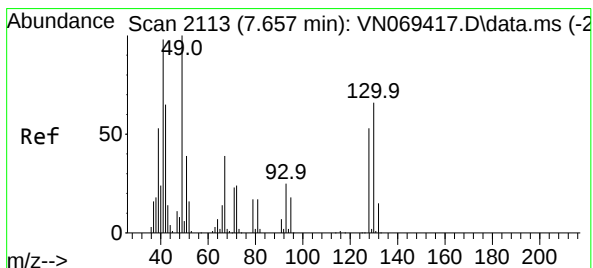
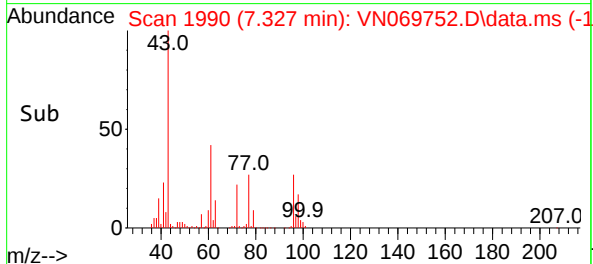
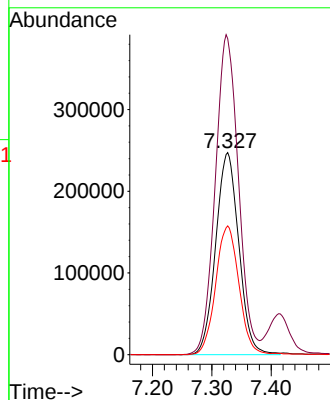
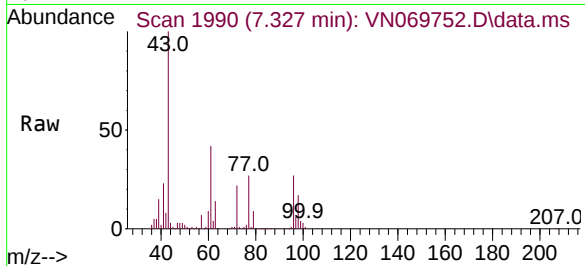
Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	275.0
98	64.0	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 49.408 ug/l

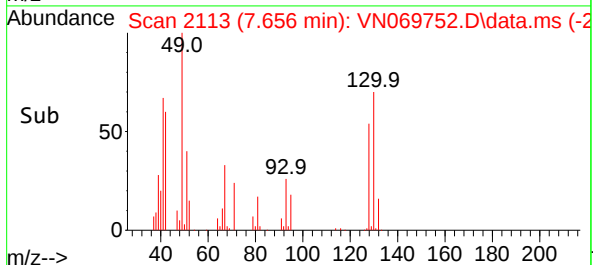
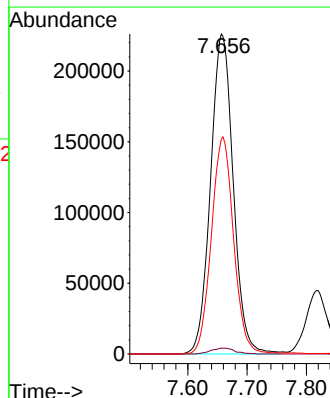
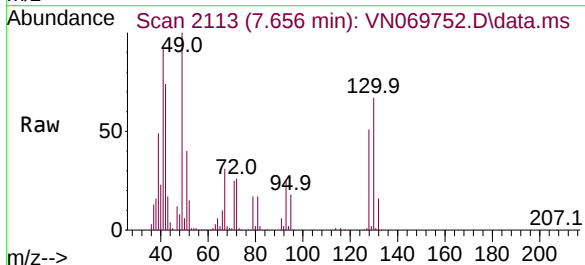
RT: 7.656 min Scan# 2113

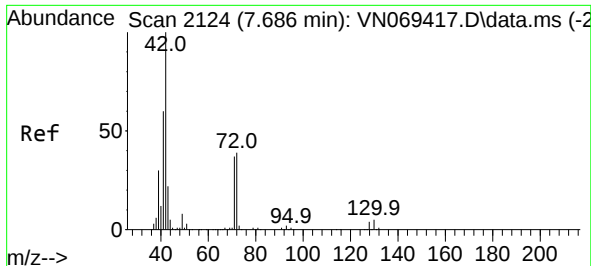
Delta R.T. 0.000 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	66.2	67.8	101.8





#29

Tetrahydrofuran

Concen: 219.589 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. -0.003 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

Tgt Ion: 42 Resp: 181035

Ion Ratio Lower Upper

42 100

72 37.2 36.3 54.5

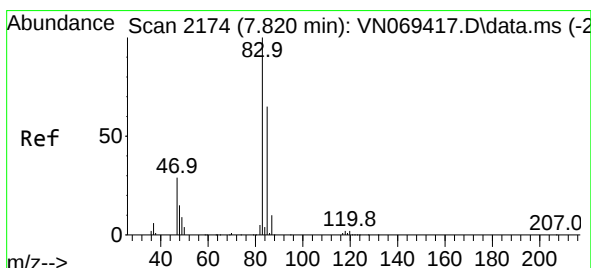
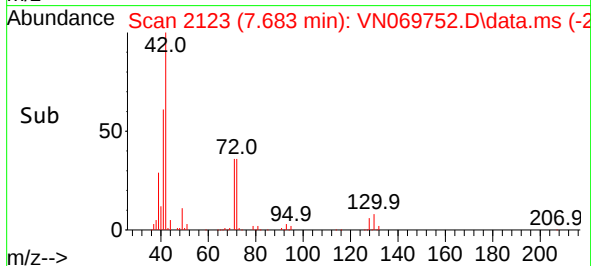
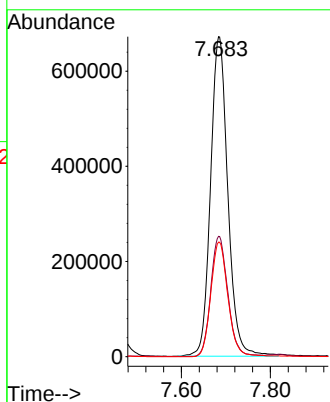
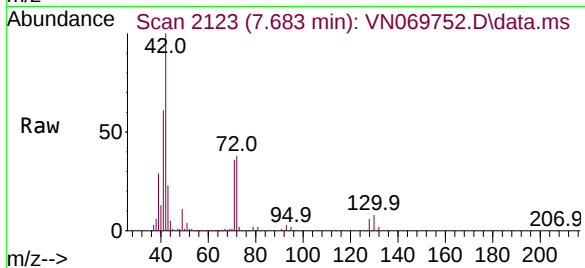
71 35.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 49.568 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069752.D

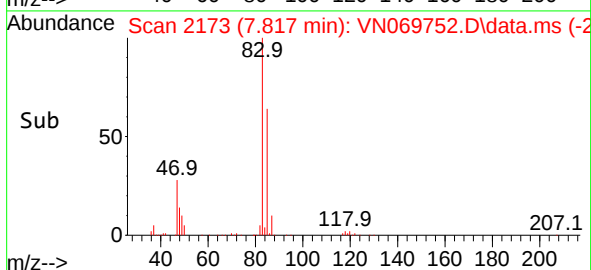
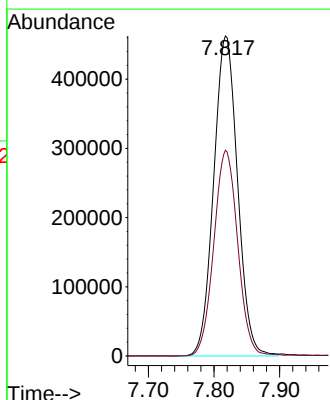
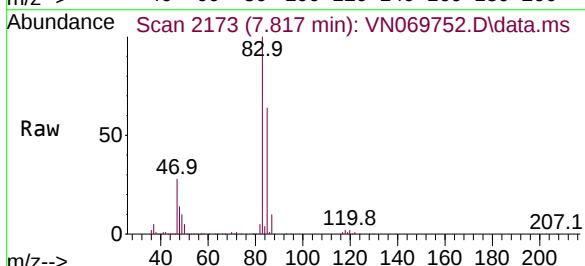
Acq: 4 Dec 2021 6:29

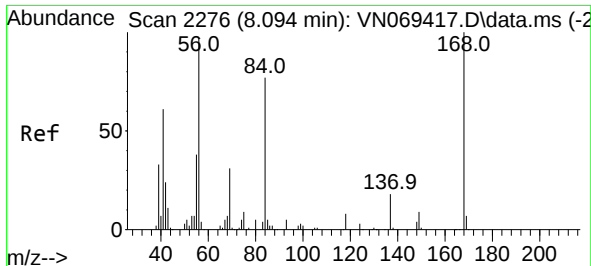
Tgt Ion: 83 Resp: 1170474

Ion Ratio Lower Upper

83 100

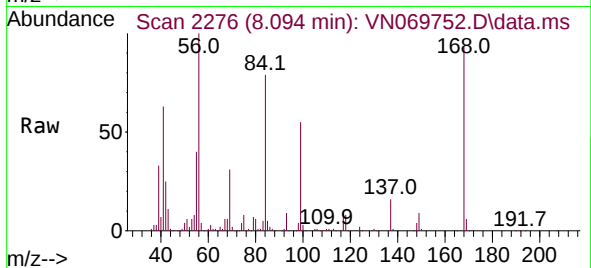
85 64.3 51.9 77.9





#31
Cyclohexane
Concen: 47.854 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

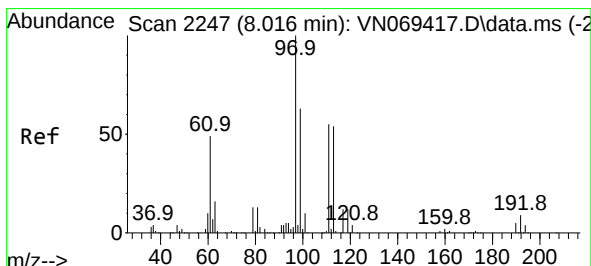
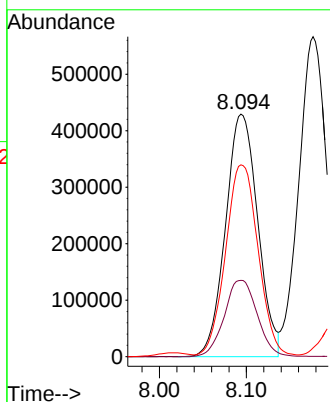
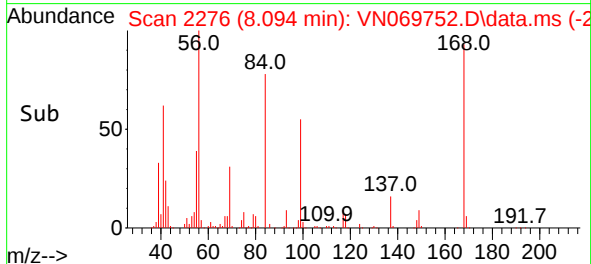
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



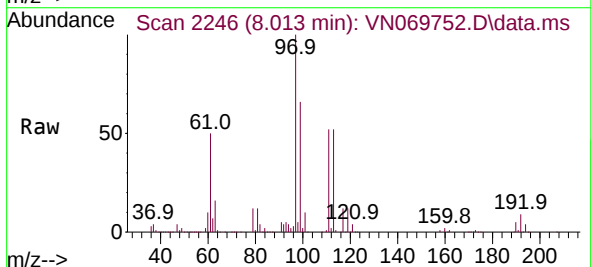
Tgt Ion: 56 Resp: 110625
Ion Ratio Lower Upper
56 100
69 31.5 27.1 40.7
84 77.5 73.4 110.0

Manual Integrations
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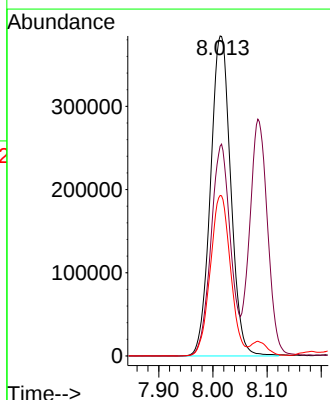
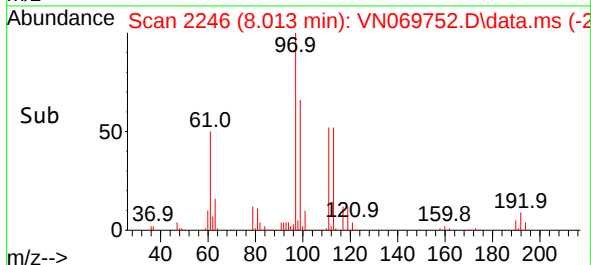
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

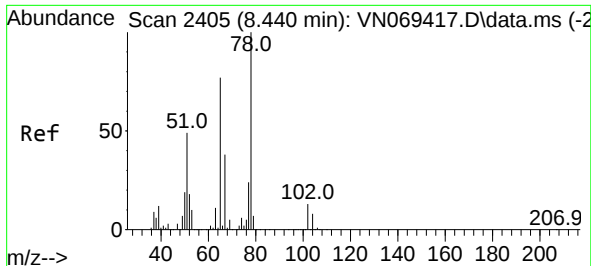


#32
1,1,1-Trichloroethane
Concen: 49.608 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



Tgt Ion: 97 Resp: 997806
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.233 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069752.D

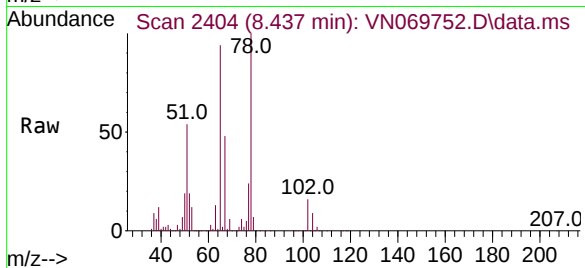
Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS



Tgt Ion: 65 Resp: 784608

Ion Ratio Lower Upper

65 100

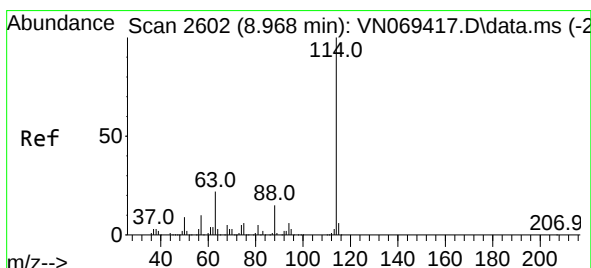
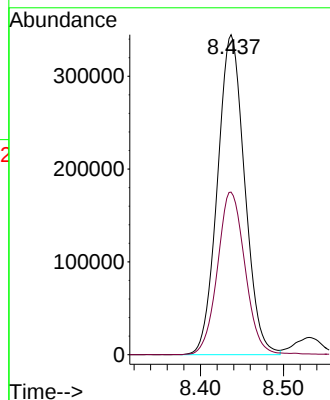
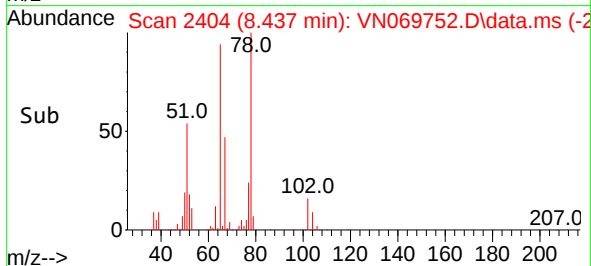
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

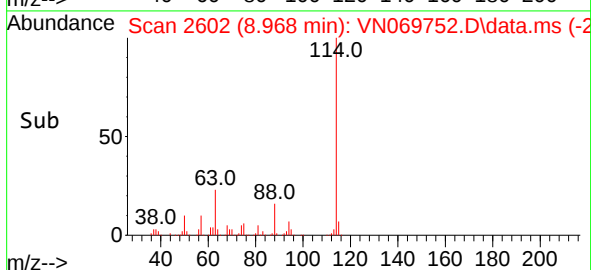
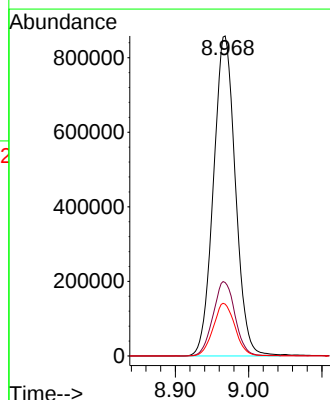
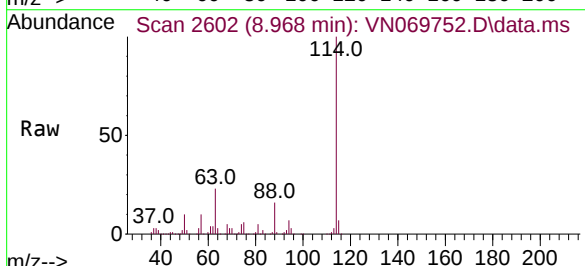
Tgt Ion:114 Resp: 1781677

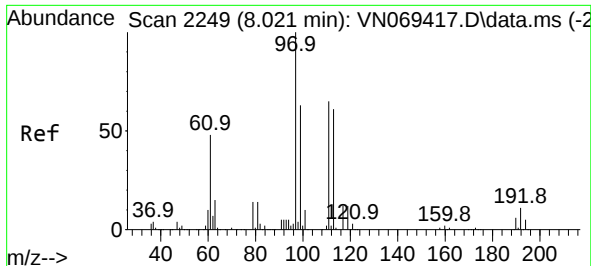
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

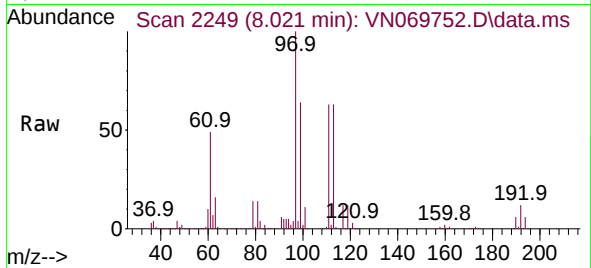
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.287 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

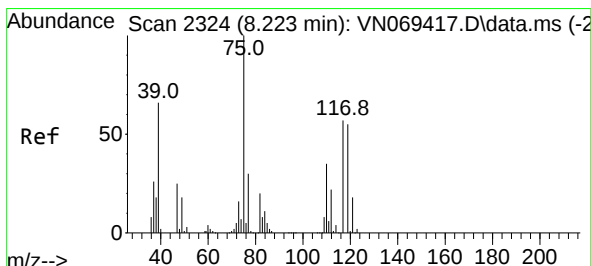
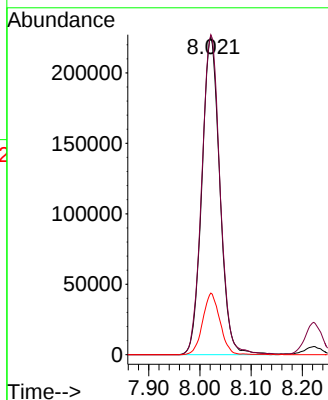
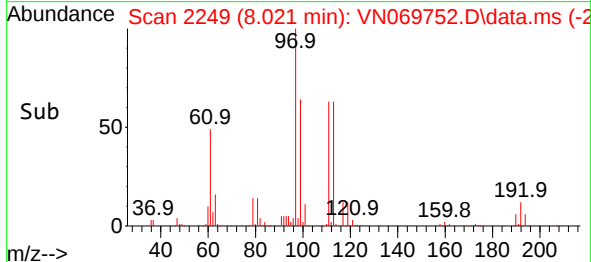
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 113 Resp: 55004
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.5 16.9 25.3

