

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069753.D
 Acq On : 4 Dec 2021 6:55
 Operator : JC/MD
 Sample : M4922-19MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20211130MSD

Quant Time: Dec 04 07:22:16 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	1056609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1775376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1660582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	718209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	777595	47.664	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.320%		
35) Dibromofluoromethane	8.021	113	537974	48.376	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.760%		
50) Toluene-d8	10.440	98	2124342	47.575	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.140%		
62) 4-Bromofluorobenzene	12.728	95	773884	47.839	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	638095	51.778	ug/l	100
3) Chloromethane	2.303	50	717480	46.471	ug/l	99
4) Vinyl Chloride	2.448	62	700217	49.323	ug/l	98
5) Bromomethane	2.850	94	327267	42.432	ug/l	99
6) Chloroethane	3.019	64	421533	48.455	ug/l	96
7) Trichlorofluoromethane	3.379	101	906556	48.655	ug/l	98
8) Diethyl Ether	3.824	74	356754	49.714	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	551740	52.826	ug/l	95
10) Methyl Iodide	4.419	142	593037	41.563	ug/l	97
11) Tert butyl alcohol	5.377	59	602427	195.355	ug/l	99
12) 1,1-Dichloroethene	4.183	96	525597	52.222	ug/l	88
13) Acrolein	4.041	56	424499	161.647	ug/l	97
14) Allyl chloride	4.840	41	1092113	48.155	ug/l	95
15) Acrylonitrile	5.554	53	1849952	222.628	ug/l	98
16) Acetone	4.285	43	1744162	177.728	ug/l	97
17) Carbon Disulfide	4.529	76	1354535	52.094	ug/l	100
18) Methyl Acetate	4.854	43	1154183	38.964	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	1933329	49.403	ug/l	97
20) Methylene Chloride	5.095	84	614909	47.134	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	543653	49.732	ug/l	86
22) Diisopropyl ether	6.495	45	2243024	50.601	ug/l	93
23) Vinyl Acetate	6.433	43	8079419	224.034	ug/l	94
24) 1,1-Dichloroethane	6.388	63	1165595	50.761	ug/l	98
25) 2-Butanone	7.335	43	2710562	203.284	ug/l	91
26) 2,2-Dichloropropane	7.327	77	731099	40.950	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	675330	51.132	ug/l	88
28) Bromochloromethane	7.656	49	579821	48.558	ug/l #	79
29) Tetrahydrofuran	7.683	42	1791270	221.236	ug/l	88
30) Chloroform	7.817	83	1164384	50.210	ug/l	100
31) Cyclohexane	8.094	56	1095617	48.258	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	990292	50.132	ug/l	95
36) 1,1-Dichloropropene	8.220	75	846819	50.105	ug/l	96
37) Ethyl Acetate	7.412	43	993876	39.510	ug/l	95
38) Carbon Tetrachloride	8.206	117	867213	52.325	ug/l	100
39) Methylcyclohexane	9.459	83	992075	49.349	ug/l	90
40) Benzene	8.461	78	2545701	49.278	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	526349	44.574	ug/l	90
42) 1,2-Dichloroethane	8.531	62	1018640	48.846	ug/l	96
43) Isopropyl Acetate	8.560	43	1652294	44.386	ug/l #	95
44) Trichloroethene	9.215	130	2764187	224.181	ug/l	90
45) 1,2-Dichloropropane	9.488	63	689983	49.737	ug/l	99
46) Dibromomethane	9.577	93	448763	49.325	ug/l	92
47) Bromodichloromethane	9.762	83	874747	50.781	ug/l	99
48) Methyl methacrylate	9.558	41	813575	46.832	ug/l	89
49) 1,4-Dioxane	9.569	88	249825	801.466	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5600920	231.931	ug/l	95
52) Toluene	10.505	92	1581229	50.135	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	914515	44.461	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	980650	45.290	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	626983	49.270	ug/l	99
56) Ethyl methacrylate	10.759	69	1055841	44.248	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1112195	49.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.059	63	627	18.478	ug/l #	45
59) 2-Hexanone	11.084	43	3999819	218.952	ug/l	93
60) Dibromochloromethane	11.237	129	630810	46.442	ug/l	100
61) 1,2-Dibromoethane	11.344	107	645965	49.009	ug/l	99
64) Tetrachloroethene	10.977	164	520787	46.252	ug/l	96
65) Chlorobenzene	11.768	112	1660299	49.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	601531	50.731	ug/l	100
67) Ethyl Benzene	11.843	91	3092278	50.532	ug/l	96
68) m/p-Xylenes	11.953	106	2268287	101.803	ug/l	92
69) o-Xylene	12.280	106	1134813	50.564	ug/l	92
70) Styrene	12.294	104	1838684	51.666	ug/l	95
71) Bromoform	12.457	173	453352	44.992	ug/l #	100
73) Isopropylbenzene	12.578	105	2975257	46.561	ug/l	98
74) N-amyl acetate	12.387	43	1151705	40.755	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	982176	44.449	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	871105m	42.294	ug/l	
77) Bromobenzene	12.859	156	688172	45.850	ug/l	79
78) n-propylbenzene	12.918	91	3405115	47.887	ug/l	96
79) 2-Chlorotoluene	13.007	91	2079987	46.293	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2433427	47.313	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	244287	39.726	ug/l	94
82) 4-Chlorotoluene	13.103	91	2000404	47.342	ug/l	93
83) tert-Butylbenzene	13.323	119	2114866	46.438	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2386736	48.727	ug/l	98
85) sec-Butylbenzene	13.500	105	2912663	47.151	ug/l	97
86) p-Isopropyltoluene	13.613	119	2331317	48.282	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1159987	47.043	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1125604	46.451	ug/l	97
89) n-Butylbenzene	13.940	91	1843840	47.074	ug/l	98
90) Hexachloroethane	14.208	117	404664	47.734	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1133784	47.191	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	177064	44.345	ug/l	78
93) 1,2,4-Trichlorobenzene	15.262	180	502264	43.049	ug/l	98
94) Hexachlorobutadiene	15.370	225	279413	43.883	ug/l	98
95) Naphthalene	15.504	128	1398885	40.664	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	492299	43.216	ug/l	98

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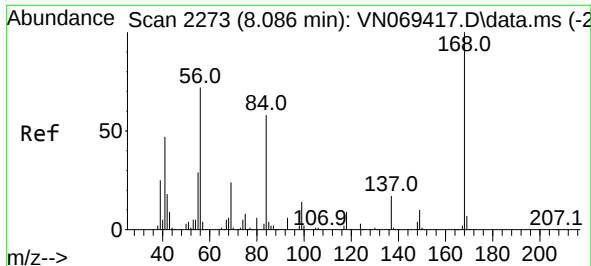
Manual Integrations
APPROVED

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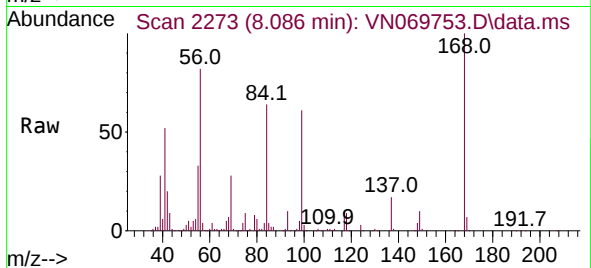
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069753.D
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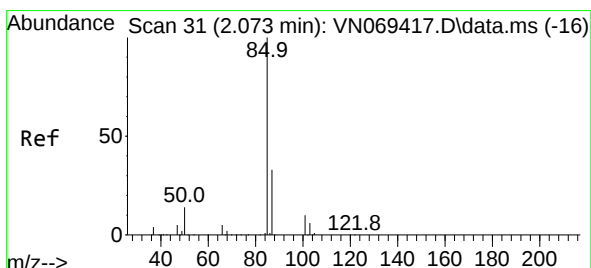
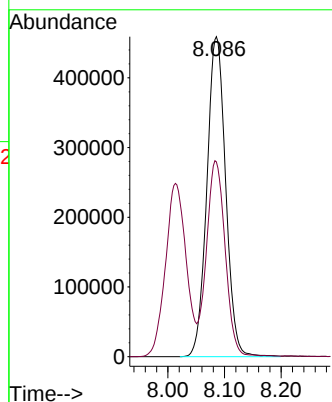
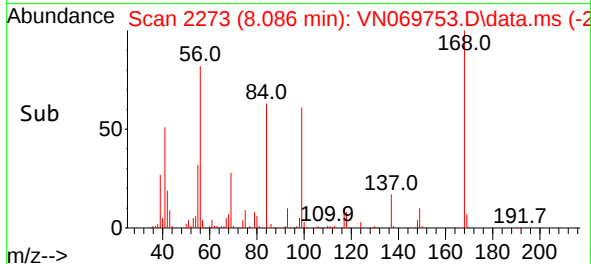
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Tgt Ion:168 Resp: 1056609
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9

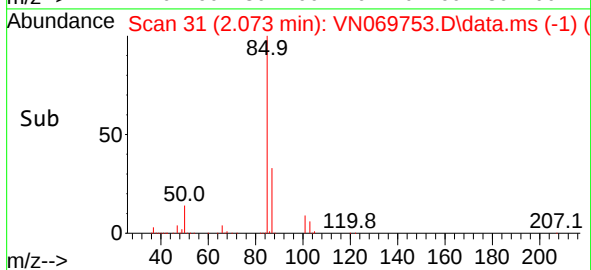
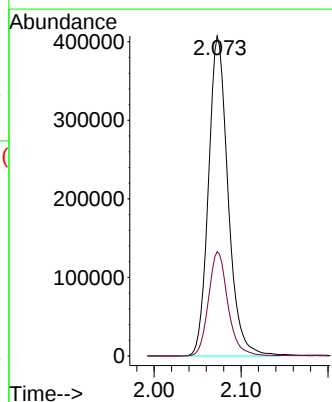
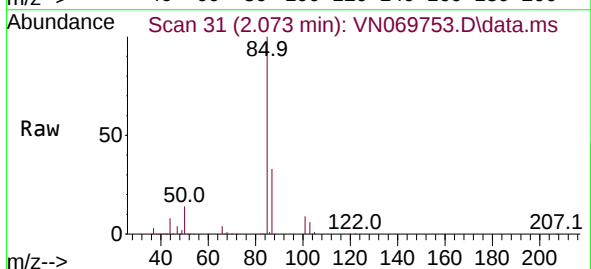
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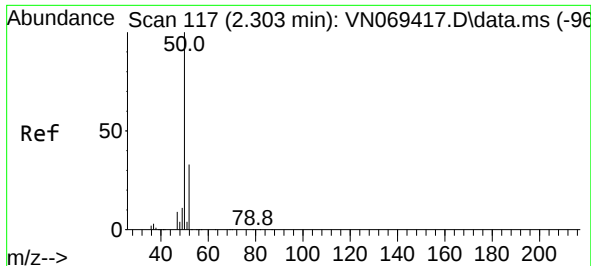
Reviewed By :John Carlone 12/04/2021
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#2
Dichlorodifluoromethane
Concen: 51.778 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

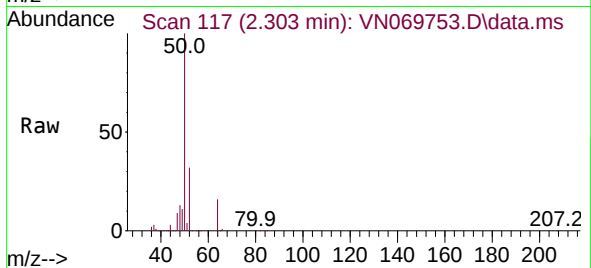
Tgt Ion: 85 Resp: 638095
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 46.471 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

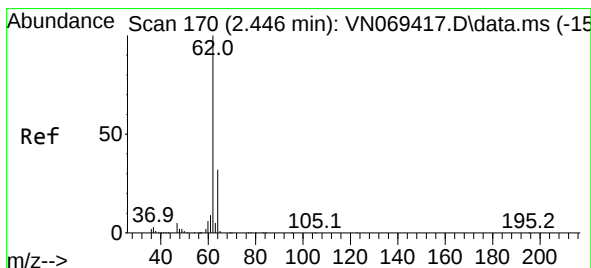
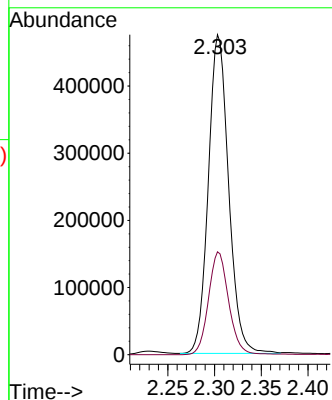
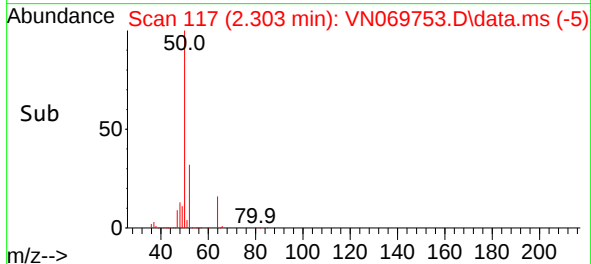
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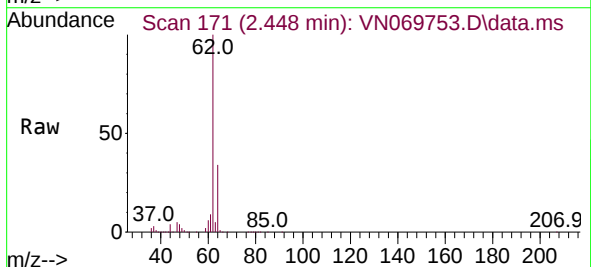
Tgt Ion: 50 Resp: 717480
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

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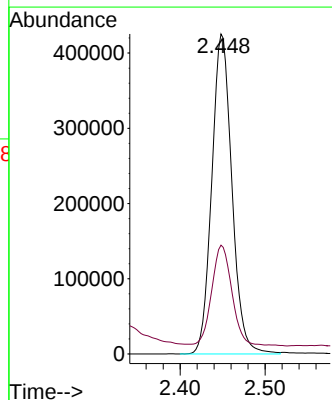
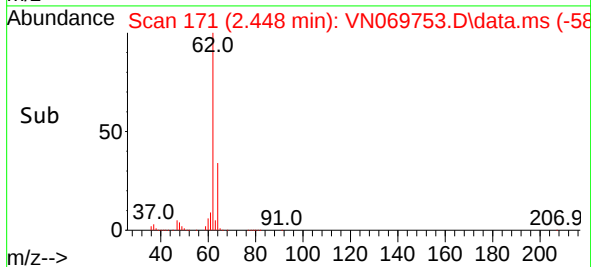
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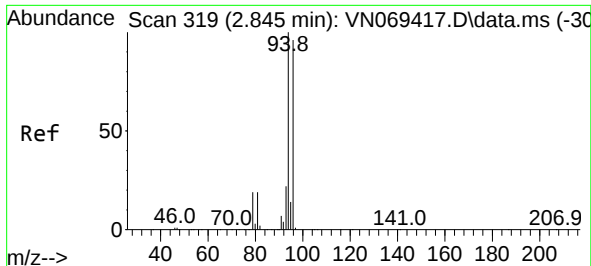


#4
Vinyl Chloride
Concen: 49.323 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



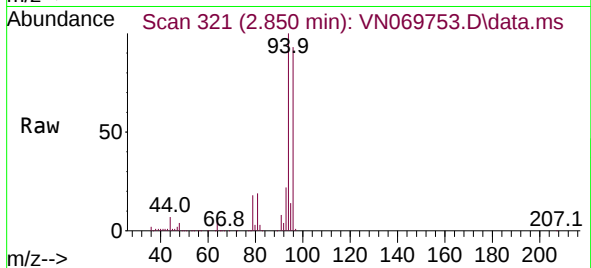
Tgt Ion: 62 Resp: 700217
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 42.432 ug/l
RT: 2.850 min Scan# 319
Delta R.T. 0.013 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

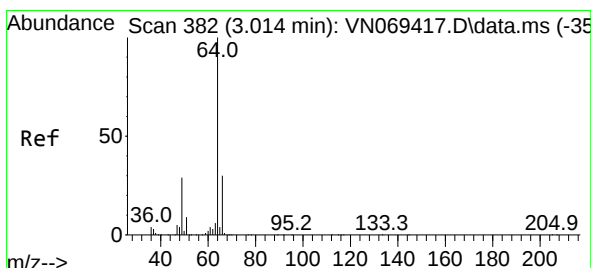
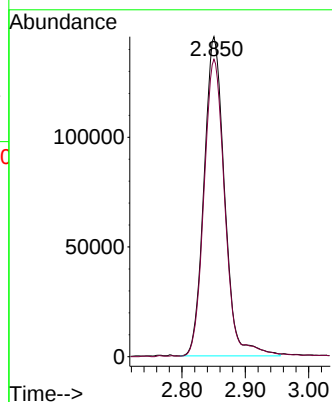
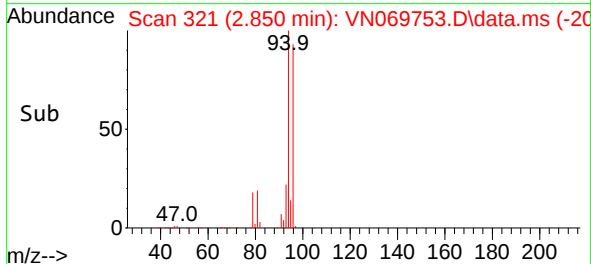
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Tgt Ion: 94 Resp: 32726
Ion Ratio Lower Upper
94 100
96 93.0 73.8 110.8

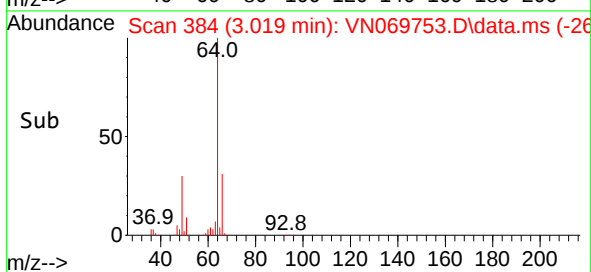
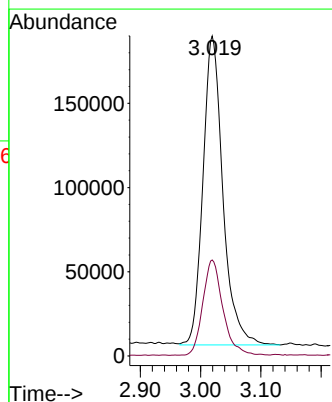
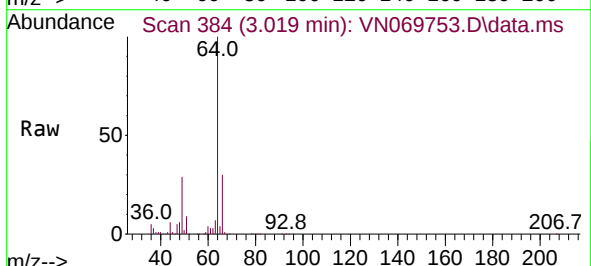
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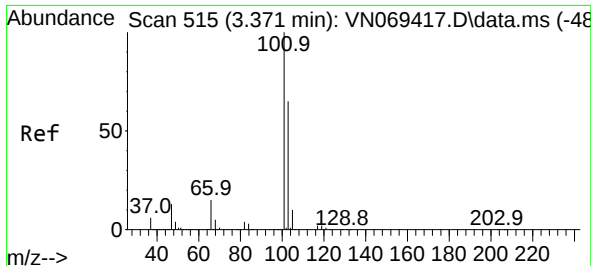
Reviewed By :John Carlone 12/04/2021
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#6
Chloroethane
Concen: 48.455 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN069753.D
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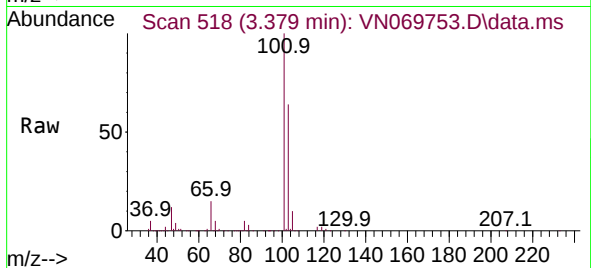
Tgt Ion: 64 Resp: 421533
Ion Ratio Lower Upper
64 100
66 30.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 48.655 ug/l
RT: 3.379 min Scan# 515
Delta R.T. 0.011 min
Lab File: VN069753.D
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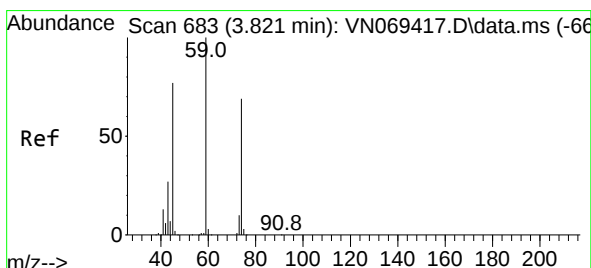
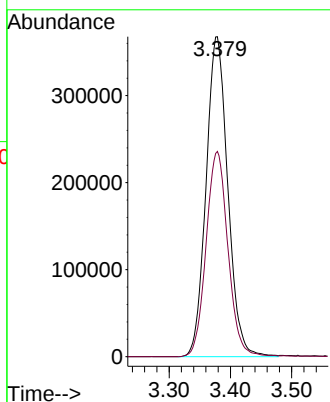
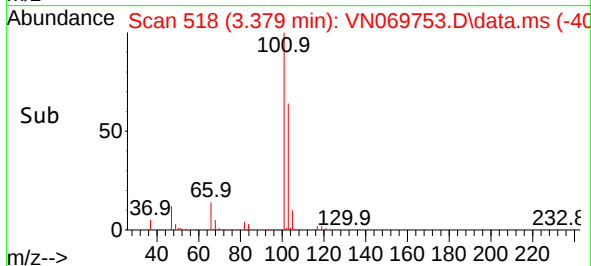
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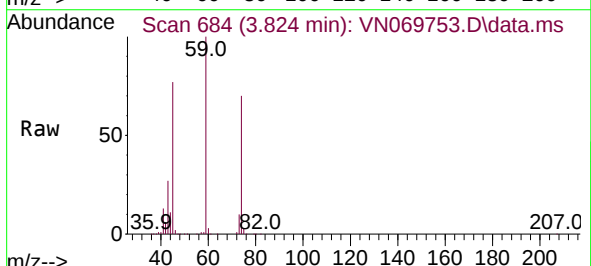
Tgt Ion:101 Resp: 906550
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

Manual Integrations
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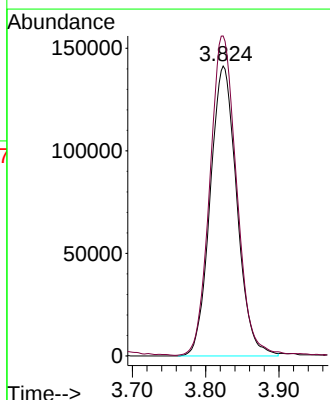
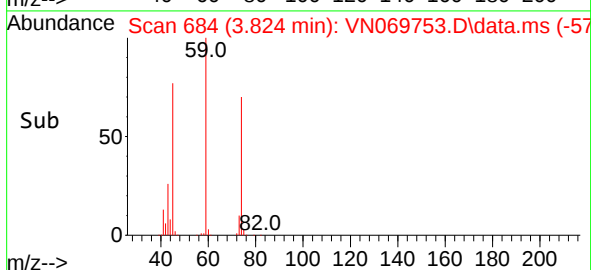
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#8
Diethyl Ether
Concen: 49.714 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 356754
Ion Ratio Lower Upper
74 100
45 110.6 47.0 141.2





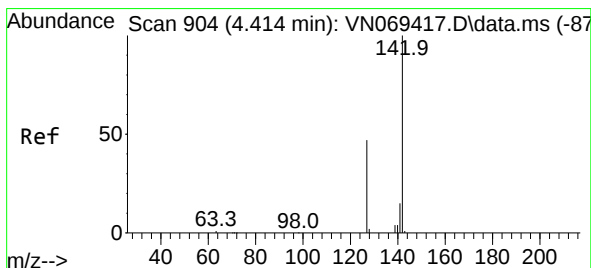
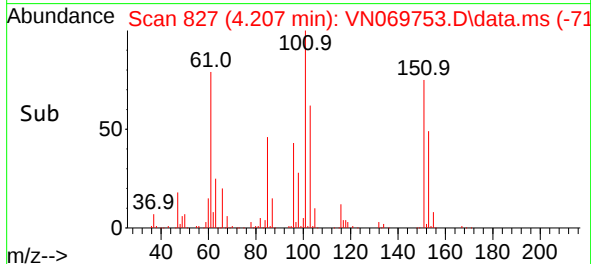
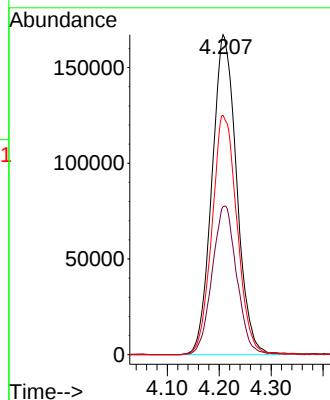
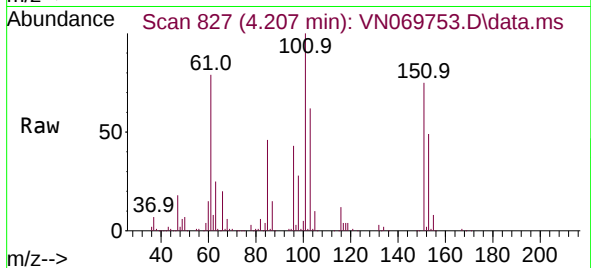
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.826 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD

Tgt Ion:101 Resp: 551740
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 75.9 65.9 98.9

