

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069933.D
 Acq On : 10 Dec 2021 1:15
 Operator : JC/MD
 Sample : VN1209WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 06:27:06 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

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	948390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1576856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1439207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	568606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	774667	52.903	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.800%			
35) Dibromofluoromethane	8.024	113	540675	54.740	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.480%			
50) Toluene-d8	10.440	98	2065470	52.080	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.731	95	698760	48.633	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	222081	20.077	ug/l	95
3) Chloromethane	2.303	50	267778	19.323	ug/l	100
4) Vinyl Chloride	2.448	62	257253	20.189	ug/l	99
5) Bromomethane	2.858	94	140635	20.315	ug/l	99
6) Chloroethane	3.025	64	153163	19.615	ug/l	98
7) Trichlorofluoromethane	3.379	101	345890	20.682	ug/l	99
8) Diethyl Ether	3.827	74	135122	20.978	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	196273	20.936	ug/l	95
10) Methyl Iodide	4.422	142	240573	18.785	ug/l	97
11) Tert butyl alcohol	5.377	59	242094	87.464	ug/l	97
12) 1,1-Dichloroethene	4.183	96	184228	20.393	ug/l	85
13) Acrolein	4.044	56	243496	103.302	ug/l	100
14) Allyl chloride	4.843	41	435137	21.376	ug/l #	91
15) Acrylonitrile	5.556	53	721690	96.760	ug/l	99
16) Acetone	4.291	43	678166	76.990	ug/l	96
17) Carbon Disulfide	4.529	76	512390	21.954	ug/l	97
18) Methyl Acetate	4.857	43	514299	19.343	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	730225	20.789	ug/l	98
20) Methylene Chloride	5.101	84	237742	20.303	ug/l #	87
21) trans-1,2-Dichloroethene	5.599	96	199825	20.365	ug/l	86
22) Diisopropyl ether	6.501	45	875990	22.016	ug/l	95
23) Vinyl Acetate	6.436	43	3503767	108.242	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	445666	21.623	ug/l	98
25) 2-Butanone	7.337	43	1043865	87.220	ug/l	91
26) 2,2-Dichloropropane	7.327	77	315676	19.699	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	244353	20.612	ug/l	86
28) Bromochloromethane	7.659	49	217341	20.279	ug/l #	78
29) Tetrahydrofuran	7.686	42	692179	95.244	ug/l	88
30) Chloroform	7.820	83	443243	21.294	ug/l	98
31) Cyclohexane	8.096	56	417620	20.493	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	384965	21.712	ug/l	96
36) 1,1-Dichloropropene	8.222	75	312161	20.795	ug/l	96
37) Ethyl Acetate	7.415	43	431409	19.309	ug/l	94
38) Carbon Tetrachloride	8.206	117	333496	22.656	ug/l	98
39) Methylcyclohexane	9.459	83	350645	19.638	ug/l	89
40) Benzene	8.461	78	960839	20.941	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	229301	21.863	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	385825	20.830	ug/l	97
43) Isopropyl Acetate	8.563	43	673776	20.379	ug/l #	93
44) Trichloroethene	9.217	130	224781	20.525	ug/l	93
45) 1,2-Dichloropropane	9.491	63	266339	21.616	ug/l	99
46) Dibromomethane	9.577	93	169691	20.999	ug/l	92
47) Bromodichloromethane	9.762	83	359238	23.480	ug/l	99
48) Methyl methacrylate	9.561	41	306690	19.877	ug/l	89
49) 1,4-Dioxane	9.569	88	88312	318.983	ug/l #	79
51) 4-Methyl-2-Pentanone	10.330	43	2132924	99.443	ug/l	94
52) Toluene	10.505	92	583779	20.840	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	348920	20.693	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	382046	20.987	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	235428	20.830	ug/l	96
56) Ethyl methacrylate	10.760	69	384346	19.480	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	417190	20.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	413549	84.916	ug/l	90
59) 2-Hexanone	11.084	43	1459454	89.949	ug/l	92
60) Dibromochloromethane	11.237	129	255455	22.468	ug/l	99
61) 1,2-Dibromoethane	11.344	107	238421	20.366	ug/l	99
64) Tetrachloroethene	10.977	164	198396	20.330	ug/l	94
65) Chlorobenzene	11.771	112	608262	20.833	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	236780	23.041	ug/l	99
67) Ethyl Benzene	11.843	91	1111463	20.957	ug/l	97
68) m/p-Xylenes	11.953	106	803625	41.615	ug/l	91
69) o-Xylene	12.280	106	401713	20.652	ug/l	92
70) Styrene	12.294	104	646712	20.967	ug/l	95
71) Bromoform	12.457	173	186075	22.745	ug/l #	99
73) Isopropylbenzene	12.578	105	1036969	20.498	ug/l	99
74) N-amyl acetate	12.387	43	442714	19.788	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	362726	20.734	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	330331m	20.258	ug/l	
77) Bromobenzene	12.860	156	239765	20.177	ug/l	78
78) n-propylbenzene	12.919	91	1166460	20.720	ug/l	96
79) 2-Chlorotoluene	13.007	91	728057	20.467	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	854071	20.975	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	91715	20.974	ug/l	95
82) 4-Chlorotoluene	13.104	91	680628	20.346	ug/l	93
83) tert-Butylbenzene	13.323	119	729864	20.243	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	813447	20.976	ug/l	98
85) sec-Butylbenzene	13.501	105	995800	20.362	ug/l	97
86) p-Isopropyltoluene	13.616	119	773948	20.246	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	393726	20.169	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	380855	19.852	ug/l	97
89) n-Butylbenzene	13.943	91	598863	19.312	ug/l	98
90) Hexachloroethane	14.209	117	163938	24.426	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	387266	20.360	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	65428	20.697	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	164366	19.483	ug/l	99
94) Hexachlorobutadiene	15.370	225	103993	20.630	ug/l	98
95) Naphthalene	15.507	128	438599	18.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	162322	19.419	ug/l	99