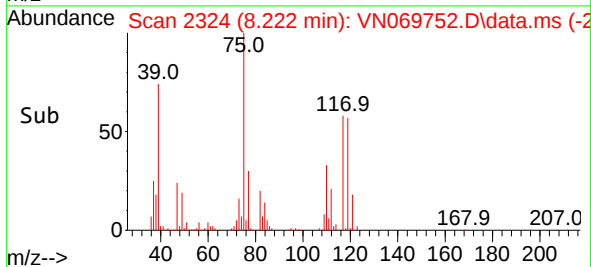
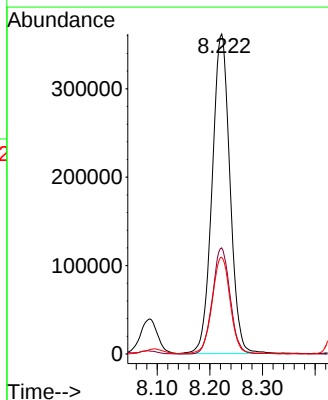
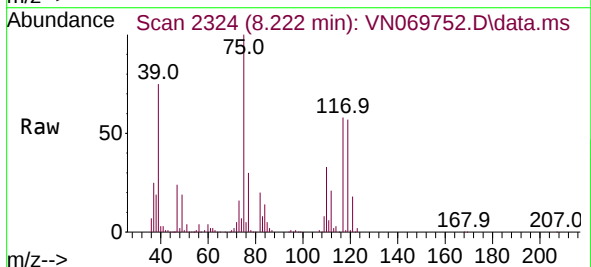
Manual Integrations
APPROVED

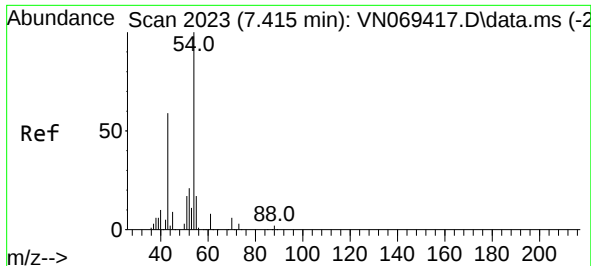
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 50.239 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Tgt Ion: 75 Resp: 852105
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 39.231 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

Tgt Ion: 43 Resp: 990349

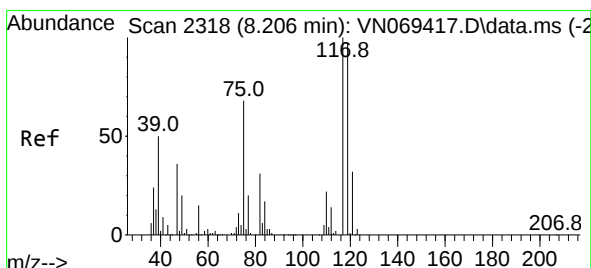
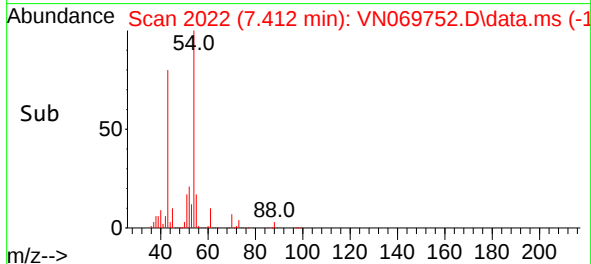
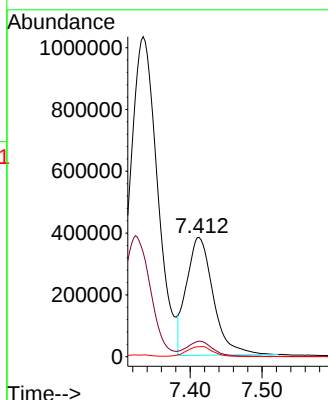
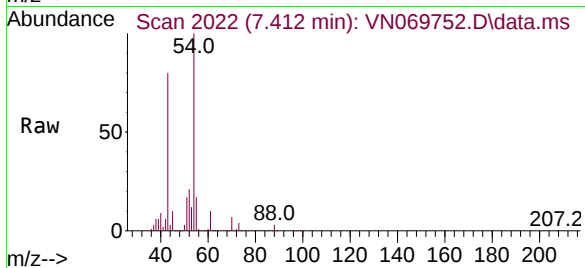
Ion	Ratio	Lower	Upper
43	100		
61	12.5	11.5	17.3
70	8.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 51.860 ug/l

RT: 8.204 min Scan# 2317

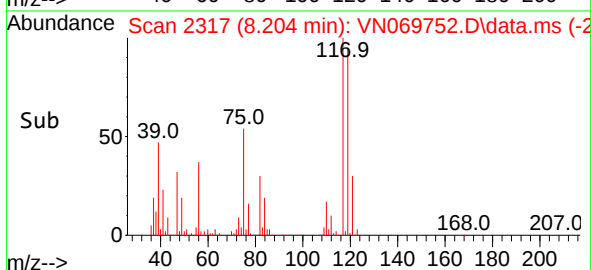
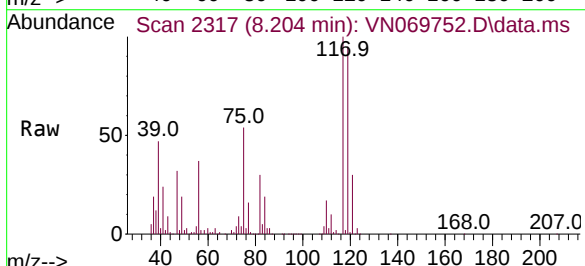
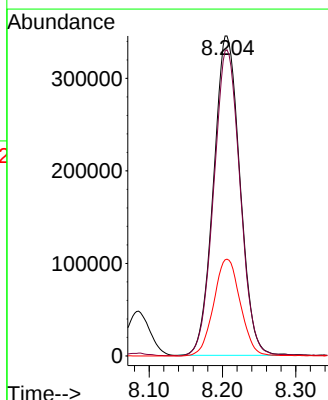
Delta R.T. -0.003 min

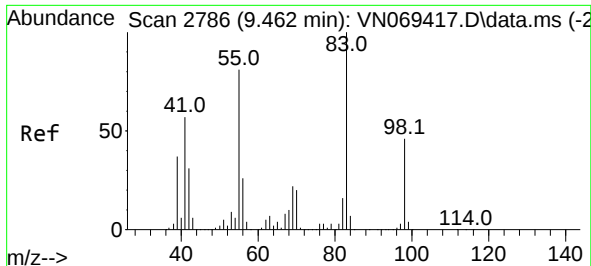
Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Tgt Ion: 117 Resp: 862546

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
121	30.1	24.2	36.2





#39

Methylcyclohexane

Concen: 49.318 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

Tgt Ion: 83 Resp: 994988

Ion Ratio Lower Upper

83 100

55 86.2 58.1 87.1

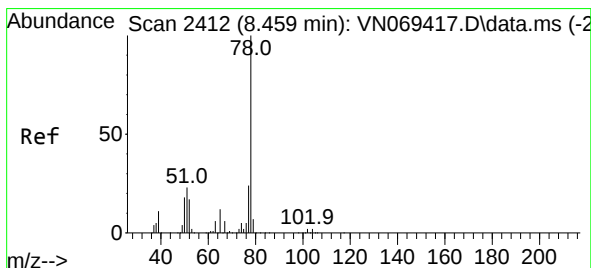
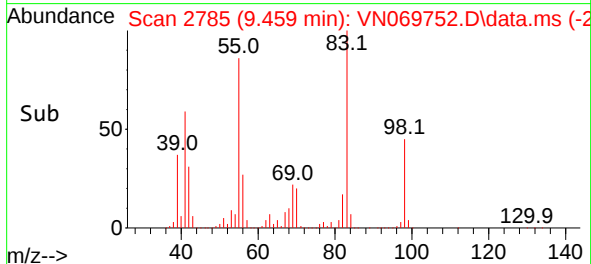
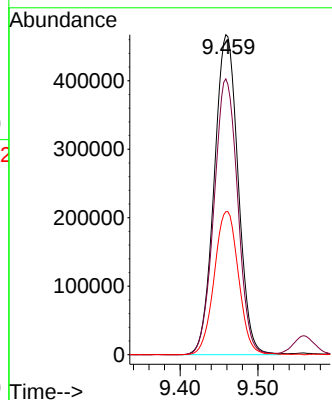
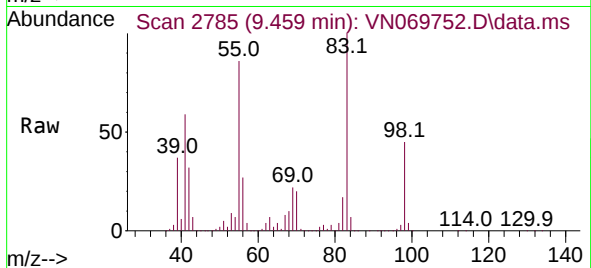
98 44.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 49.103 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN069752.D

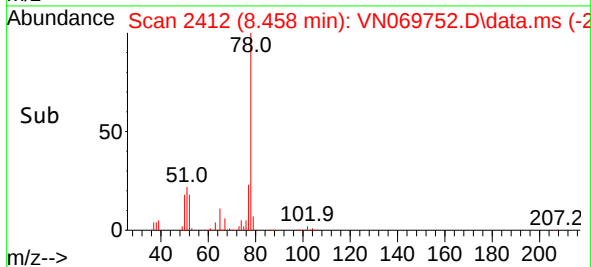
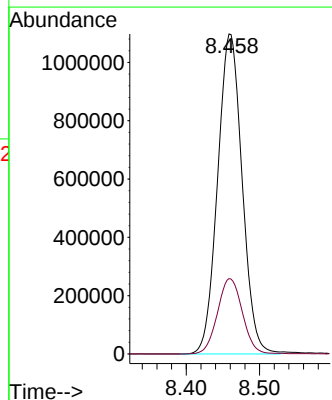
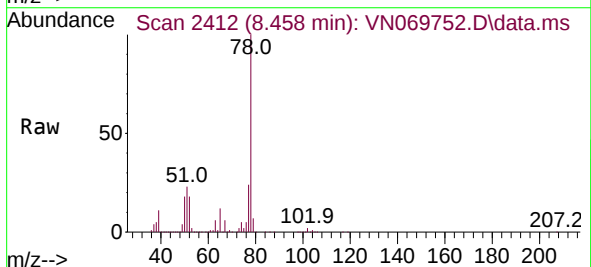
Acq: 4 Dec 2021 6:29

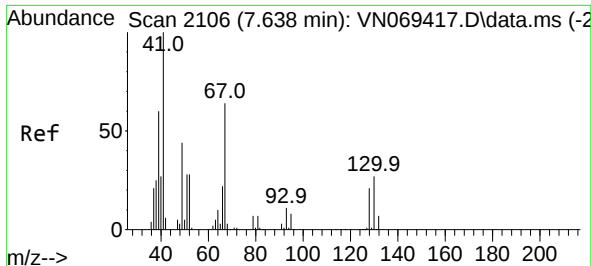
Tgt Ion: 78 Resp: 2545667

Ion Ratio Lower Upper

78 100

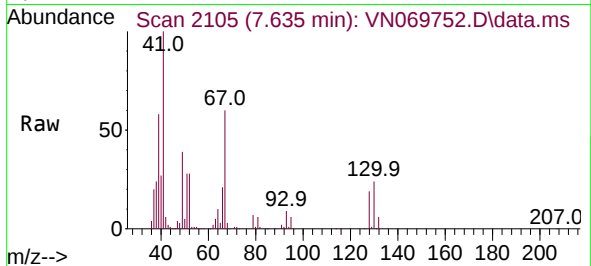
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 47.551 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

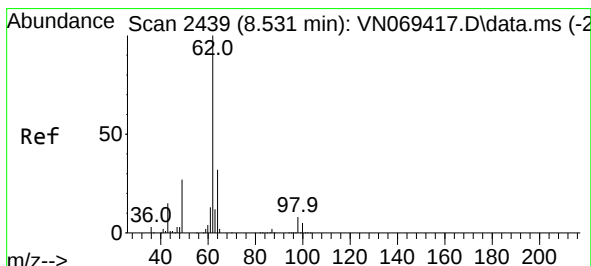
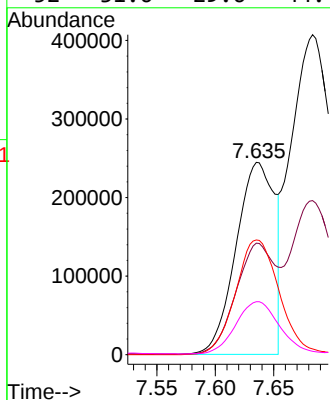
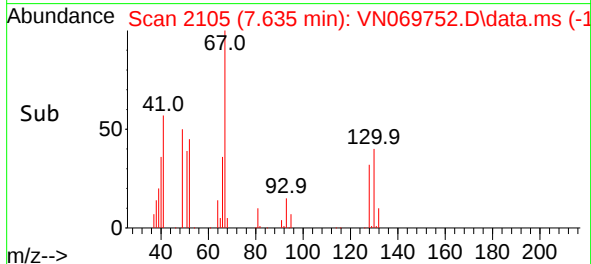
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 41 Resp: 56350
Ion Ratio Lower Upper
41 100
39 60.6 48.1 72.1
67 68.2 68.3 102.5
52 31.6 29.6 44.4

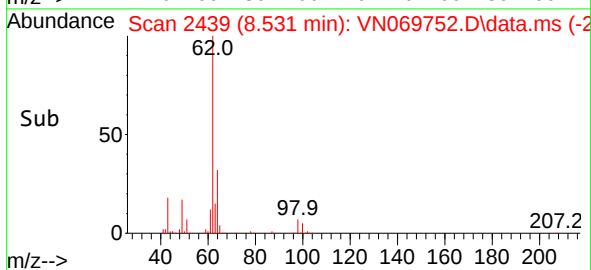
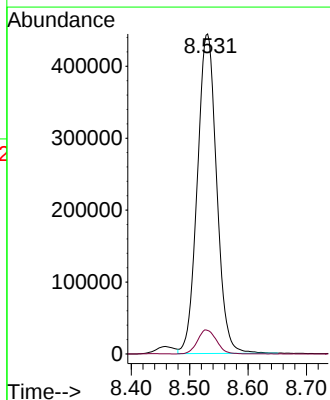
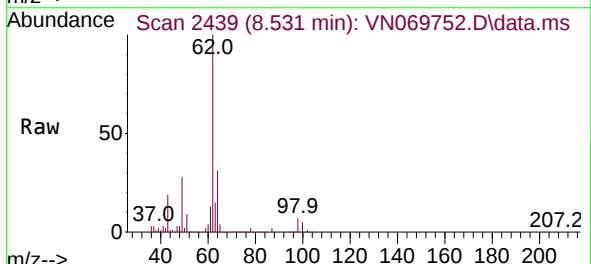
Manual Integrations
APPROVED

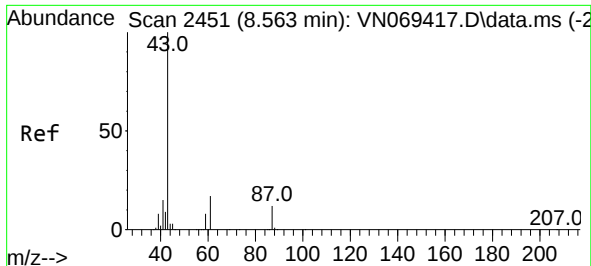
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 48.791 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

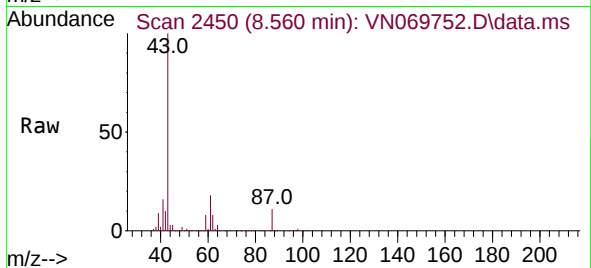
Tgt Ion: 62 Resp: 1021104
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 44.891 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

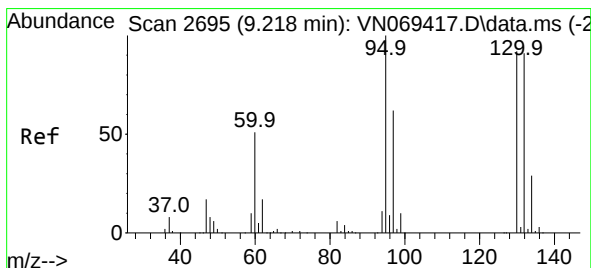
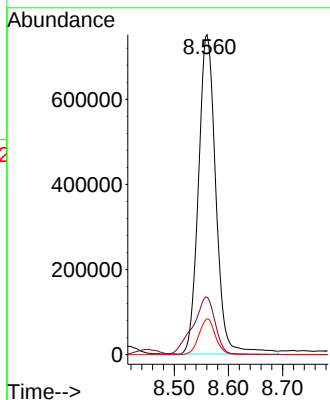
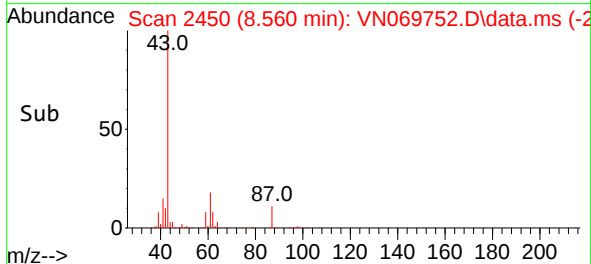
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 43 Resp: 167700
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.7 11.2 16.8

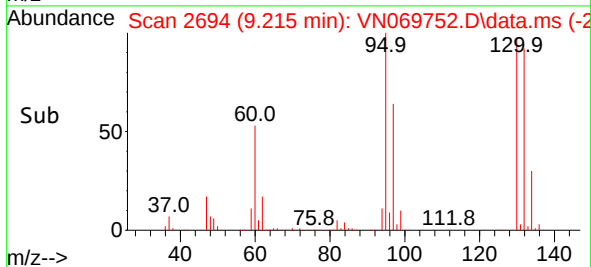
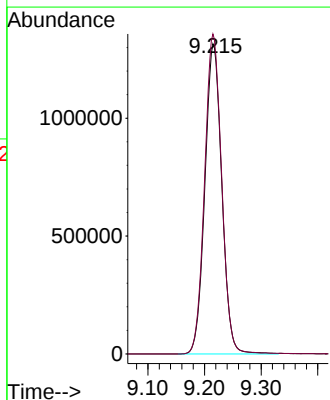
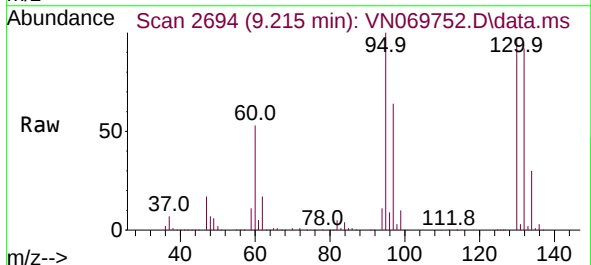
Manual Integrations
APPROVED