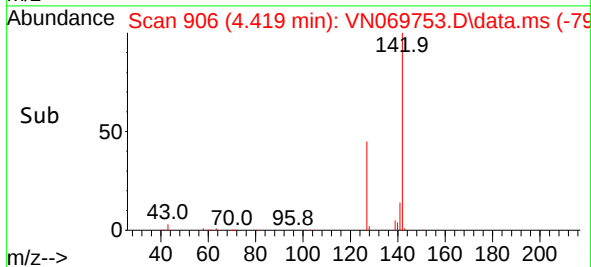
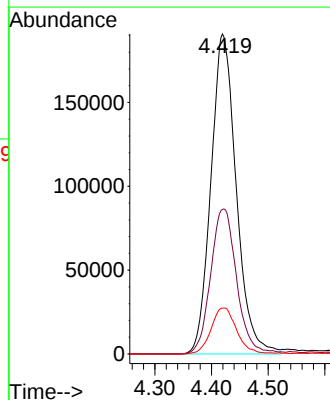
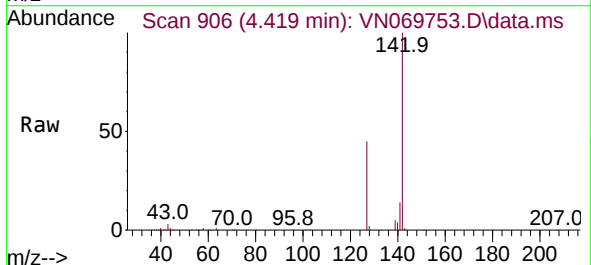
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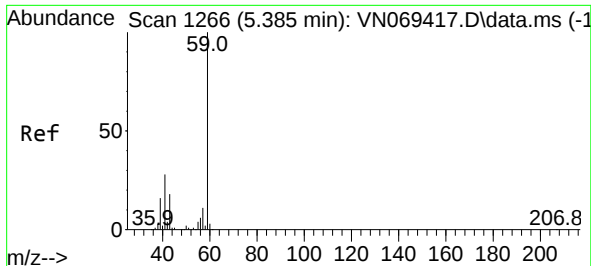
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 41.563 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

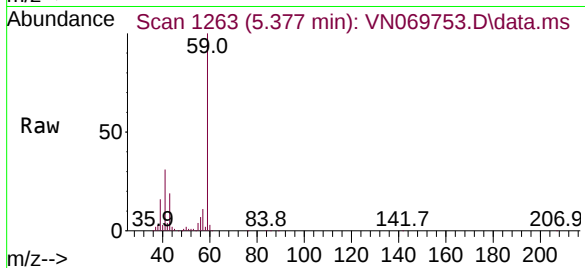
Tgt Ion:142 Resp: 593037
Ion Ratio Lower Upper
142 100
127 46.6 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 195.355 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

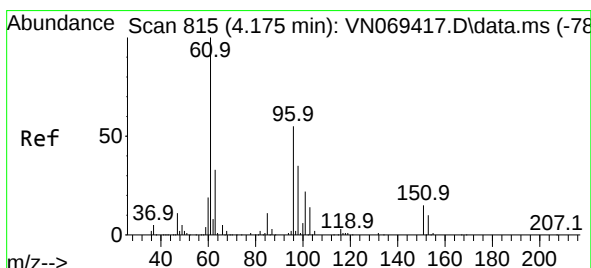
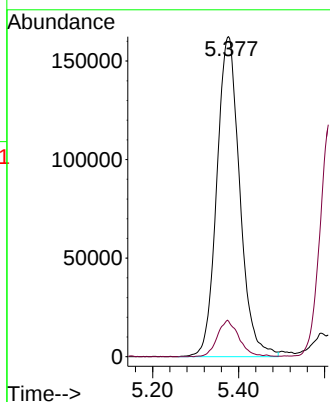
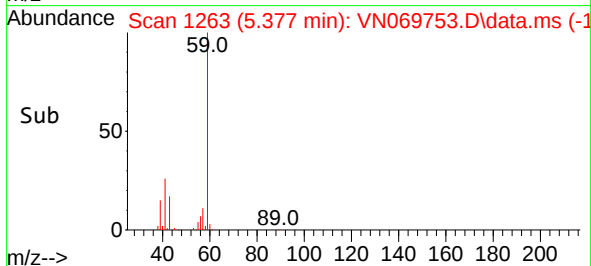
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



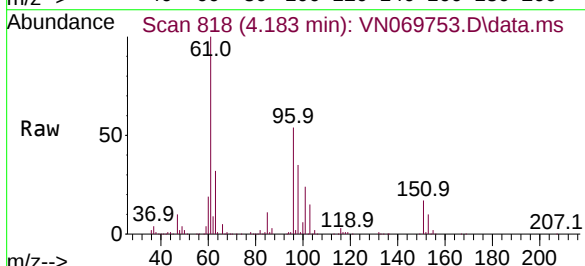
Tgt Ion: 59 Resp: 60242
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

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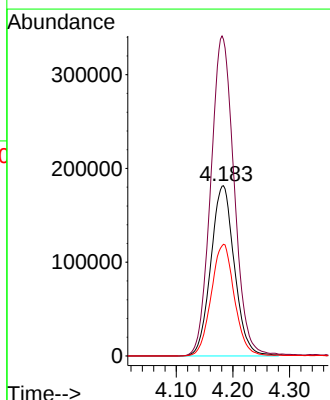
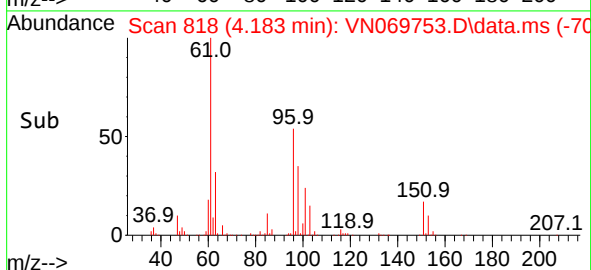
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 52.222 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



Tgt Ion: 96 Resp: 525597
Ion Ratio Lower Upper
96 100
61 186.0 131.0 196.6
98 65.6 52.4 78.6





#13

Acrolein

Concen: 161.647 ug/l

RT: 4.041 min Scan# 70

Delta R.T. 0.003 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MSD

Tgt Ion: 56 Resp: 424499

Ion Ratio Lower Upper

56 100

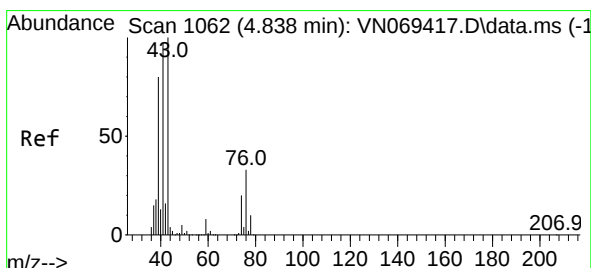
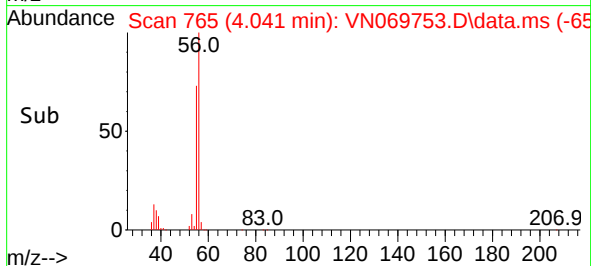
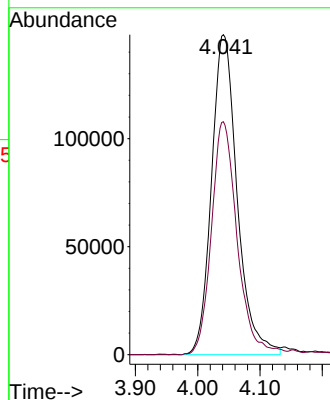
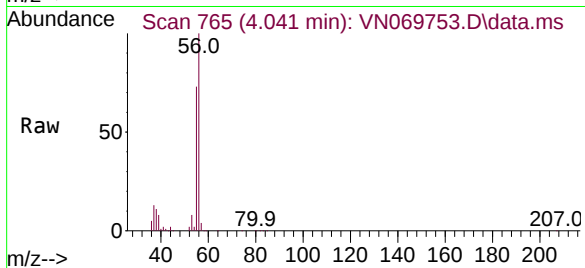
55 72.9 56.6 85.0

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#14

Allyl chloride

Concen: 48.155 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. 0.003 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

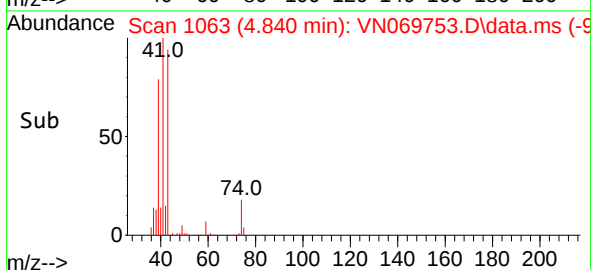
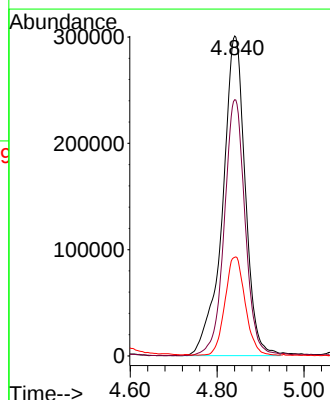
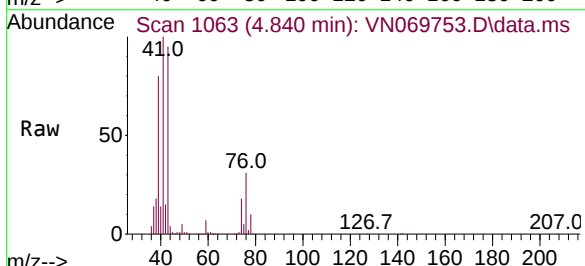
Tgt Ion: 41 Resp: 1092113

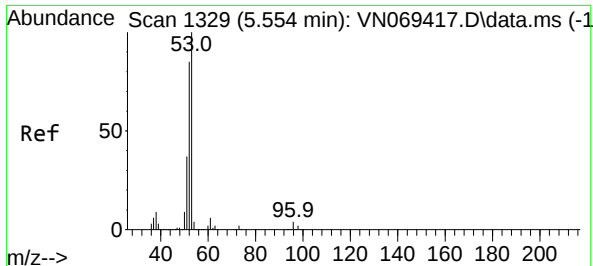
Ion Ratio Lower Upper

41 100

39 73.4 61.2 91.8

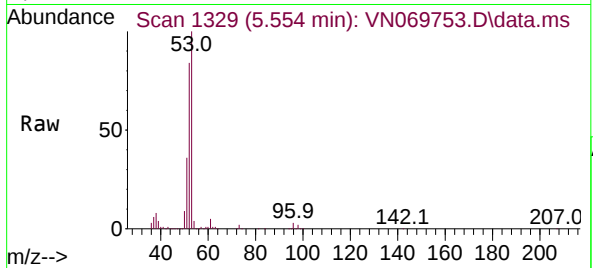
76 27.2 26.0 39.0





#15
Acrylonitrile
Concen: 222.628 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

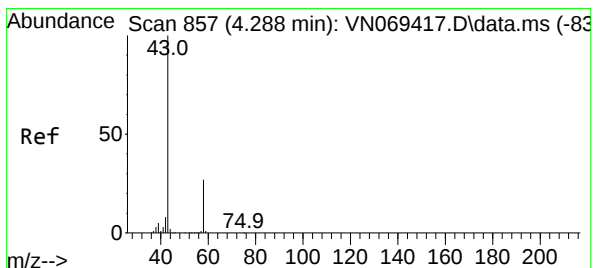
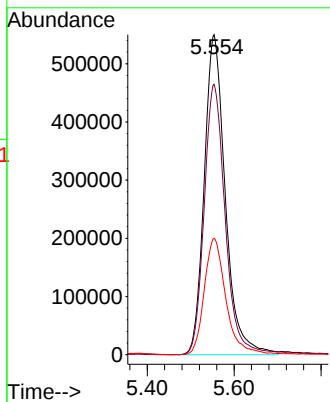
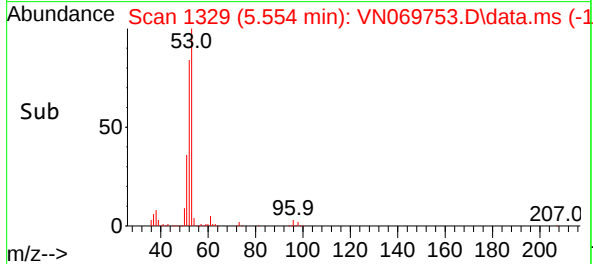
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 53 Resp: 1849952
Ion Ratio Lower Upper
53 100
52 84.6 66.2 99.2
51 37.1 29.6 44.4

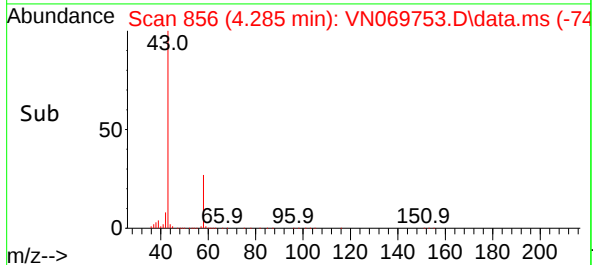
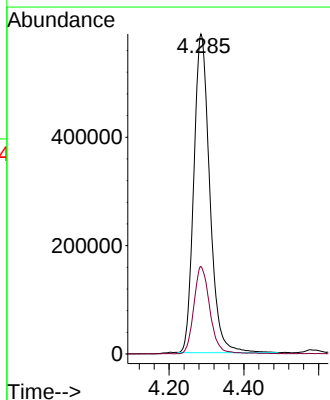
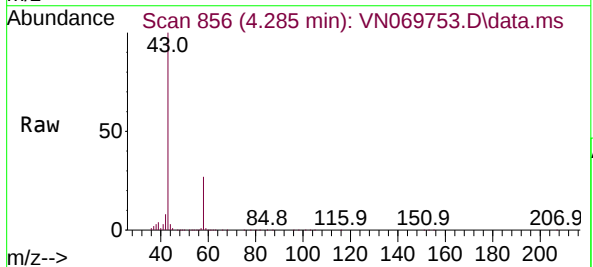
Manual Integrations
APPROVED

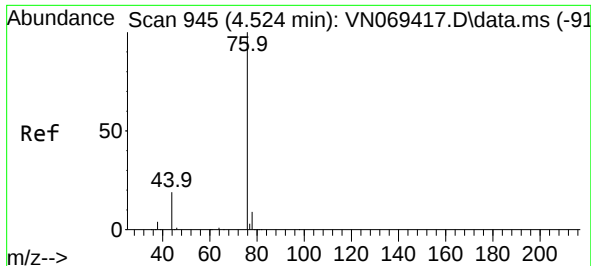
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 177.728 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

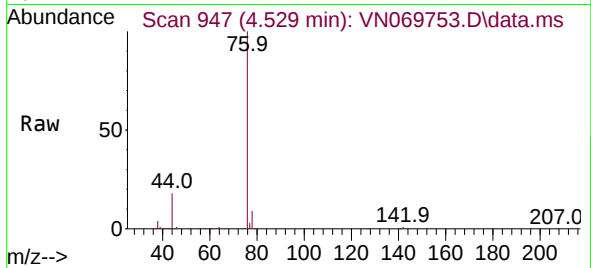
Tgt Ion: 43 Resp: 1744162
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 52.094 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

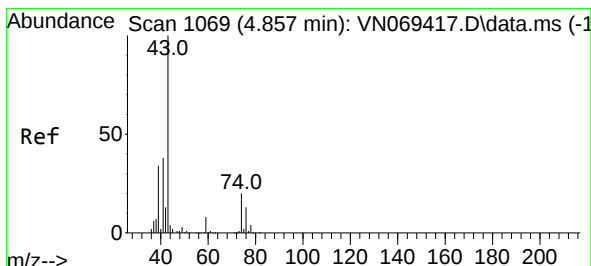
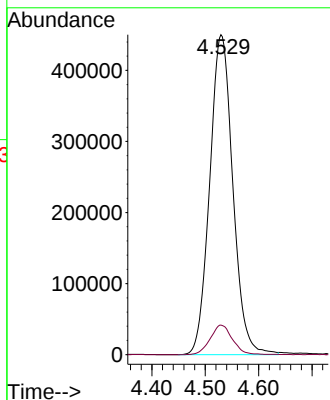
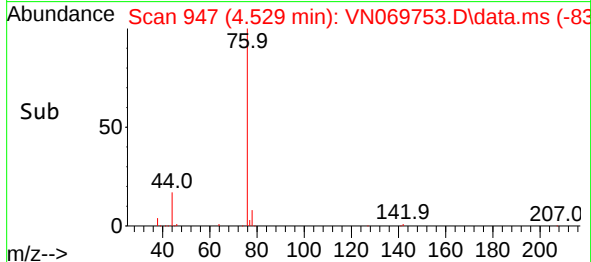
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 76 Resp: 135453
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

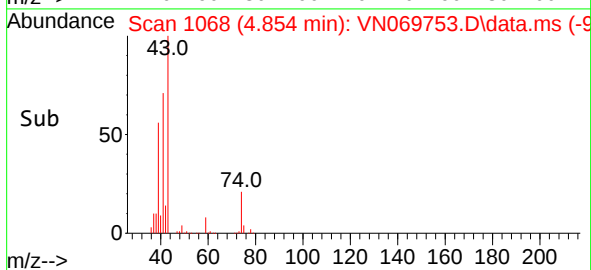
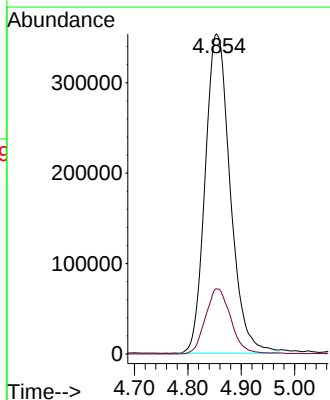
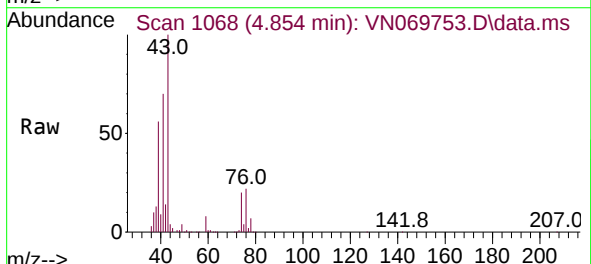
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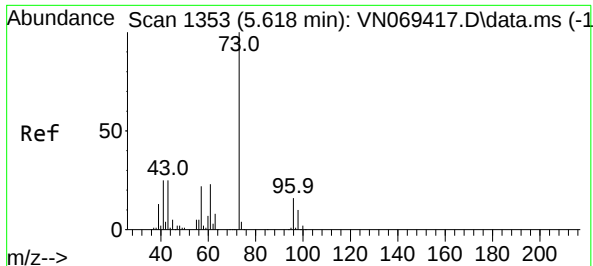
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 38.964 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

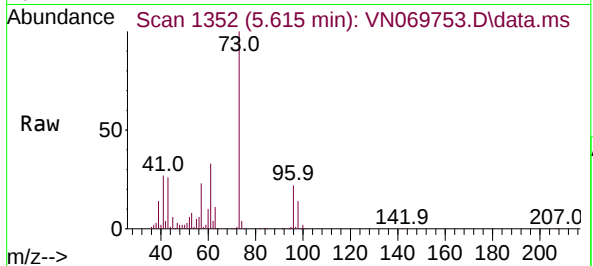
Tgt Ion: 43 Resp: 1154183
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 49.403 ug/l
RT: 5.615 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

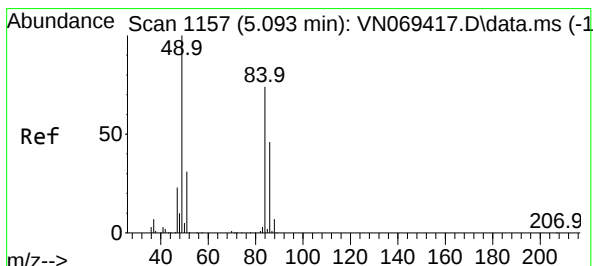
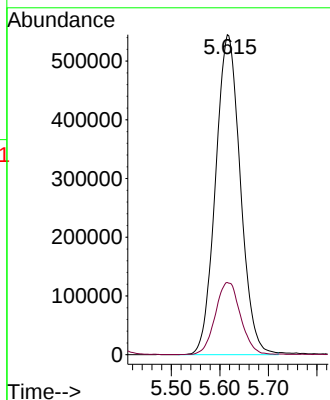
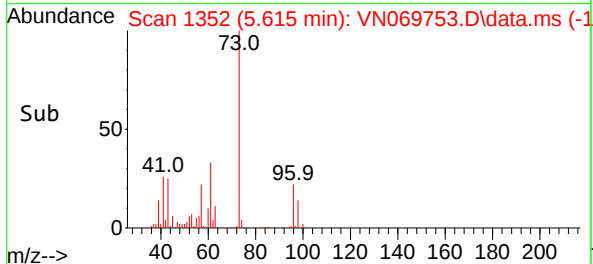
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 73 Resp: 1933329
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

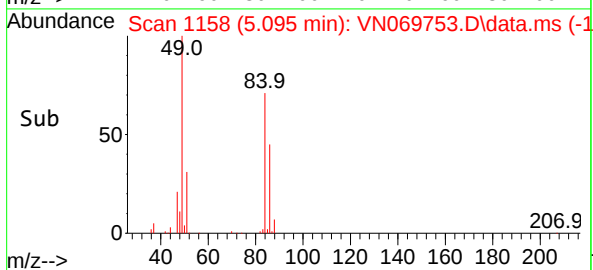
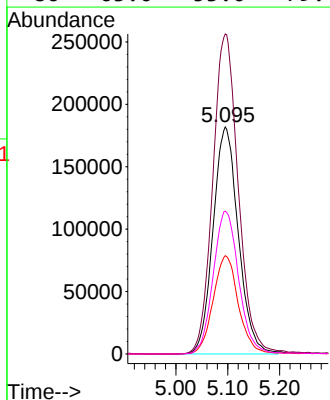
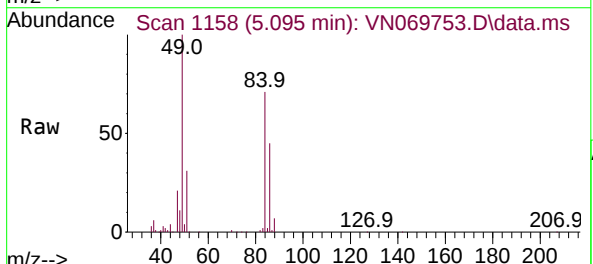
Manual Integrations
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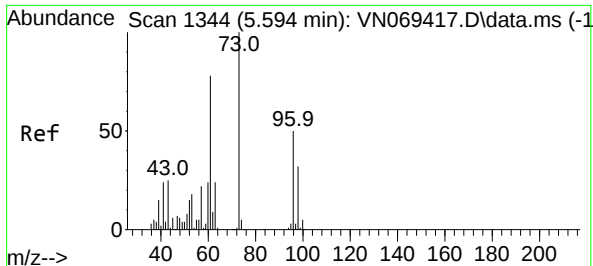
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 47.134 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

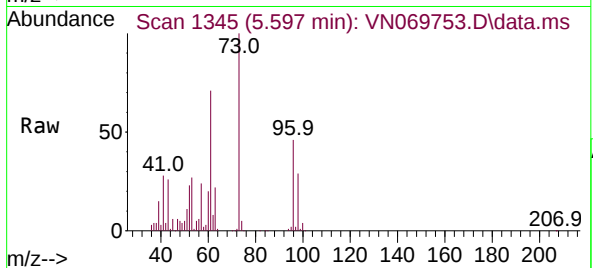
Tgt Ion: 84 Resp: 614909
Ion Ratio Lower Upper
84 100
49 141.0 93.5 140.3#
51 43.3 29.4 44.2
86 63.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.732 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

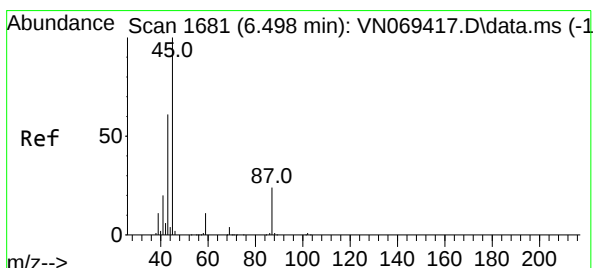
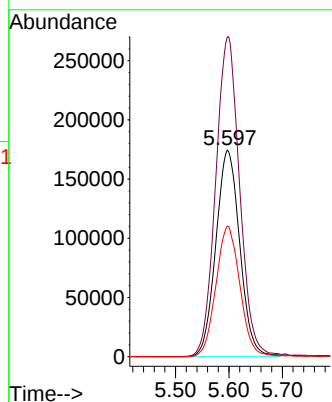
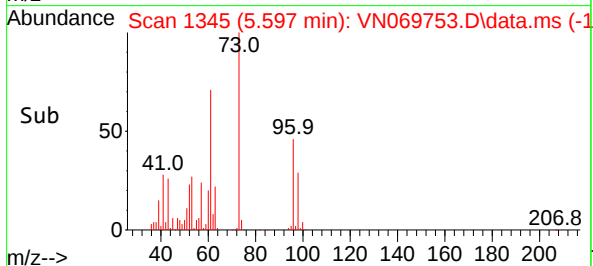
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 96 Resp: 54365
Ion Ratio Lower Upper
96 100
61 154.8 105.8 158.6
98 63.3 52.0 78.0