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ClientSampleId :
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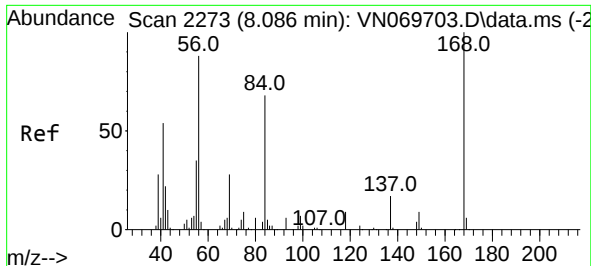
Manual Integrations
APPROVED

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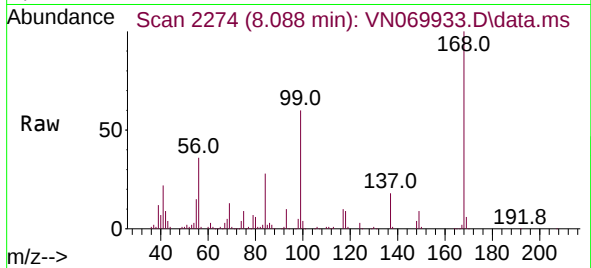
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
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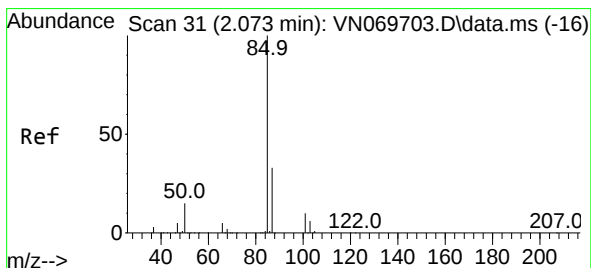
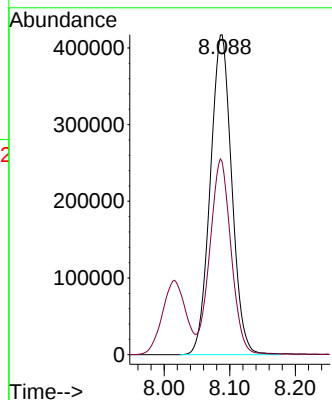
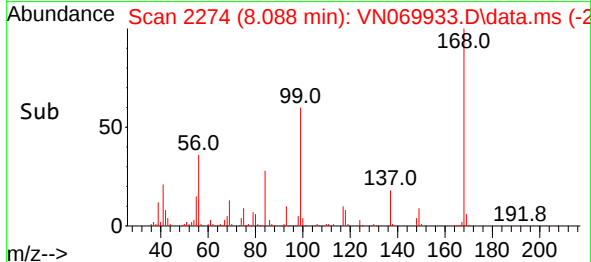
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Tgt Ion:168 Resp: 948390
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