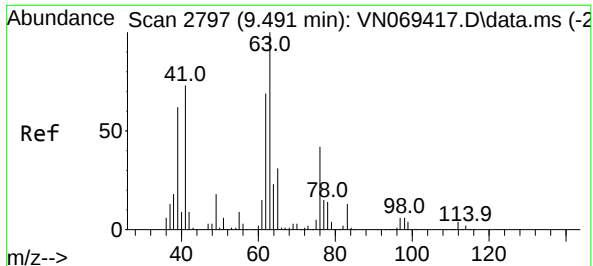
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 220.495 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

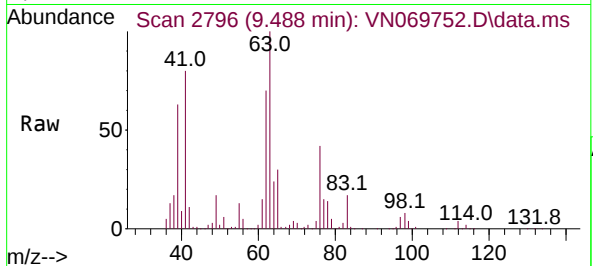
Tgt Ion:130 Resp: 2728389
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45
1,2-Dichloropropane
Concen: 49.622 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

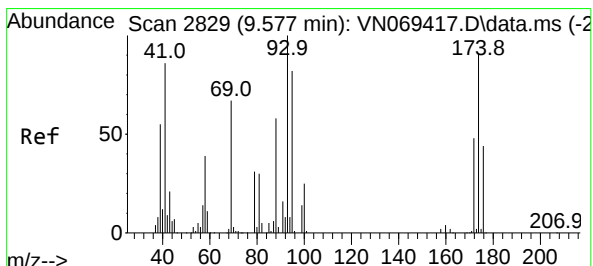
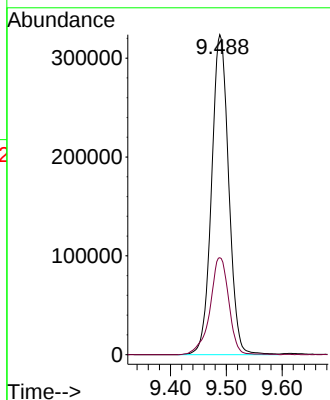
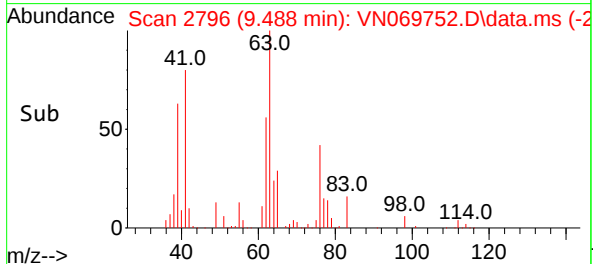
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



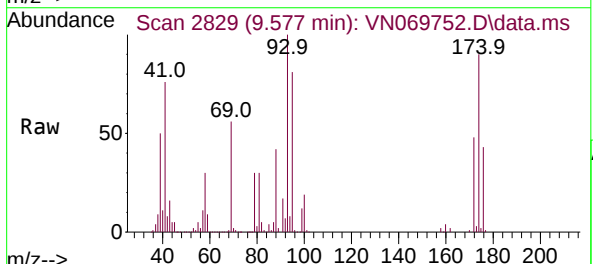
Tgt Ion: 63 Resp: 690830
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1

Manual Integrations
APPROVED

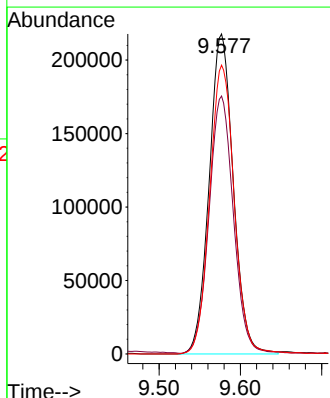
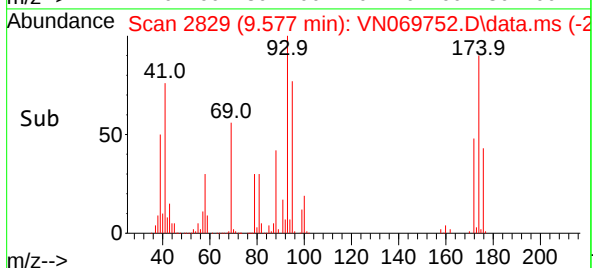
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

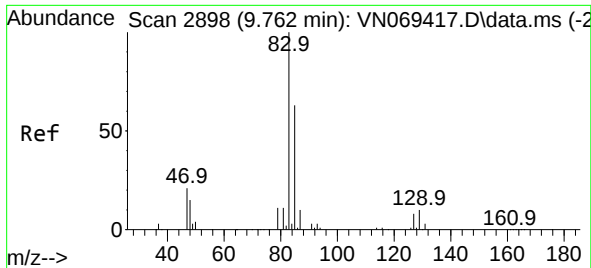


#46
Dibromomethane
Concen: 49.237 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



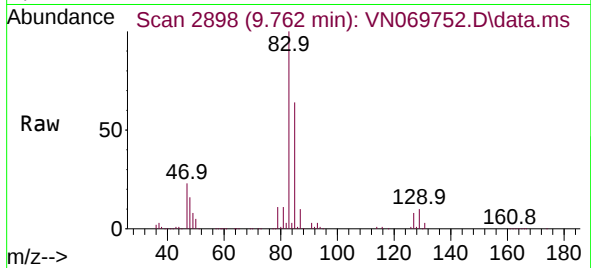
Tgt Ion: 93 Resp: 449553
Ion Ratio Lower Upper
93 100
95 80.8 65.9 98.9
174 91.7 84.6 127.0





#47
Bromodichloromethane
Concen: 50.697 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

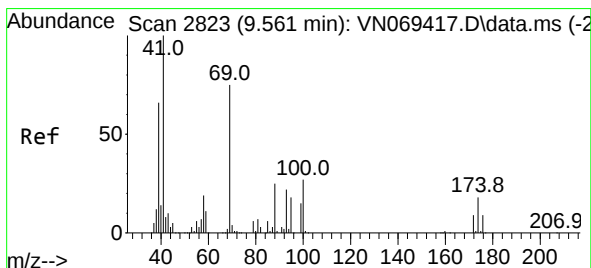
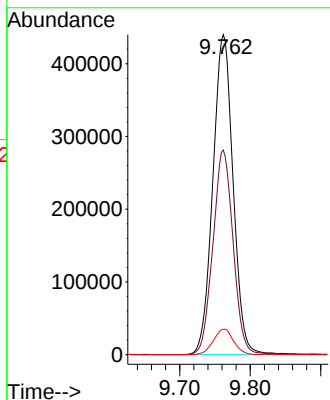
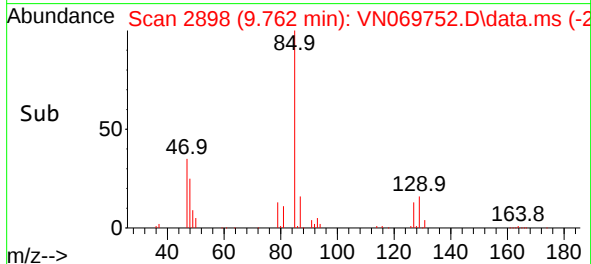
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 83 Resp: 87640
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.0 7.1 10.7

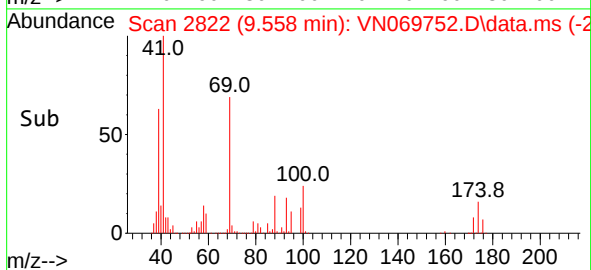
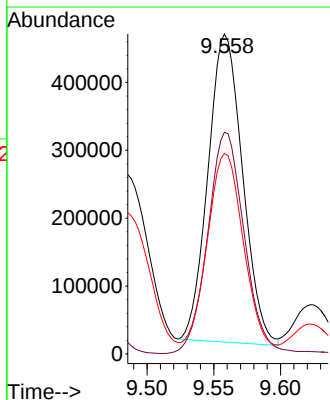
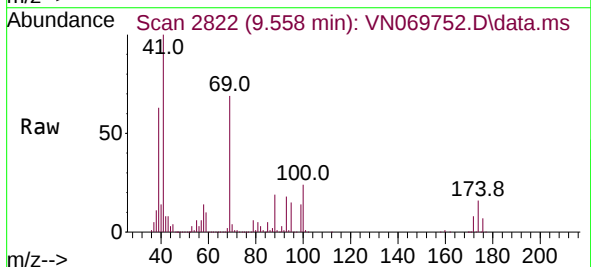
Manual Integrations
APPROVED

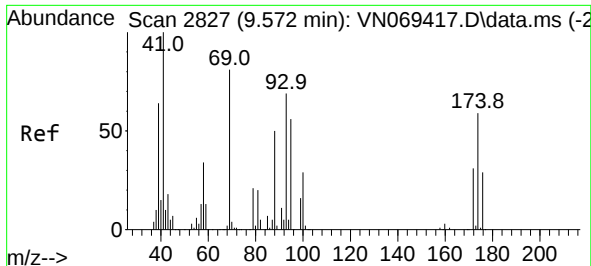
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 46.838 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Tgt Ion: 41 Resp: 816569
Ion Ratio Lower Upper
41 100
69 75.7 72.4 108.6
39 69.5 58.4 87.6





#49

1,4-Dioxane

Concen: 768.978 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069752.D

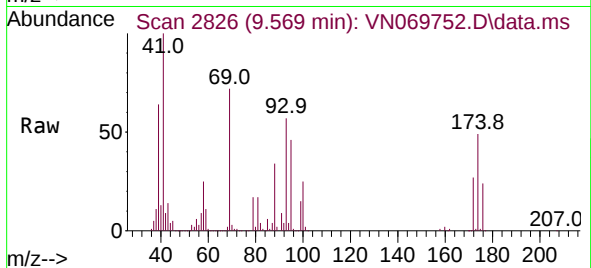
Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS



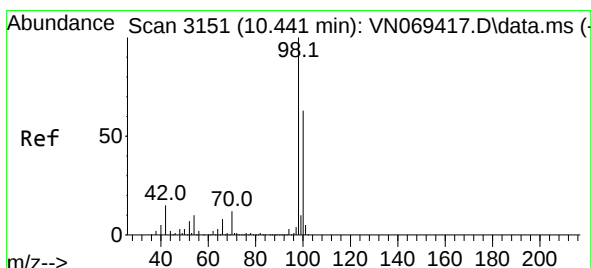
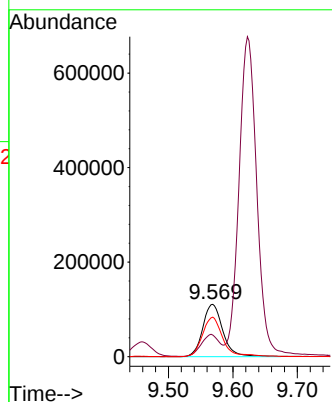
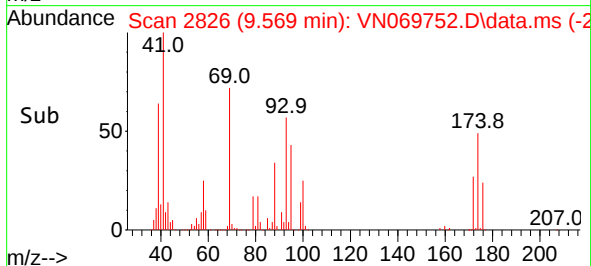
Tgt Ion:	88	Resp:	240549
Ion Ratio	Lower	Upper	
88	100		
43	37.4	23.4	35.2
58	76.6	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#50

Toluene-d8

Concen: 47.931 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069752.D

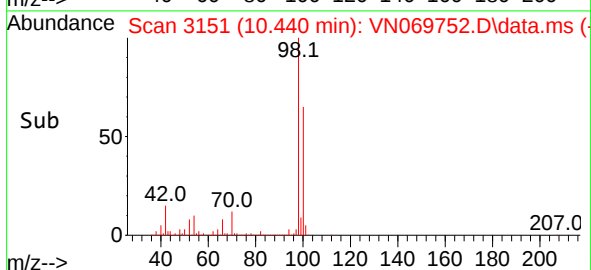
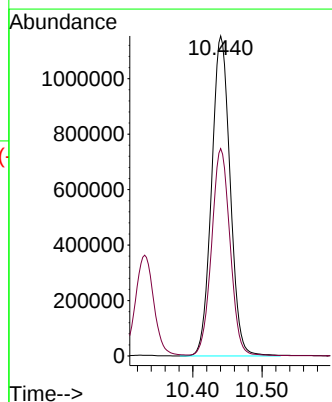
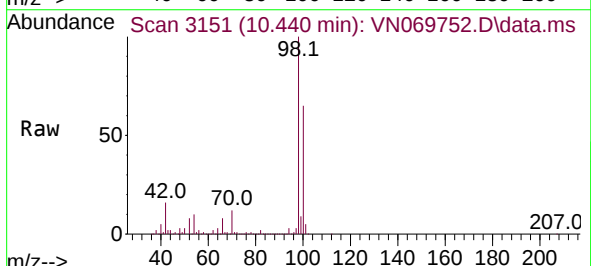
Acq: 4 Dec 2021 6:29

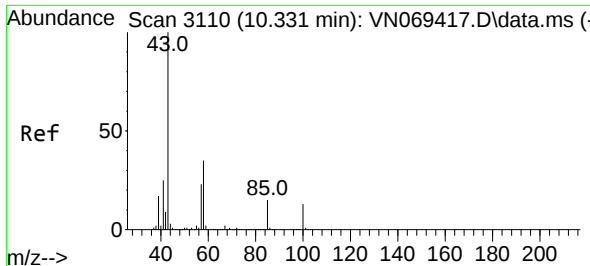
Tgt Ion: 98 Resp: 2147831

Ion Ratio Lower Upper

98 100

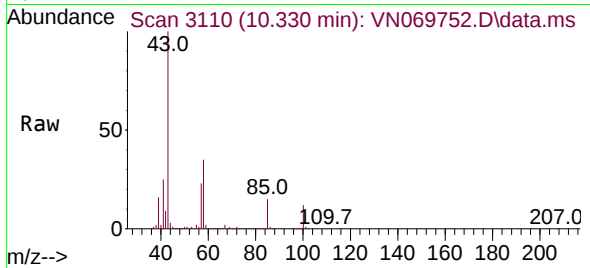
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 230.925 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

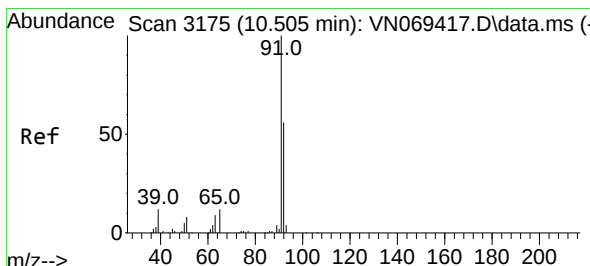
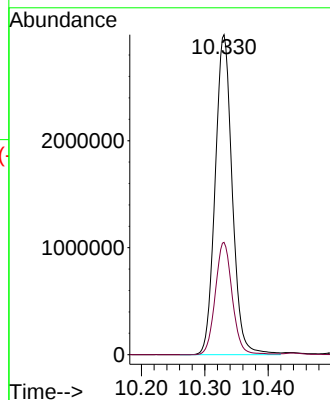
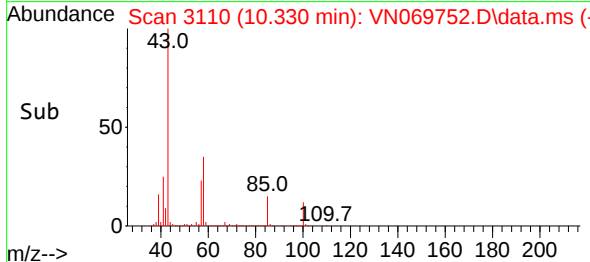
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 43 Resp: 5596418
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

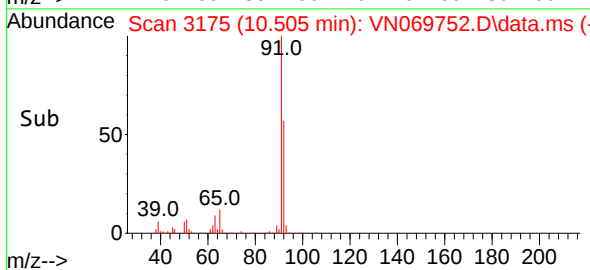
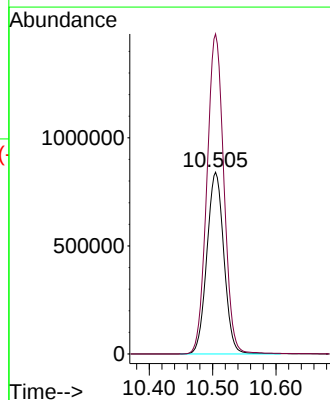
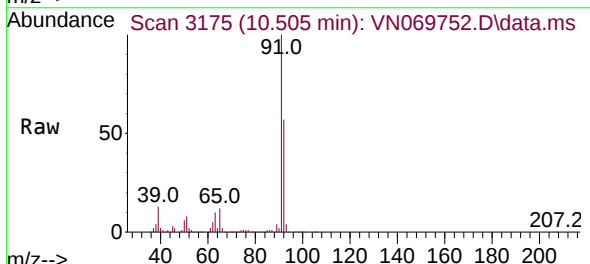
Manual Integrations
APPROVED

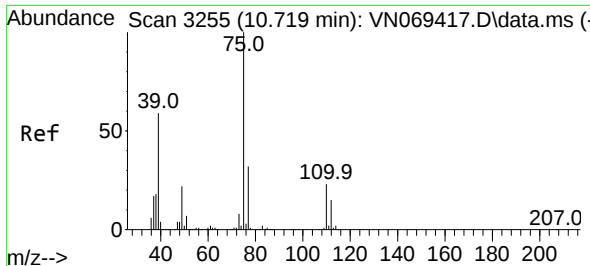
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 49.476 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