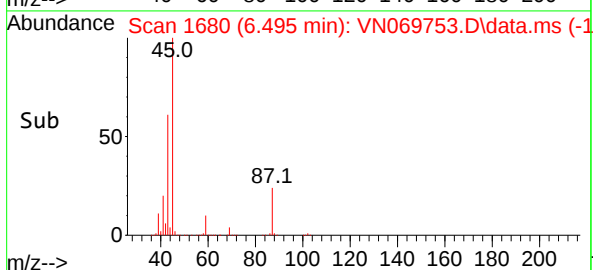
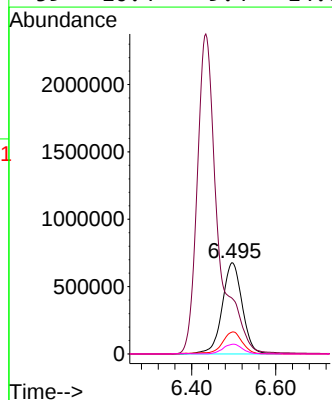
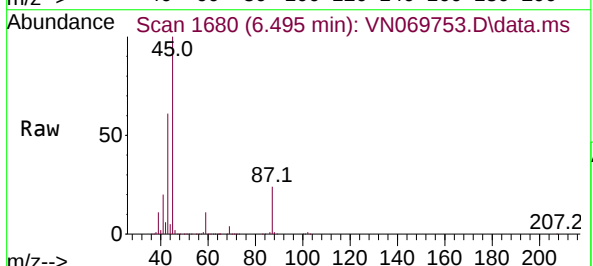
Manual Integrations
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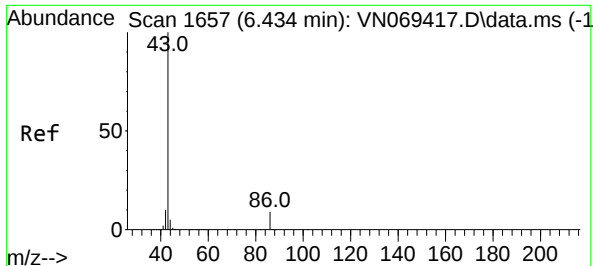
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#22
Diisopropyl ether
Concen: 50.601 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Tgt Ion: 45 Resp: 2243024
Ion Ratio Lower Upper
45 100
43 60.1 51.7 77.5
87 23.8 23.2 34.8
59 10.4 9.4 14.0





#23

Vinyl Acetate

Concen: 224.034 ug/l

RT: 6.433 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MSD

Tgt Ion: 43 Resp: 8079419

Ion Ratio Lower Upper

43 100

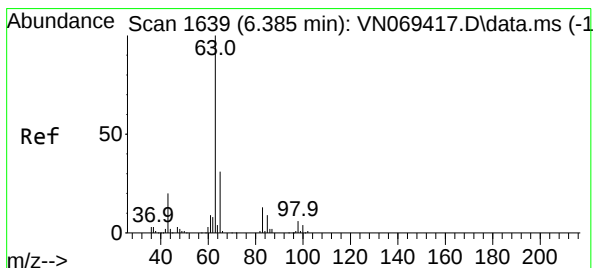
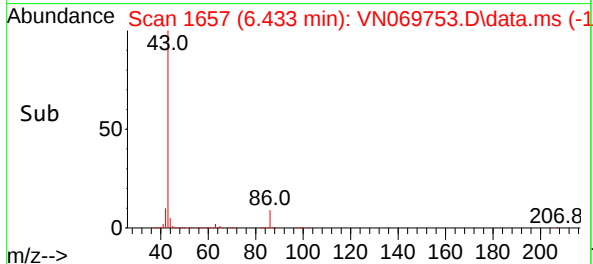
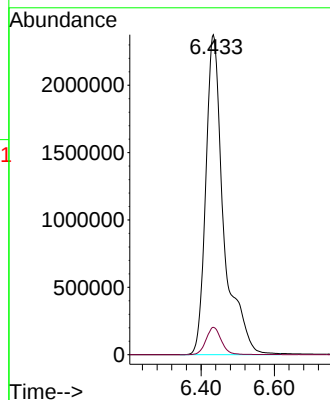
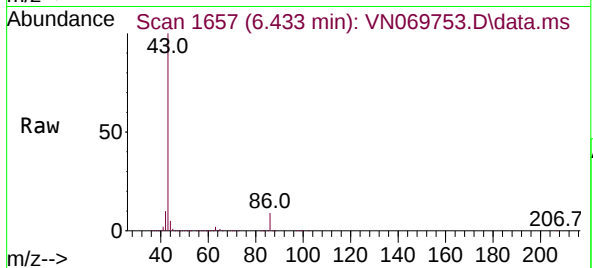
86 8.5 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#24

1,1-Dichloroethane

Concen: 50.761 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

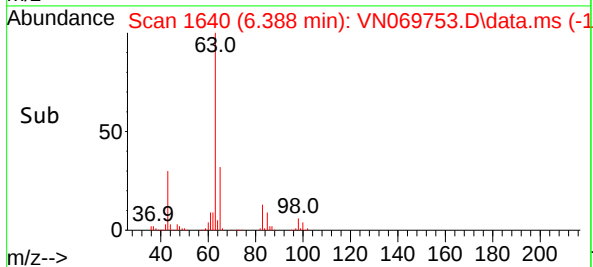
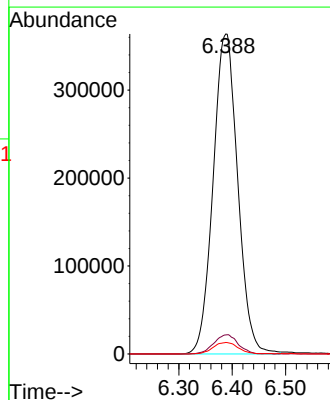
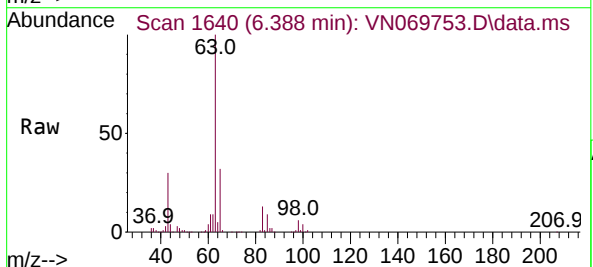
Tgt Ion: 63 Resp: 1165595

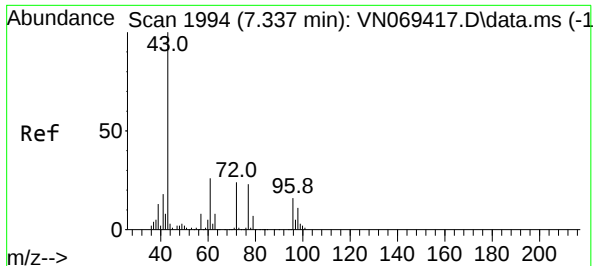
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

100 3.6 2.1 6.5





#25

2-Butanone

Concen: 203.284 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MSD

Tgt Ion: 43 Resp: 271056

Ion Ratio Lower Upper

43 100

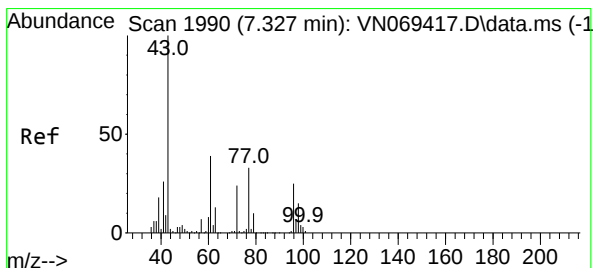
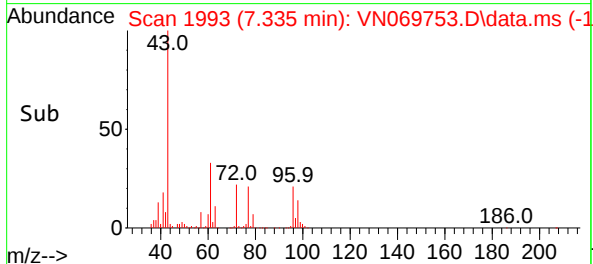
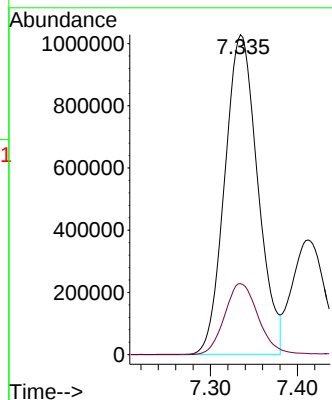
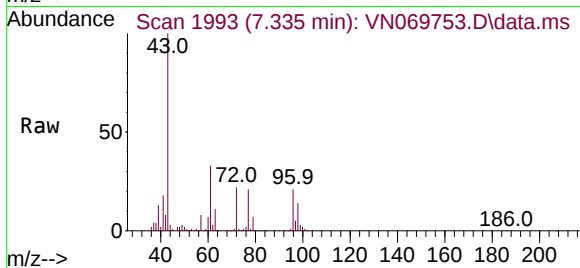
72 22.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 40.950 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069753.D

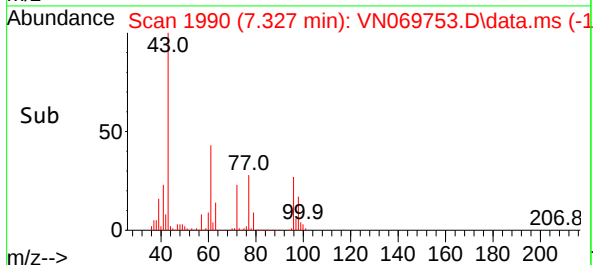
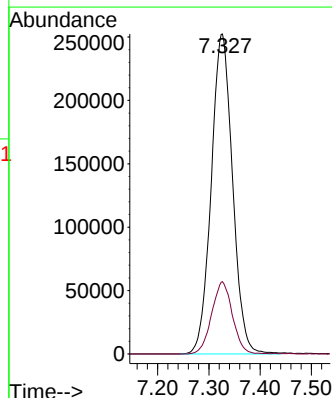
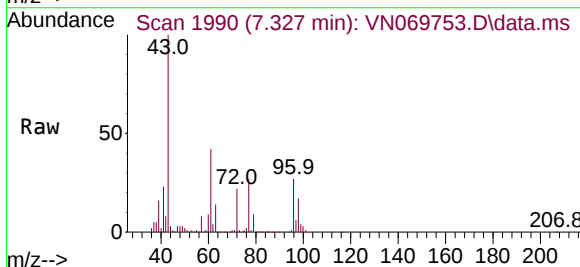
Acq: 4 Dec 2021 6:55

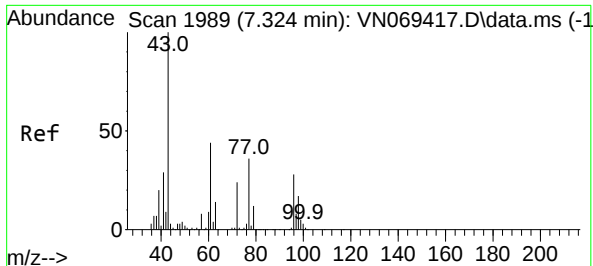
Tgt Ion: 77 Resp: 731099

Ion Ratio Lower Upper

77 100

97 21.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.132 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MSD

Tgt Ion: 96 Resp: 675330

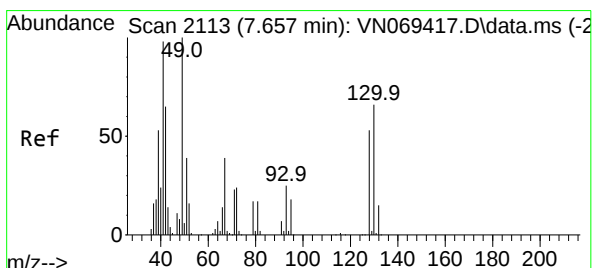
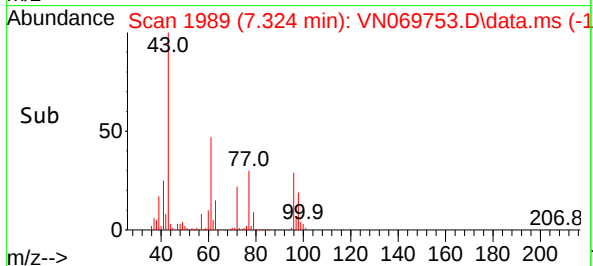
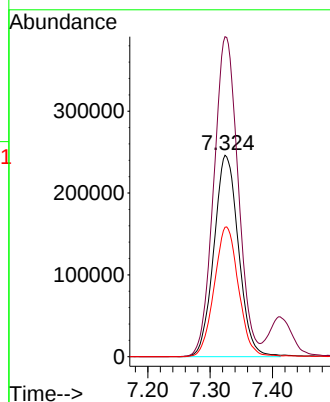
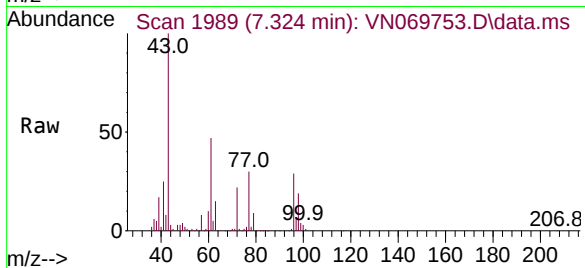
Ion	Ratio	Lower	Upper
96	100		
61	157.4	0.0	275.0
98	63.6	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 48.558 ug/l

RT: 7.656 min Scan# 2113

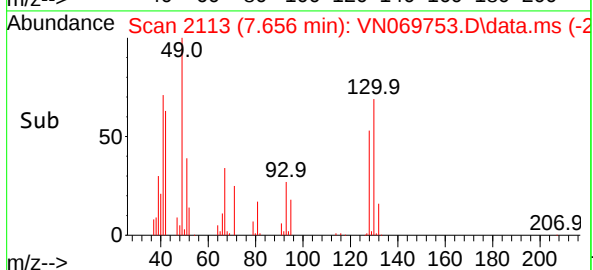
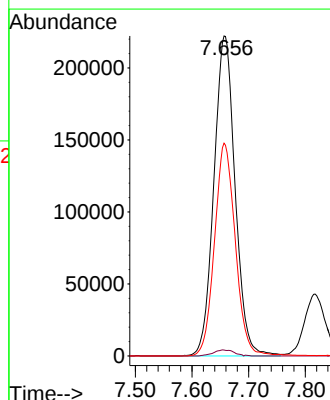
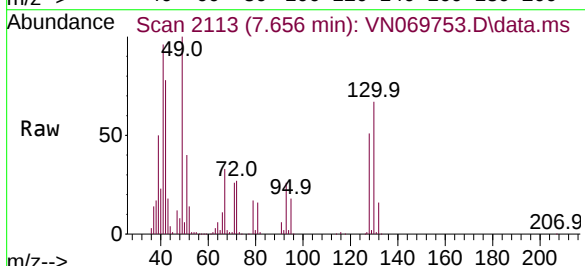
Delta R.T. 0.000 min

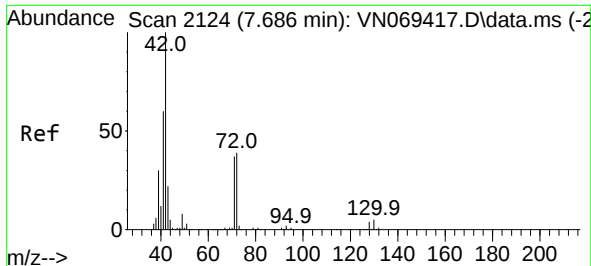
Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Tgt Ion: 49 Resp: 579821

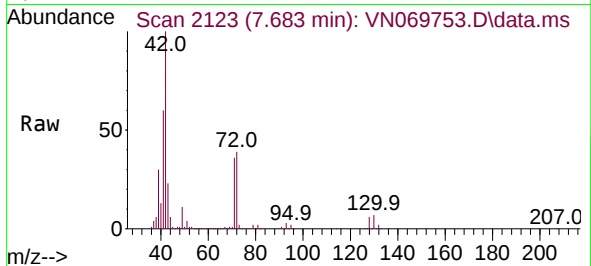
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	65.0	67.8	101.8





#29
Tetrahydrofuran
Concen: 221.236 ug/l
RT: 7.683 min Scan# 2124
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

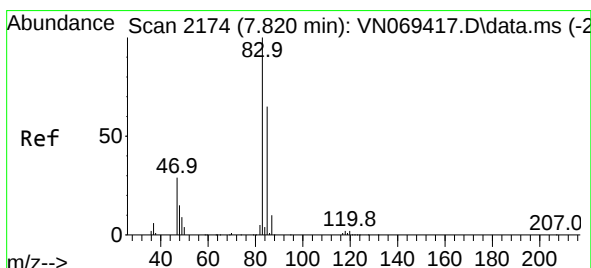
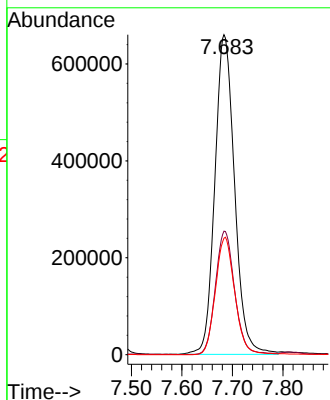
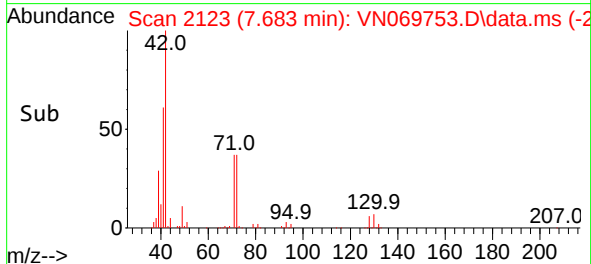
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 42 Resp: 1791270
Ion Ratio Lower Upper
42 100
72 37.5 36.3 54.5
71 36.1 34.7 52.1

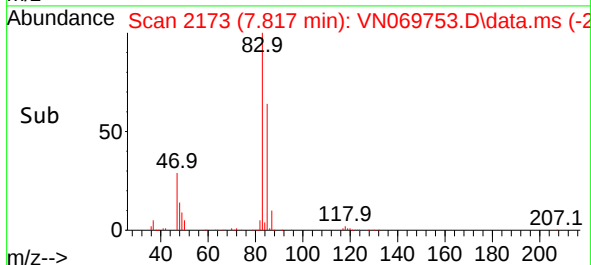
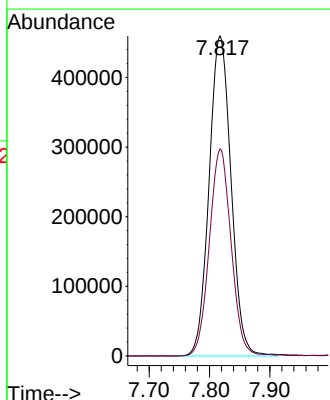
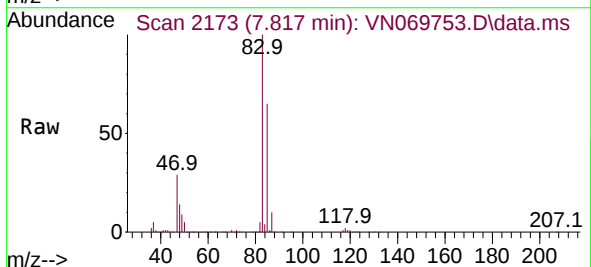
Manual Integrations
APPROVED

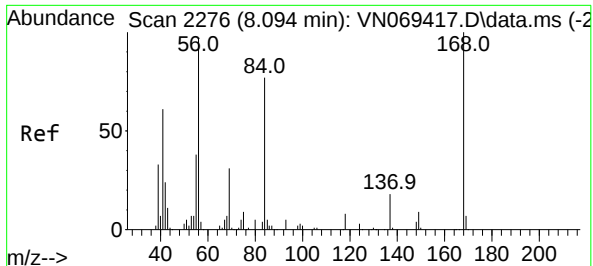
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#30
Chloroform
Concen: 50.210 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

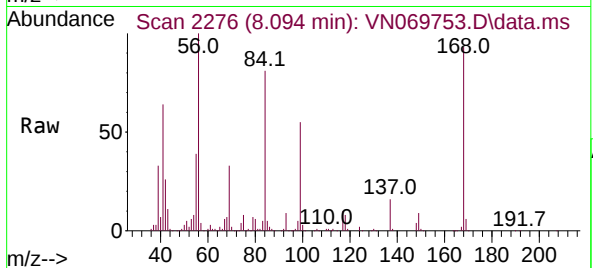
Tgt Ion: 83 Resp: 1164384
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9





#31
Cyclohexane
Concen: 48.258 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

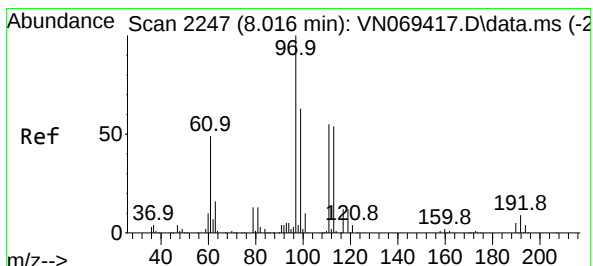
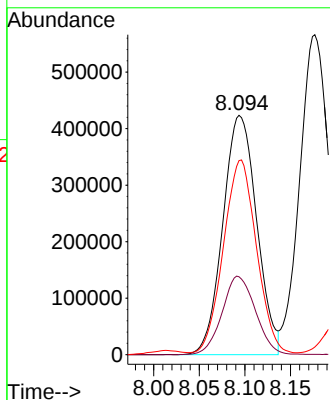
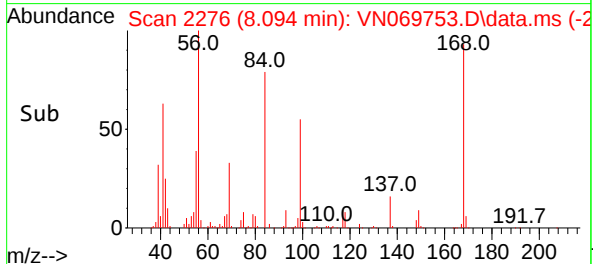
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



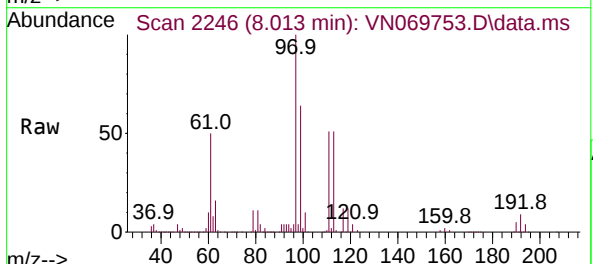
Tgt Ion: 56 Resp: 109561
Ion Ratio Lower Upper
56 100
69 32.5 27.1 40.7
84 79.8 73.4 110.0

Manual Integrations
APPROVED

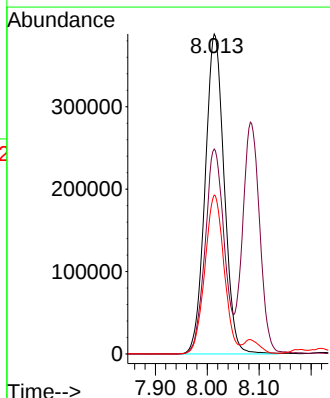
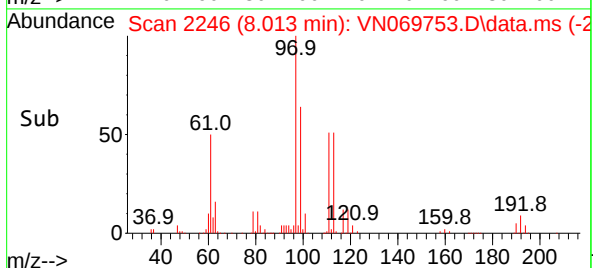
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#32
1,1,1-Trichloroethane
Concen: 50.132 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



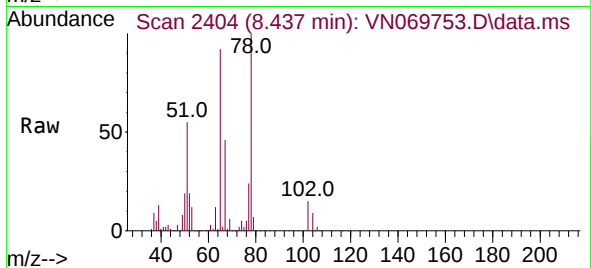
Tgt Ion: 97 Resp: 990292
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 50.0 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 47.664 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

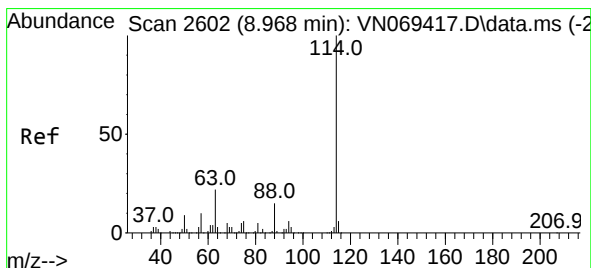
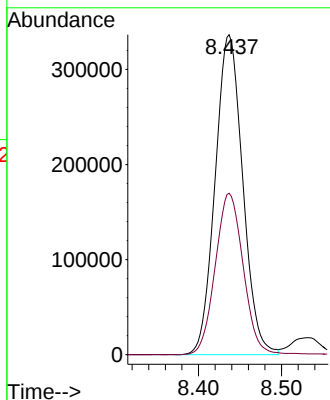
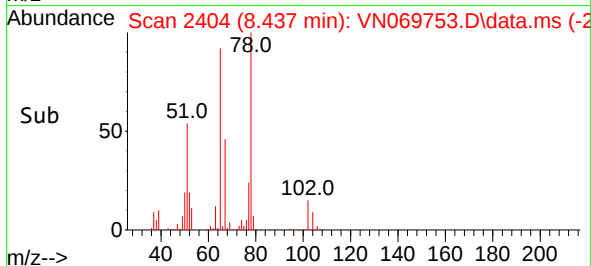
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



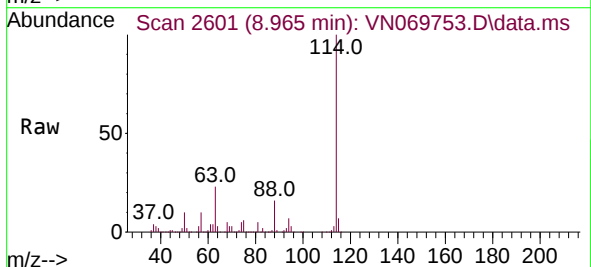
Tgt Ion: 65 Resp: 77759
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0