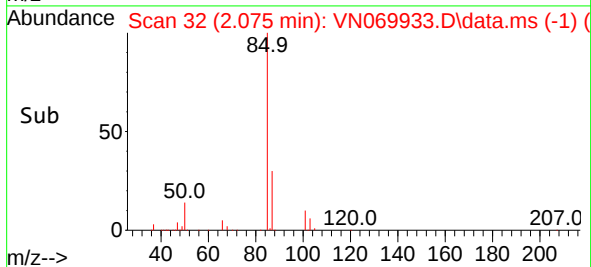
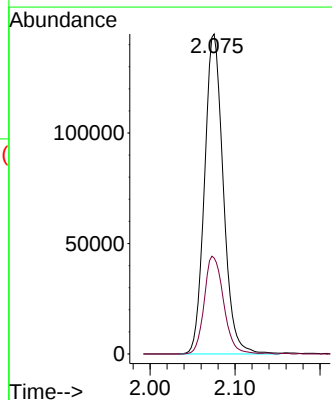
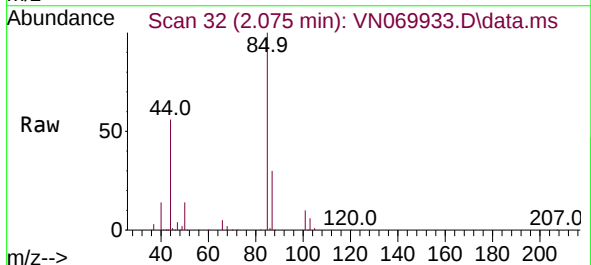
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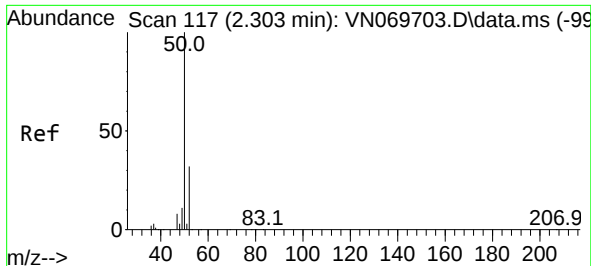
Reviewed By :John Carlone 12/10/2021
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#2
Dichlorodifluoromethane
Concen: 20.077 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

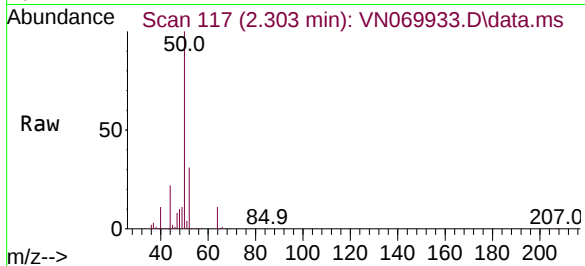
Tgt Ion: 85 Resp: 222081
Ion Ratio Lower Upper
85 100
87 30.0 16.3 48.9





#3
Chloromethane
Concen: 19.323 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

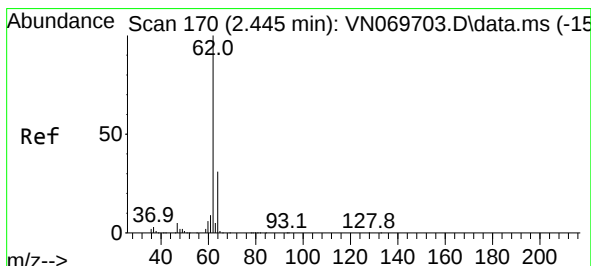
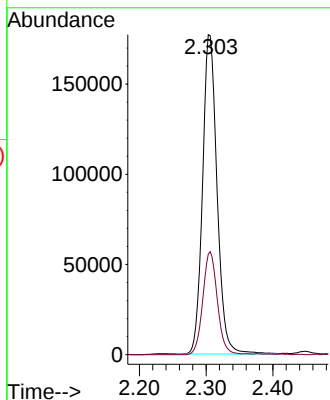
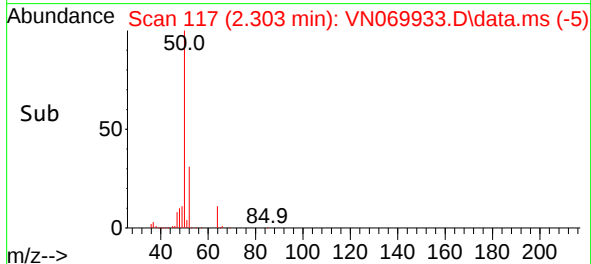
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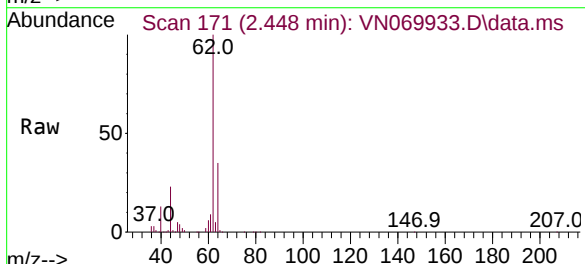
Tgt Ion: 50 Resp: 267778
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