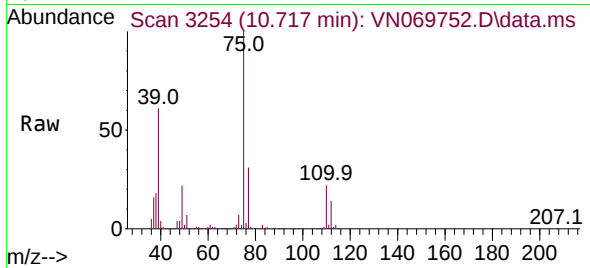
Tgt Ion: 92 Resp: 1565963
Ion Ratio Lower Upper
92 100
91 175.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 43.955 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

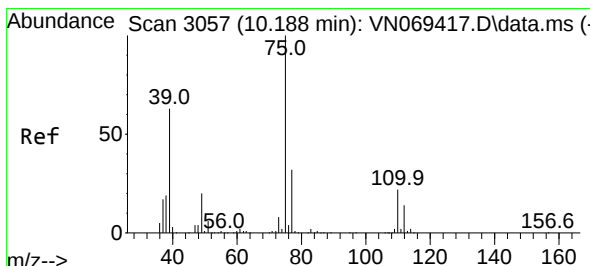
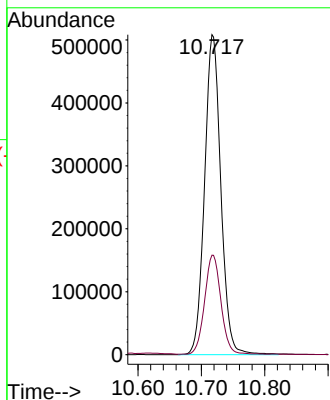
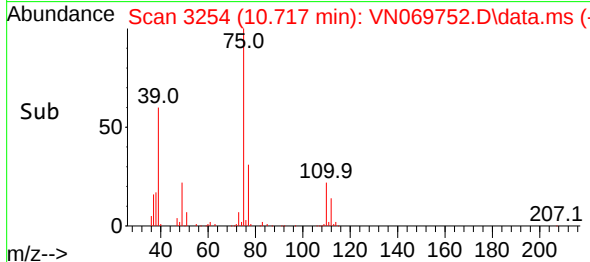
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 75 Resp: 906610
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

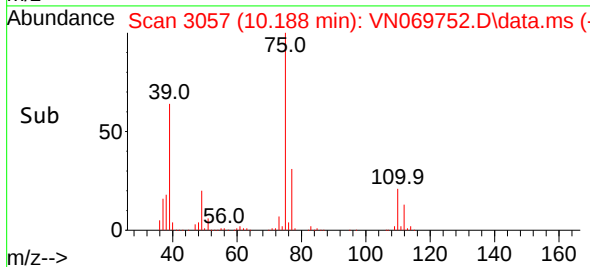
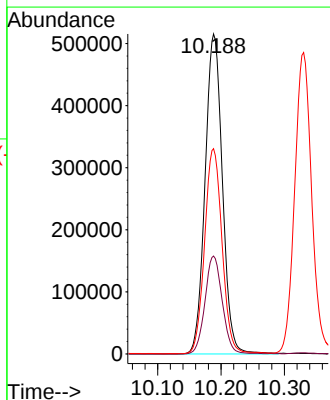
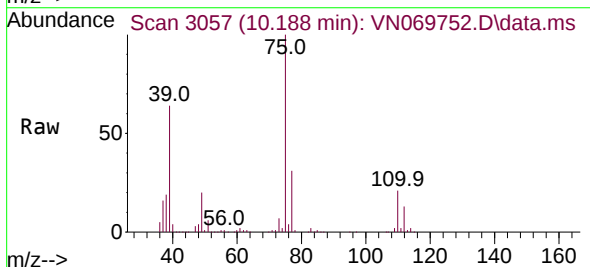
Manual Integrations
APPROVED

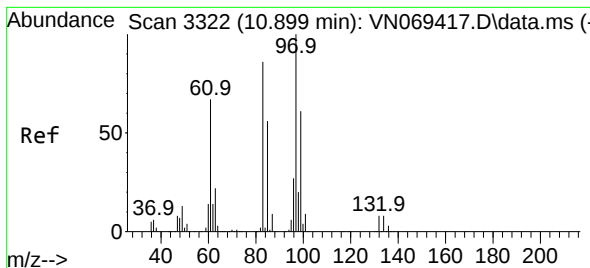
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#54
cis-1,3-Dichloropropene
Concen: 45.110 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

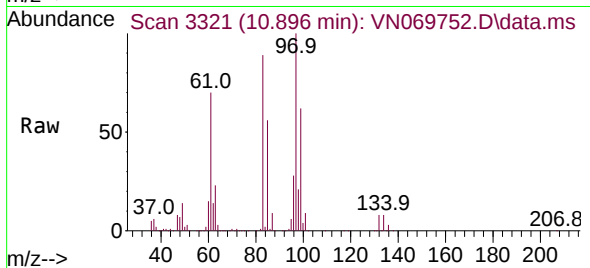
Tgt Ion: 75 Resp: 980048
Ion Ratio Lower Upper
75 100
77 30.6 26.4 39.6
39 64.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 49.090 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

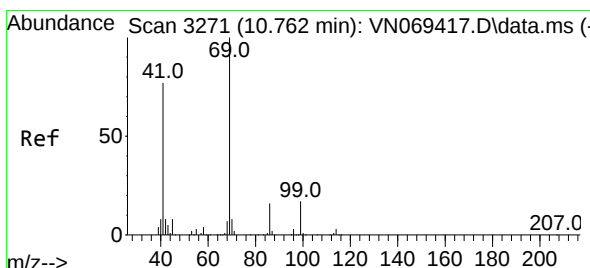
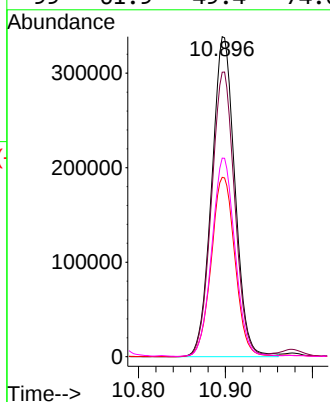
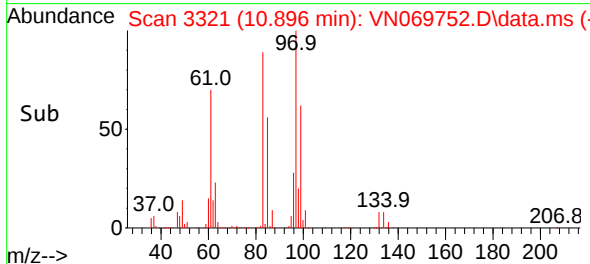
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



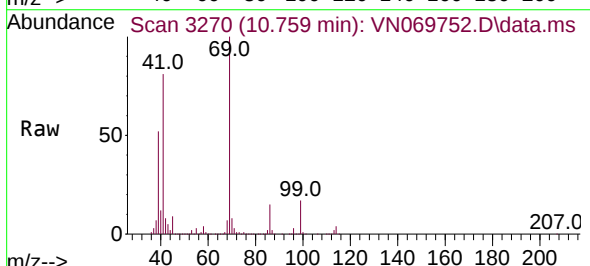
Tgt Ion: 97 Resp: 626909
Ion Ratio Lower Upper
97 100
83 88.9 67.8 101.6
85 56.0 45.4 68.2
99 61.9 49.4 74.0

Manual Integrations
APPROVED

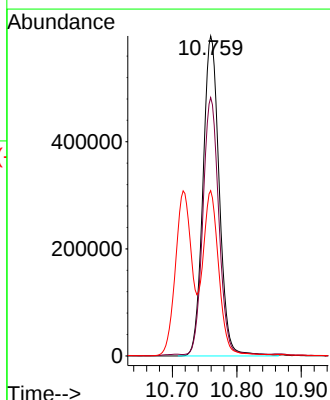
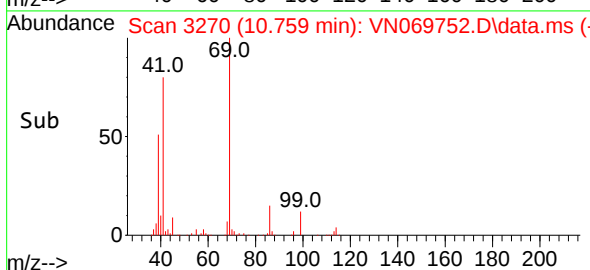
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

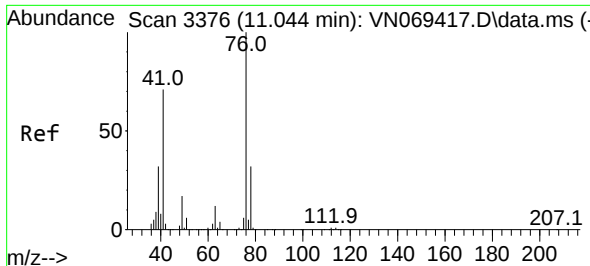


#56
Ethyl methacrylate
Concen: 43.738 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



Tgt Ion: 69 Resp: 1046700
Ion Ratio Lower Upper
69 100
41 78.5 51.4 77.0#
39 48.3 34.6 52.0





#57

1,3-Dichloropropane

Concen: 49.006 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

Tgt Ion: 76 Resp: 110196

Ion Ratio Lower Upper

76 100

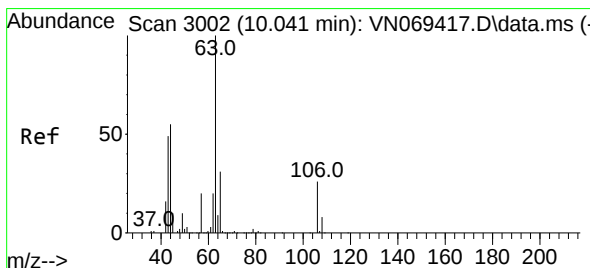
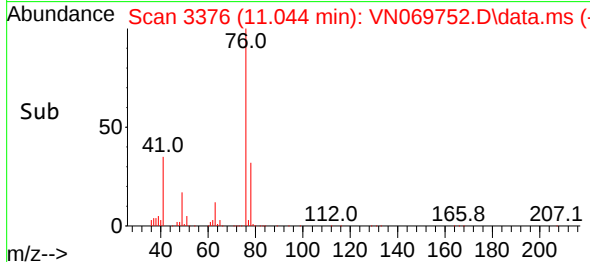
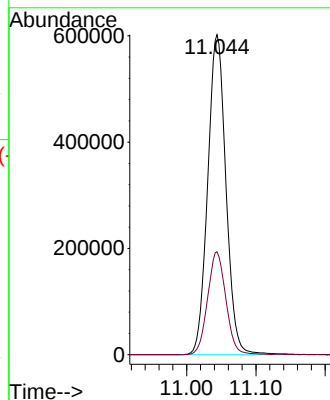
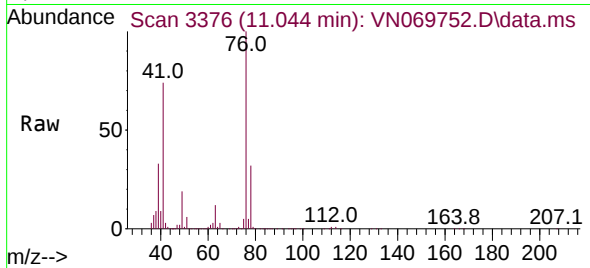
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 18.478 ug/l

RT: 10.060 min Scan# 3009

Delta R.T. 0.017 min

Lab File: VN069752.D

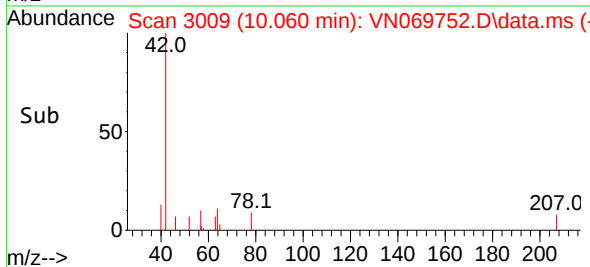
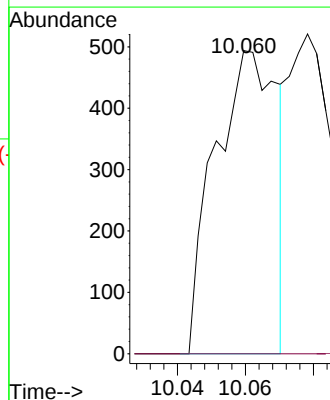
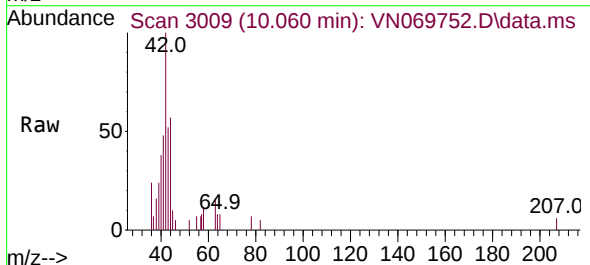
Acq: 4 Dec 2021 6:29

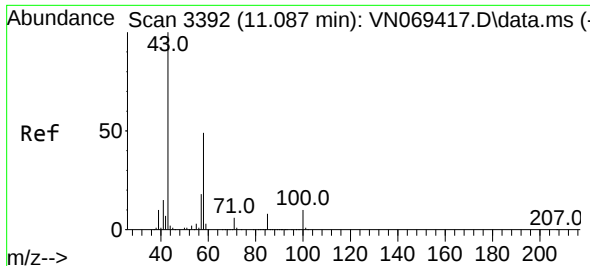
Tgt Ion: 63 Resp: 626

Ion Ratio Lower Upper

63 100

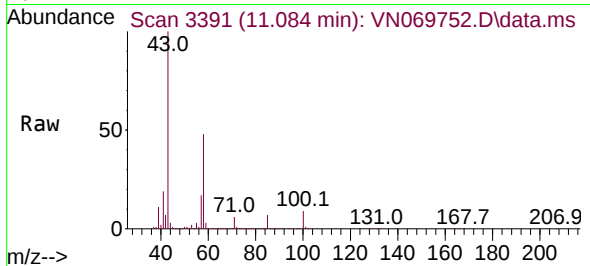
106 0.0 23.9 35.9#





#59
2-Hexanone
Concen: 216.527 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

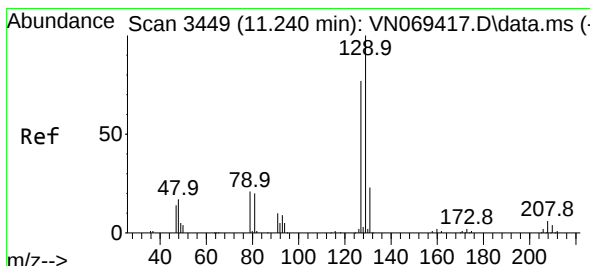
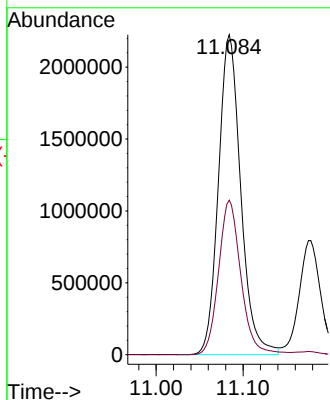
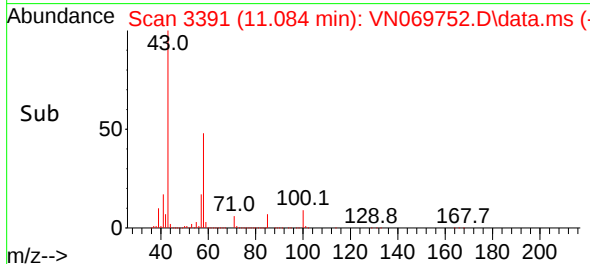
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 43 Resp: 396956
Ion Ratio Lower Upper
43 100
58 48.4 26.9 80.7

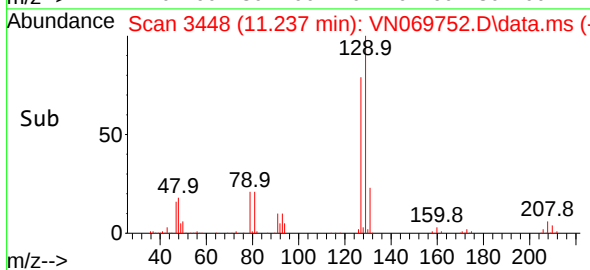
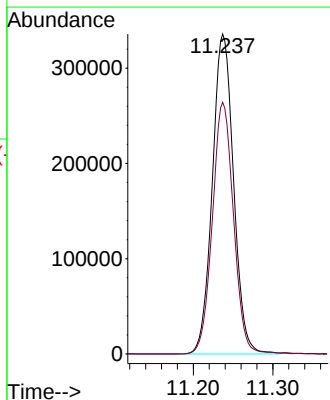
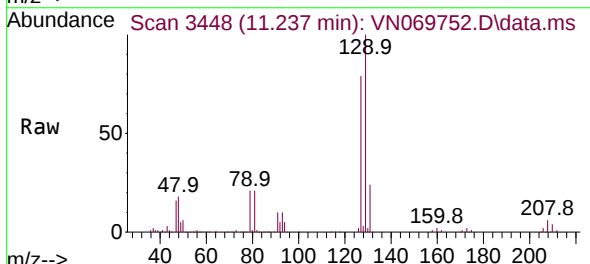
Manual Integrations
APPROVED

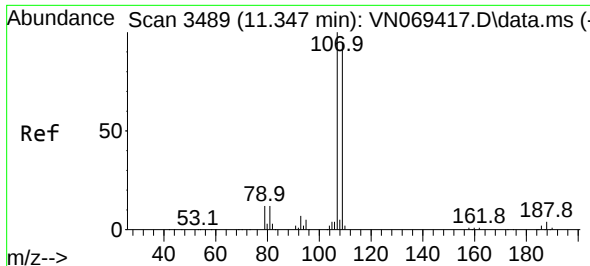
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 45.755 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

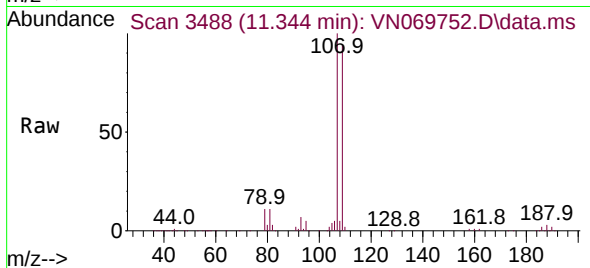
Tgt Ion:129 Resp: 623171
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.400 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