Manual Integrations
APPROVED

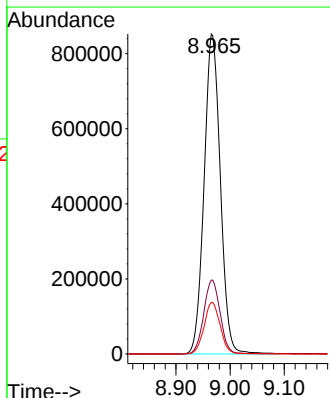
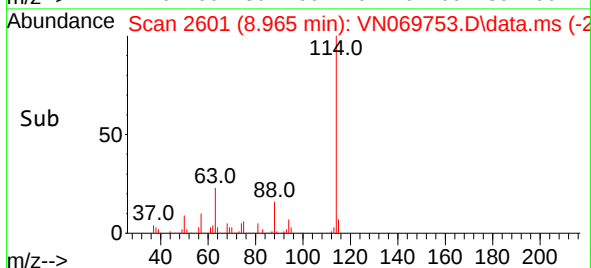
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

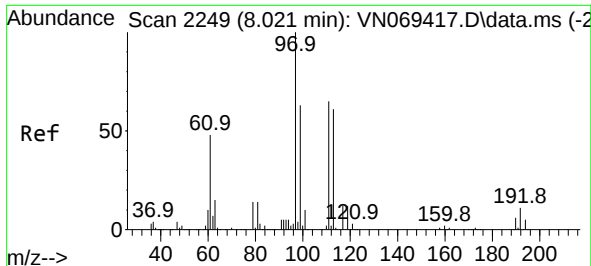


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



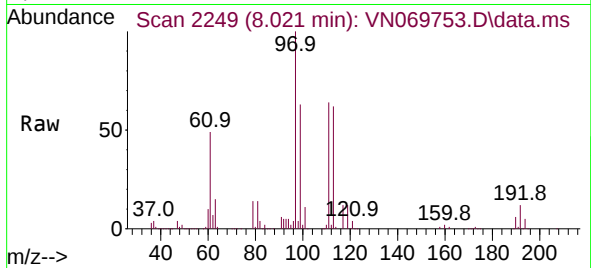
Tgt Ion:114 Resp: 1775376
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.376 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

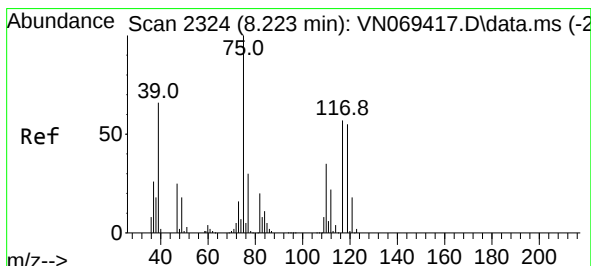
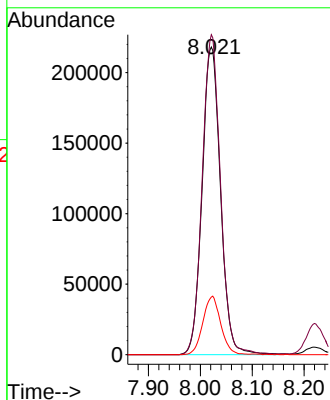
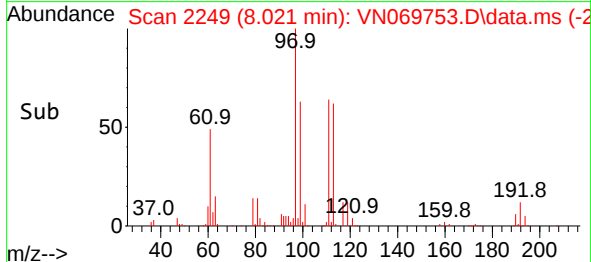
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 113 Resp: 537974
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.5 16.9 25.3

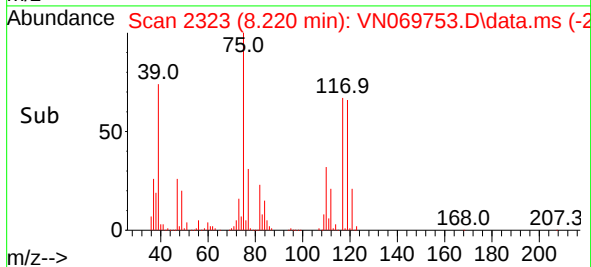
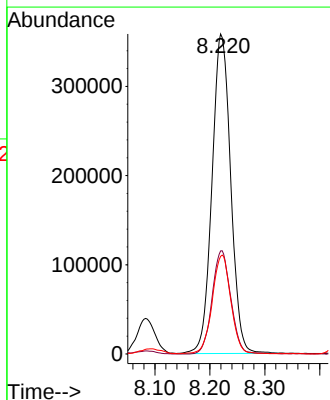
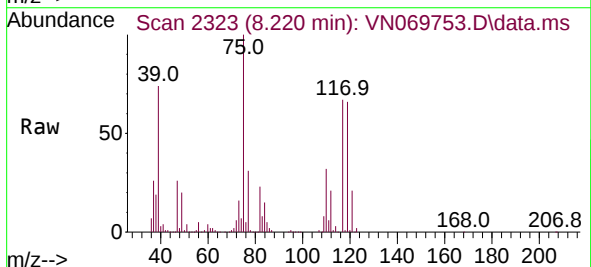
Manual Integrations
APPROVED

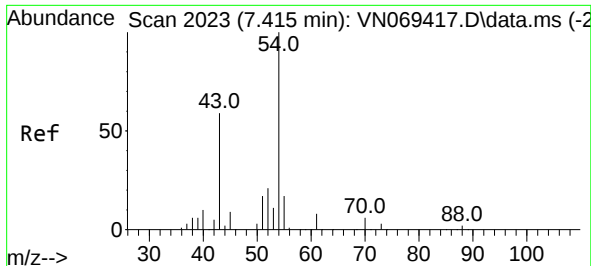
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 50.105 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Tgt Ion: 75 Resp: 846819
Ion Ratio Lower Upper
75 100
110 32.2 18.4 55.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 39.510 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MSD

Tgt Ion: 43 Resp: 993870

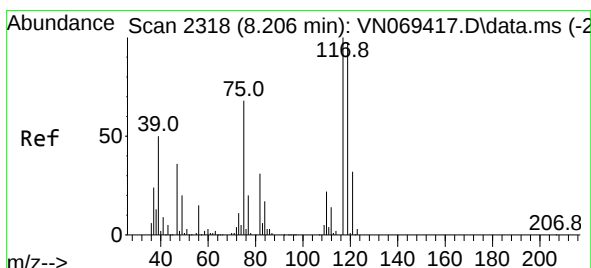
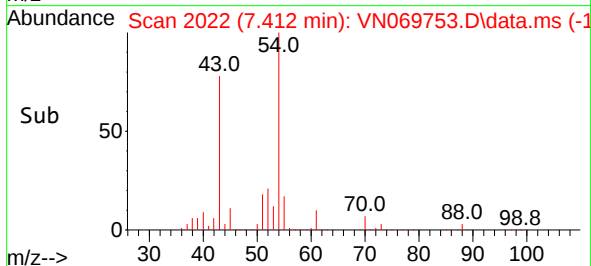
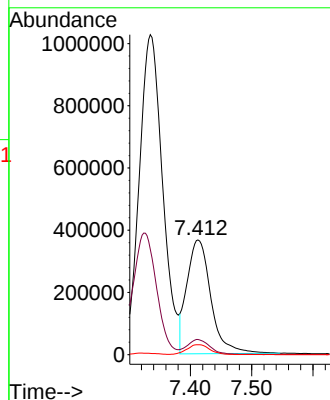
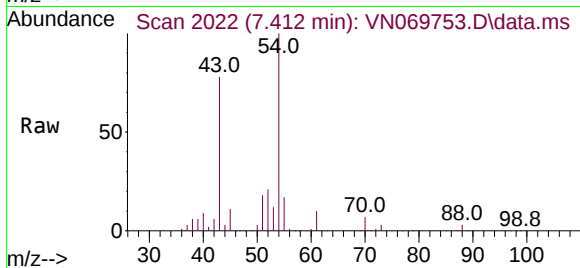
Ion	Ratio	Lower	Upper
43	100		
61	12.1	11.5	17.3
70	8.2	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 52.325 ug/l

RT: 8.206 min Scan# 2318

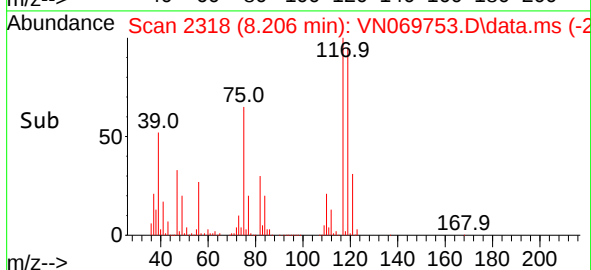
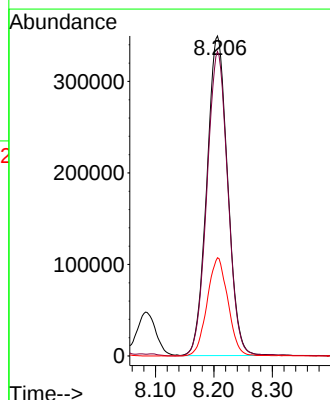
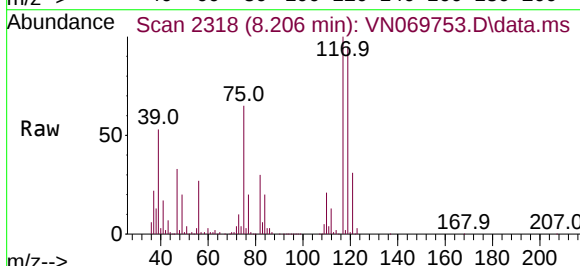
Delta R.T. 0.000 min

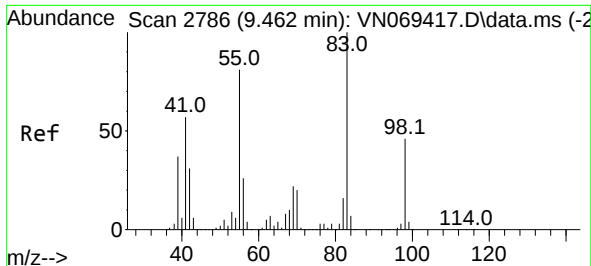
Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Tgt Ion:117 Resp: 867213

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
121	30.8	24.2	36.2





#39

Methylcyclohexane

Concen: 49.349 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MSD

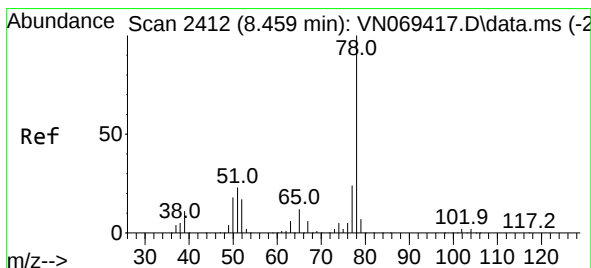
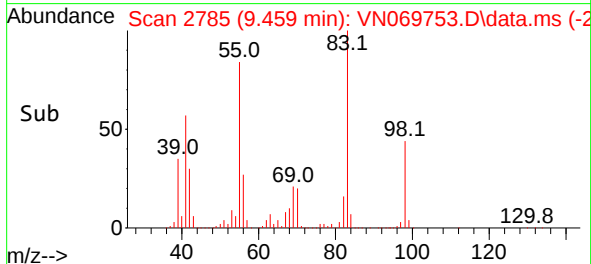
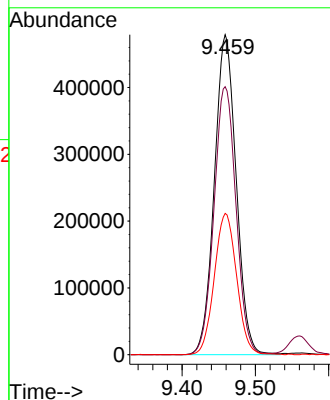
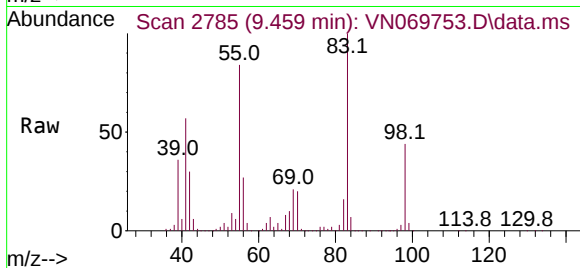
Tgt Ion: 83 Resp: 992079
 Ion Ratio Lower Upper
 83 100
 55 83.8 58.1 87.1
 98 44.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 49.278 ug/l

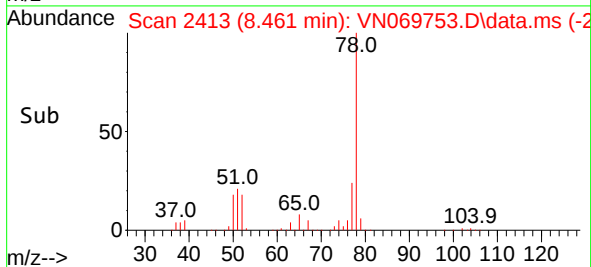
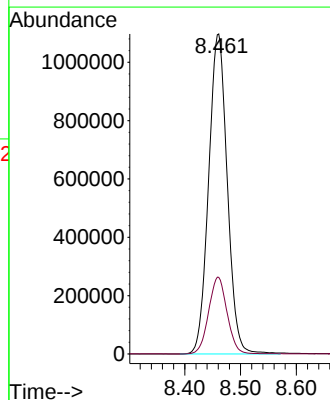
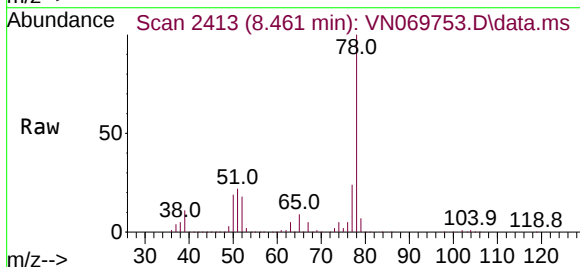
RT: 8.461 min Scan# 2413

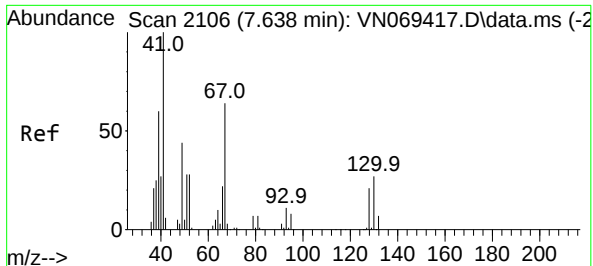
Delta R.T. 0.000 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

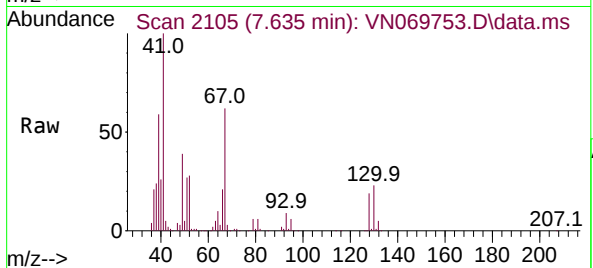
Tgt Ion: 78 Resp: 2545701
 Ion Ratio Lower Upper
 78 100
 77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 44.574 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

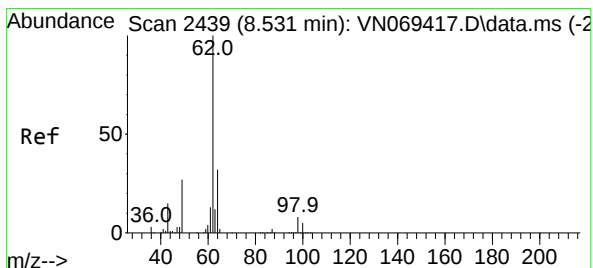
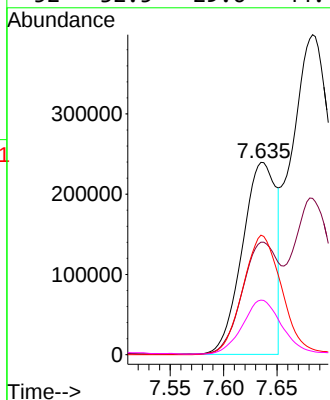
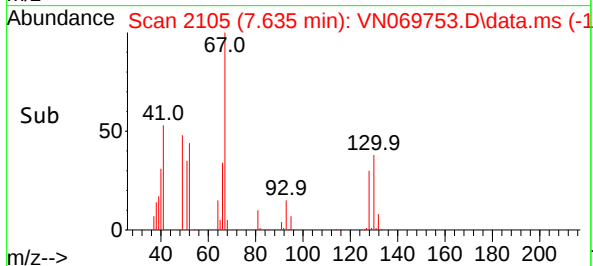
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 41 Resp: 526349
Ion Ratio Lower Upper
41 100
39 64.7 48.1 72.1
67 72.4 68.3 102.5
52 32.5 29.6 44.4

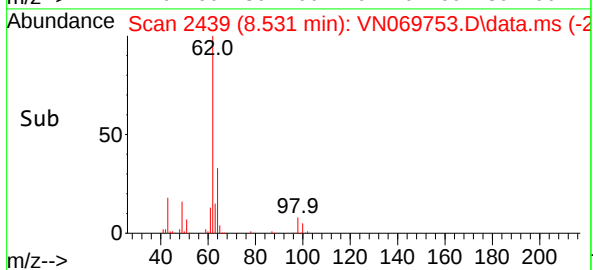
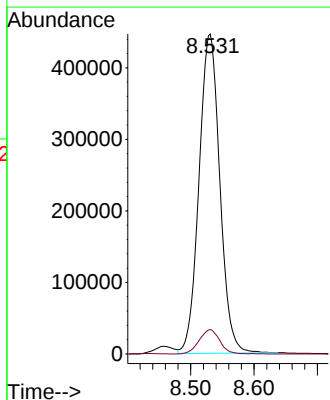
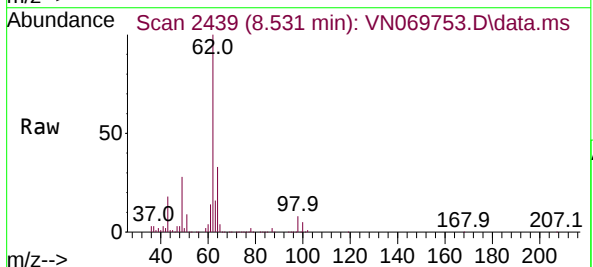
Manual Integrations
APPROVED

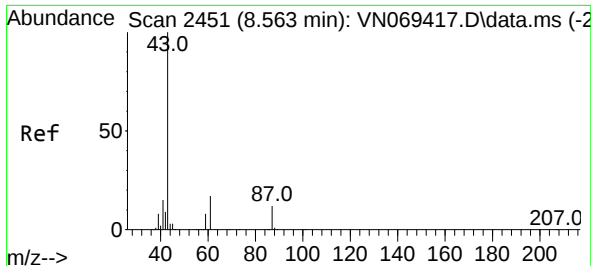
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 48.846 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

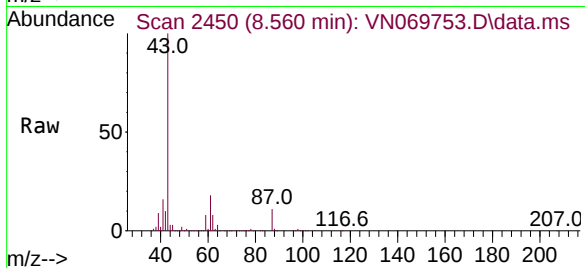
Tgt Ion: 62 Resp: 1018640
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 44.386 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

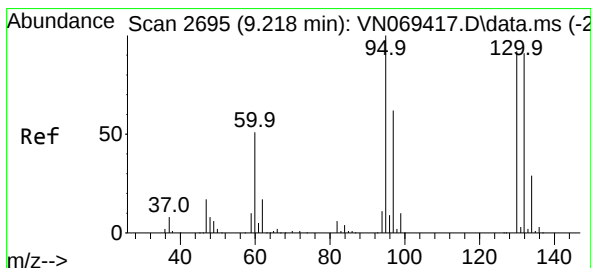
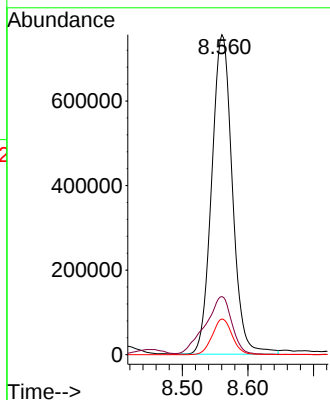
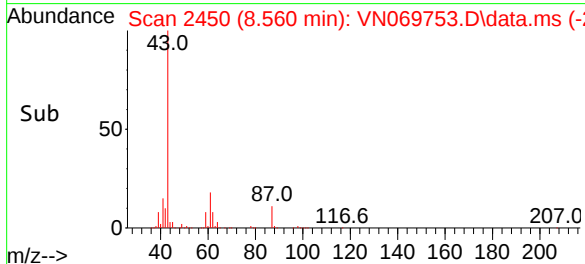
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 43 Resp: 1652294
Ion Ratio Lower Upper
43 100
61 23.4 20.4 30.6
87 10.8 11.2 16.8

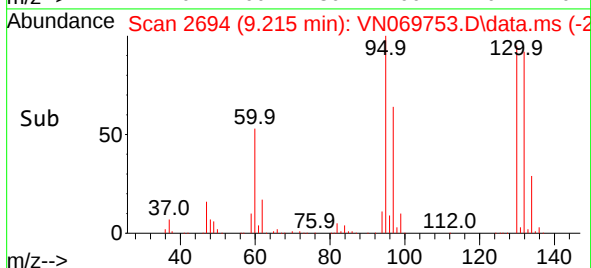
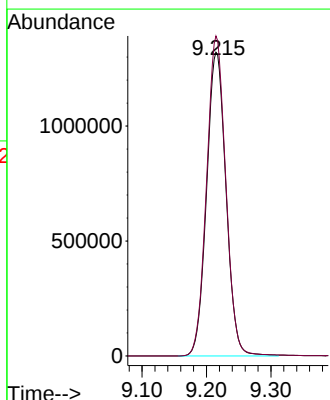
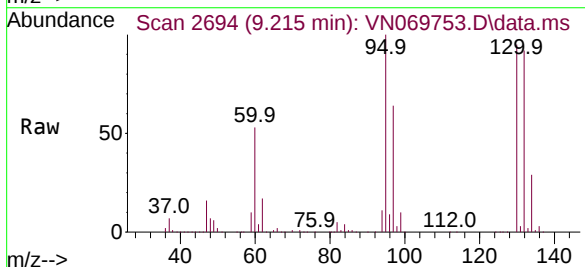
Manual Integrations
APPROVED

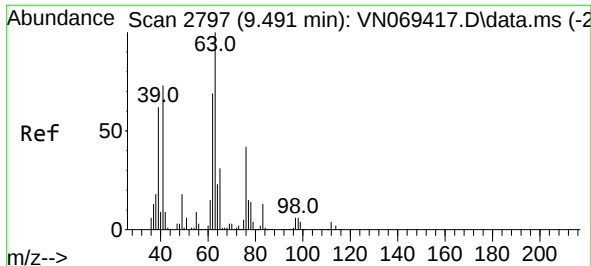
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 224.181 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Tgt Ion:130 Resp: 2764187
Ion Ratio Lower Upper
130 100
95 105.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 49.737 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MSD

Tgt Ion: 63 Resp: 68998

Ion Ratio Lower Upper

63 100

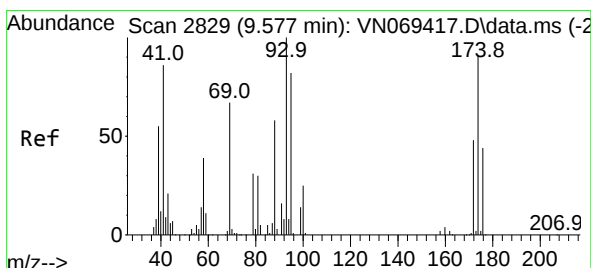
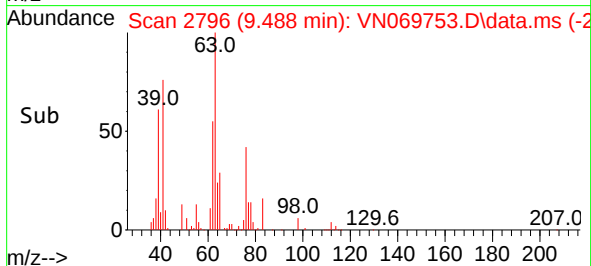
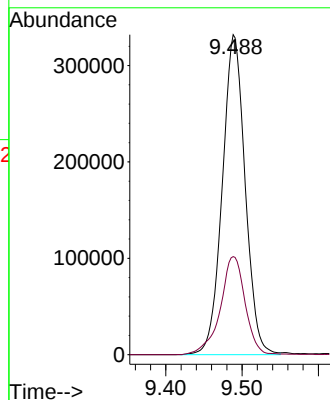
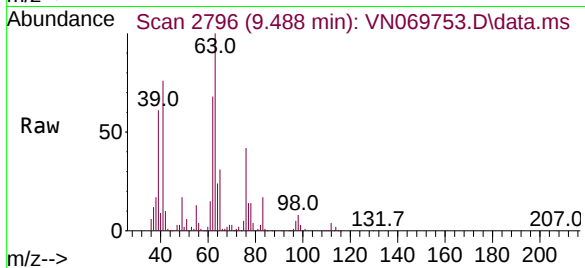
65 30.6 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 49.325 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

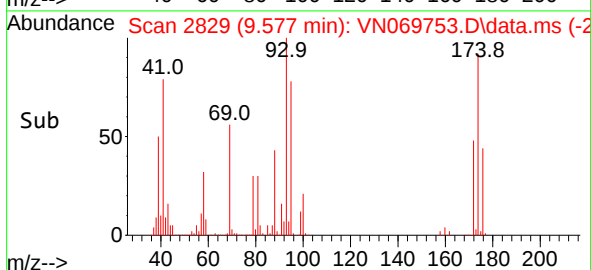
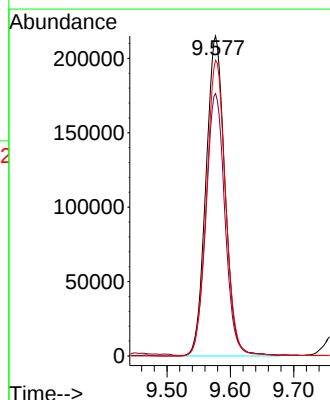
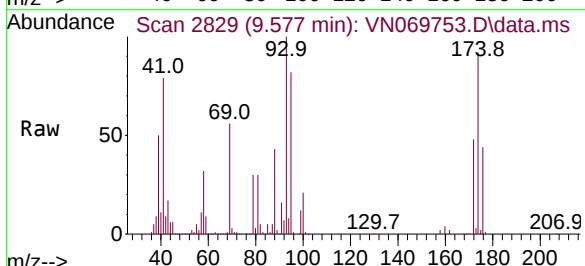
Tgt Ion: 93 Resp: 448763