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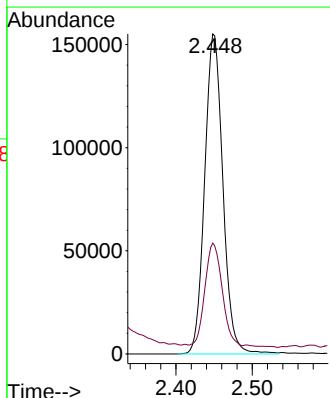
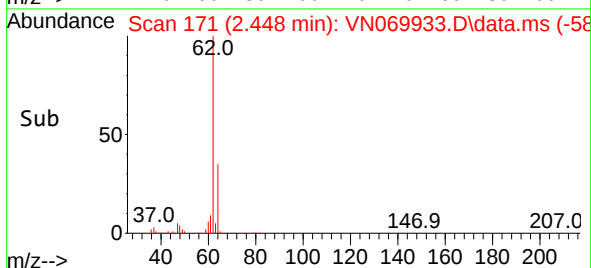
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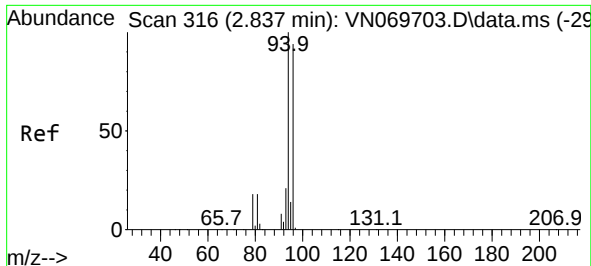


#4
Vinyl Chloride
Concen: 20.189 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



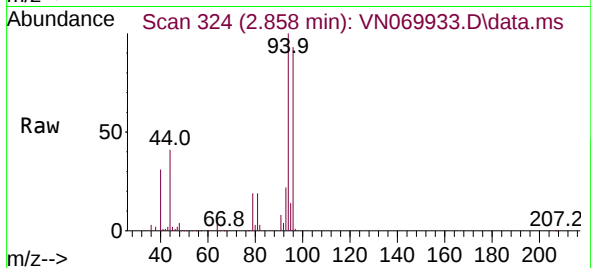
Tgt Ion: 62 Resp: 257253
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6





#5
Bromomethane
Concen: 20.315 ug/l
RT: 2.858 min Scan# 316
Delta R.T. 0.022 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

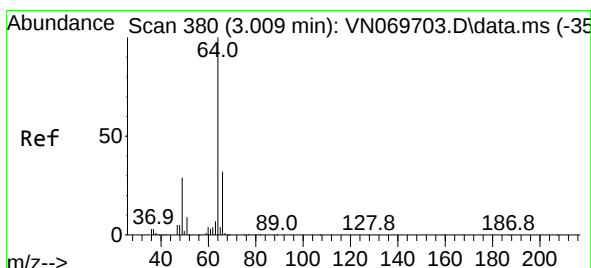
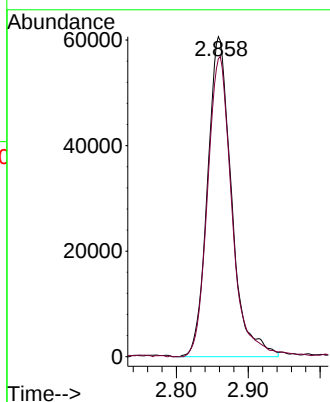
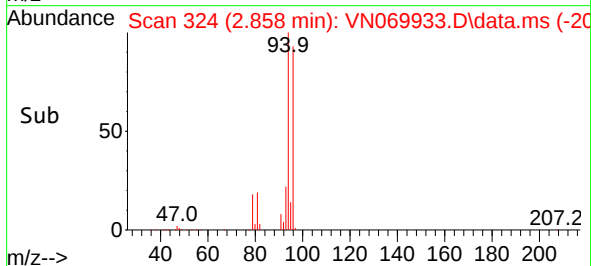
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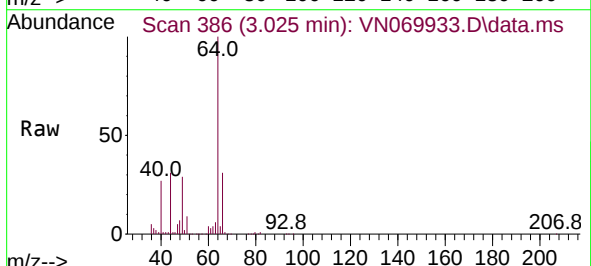
Tgt Ion: 94 Resp: 14063
Ion Ratio Lower Upper
94 100
96 93.1 73.8 110.8