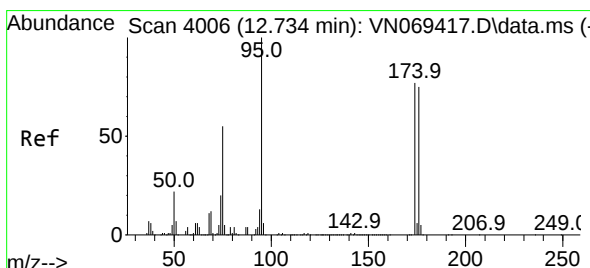
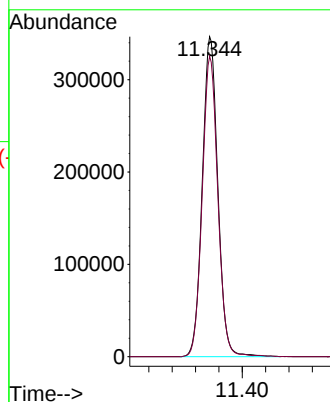
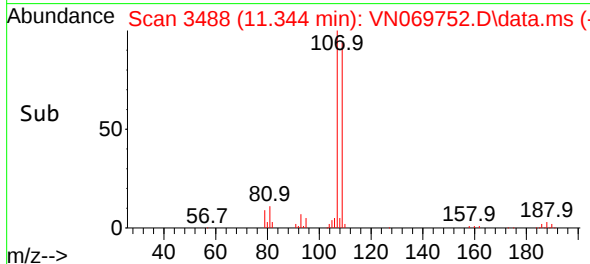
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



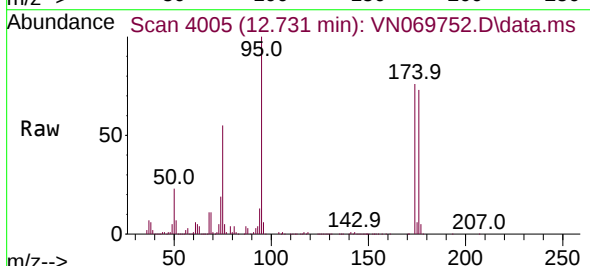
Tgt Ion:107 Resp: 640200
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

Manual Integrations
APPROVED

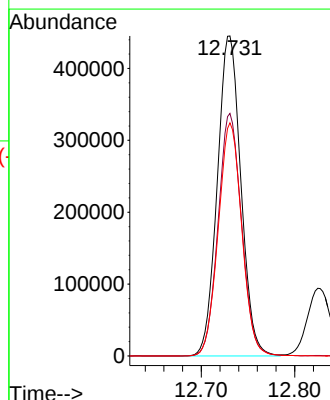
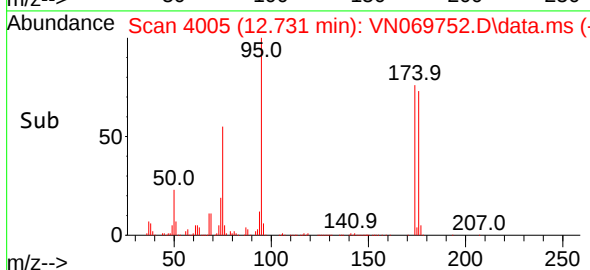
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

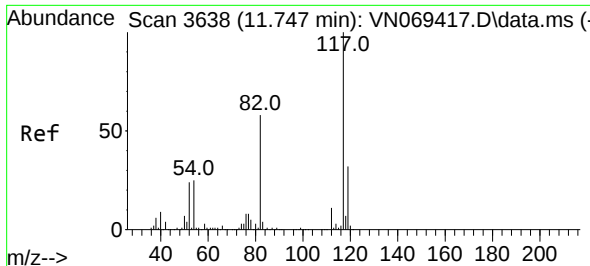


#62
4-Bromofluorobenzene
Concen: 48.212 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



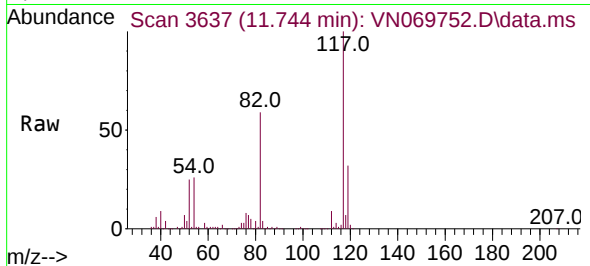
Tgt Ion: 95 Resp: 782681
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

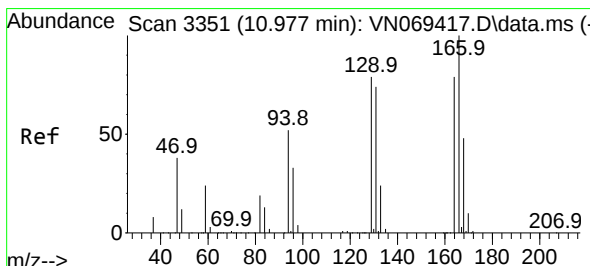
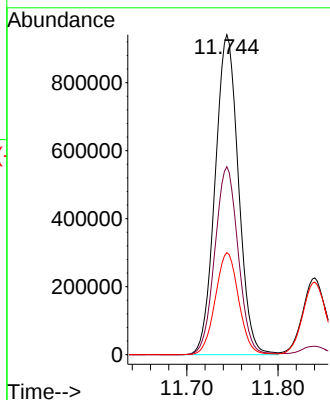
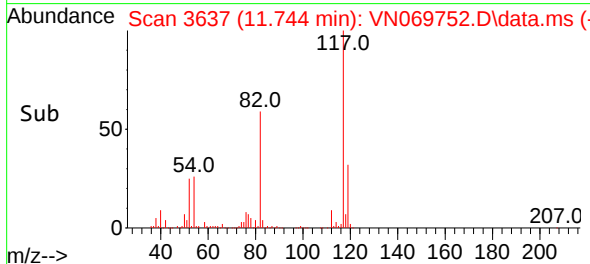
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion:117 Resp: 1671420
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.9 25.4 38.2

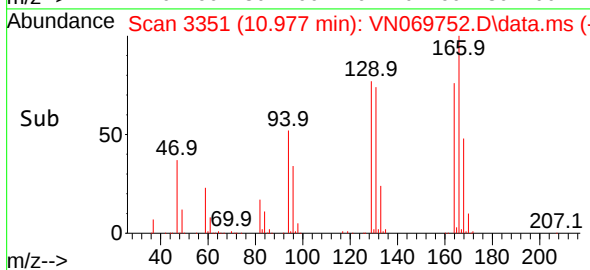
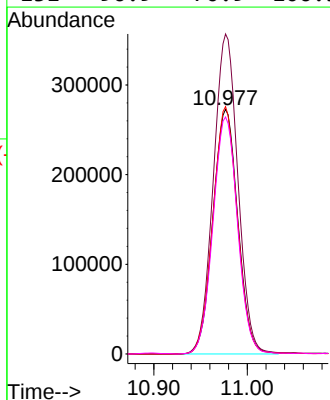
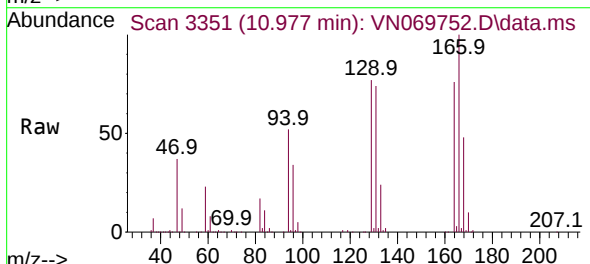
Manual Integrations
APPROVED

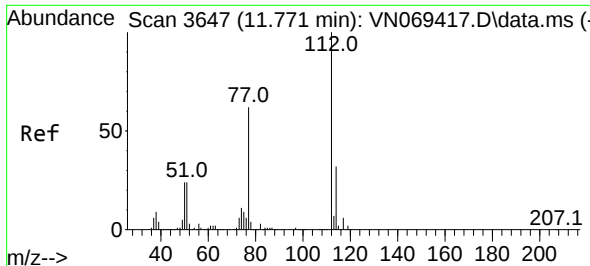
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 44.603 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

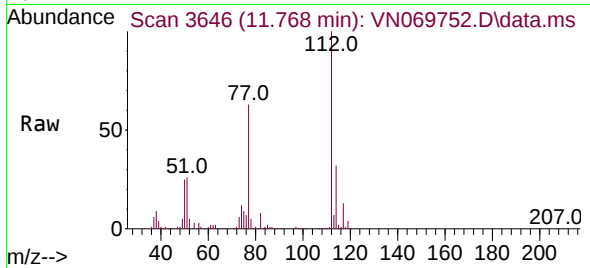
Tgt Ion:164 Resp: 505504
Ion Ratio Lower Upper
164 100
166 130.8 101.9 152.9
129 101.1 72.0 108.0
131 96.9 70.9 106.3





#65
Chlorobenzene
Concen: 48.620 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

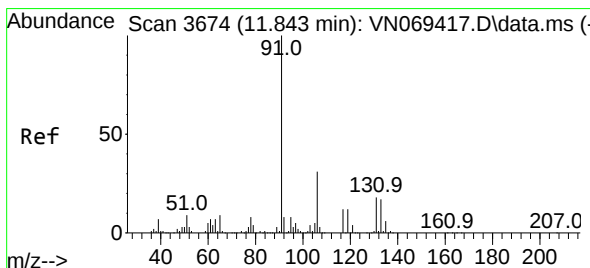
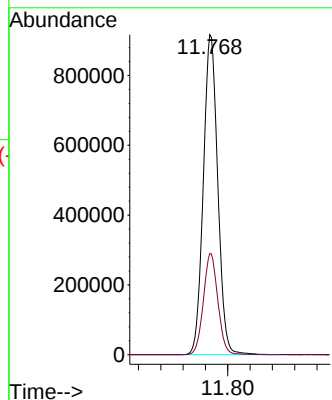
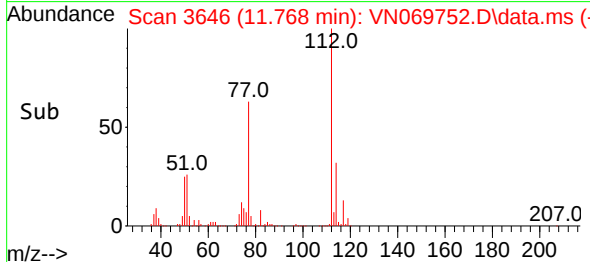
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion:112 Resp: 1648619
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

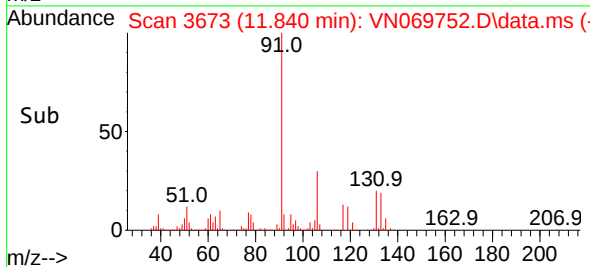
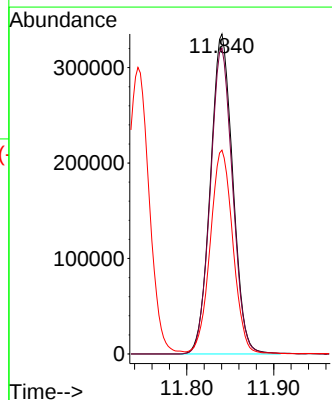
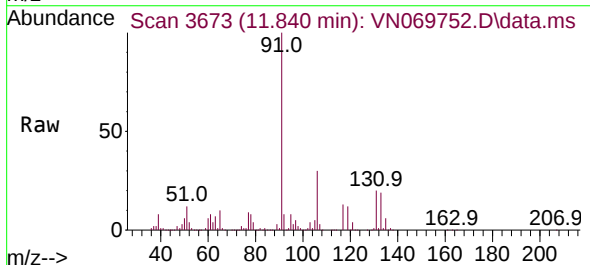
Manual Integrations
APPROVED

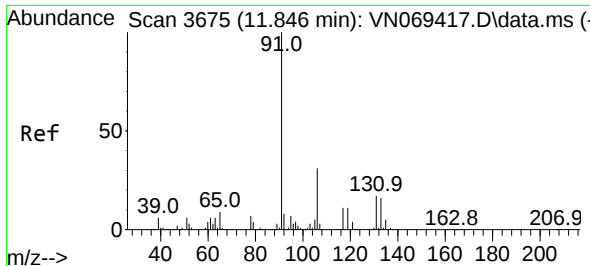
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 50.204 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

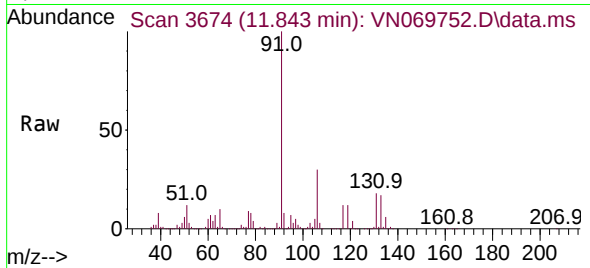
Tgt Ion:131 Resp: 599172
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 50.139 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

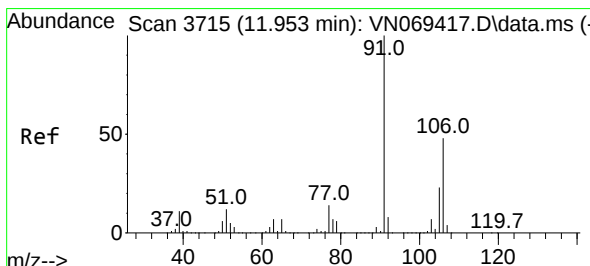
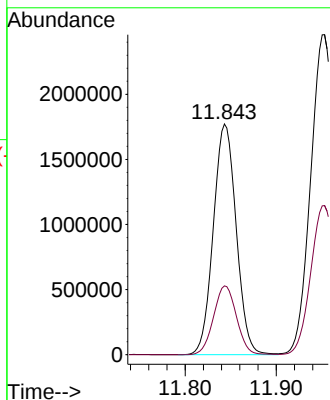
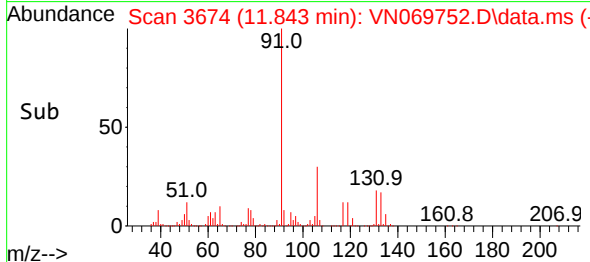
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



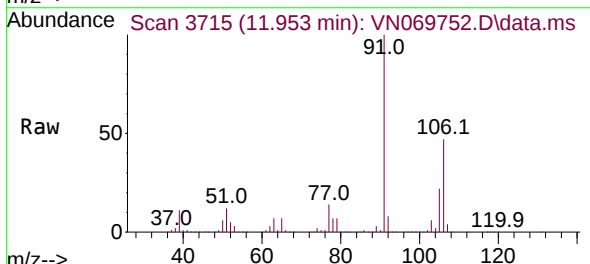
Tgt Ion: 91 Resp: 308822
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

Manual Integrations
APPROVED

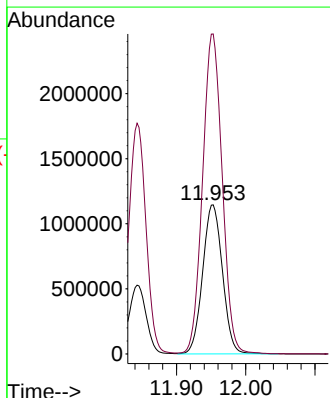
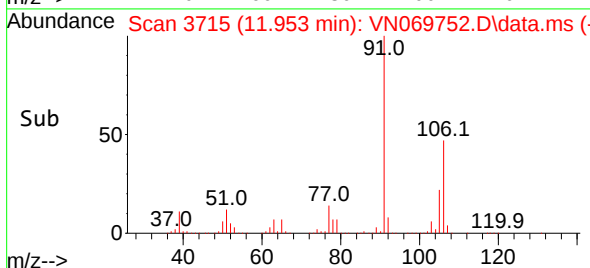
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

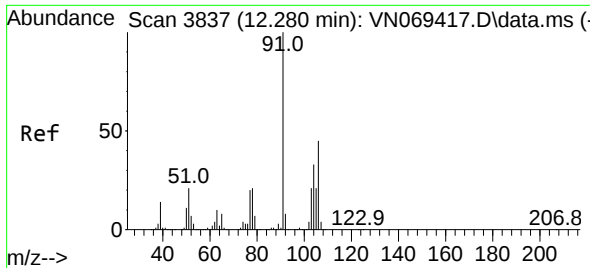


#68
m/p-Xylenes
Concen: 101.288 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



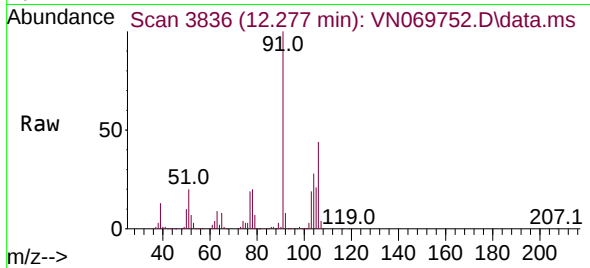
Tgt Ion:106 Resp: 2271547
Ion Ratio Lower Upper
106 100
91 213.2 160.6 240.8





#69
o-Xylene
Concen: 49.701 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

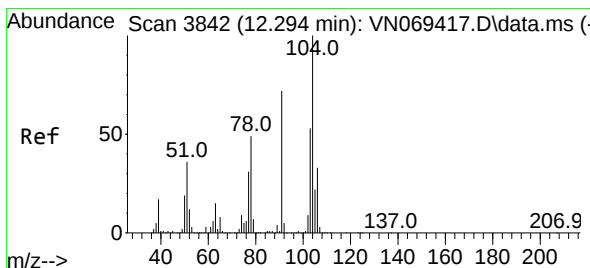
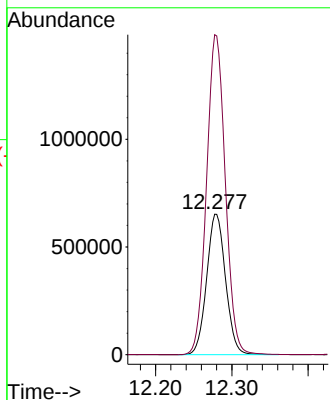
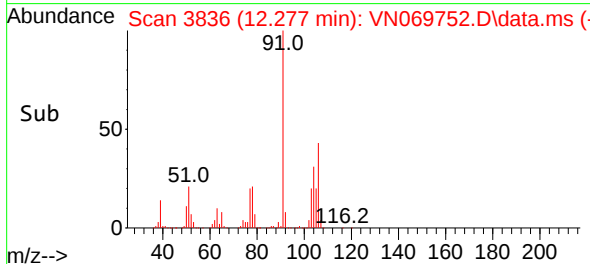
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



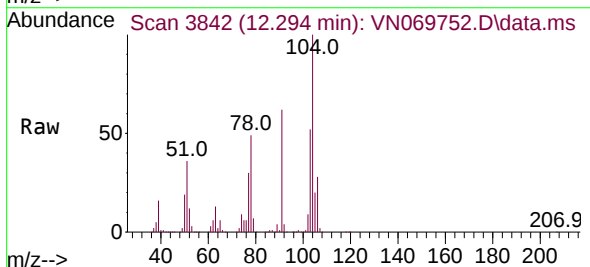
Tgt Ion:106 Resp: 1122740
Ion Ratio Lower Upper
106 100
91 226.1 105.8 317.3