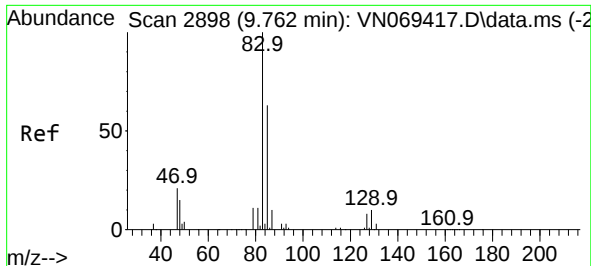
Ion Ratio Lower Upper

93 100

95 81.3 65.9 98.9

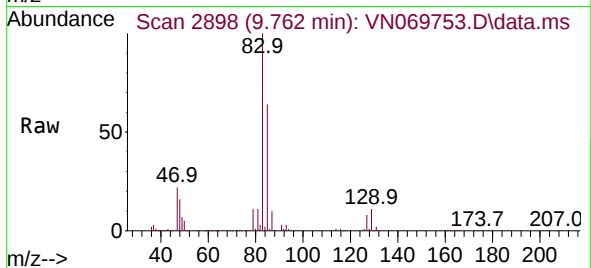
174 92.1 84.6 127.0





#47
Bromodichloromethane
Concen: 50.781 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

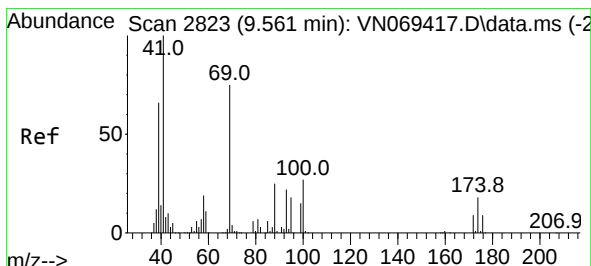
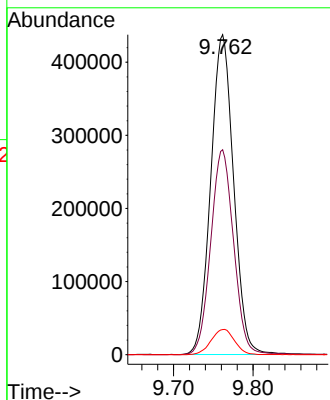
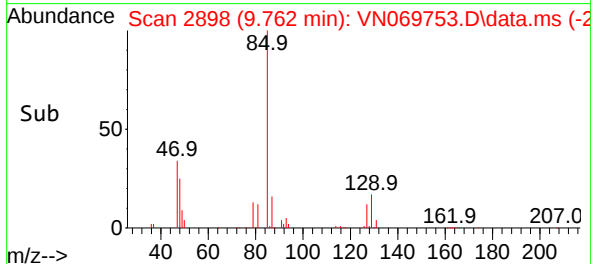
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



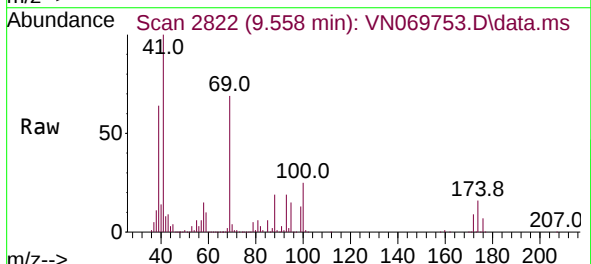
Tgt Ion: 83 Resp: 87474
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3
127 7.9 7.1 10.7

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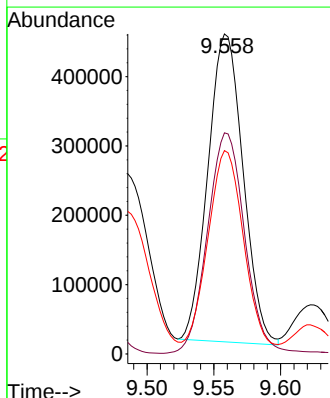
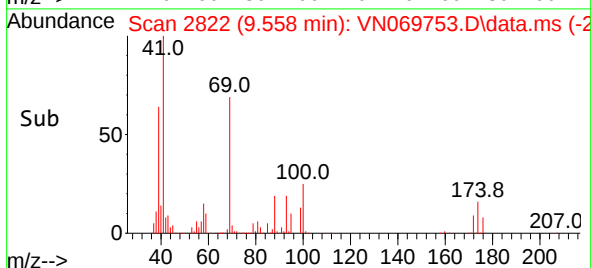
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

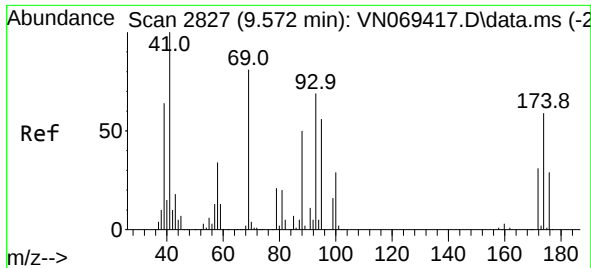


#48
Methyl methacrylate
Concen: 46.832 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



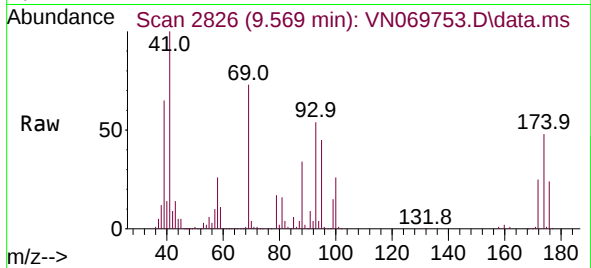
Tgt Ion: 41 Resp: 813575
Ion Ratio Lower Upper
41 100
69 76.3 72.4 108.6
39 68.4 58.4 87.6





#49
1,4-Dioxane
Concen: 801.466 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

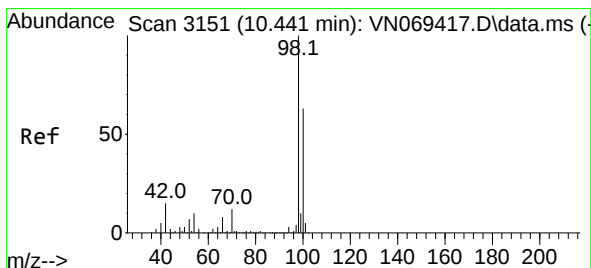
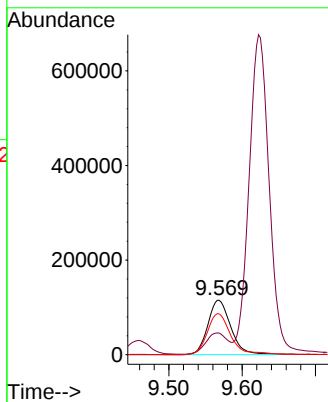
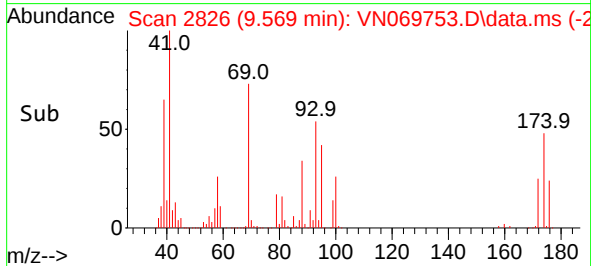
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 88 Resp: 249825
Ion Ratio Lower Upper
88 100
43 38.1 23.4 35.2
58 78.1 50.6 75.8

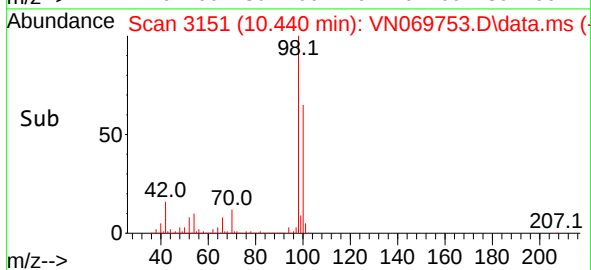
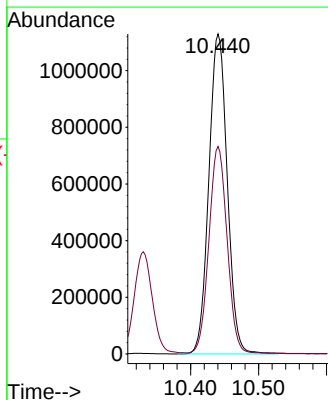
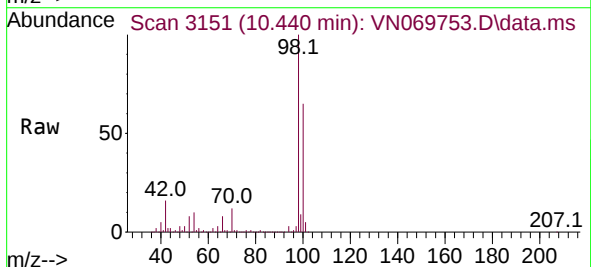
Manual Integrations
APPROVED

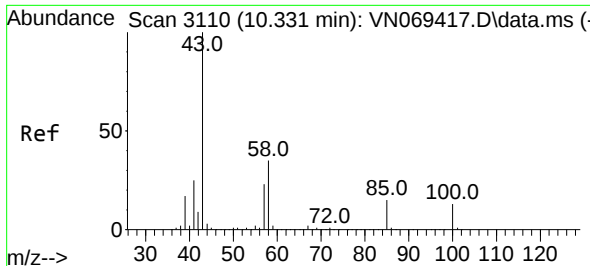
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 47.575 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Tgt Ion: 98 Resp: 2124342
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





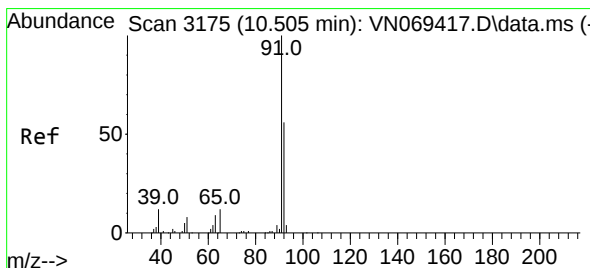
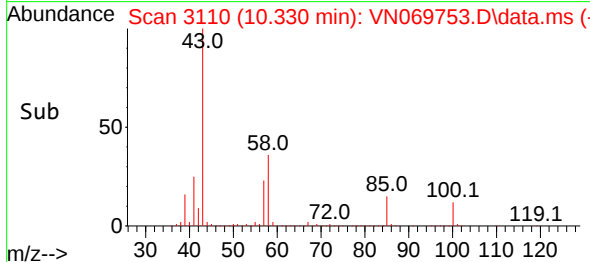
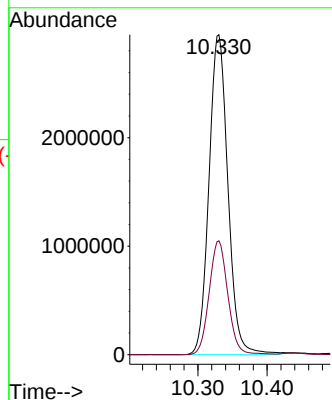
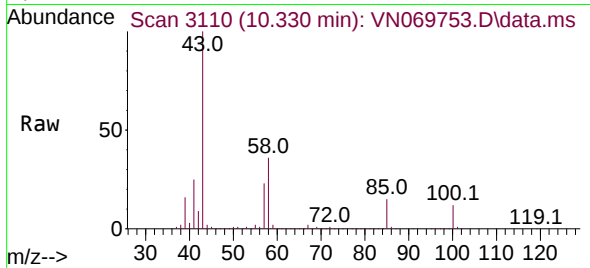
#51
4-Methyl-2-Pentanone
Concen: 231.931 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD

Tgt Ion: 43 Resp: 5600920
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

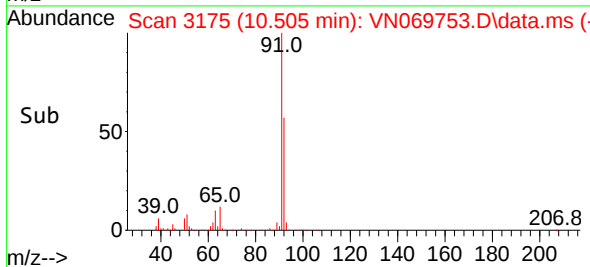
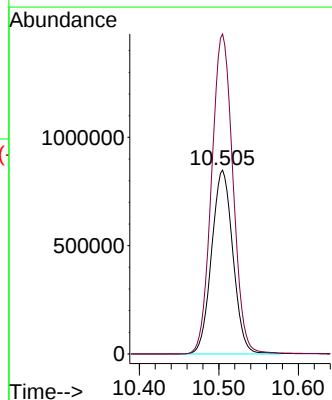
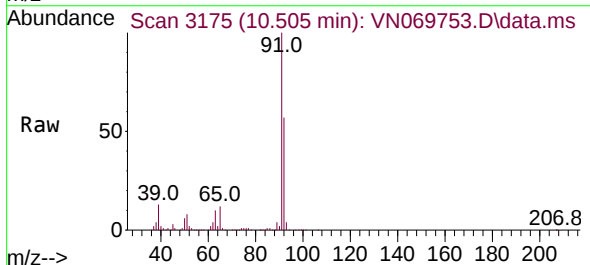
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 50.135 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

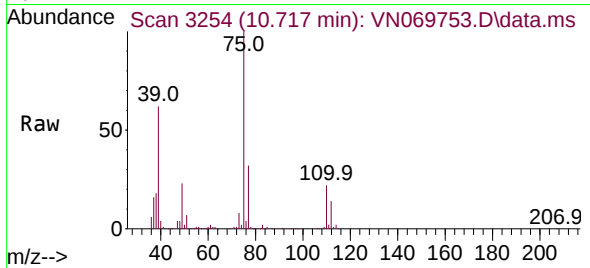
Tgt Ion: 92 Resp: 1581229
Ion Ratio Lower Upper
92 100
91 175.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 44.461 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

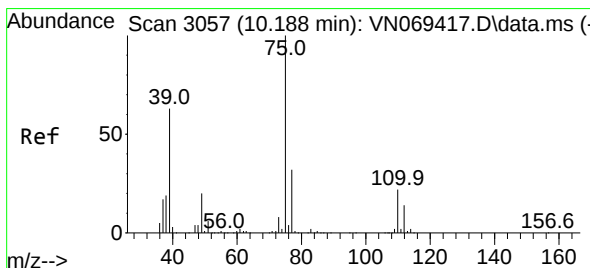
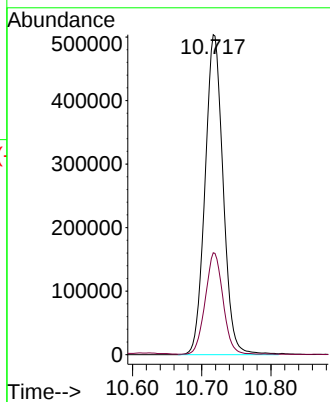
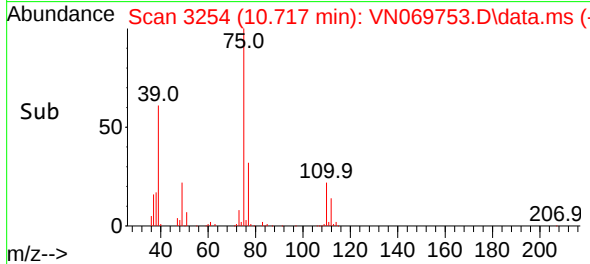
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



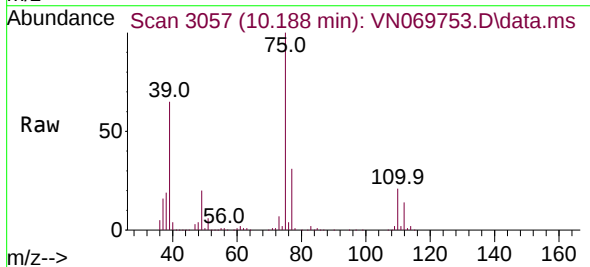
Tgt Ion: 75 Resp: 91451
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

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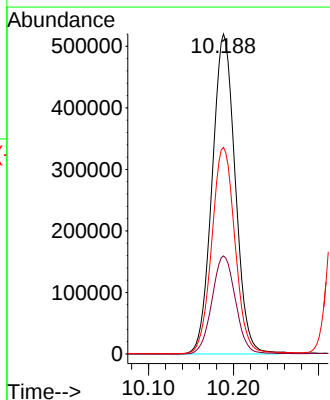
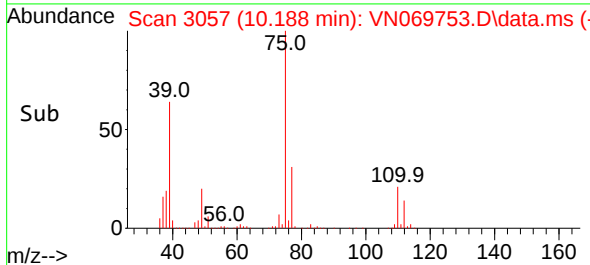
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

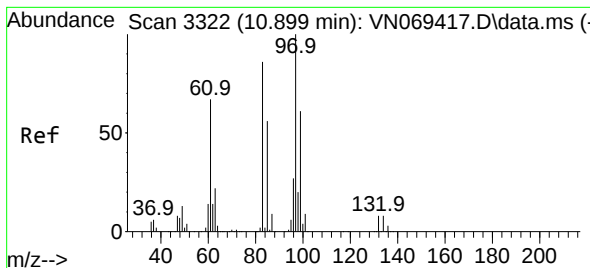


#54
cis-1,3-Dichloropropene
Concen: 45.290 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



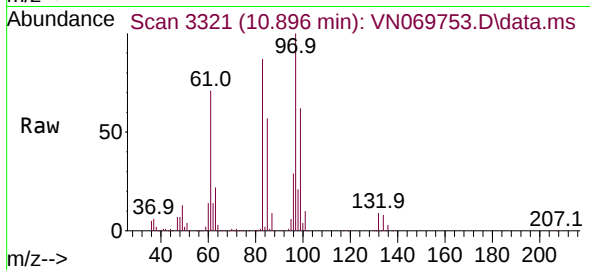
Tgt Ion: 75 Resp: 980650
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6
39 64.4 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 49.270 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

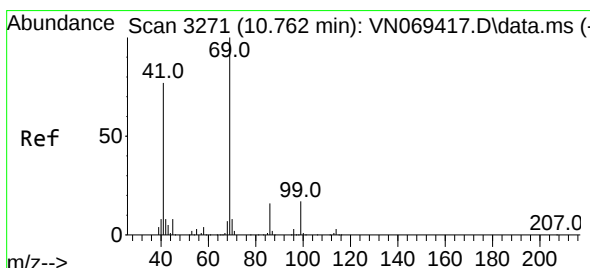
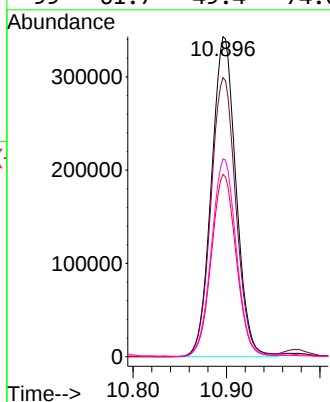
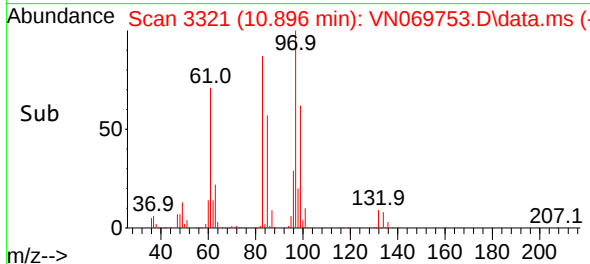
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



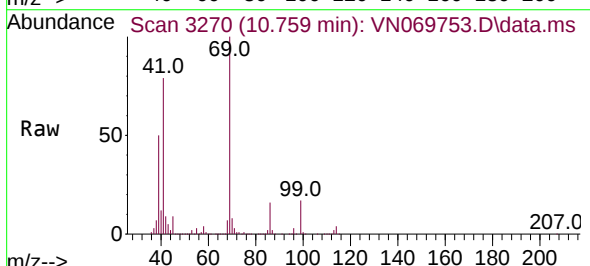
Tgt Ion: 97 Resp: 62698
Ion Ratio Lower Upper
97 100
83 87.2 67.8 101.6
85 56.9 45.4 68.2
99 61.7 49.4 74.0

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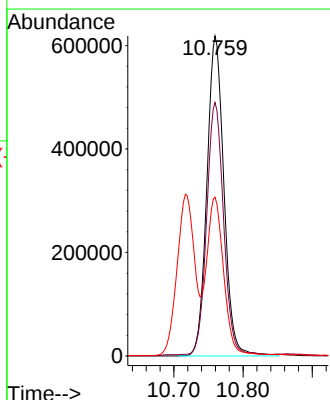
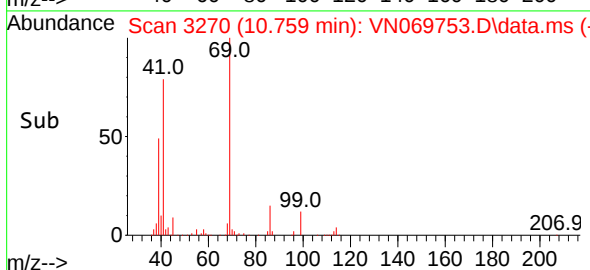
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#56
Ethyl methacrylate
Concen: 44.248 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



Tgt Ion: 69 Resp: 1055841
Ion Ratio Lower Upper
69 100
41 78.0 51.4 77.0#
39 47.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 49.636 ug/l

RT: 11.044 min Scan# 311

Delta R.T. -0.003 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MSD

Tgt Ion: 76 Resp: 111219

Ion Ratio Lower Upper

76 100

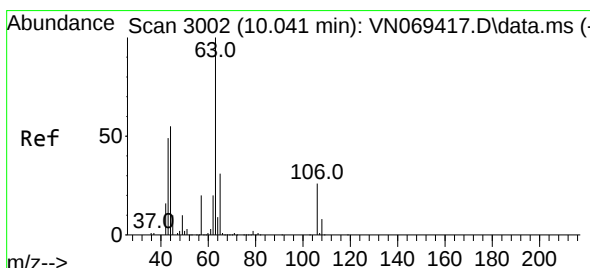
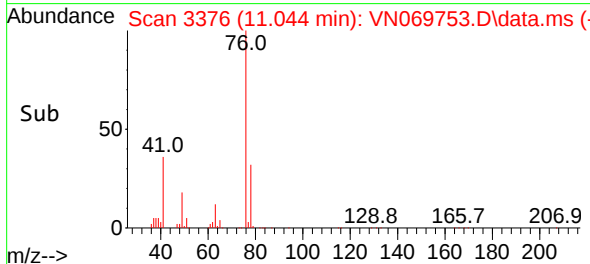
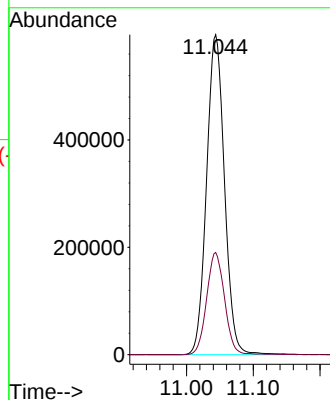
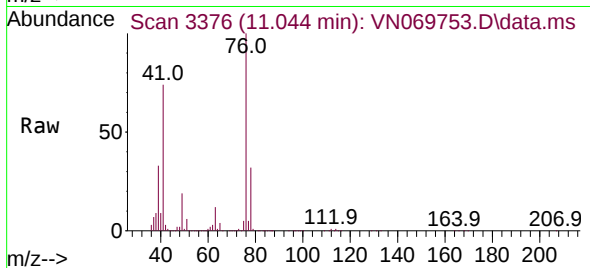
78 31.9 25.7 38.5

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: 10.059 min Scan# 3009

Delta R.T. 0.016 min

Lab File: VN069753.D

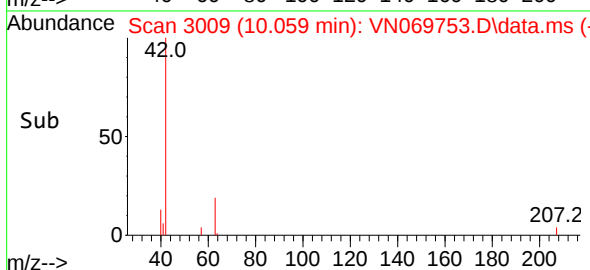
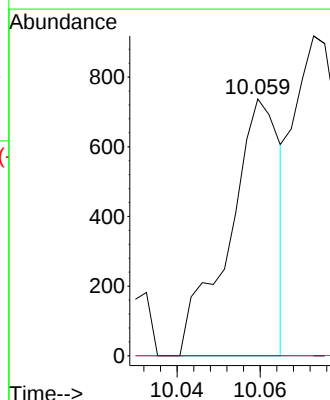
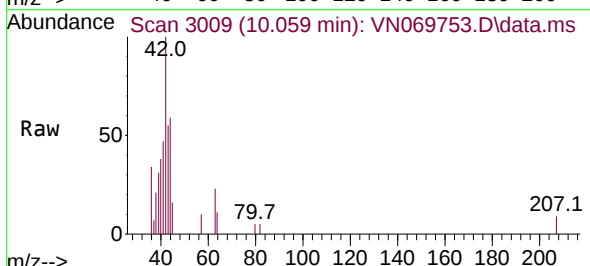
Acq: 4 Dec 2021 6:55