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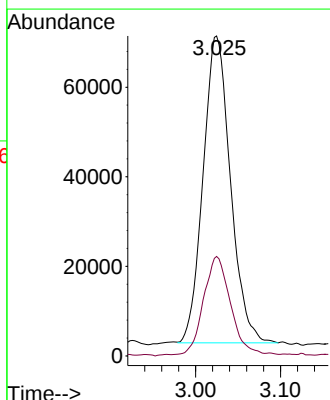
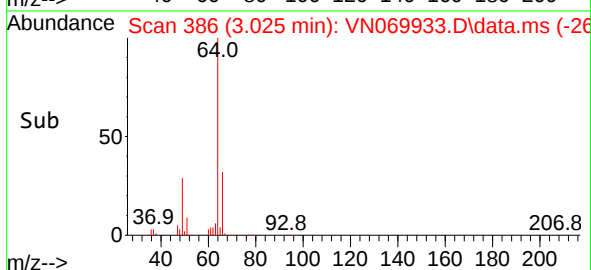
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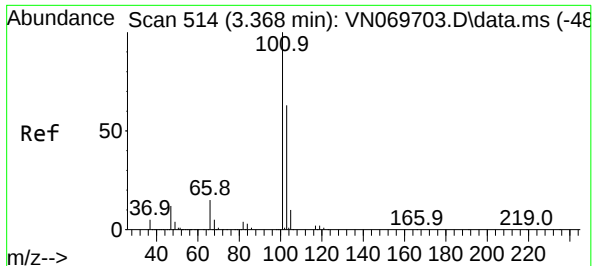


#6
Chloroethane
Concen: 19.615 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.016 min
Lab File: VN069933.D
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Tgt Ion: 64 Resp: 153163
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





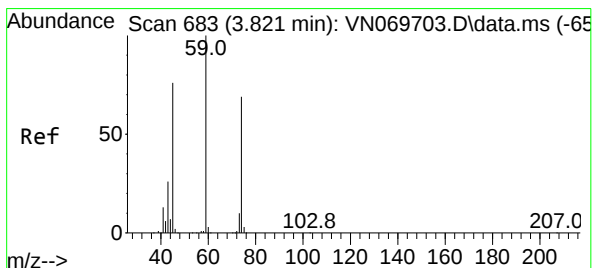
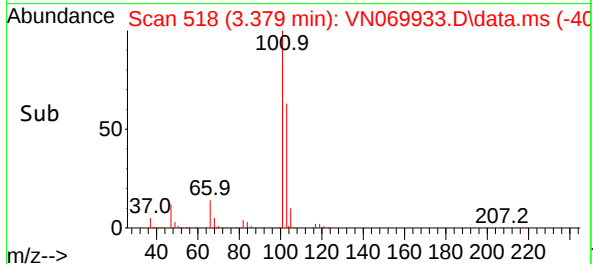
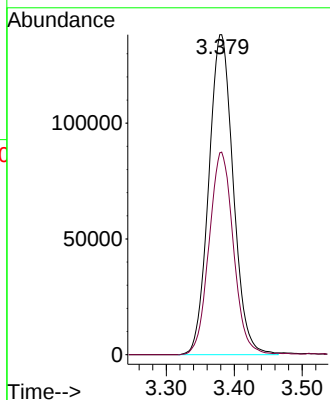
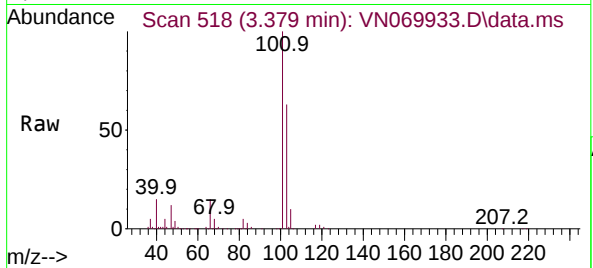
#7
Trichlorofluoromethane
Concen: 20.682 ug/l
RT: 3.379 min Scan# 514
Delta R.T. 0.011 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

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Tgt Ion:101 Resp: 345890
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