Manual Integrations
APPROVED

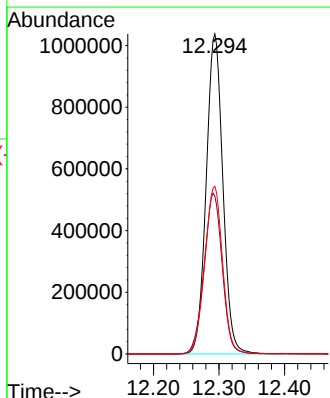
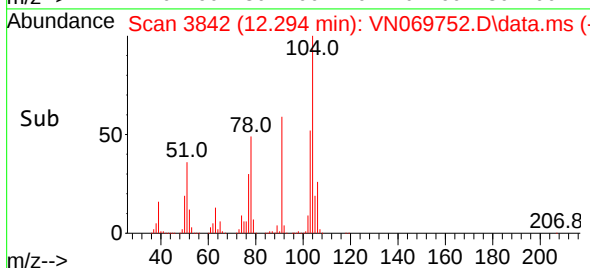
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

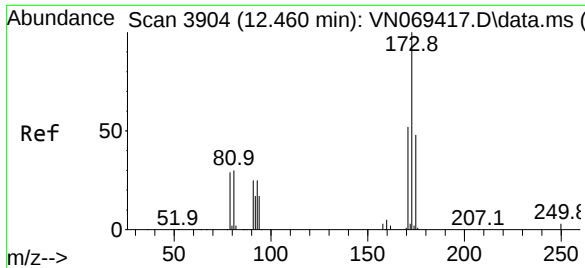


#70
Styrene
Concen: 51.080 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



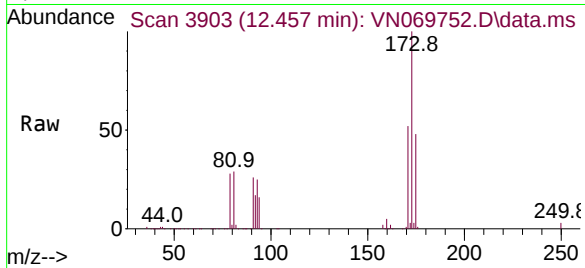
Tgt Ion:104 Resp: 1829725
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 44.406 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

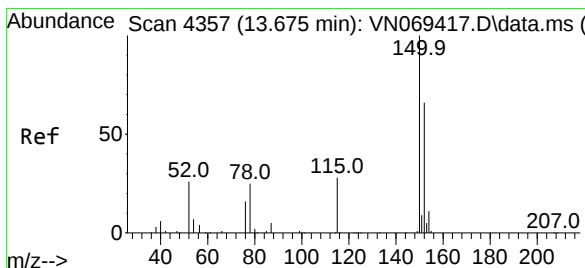
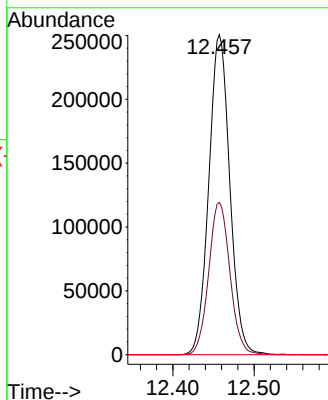
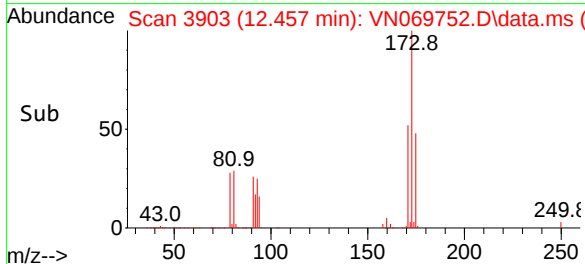
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



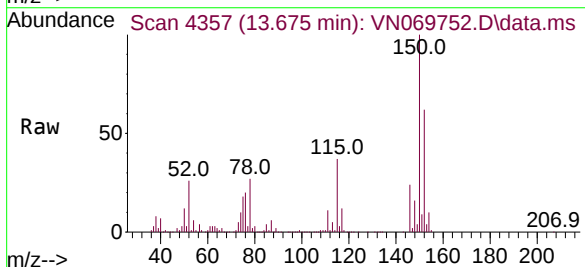
Tgt Ion:173 Resp: 449982
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

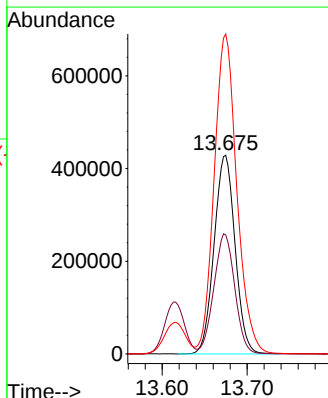
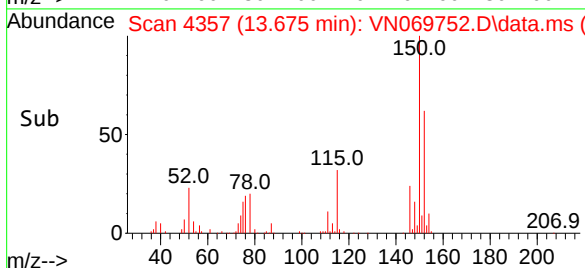
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

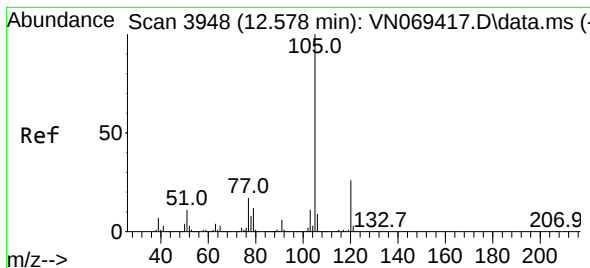


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



Tgt Ion:152 Resp: 736755
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 174.1 0.0 344.4





#73

Isopropylbenzene

Concen: 45.325 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.003 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

Tgt Ion:105 Resp: 2971099

Ion Ratio Lower Upper

105 100

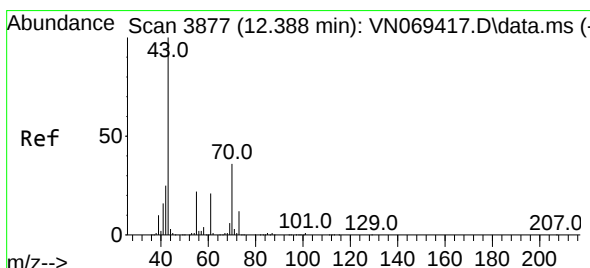
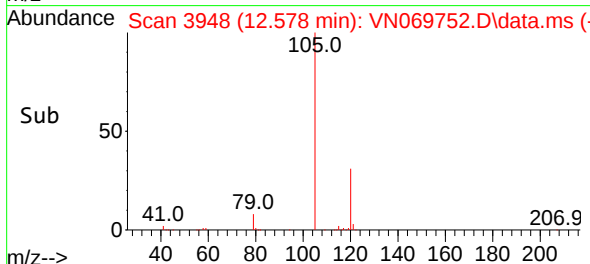
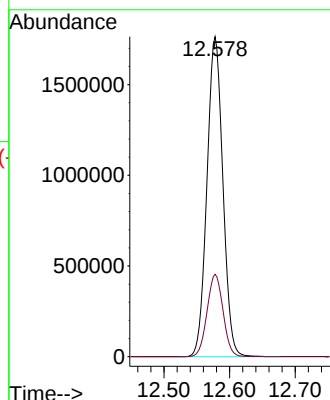
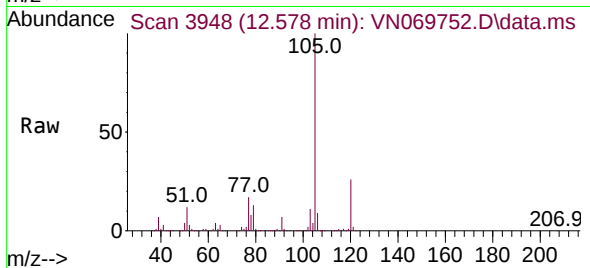
120 25.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#74

N-ethyl acetate

Concen: 39.758 ug/l

RT: 12.387 min Scan# 3877

Delta R.T. 0.000 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Tgt Ion: 43 Resp: 1152549

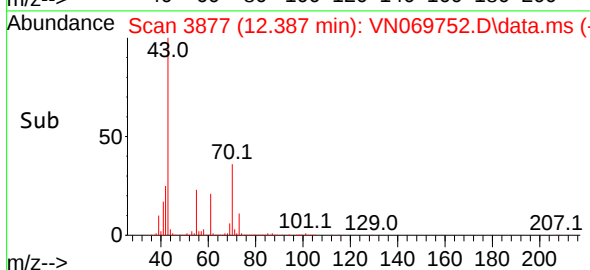
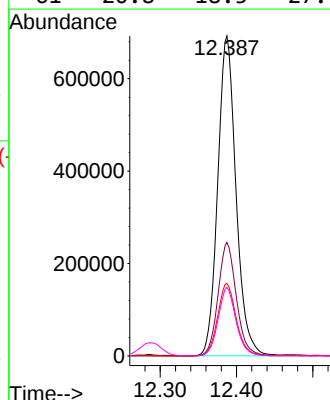
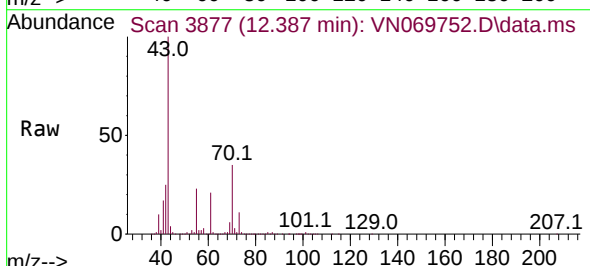
Ion Ratio Lower Upper

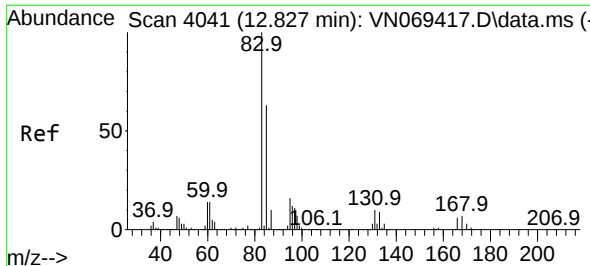
43 100

70 35.5 33.4 50.0

55 23.1 19.3 28.9

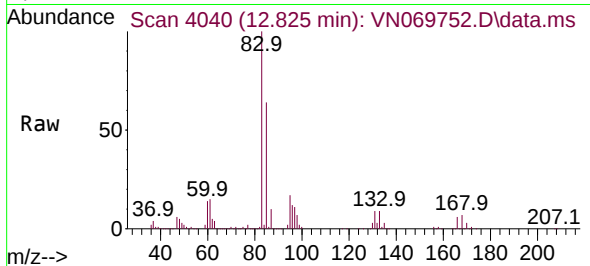
61 20.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 43.442 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

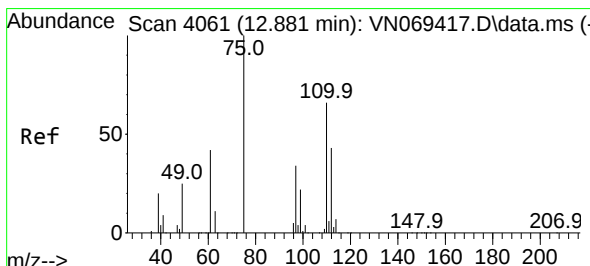
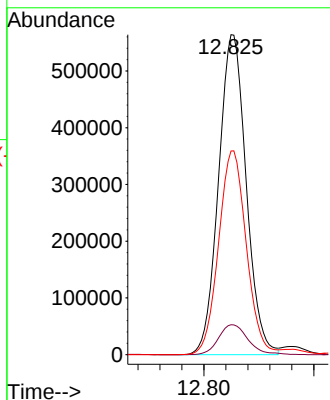
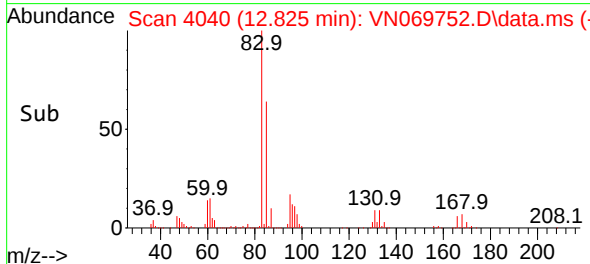
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 83 Resp: 984710
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.9 32.4 97.2

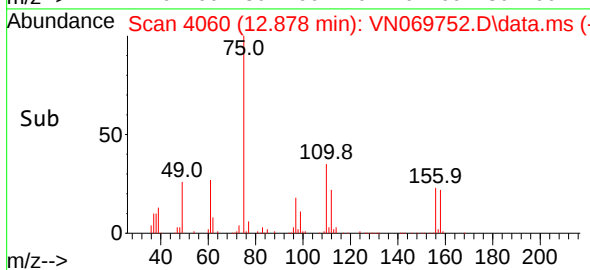
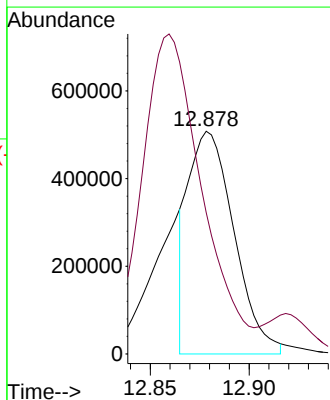
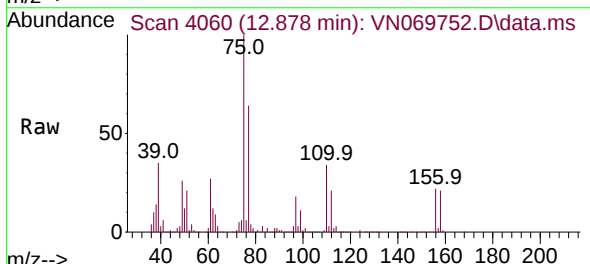
Manual Integrations
APPROVED

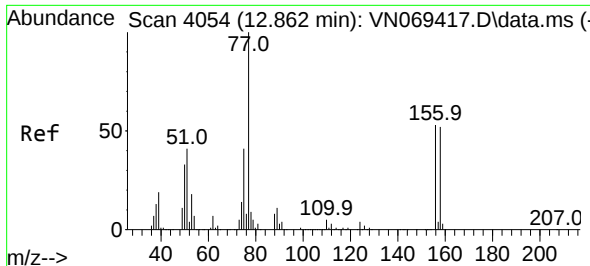
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#76
1,2,3-Trichloropropane
Concen: 38.791 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Tgt Ion: 75 Resp: 819588
Ion Ratio Lower Upper
75 100
77 187.4 82.6 247.8





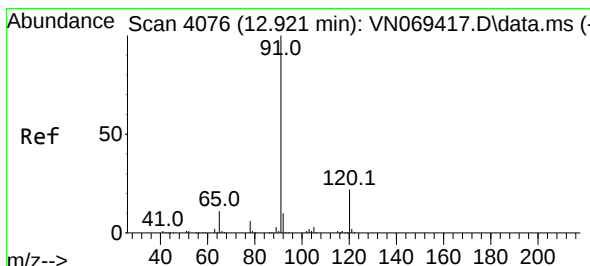
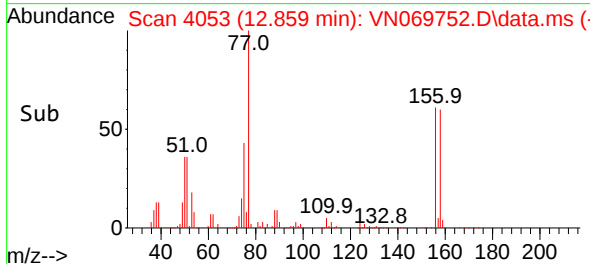
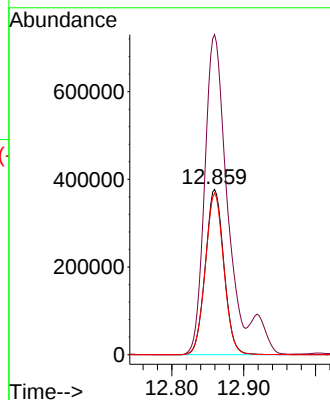
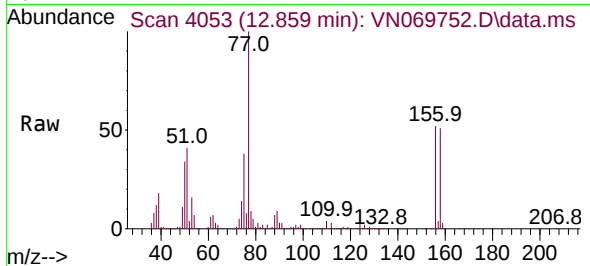
#77
Bromobenzene
Concen: 43.979 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:156 Resp: 67713
Ion Ratio Lower Upper
156 100
77 226.9 90.6 271.8
158 97.6 48.9 146.7

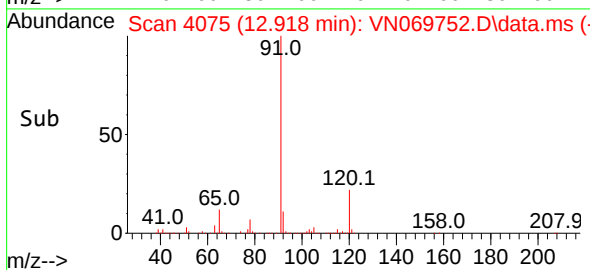
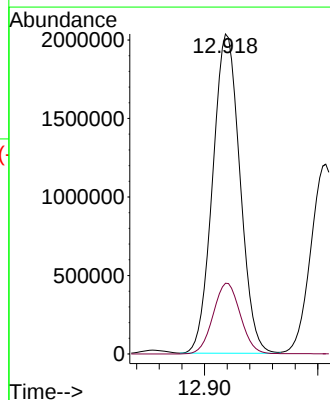
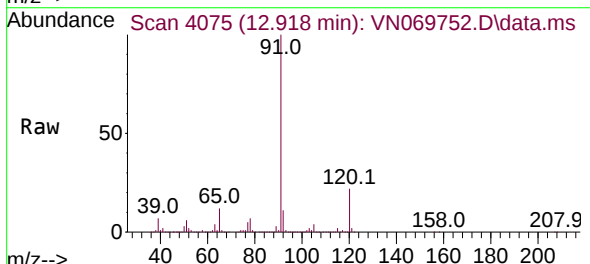
Manual Integrations
APPROVED