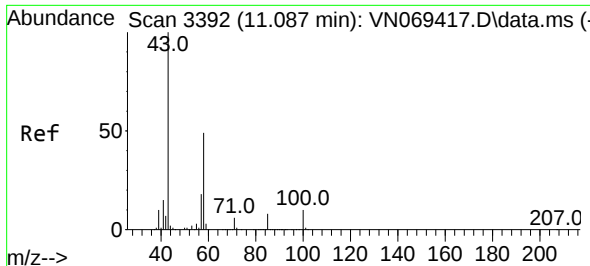
Tgt Ion: 63 Resp: 627

Ion Ratio Lower Upper

63 100

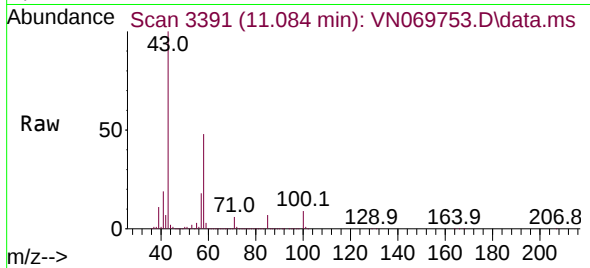
106 0.0 23.9 35.9#





#59
2-Hexanone
Concen: 218.952 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

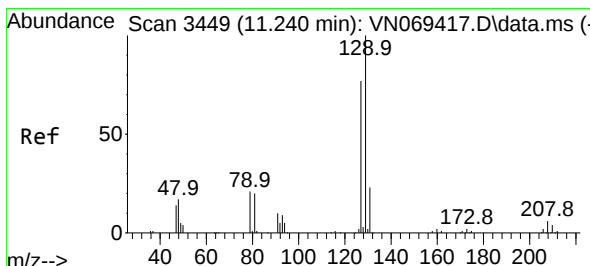
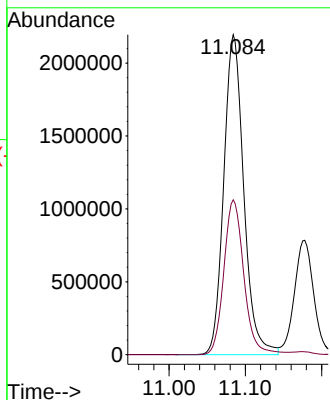
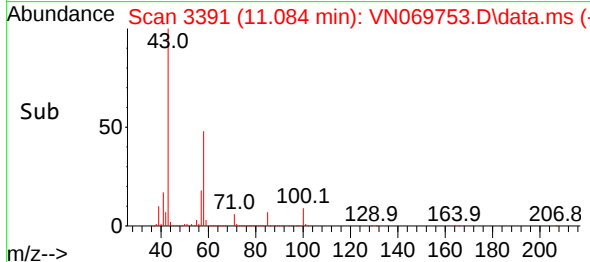
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 43 Resp: 3999819
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7

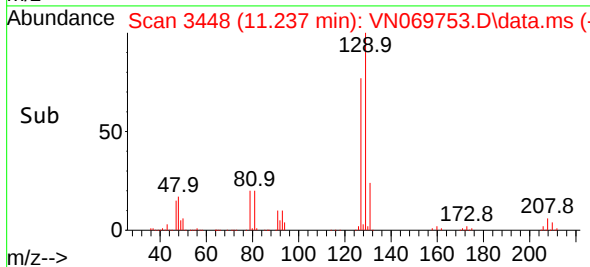
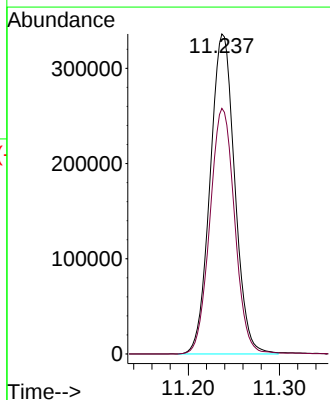
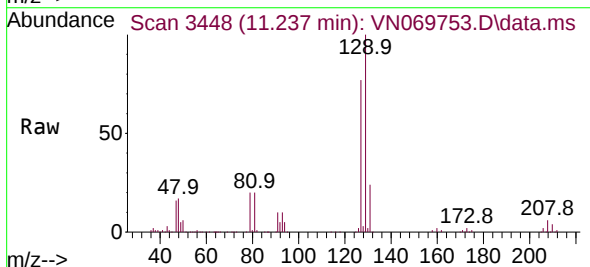
Manual Integrations
APPROVED

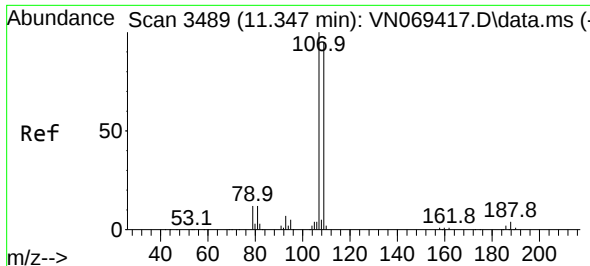
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 46.442 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

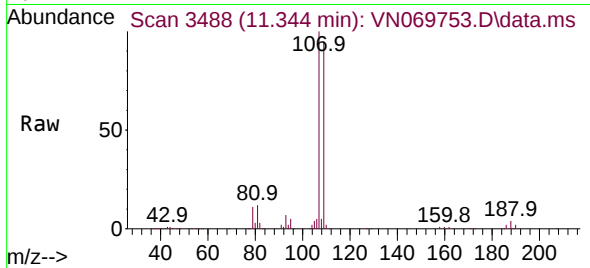
Tgt Ion:129 Resp: 630810
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.009 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

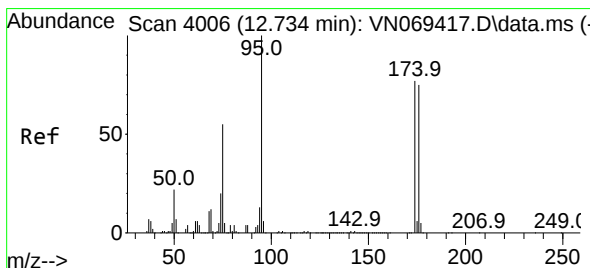
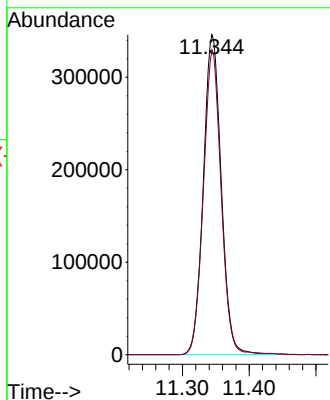
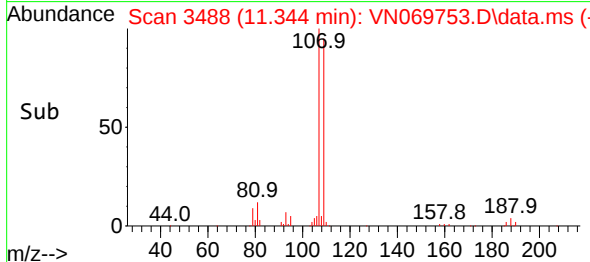
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion:107 Resp: 64596
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

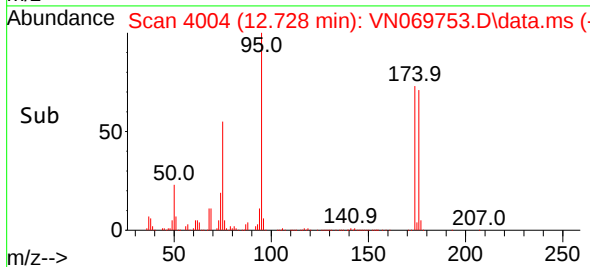
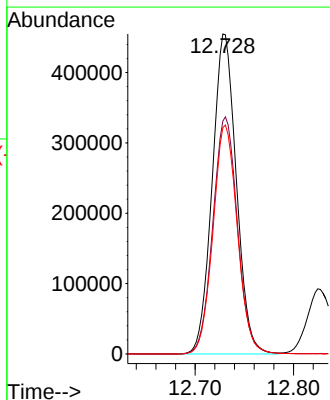
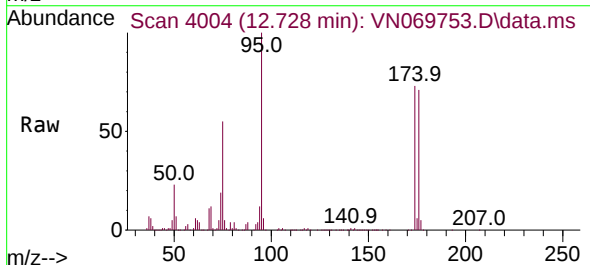
Manual Integrations
APPROVED

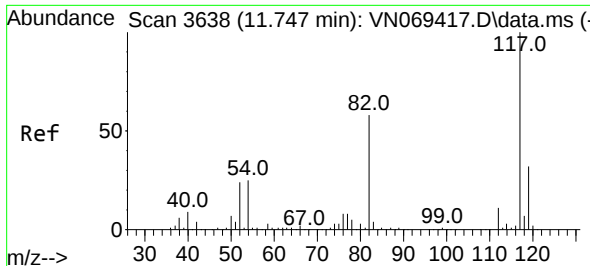
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 47.839 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

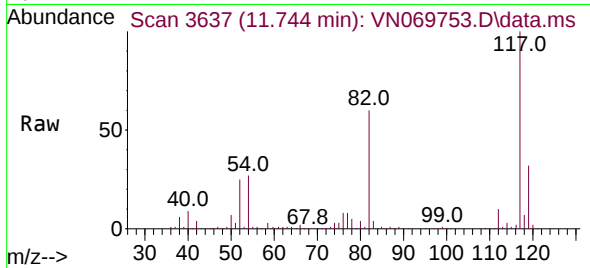
Tgt Ion: 95 Resp: 773884
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

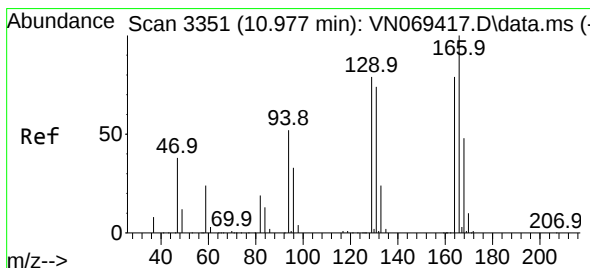
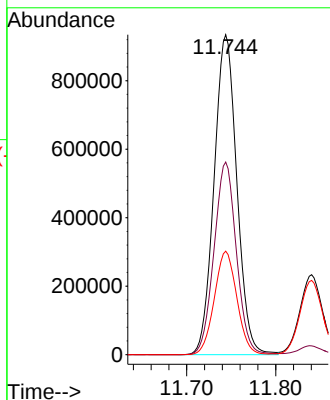
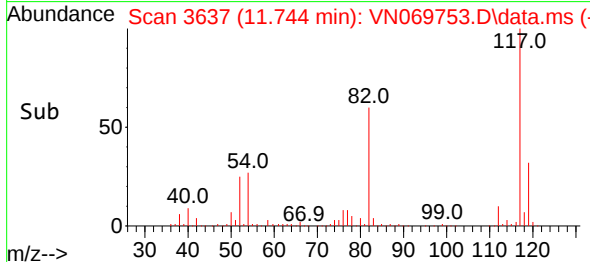
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion:117 Resp: 166058
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 32.4 25.4 38.2

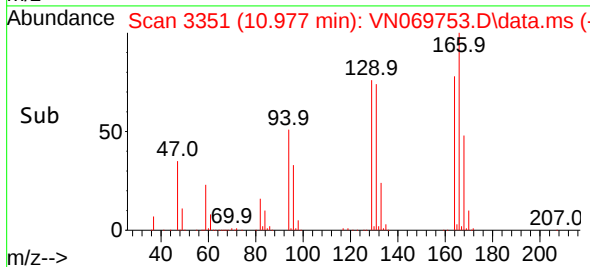
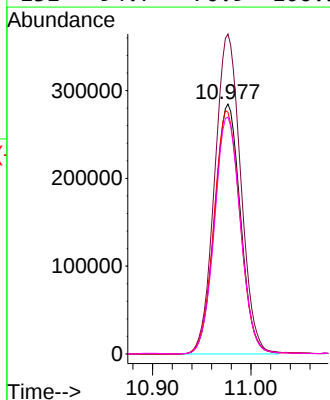
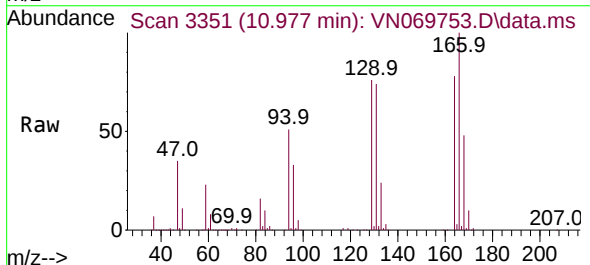
Manual Integrations
APPROVED

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



#64
Tetrachloroethene
Concen: 46.252 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

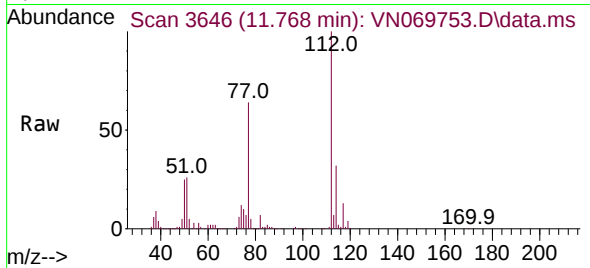
Tgt Ion:164 Resp: 520787
Ion Ratio Lower Upper
164 100
166 128.0 101.9 152.9
129 96.7 72.0 108.0
131 94.7 70.9 106.3





#65
Chlorobenzene
Concen: 49.284 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

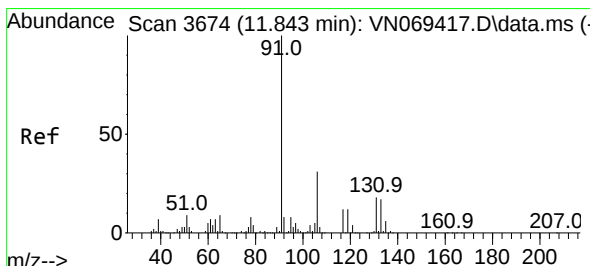
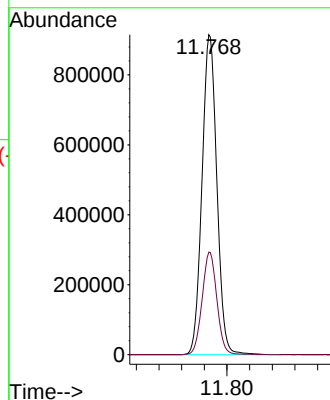
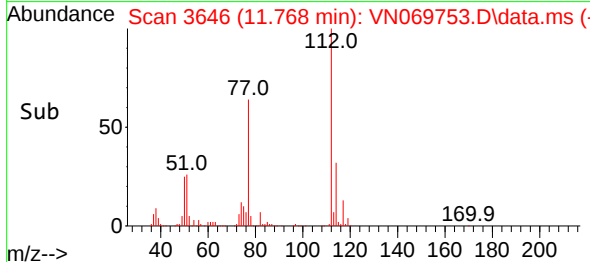
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion:112 Resp: 1660299
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

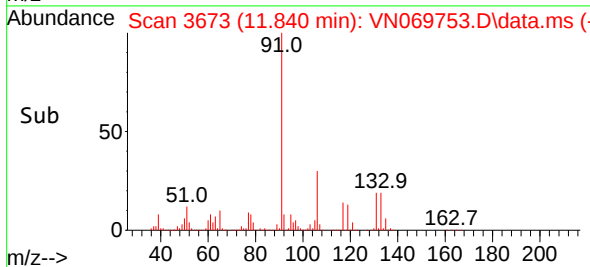
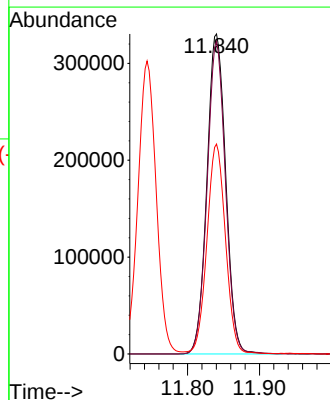
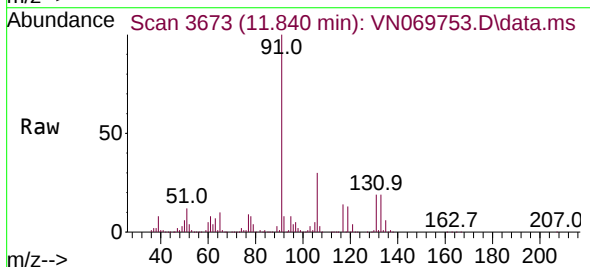
Manual Integrations
APPROVED

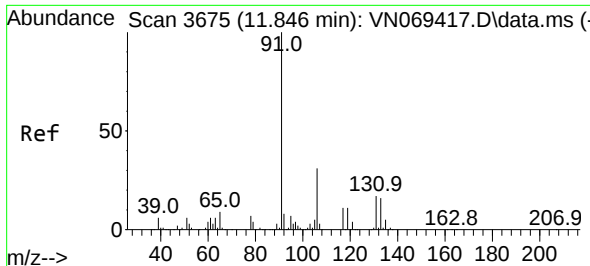
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 50.731 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

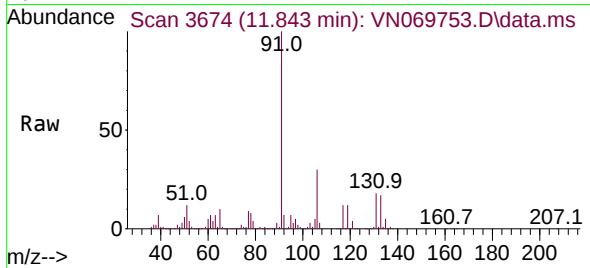
Tgt Ion:131 Resp: 601531
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 50.532 ug/l
RT: 11.843 min Scan# 3092278
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

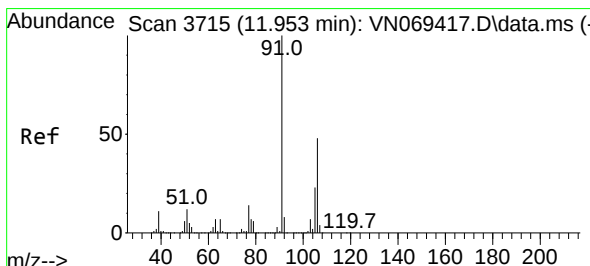
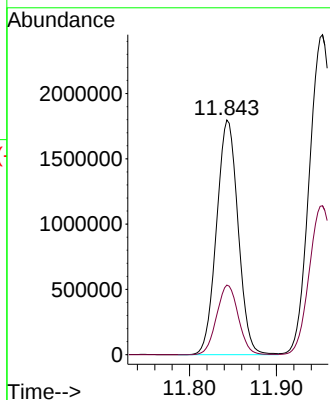
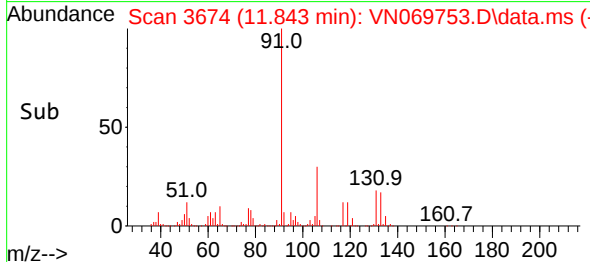
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 91 Resp: 3092278
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

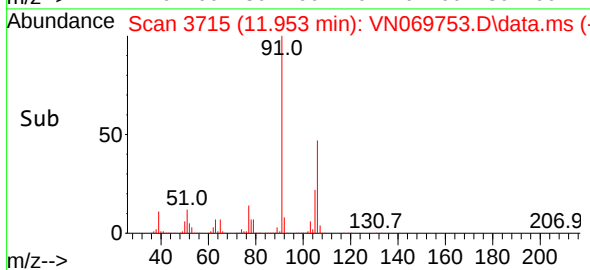
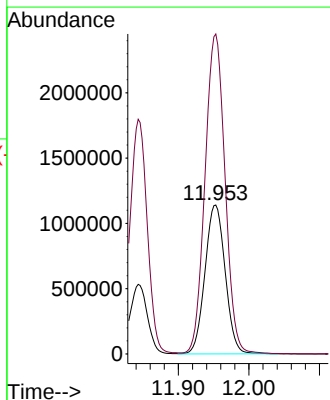
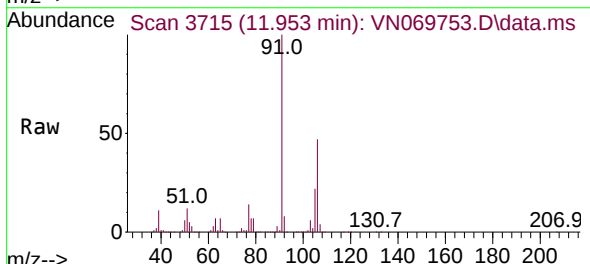
Manual Integrations
APPROVED

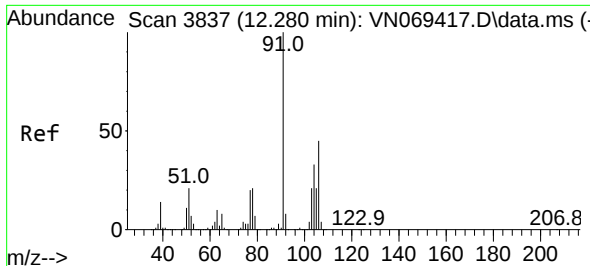
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 101.803 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

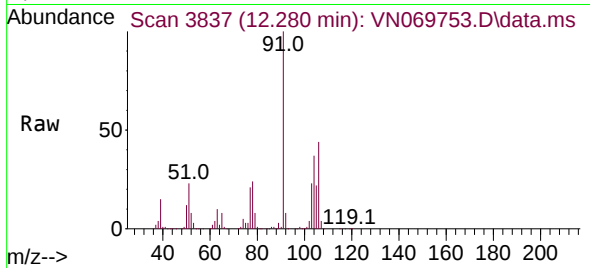
Tgt Ion:106 Resp: 2268287
Ion Ratio Lower Upper
106 100
91 213.4 160.6 240.8





#69
o-Xylene
Concen: 50.564 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

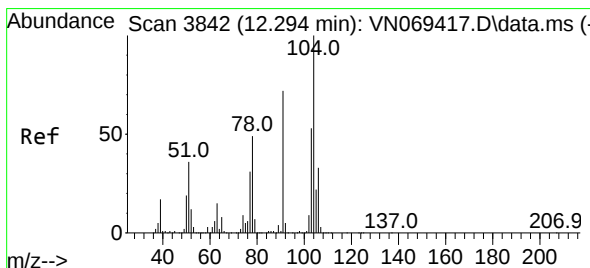
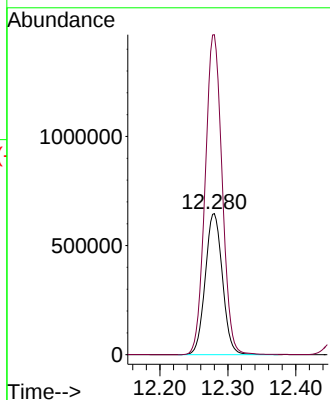
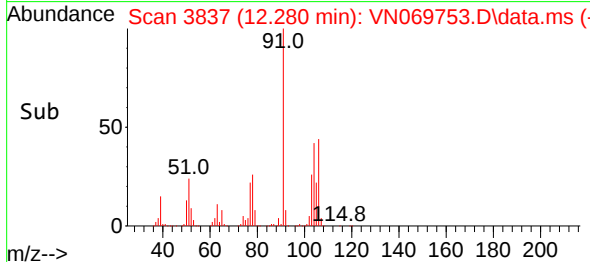
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion:106 Resp: 113481
Ion Ratio Lower Upper
106 100
91 224.8 105.8 317.3

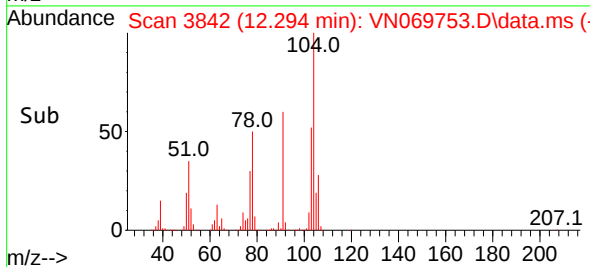
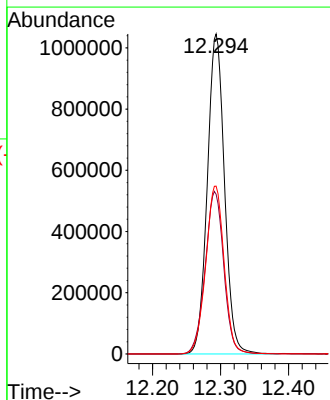
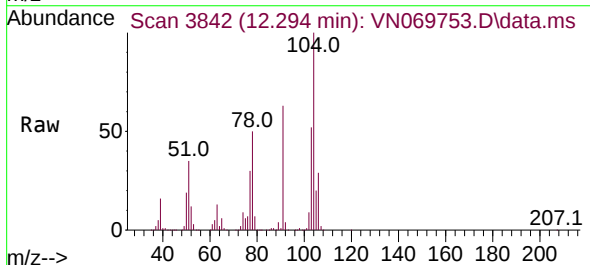
Manual Integrations
APPROVED

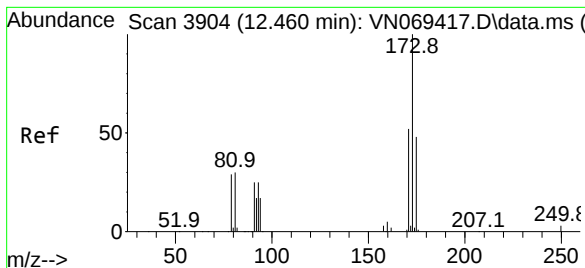
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 51.666 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Tgt Ion:104 Resp: 1838684
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.4 45.0 67.6