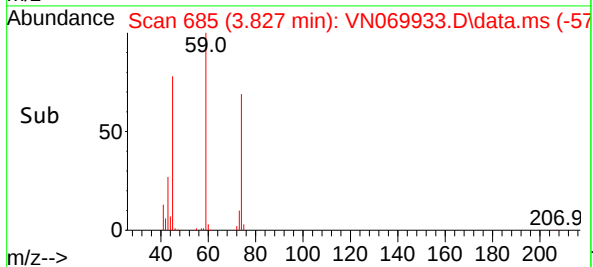
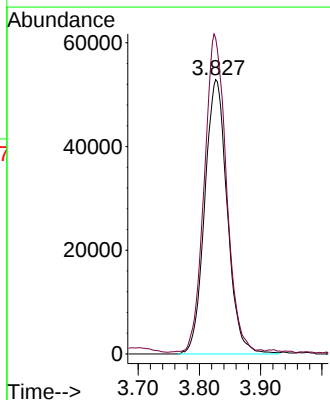
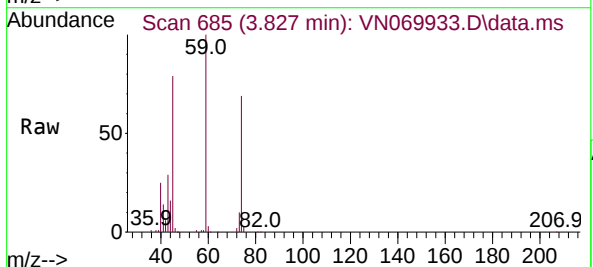
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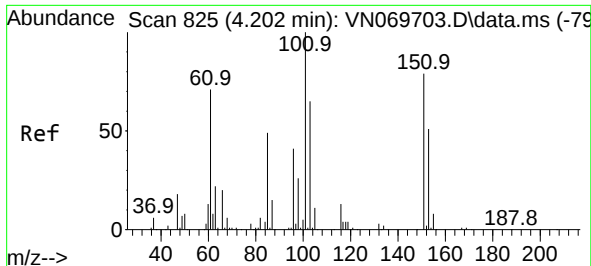
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#8
Diethyl Ether
Concen: 20.978 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.005 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion: 74 Resp: 135122
Ion Ratio Lower Upper
74 100
45 113.4 47.0 141.2





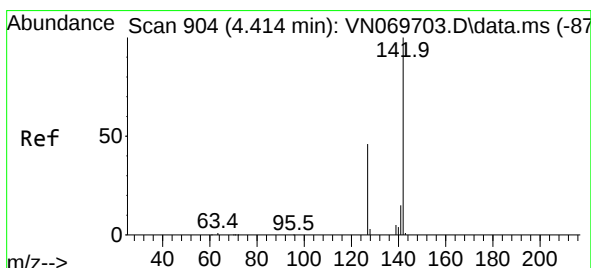
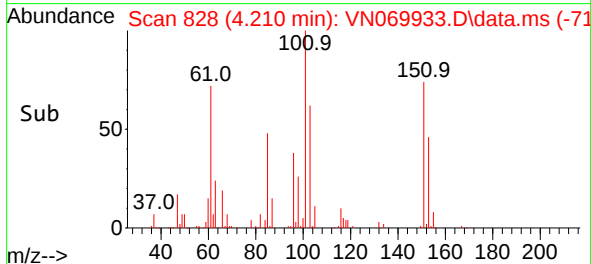
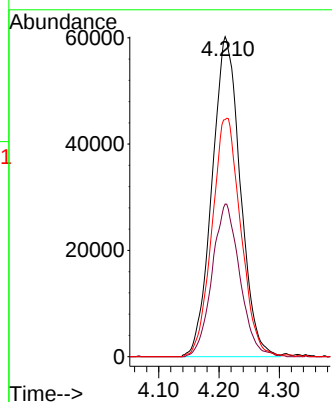
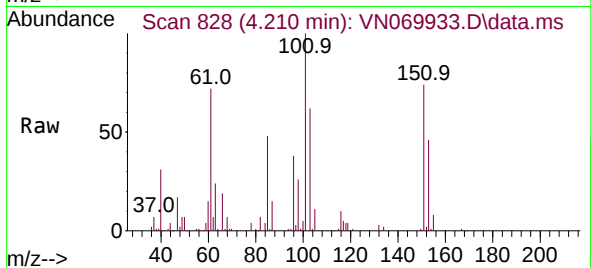
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.936 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion:101 Resp: 19627
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 75.8 65.9 98.9