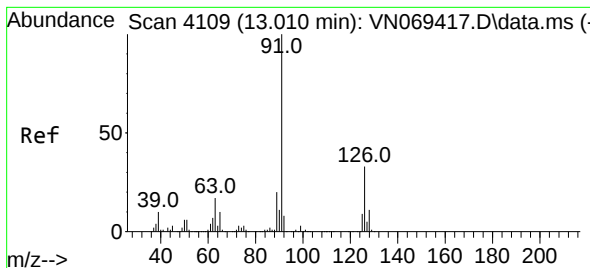
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 46.665 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Tgt Ion: 91 Resp: 3403875
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





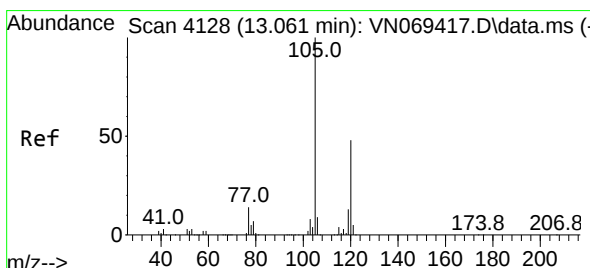
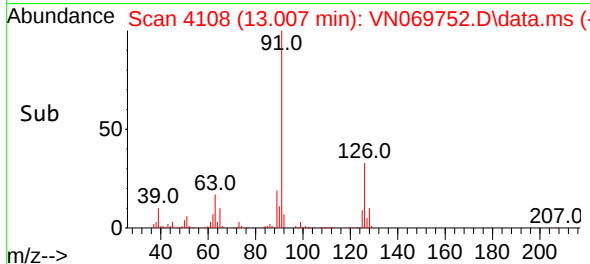
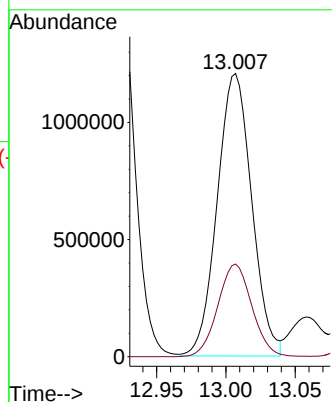
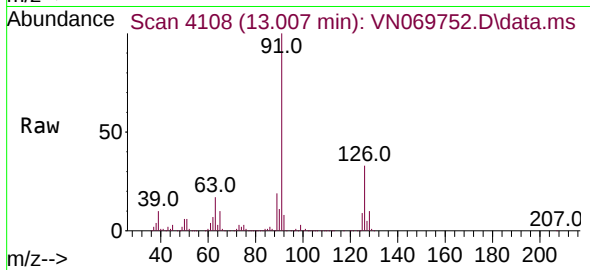
#79
2-Chlorotoluene
Concen: 45.403 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion: 91 Resp: 209266
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

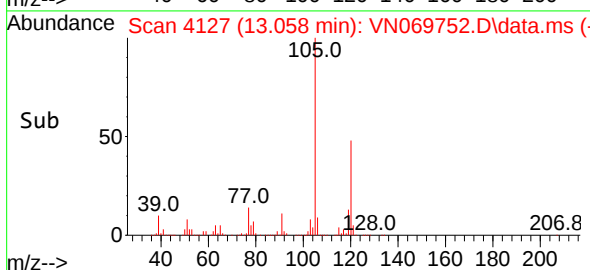
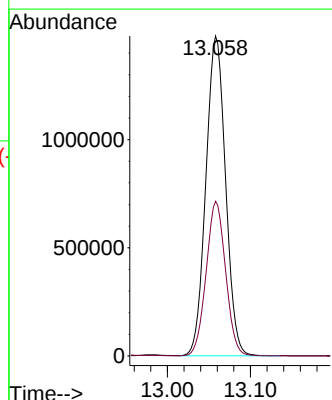
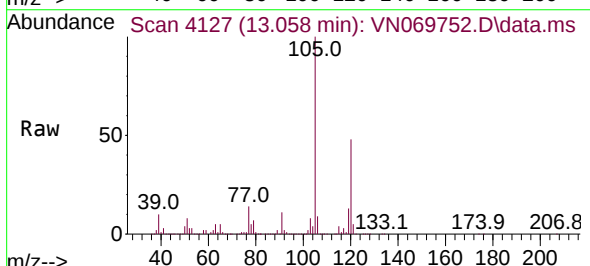
Manual Integrations
APPROVED

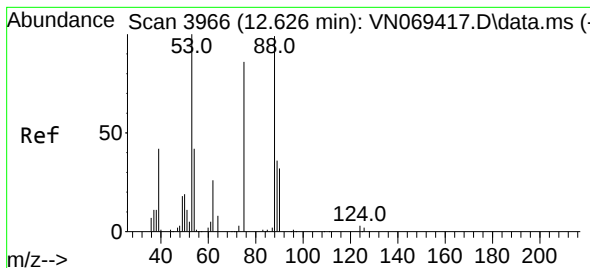
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 45.966 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

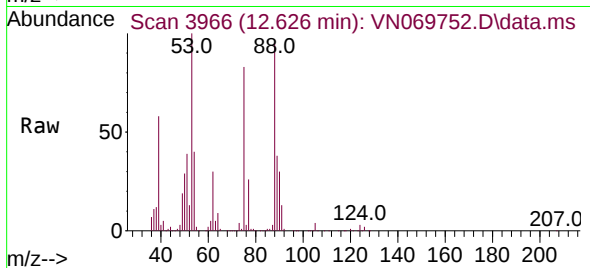
Tgt Ion:105 Resp: 2425213
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 38.196 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

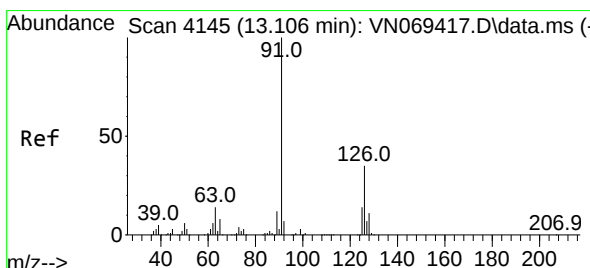
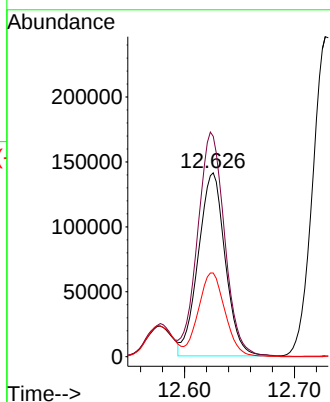
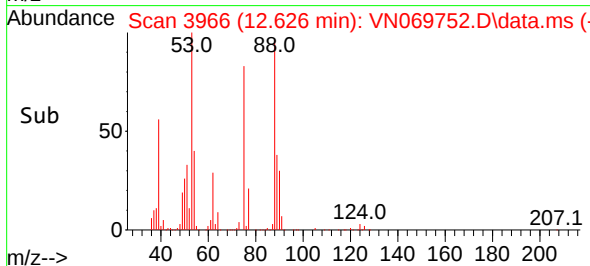
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 75 Resp: 239845
Ion Ratio Lower Upper
75 100
53 123.3 90.5 135.7
89 45.0 38.2 57.4

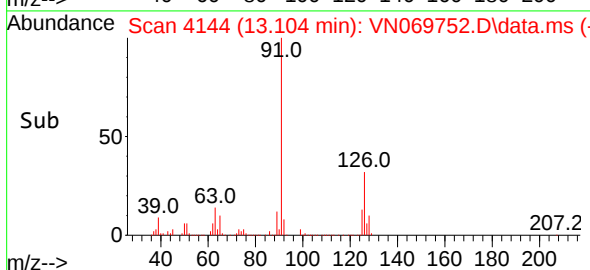
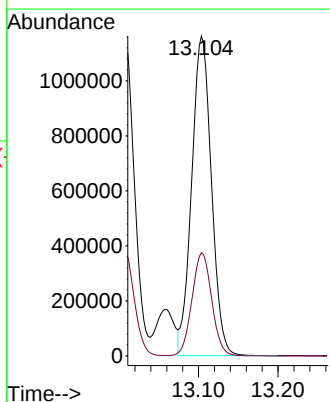
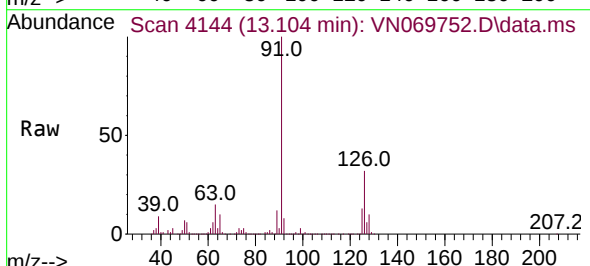
Manual Integrations
APPROVED

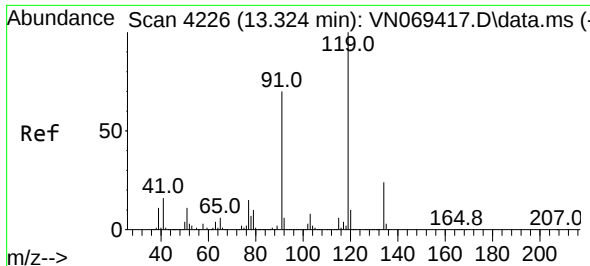
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 46.156 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

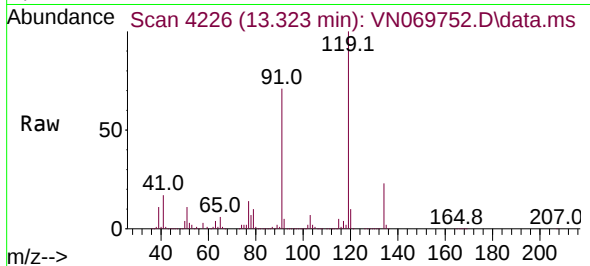
Tgt Ion: 91 Resp: 2000666
Ion Ratio Lower Upper
91 100
126 32.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 45.488 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

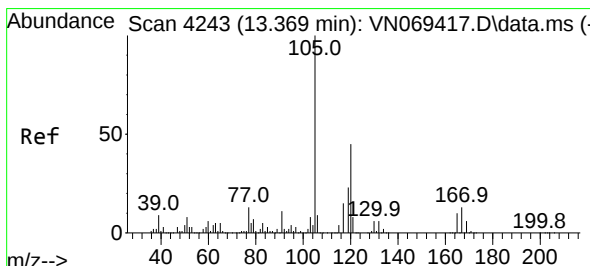
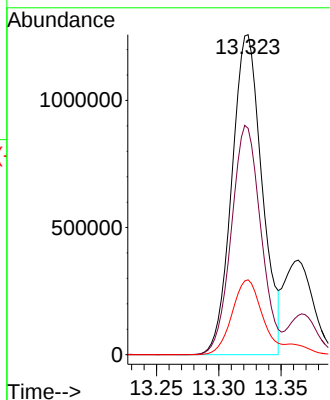
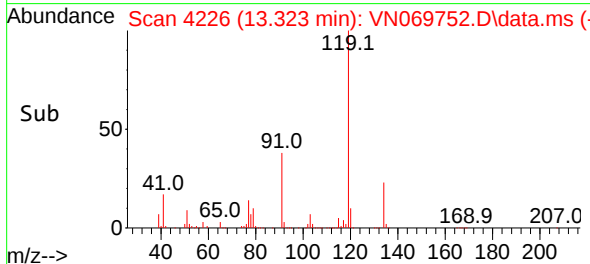
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion:119 Resp: 2125084
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 23.7 12.4 37.4

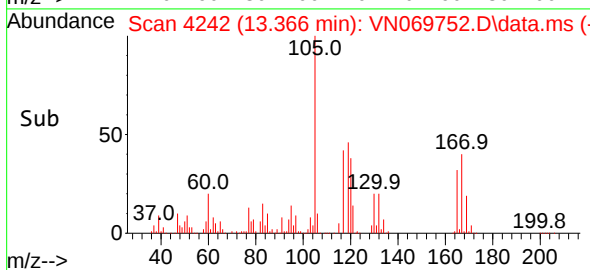
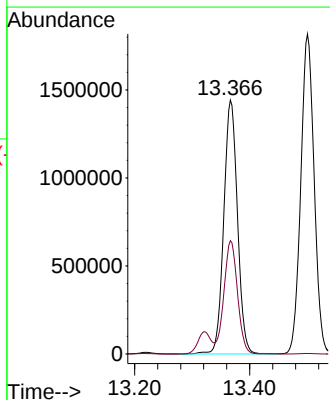
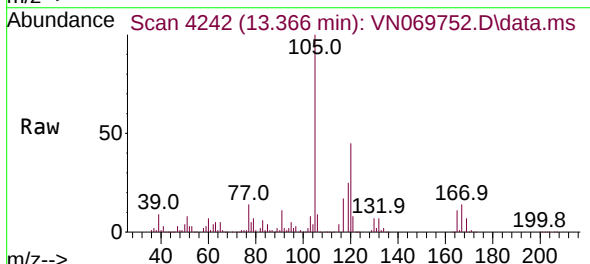
Manual Integrations
APPROVED

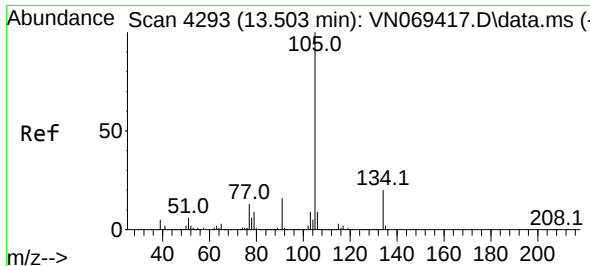
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#84
1,2,4-Trimethylbenzene
Concen: 47.418 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Tgt Ion:105 Resp: 2382588
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





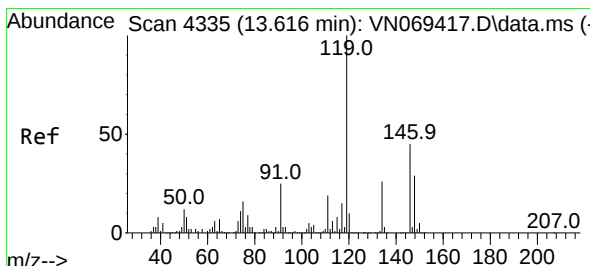
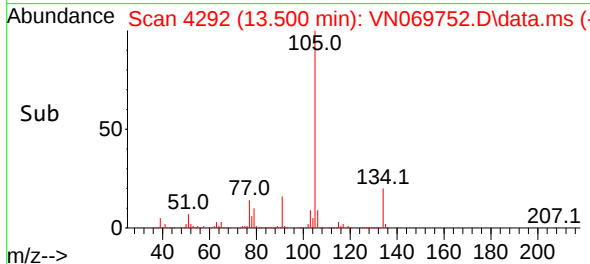
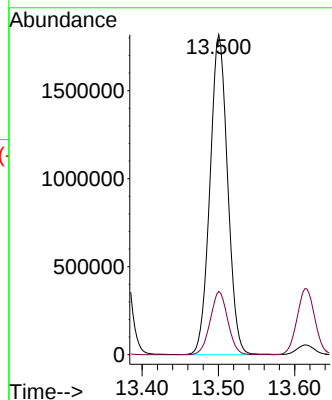
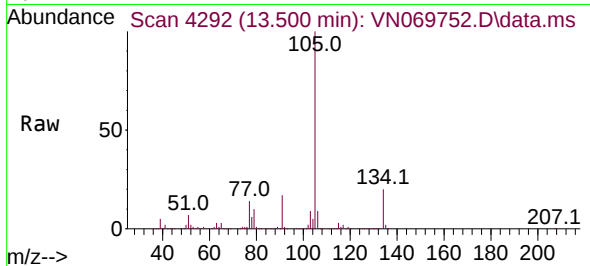
#85
 sec-Butylbenzene
 Concen: 46.101 ug/l
 RT: 13.500 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069752.D
 Acq: 4 Dec 2021 6:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20211130MS

Tgt Ion:105 Resp: 292137
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

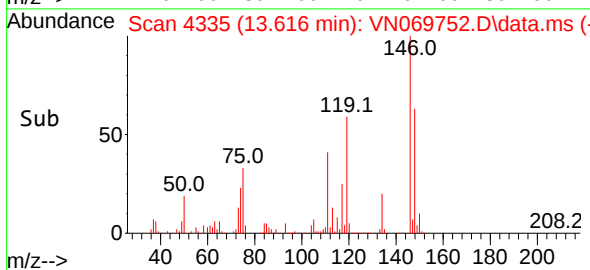
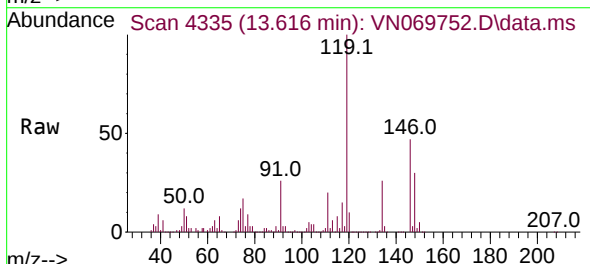
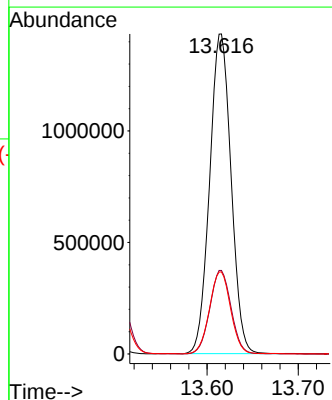
Manual Integrations
 APPROVED

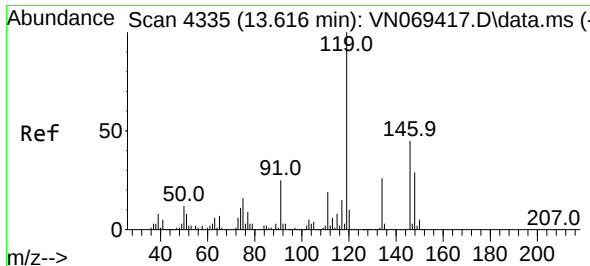
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 47.186 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069752.D
 Acq: 4 Dec 2021 6:29

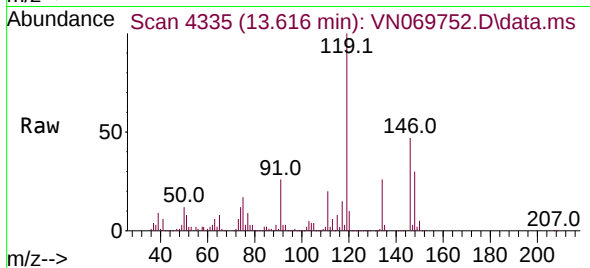
Tgt Ion:119 Resp: 2337224
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 46.305 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