#71

Bromoform

Concen: 44.992 ug/l

RT: 12.457 min Scan# 3903

Delta R.T. -0.003 min

Lab File: VN069753.D

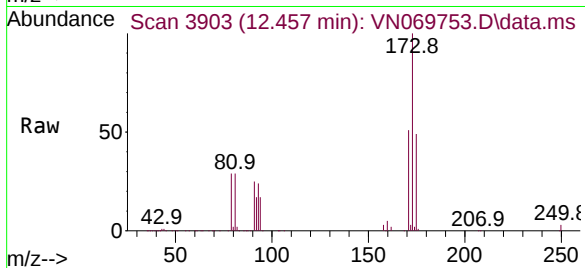
Acq: 4 Dec 2021 6:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20211130MSD



Tgt Ion:173 Resp: 453352

Ion Ratio Lower Upper

173 100

175 48.5 24.2 72.6

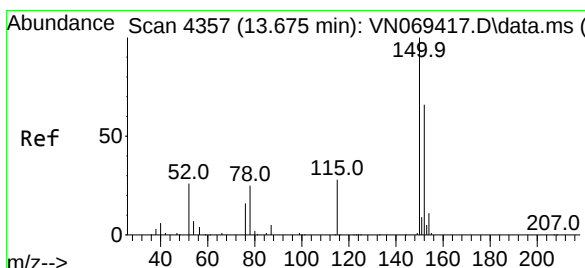
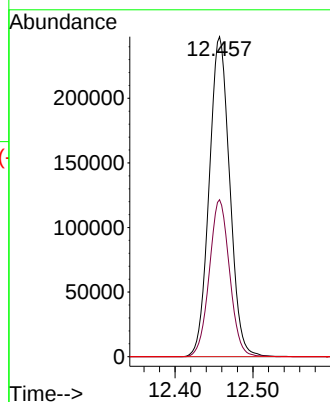
254 0.0 0.0 0.0

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: 13.672 min Scan# 4356

Delta R.T. -0.005 min

Lab File: VN069753.D

Acq: 4 Dec 2021 6:55

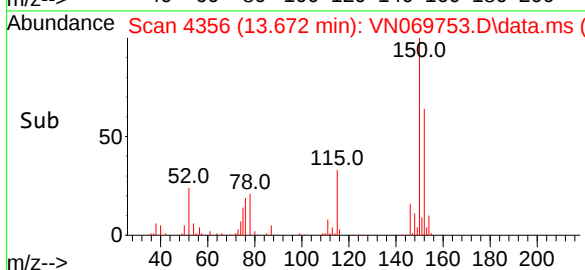
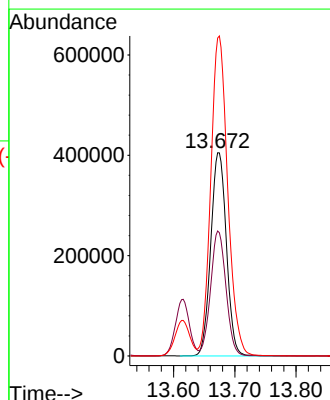
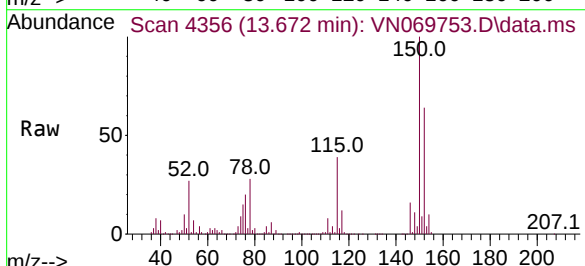
Tgt Ion:152 Resp: 718209

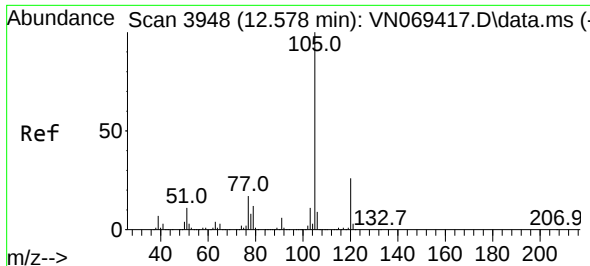
Ion Ratio Lower Upper

152 100

115 60.1 27.5 82.5

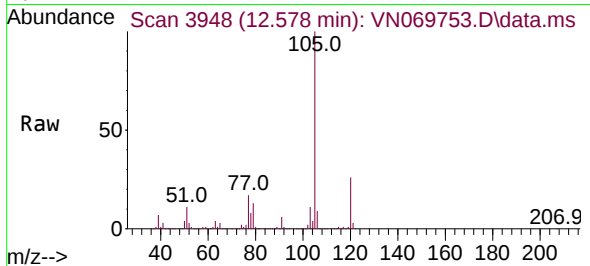
150 170.1 0.0 344.4





#73
Isopropylbenzene
Concen: 46.561 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

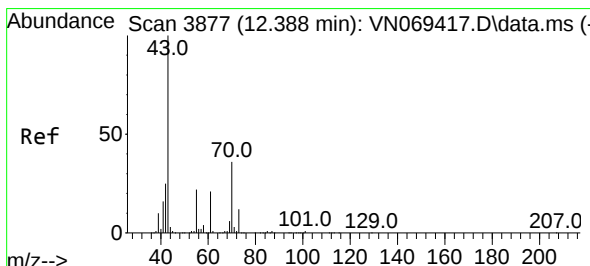
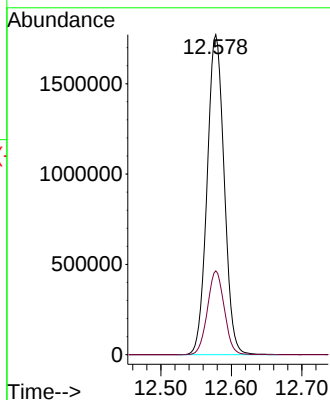
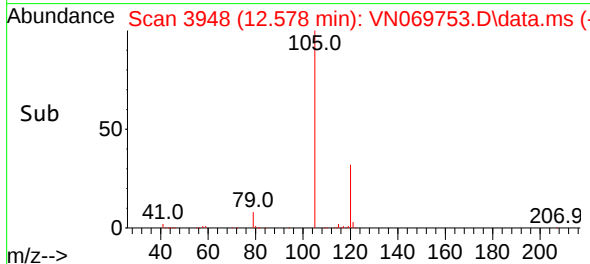
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion:105 Resp: 297525
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

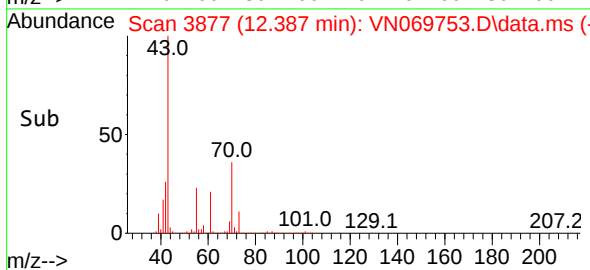
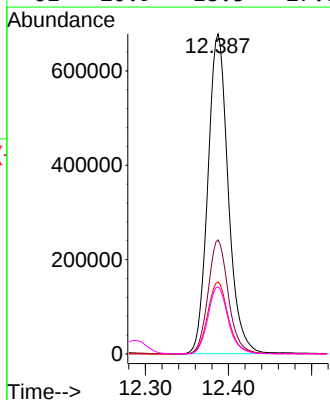
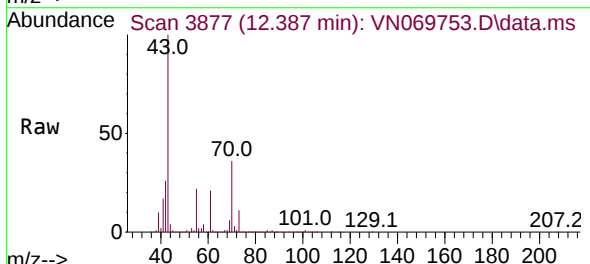
Manual Integrations
APPROVED

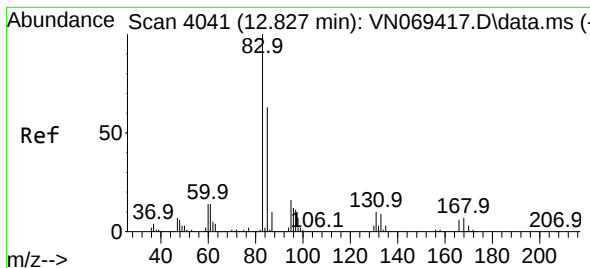
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#74
N-ethyl acetate
Concen: 40.755 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

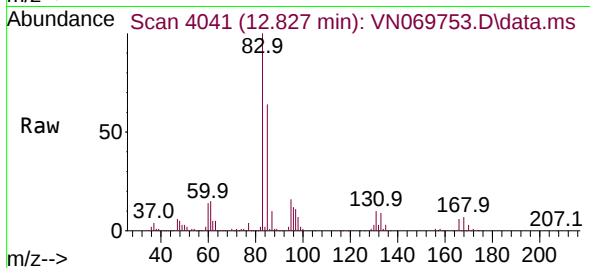
Tgt Ion: 43 Resp: 1151705
Ion Ratio Lower Upper
43 100
70 35.6 33.4 50.0
55 23.1 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.449 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

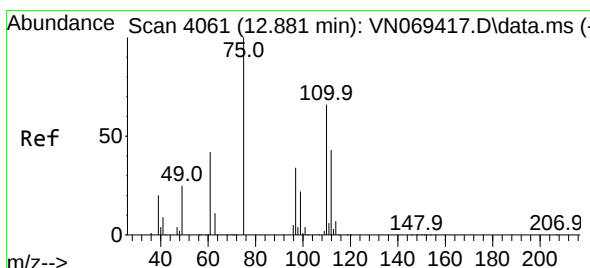
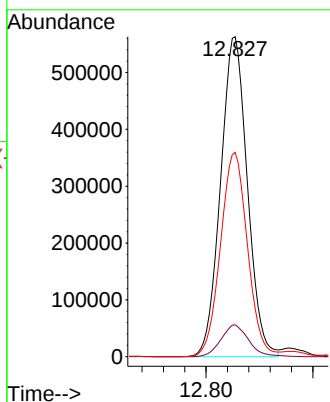
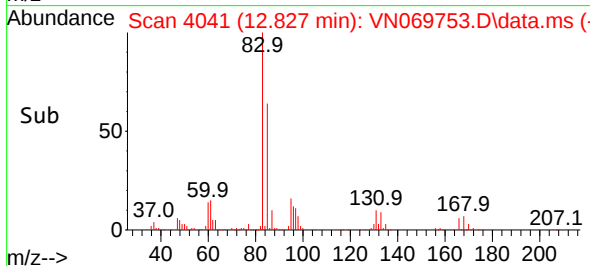
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



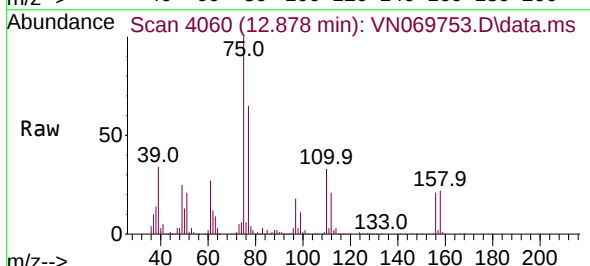
Tgt Ion: 83 Resp: 982170
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 64.2 32.4 97.2

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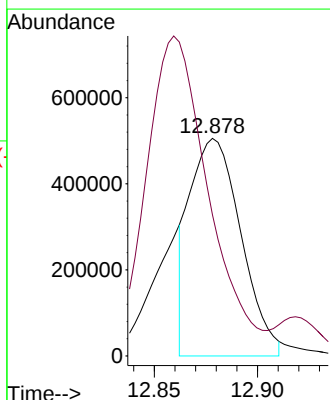
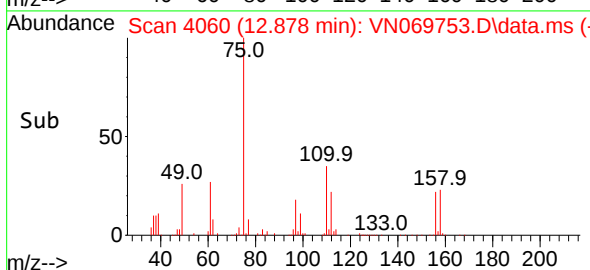
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#76
1,2,3-Trichloropropane
Concen: 42.294 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



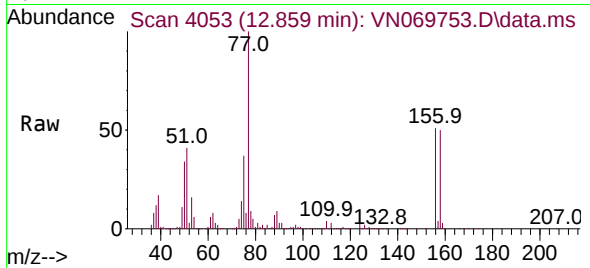
Tgt Ion: 75 Resp: 871105
Ion Ratio Lower Upper
75 100
77 179.8 82.6 247.8





#77
Bromobenzene
Concen: 45.850 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

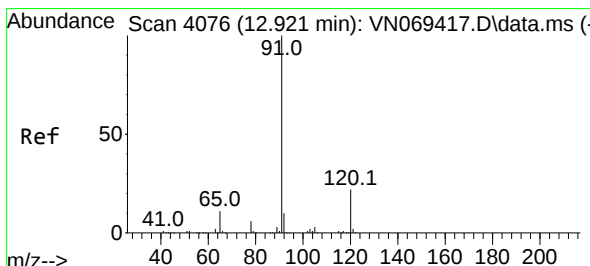
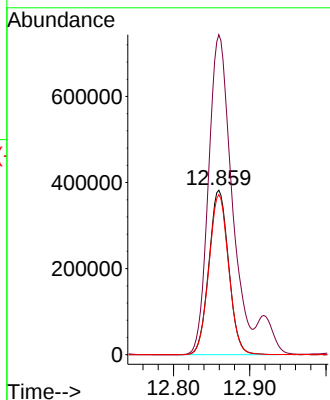
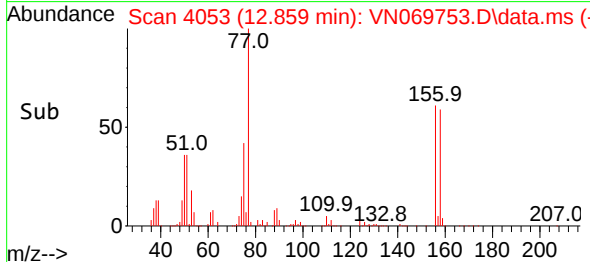
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion:156 Resp: 688172
Ion Ratio Lower Upper
156 100
77 227.6 90.6 271.8
158 97.2 48.9 146.7

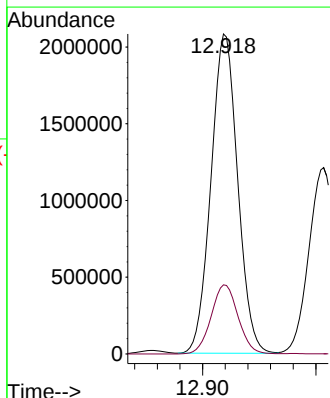
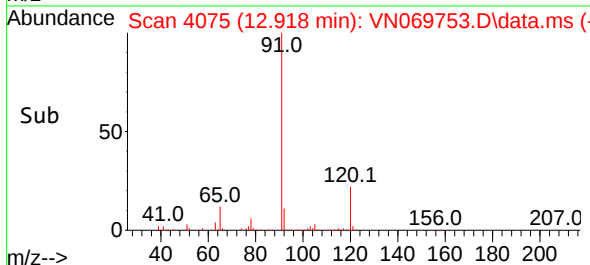
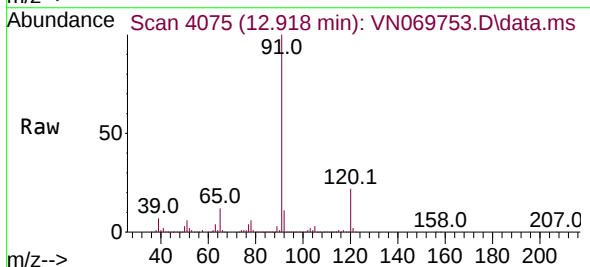
Manual Integrations
APPROVED

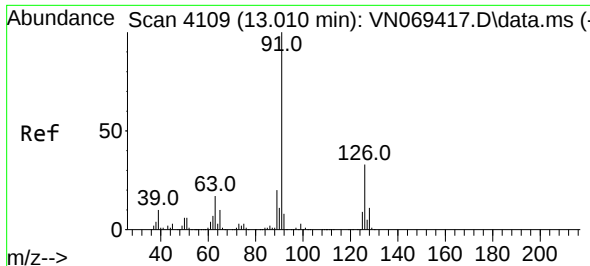
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 47.887 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Tgt Ion: 91 Resp: 3405115
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





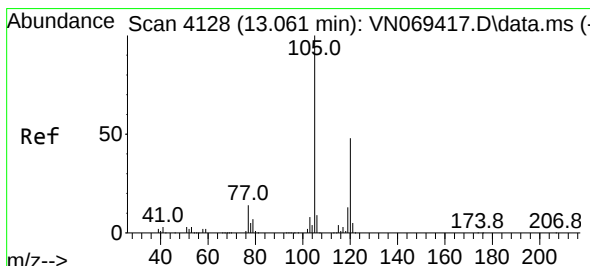
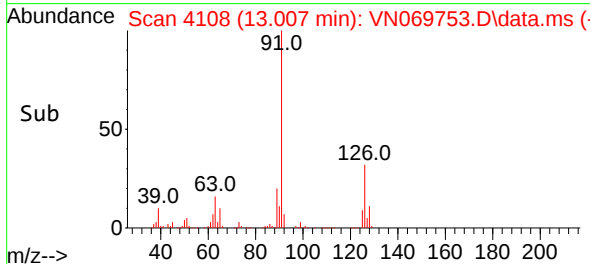
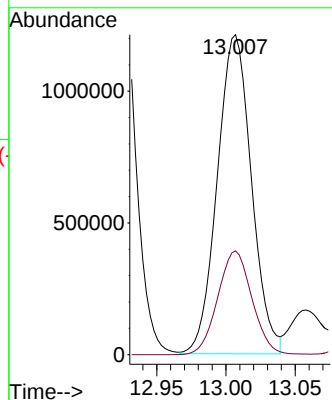
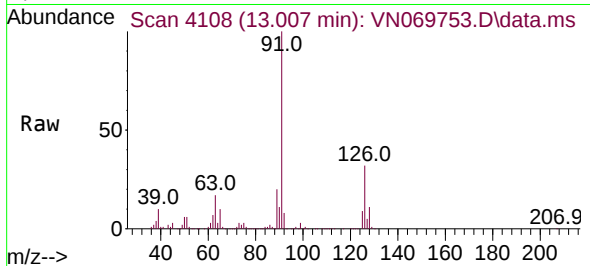
#79
2-Chlorotoluene
Concen: 46.293 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD

Tgt Ion: 91 Resp: 207998
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

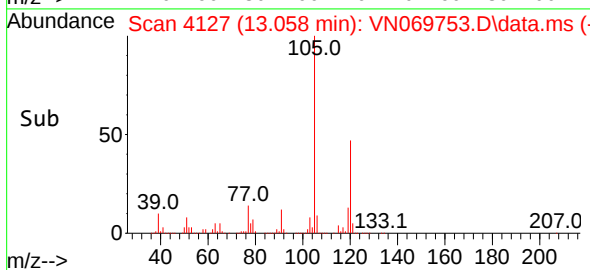
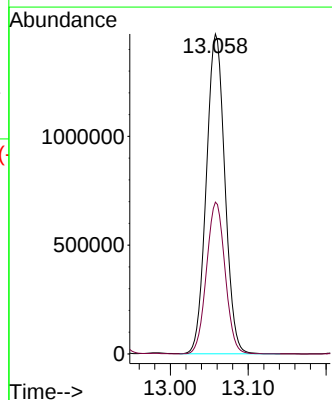
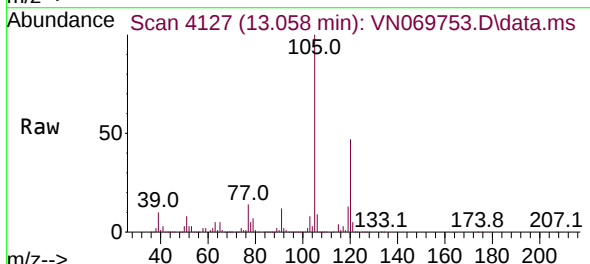
Manual Integrations
APPROVED

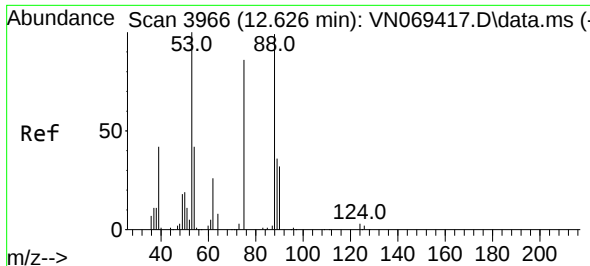
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 47.313 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

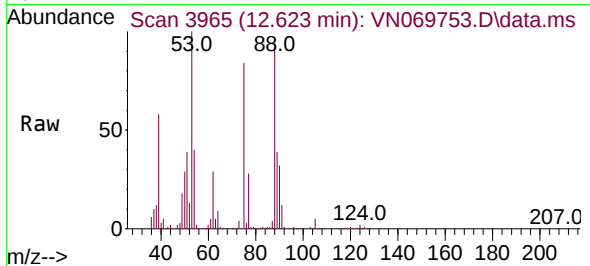
Tgt Ion:105 Resp: 2433427
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 39.726 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

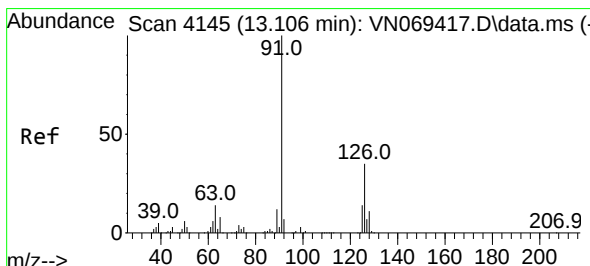
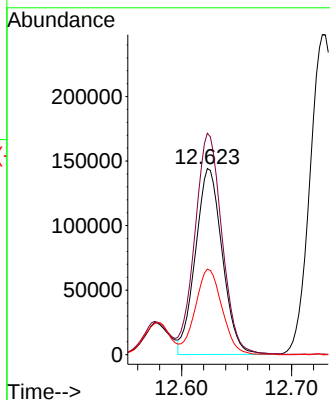
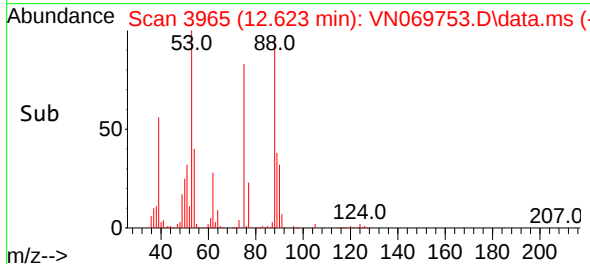
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 75 Resp: 24428
Ion Ratio Lower Upper
75 100
53 120.7 90.5 135.7
89 46.3 38.2 57.4

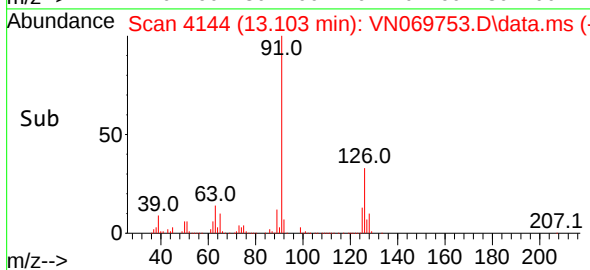
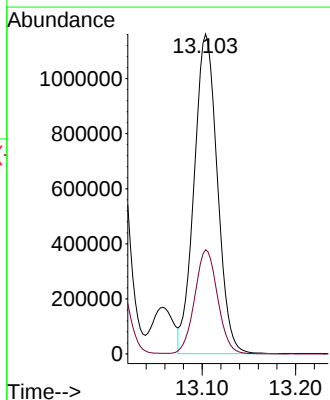
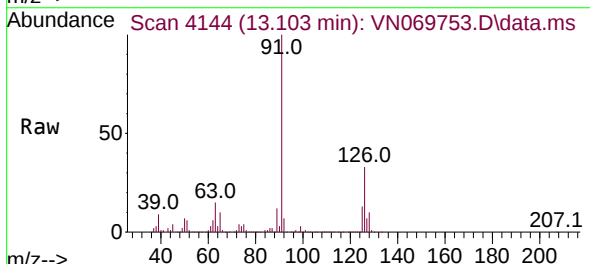
Manual Integrations
APPROVED

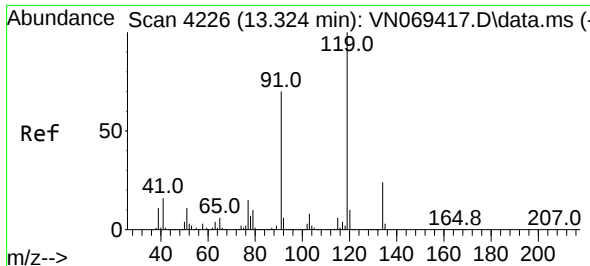
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 47.342 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

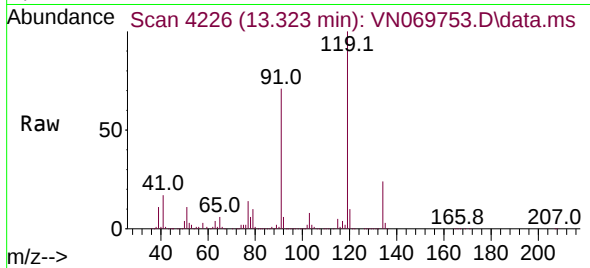
Tgt Ion: 91 Resp: 2000404
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 46.438 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