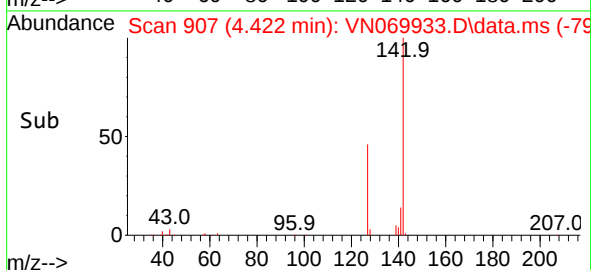
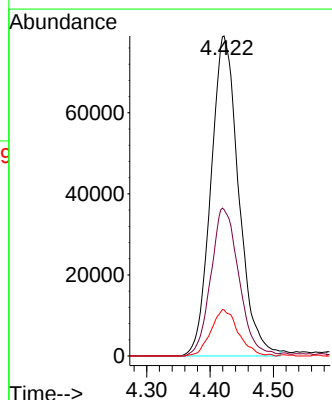
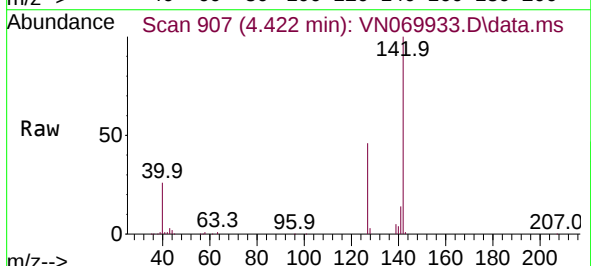
Manual Integrations
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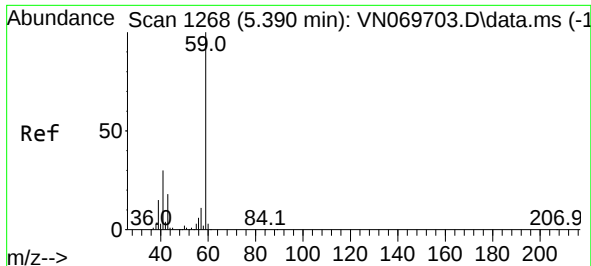
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 18.785 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

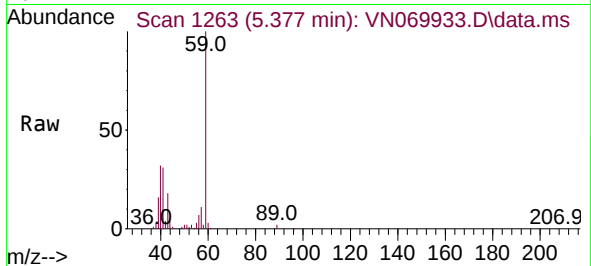
Tgt Ion:142 Resp: 240573
Ion Ratio Lower Upper
142 100
127 46.6 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 87.464 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

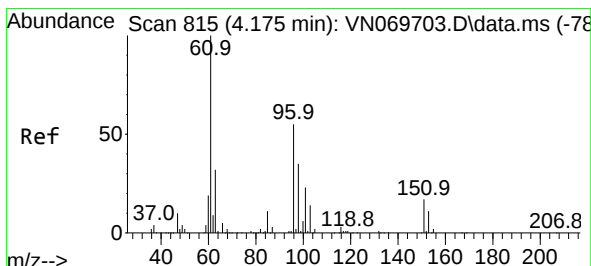
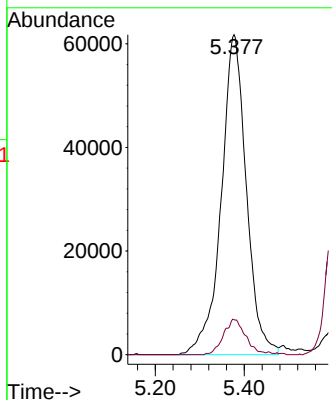
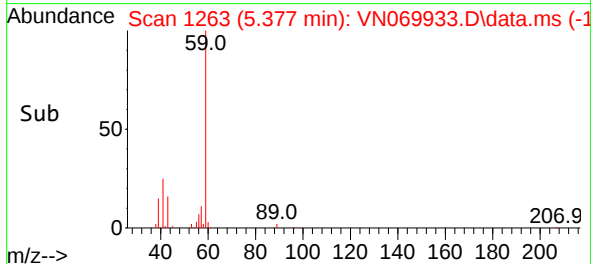
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



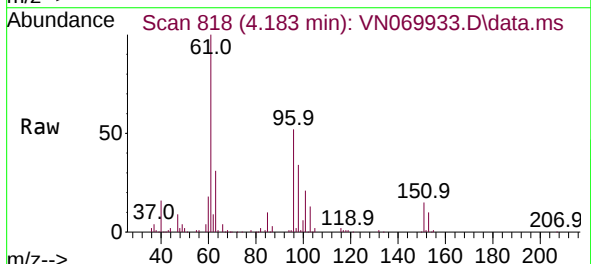
Tgt Ion: 59 Resp: 242094
Ion Ratio Lower Upper
59 100
57 9.7 8.7 13.1