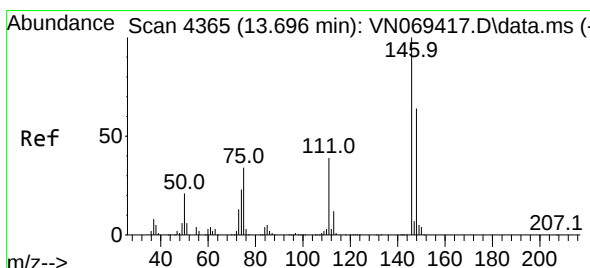
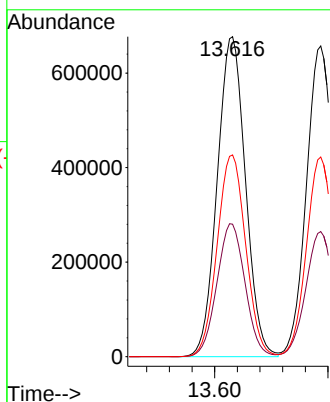
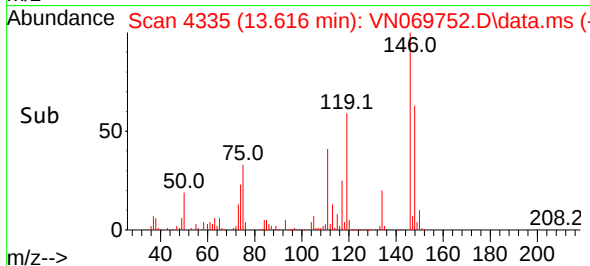
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion:146 Resp: 1171259
Ion Ratio Lower Upper
146 100
111 41.5 18.6 55.6
148 63.8 31.6 95.0

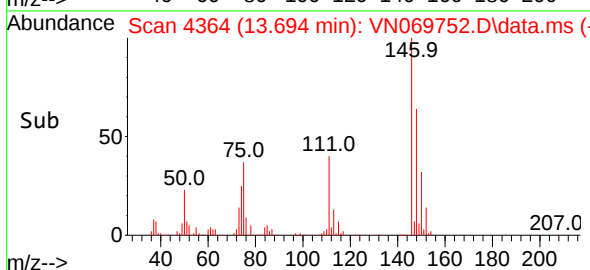
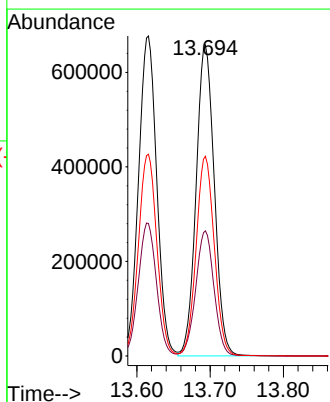
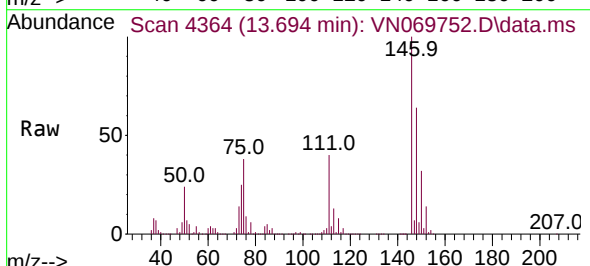
Manual Integrations
APPROVED

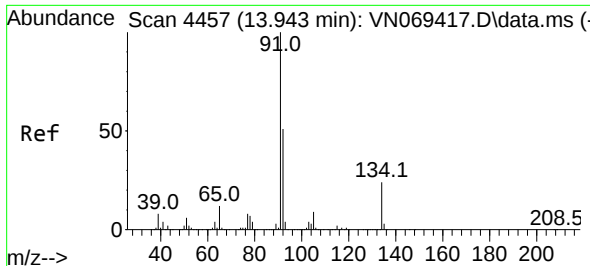
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#88
1,4-Dichlorobenzene
Concen: 45.606 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

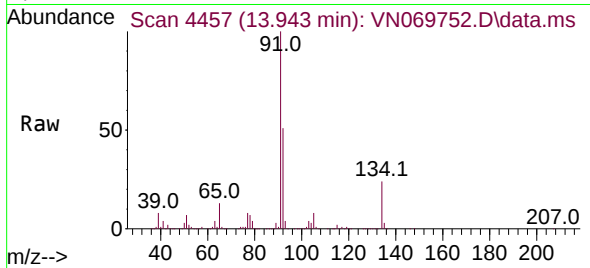
Tgt Ion:146 Resp: 1133659
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 46.407 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

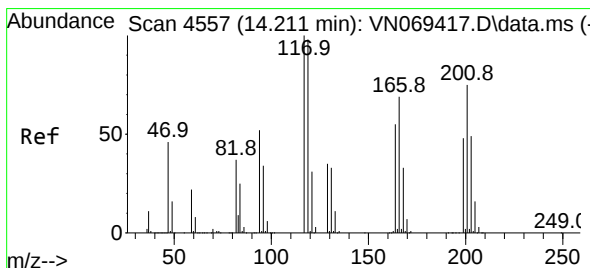
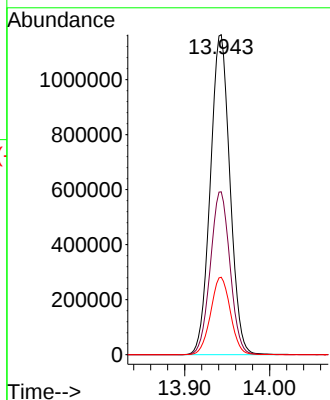
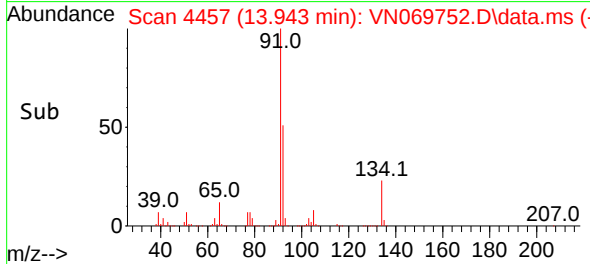
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



Tgt Ion: 91 Resp: 186464
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 24.4 13.6 40.8

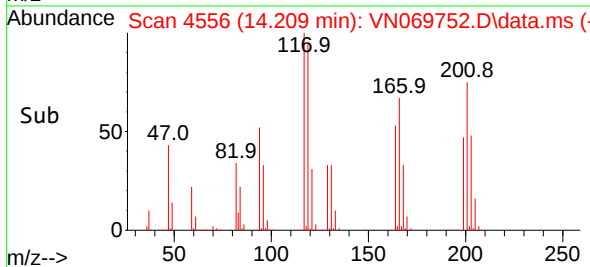
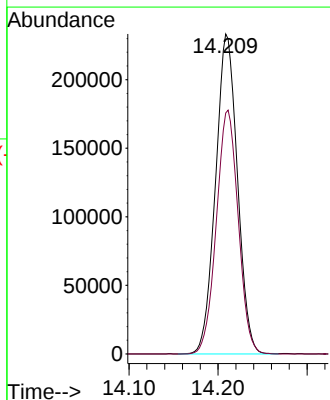
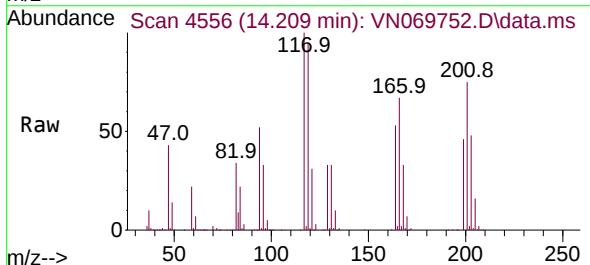
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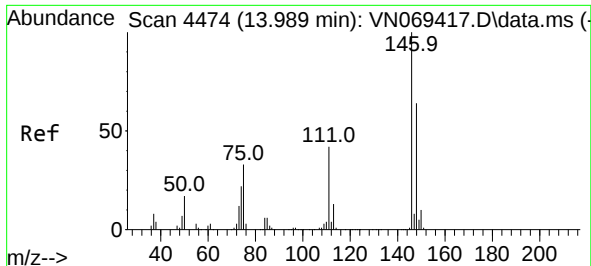
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 45.886 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Tgt Ion:117 Resp: 399045
Ion Ratio Lower Upper
117 100
201 76.1 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 46.188 ug/l

RT: 13.986 min Scan# 4474

Delta R.T. -0.003 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MS

Tgt Ion:146 Resp: 1138339

Ion Ratio Lower Upper

146 100

111 43.3 19.1 57.3

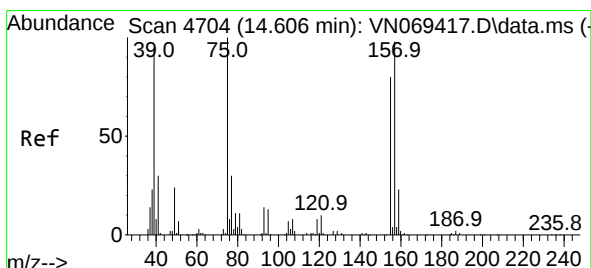
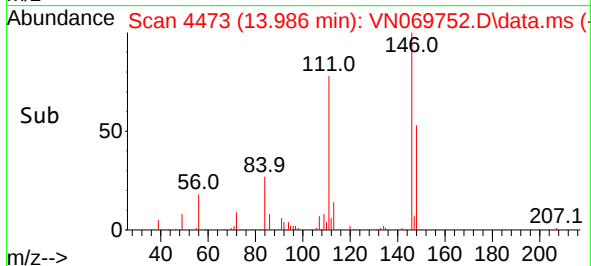
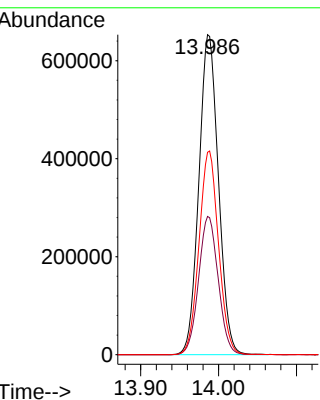
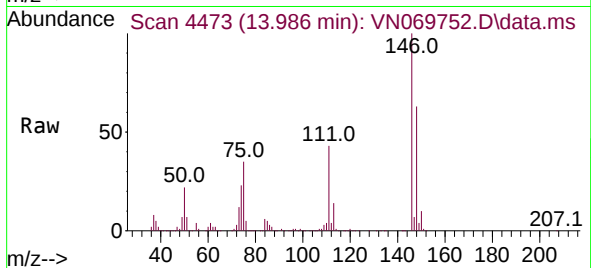
148 63.5 32.1 96.3

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.580 ug/l

RT: 14.603 min Scan# 4703

Delta R.T. 0.000 min

Lab File: VN069752.D

Acq: 4 Dec 2021 6:29

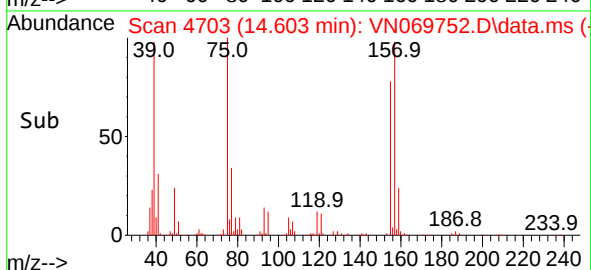
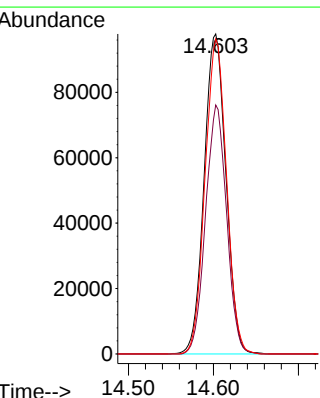
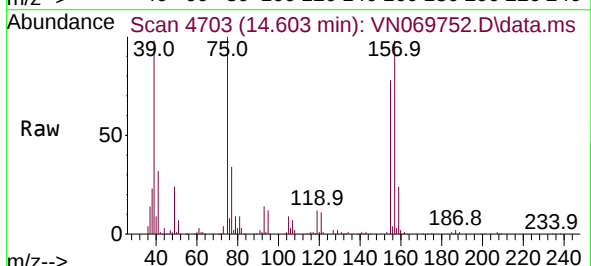
Tgt Ion: 75 Resp: 174410

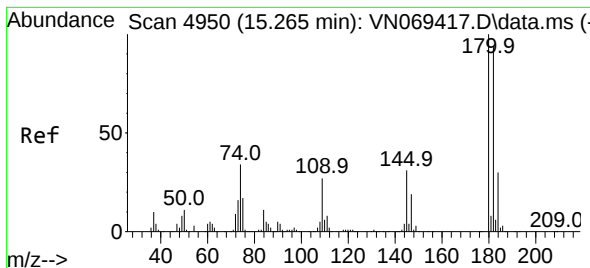
Ion Ratio Lower Upper

75 100

155 75.2 46.9 140.7

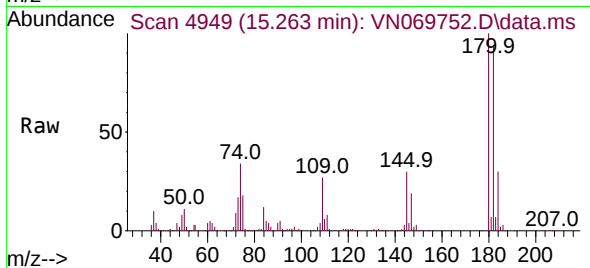
157 96.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 40.961 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

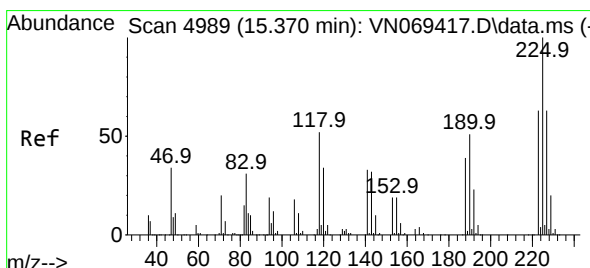
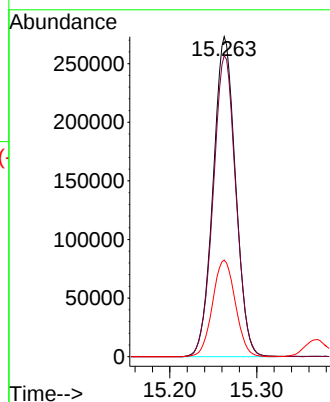
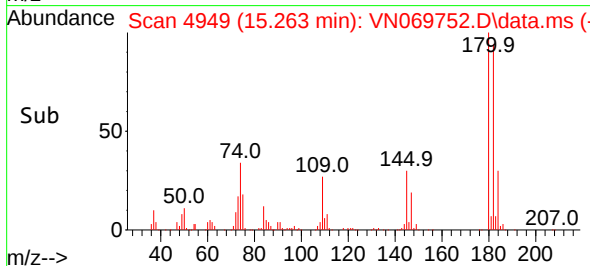
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS



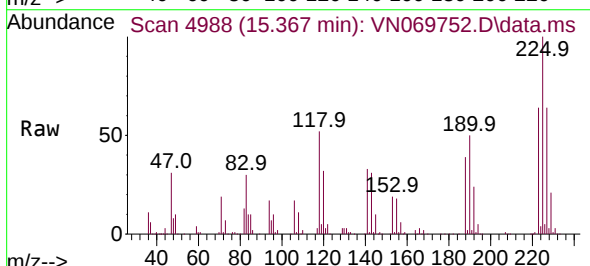
Tgt Ion:180 Resp: 48845
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 30.8 14.5 43.5

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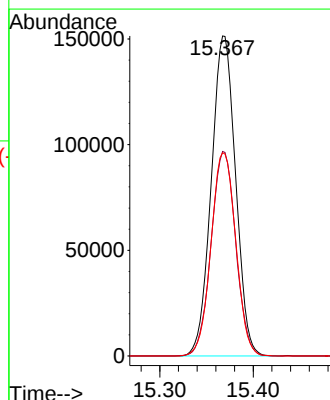
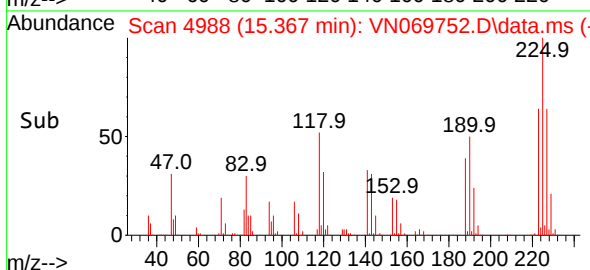
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

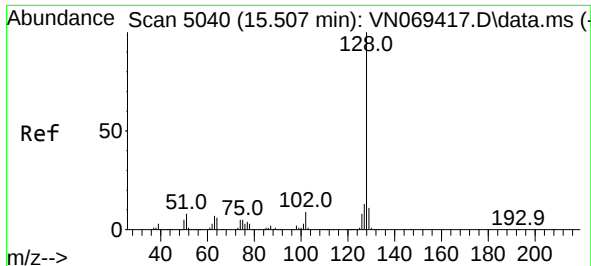


#94
Hexachlorobutadiene
Concen: 41.952 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29



Tgt Ion:225 Resp: 274018
Ion Ratio Lower Upper
225 100
223 64.6 31.9 95.7
227 64.6 32.1 96.3





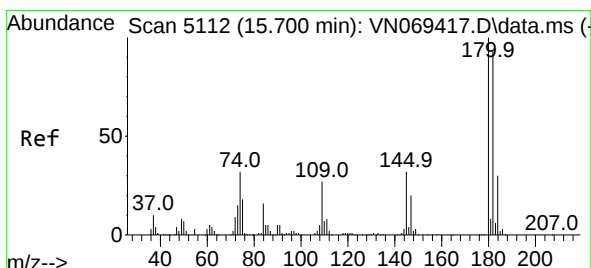
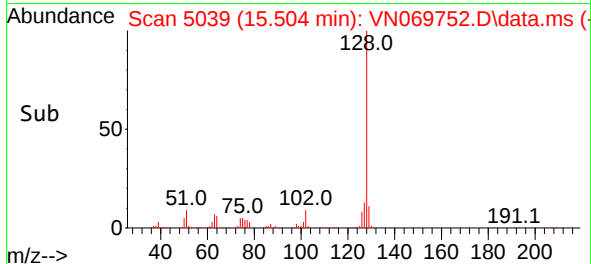
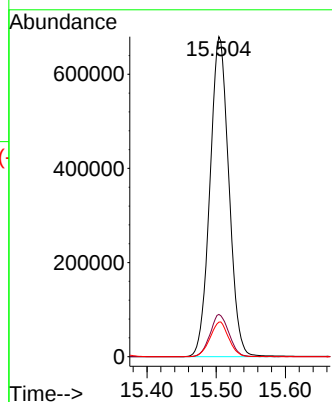
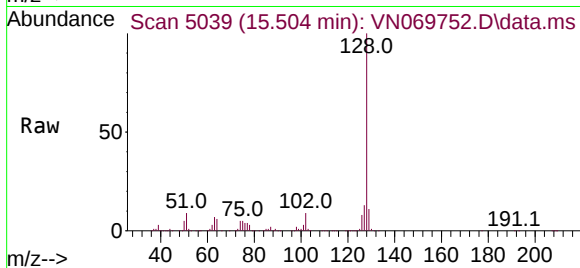
#95
Naphthalene
Concen: 36.920 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:128 Resp: 128850
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 40.527 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069752.D
Acq: 4 Dec 2021 6:29

Tgt Ion:180 Resp: 471719
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 32.8 15.0 45.1