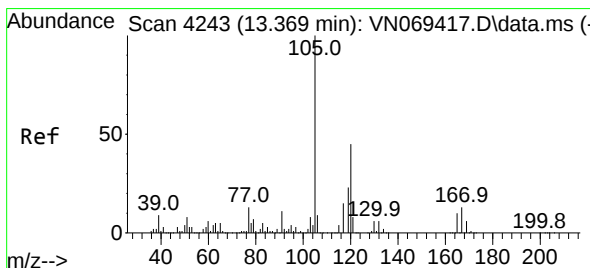
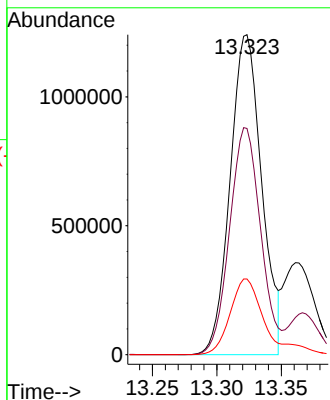
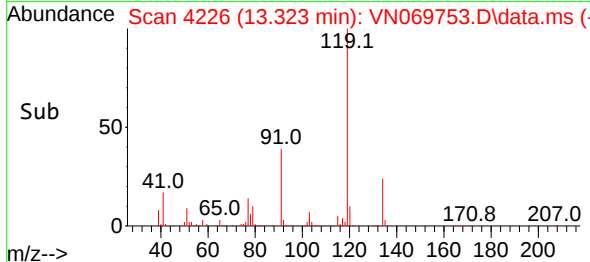
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion:119 Resp: 211486
Ion Ratio Lower Upper
119 100
91 70.1 31.5 94.5
134 26.1 12.4 37.4

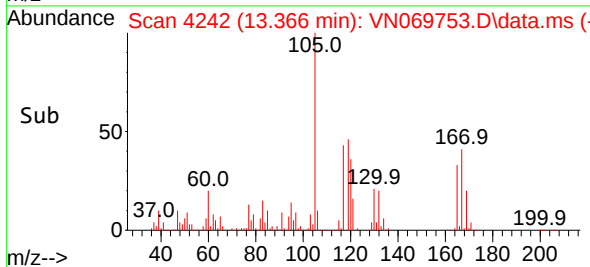
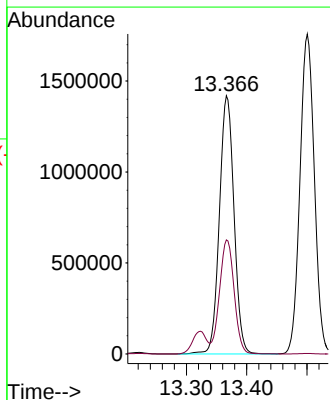
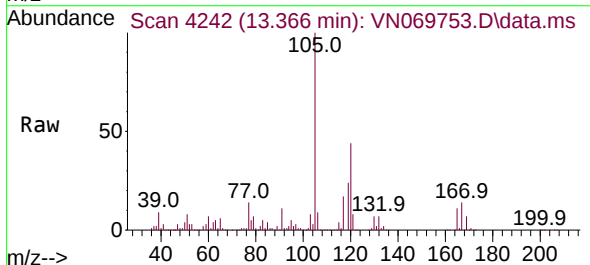
Manual Integrations
APPROVED

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



#84
1,2,4-Trimethylbenzene
Concen: 48.727 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

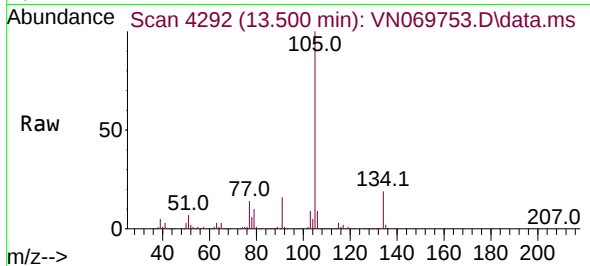
Tgt Ion:105 Resp: 2386736
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 47.151 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069753.D
 Acq: 4 Dec 2021 6:55

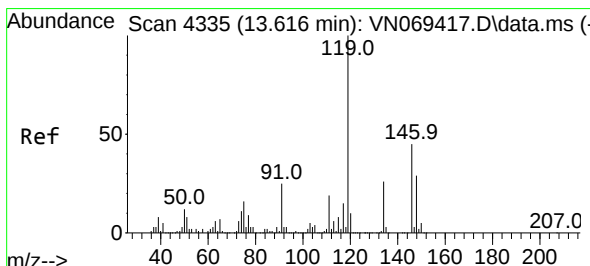
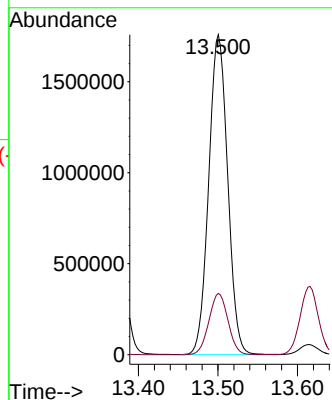
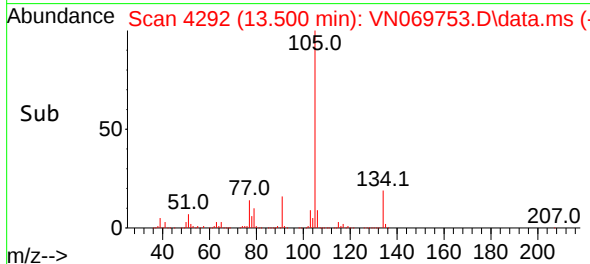
Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20211130MSD



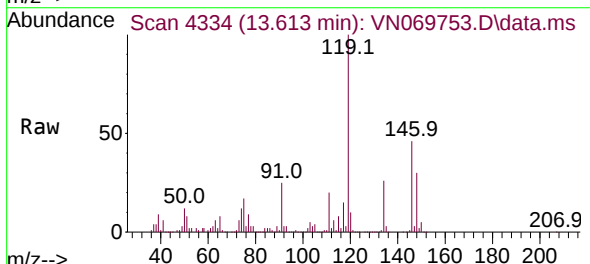
Tgt Ion:105 Resp: 291266
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

Manual Integrations
 APPROVED

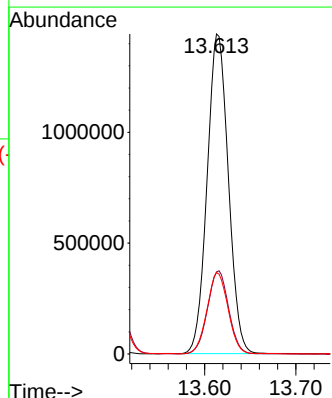
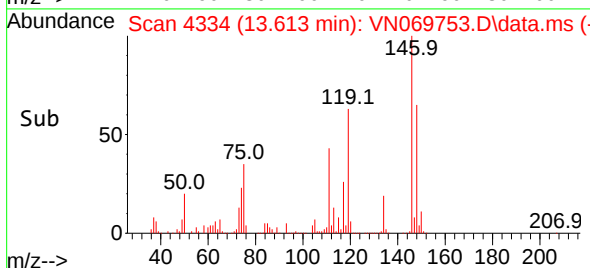
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 48.282 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN069753.D
 Acq: 4 Dec 2021 6:55



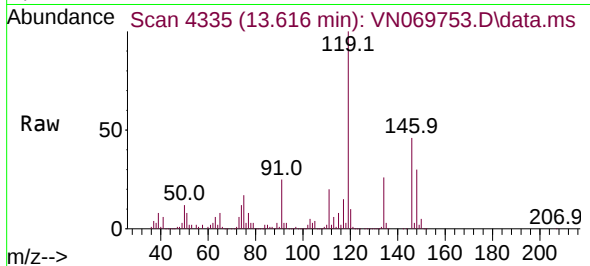
Tgt Ion:119 Resp: 2331317
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 47.043 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

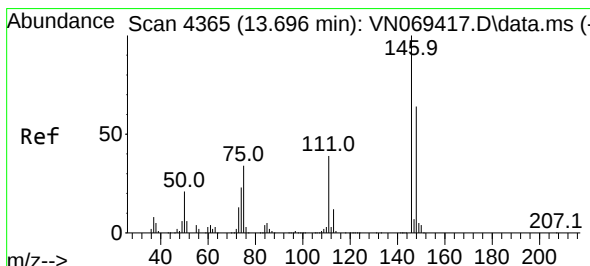
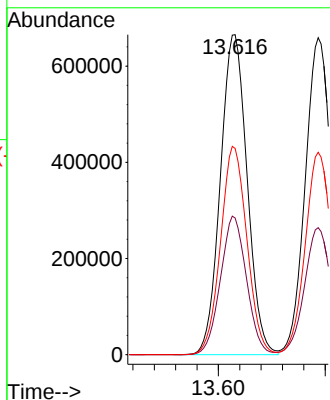
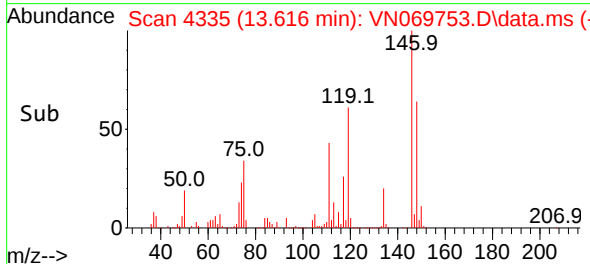
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



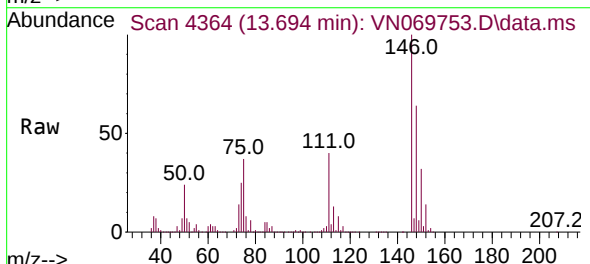
Tgt Ion:146 Resp: 115998
Ion Ratio Lower Upper
146 100
111 42.2 18.6 55.6
148 64.0 31.6 95.0

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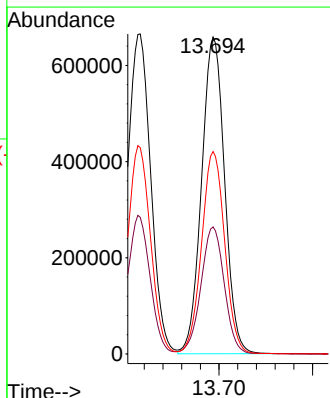
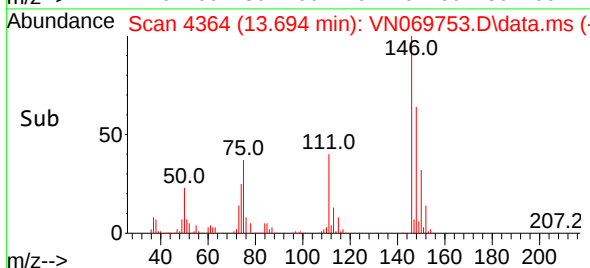
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#88
1,4-Dichlorobenzene
Concen: 46.451 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



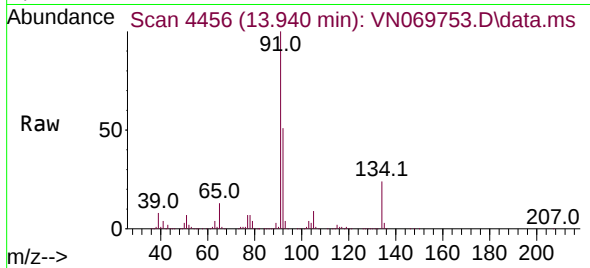
Tgt Ion:146 Resp: 1125604
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 47.074 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

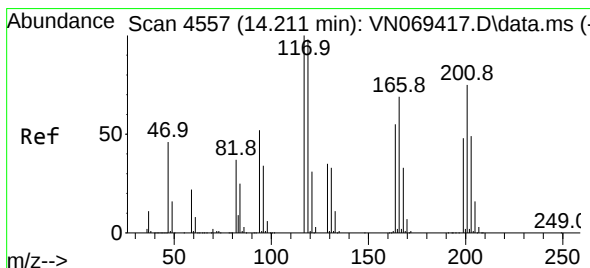
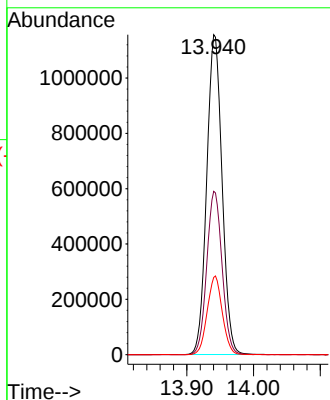
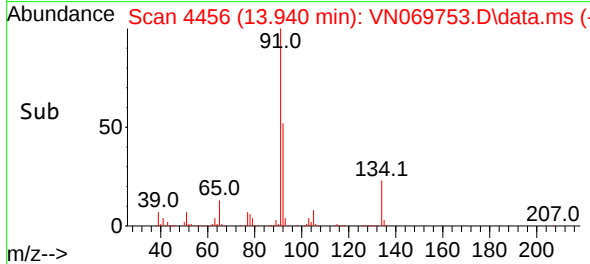
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



Tgt Ion: 91 Resp: 1843840
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 24.2 13.6 40.8

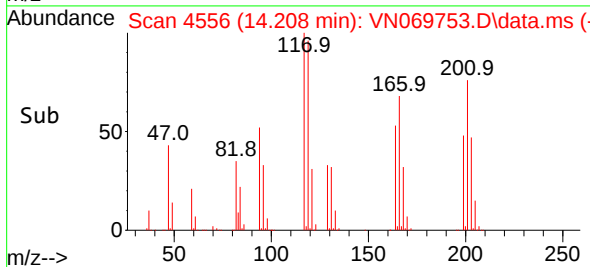
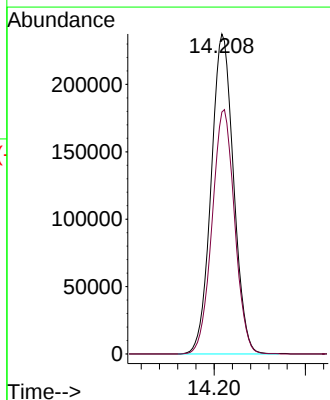
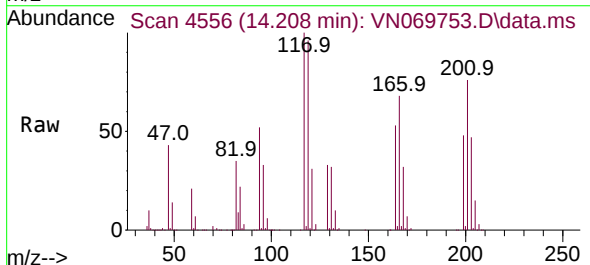
Manual Integrations
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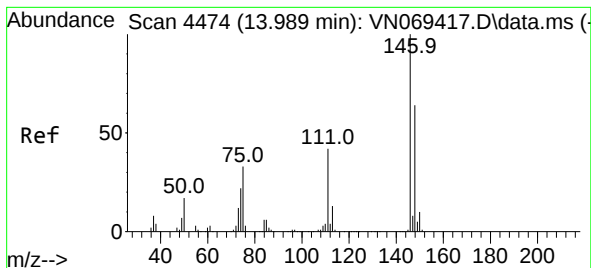
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 47.734 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

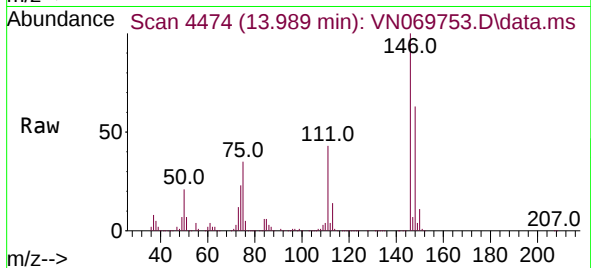
Tgt Ion:117 Resp: 404664
Ion Ratio Lower Upper
117 100
201 76.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 47.191 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

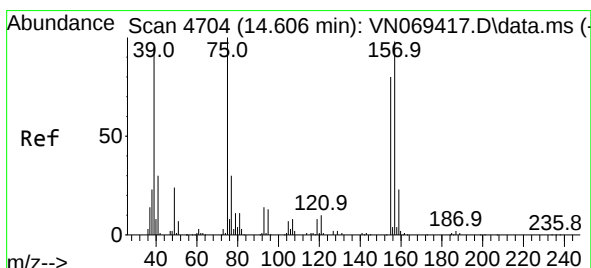
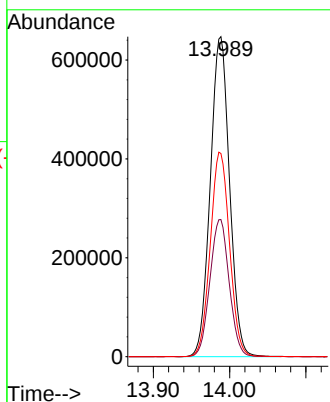
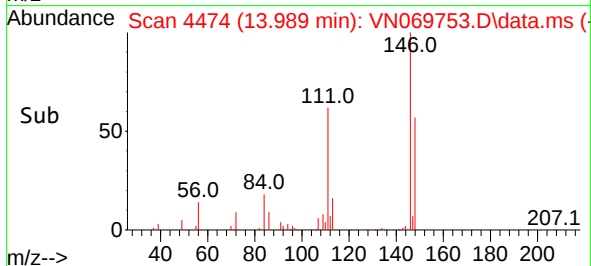
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



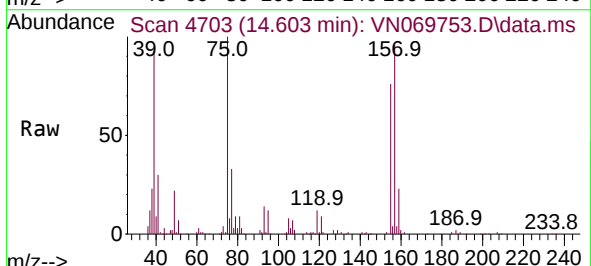
Tgt Ion:146 Resp: 1133784
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 64.0 32.1 96.3

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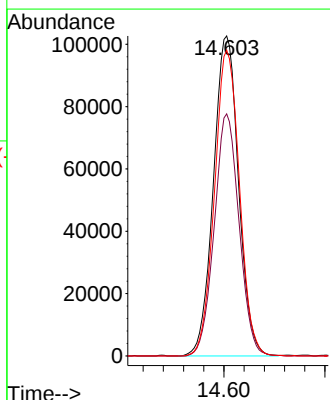
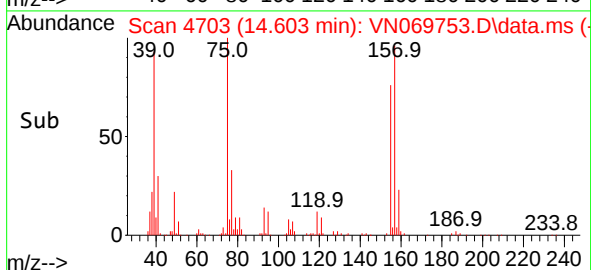
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

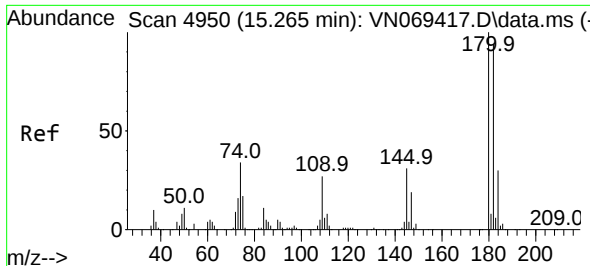


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.345 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



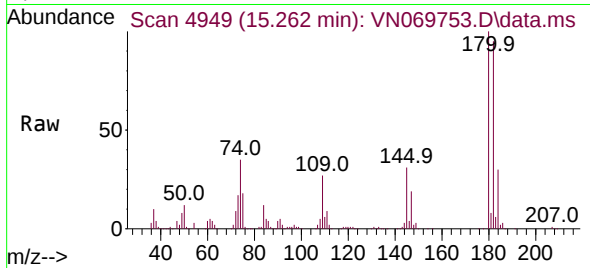
Tgt Ion: 75 Resp: 177064
Ion Ratio Lower Upper
75 100
155 74.7 46.9 140.7
157 94.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 43.049 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

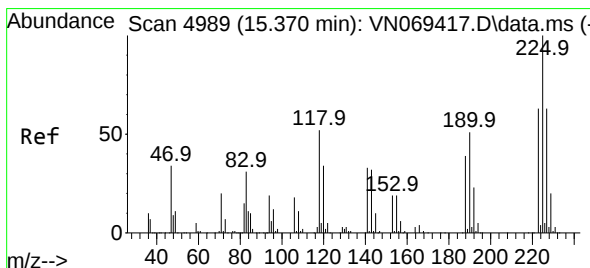
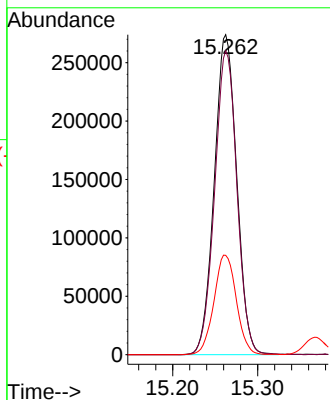
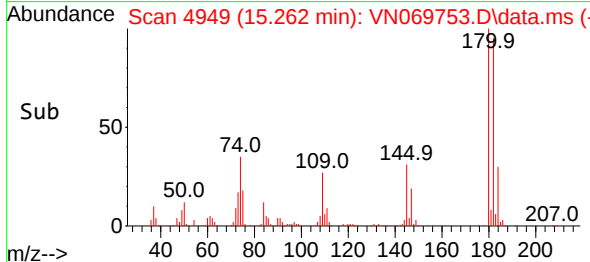
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD



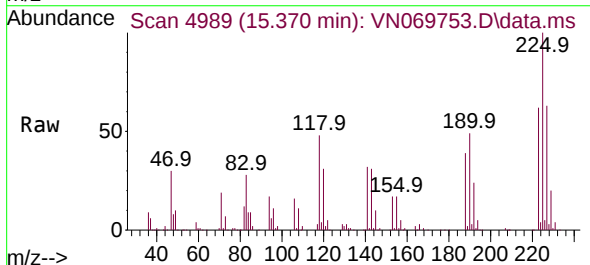
Tgt Ion:180 Resp: 502264
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 31.2 14.5 43.5

Manual Integrations
APPROVED

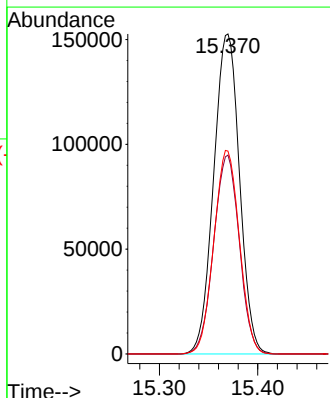
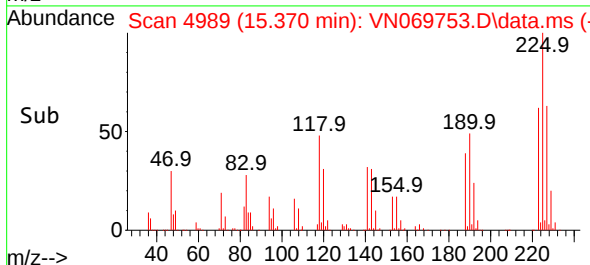
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

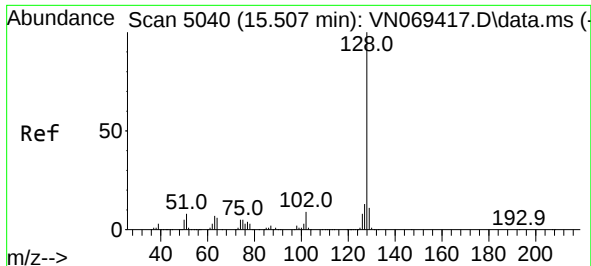


#94
Hexachlorobutadiene
Concen: 43.883 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55



Tgt Ion:225 Resp: 279413
Ion Ratio Lower Upper
225 100
223 61.4 31.9 95.7
227 62.8 32.1 96.3





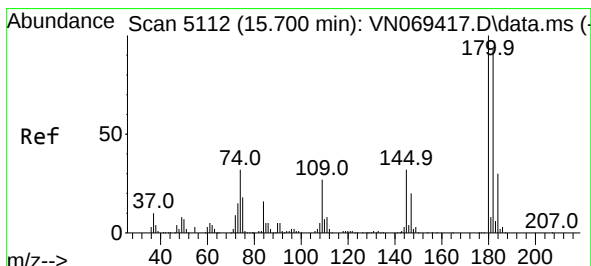
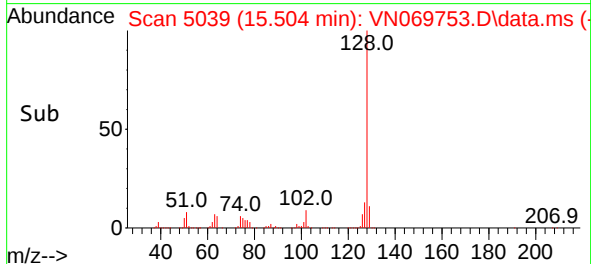
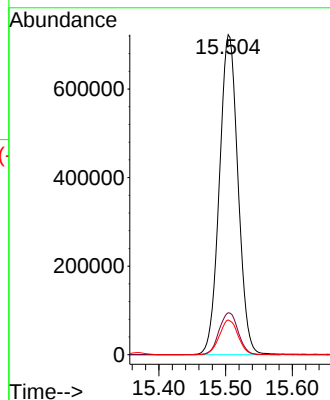
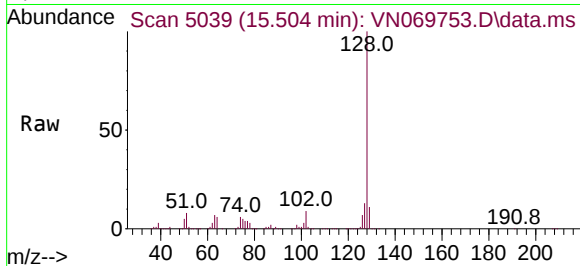
#95
Naphthalene
Concen: 40.664 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20211130MSD

Tgt Ion:128 Resp: 139888
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 43.216 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069753.D
Acq: 4 Dec 2021 6:55

Tgt Ion:180 Resp: 492299
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 32.6 15.0 45.1