Manual Integrations
APPROVED

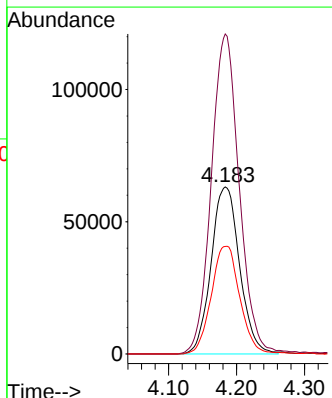
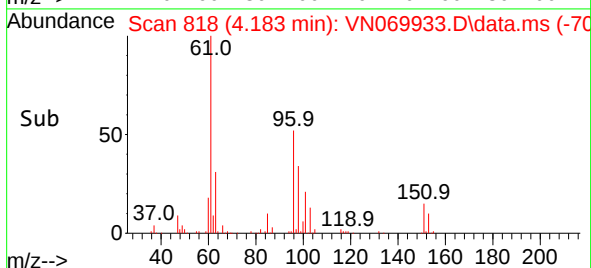
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

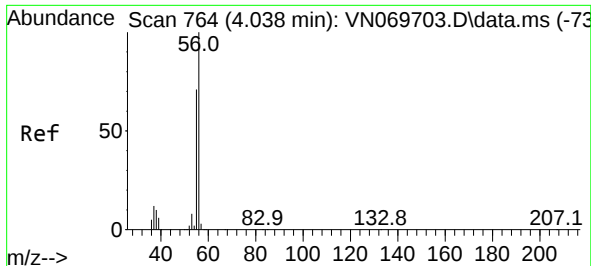


#12
1,1-Dichloroethene
Concen: 20.393 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



Tgt Ion: 96 Resp: 184228
Ion Ratio Lower Upper
96 100
61 191.6 131.0 196.6
98 64.4 52.4 78.6





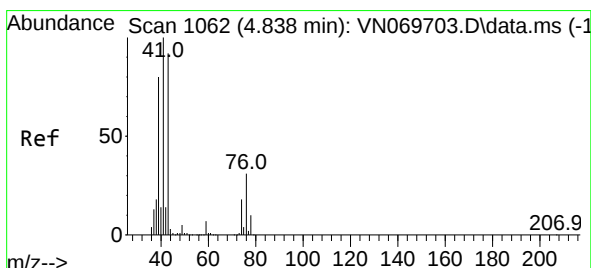
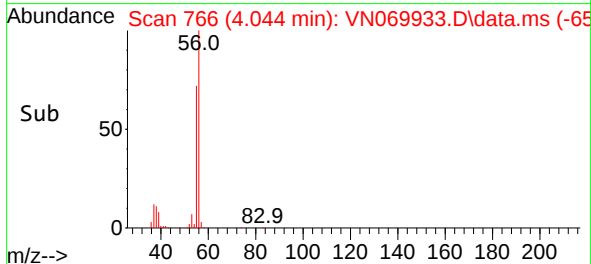
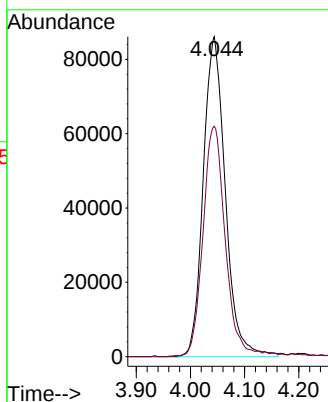
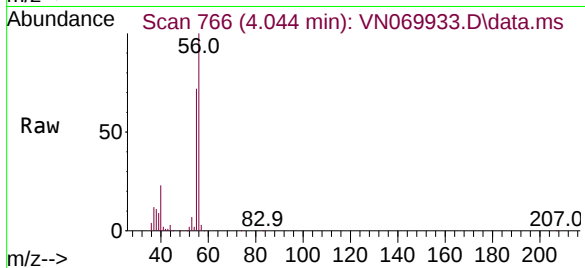
#13
Acrolein
Concen: 103.302 ug/l
RT: 4.044 min Scan# 764
Delta R.T. 0.005 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion: 56 Resp: 243490
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

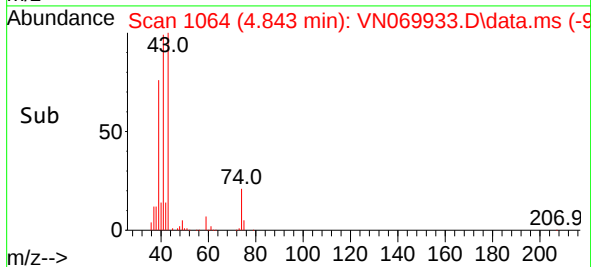
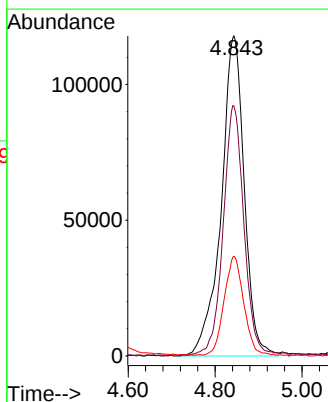
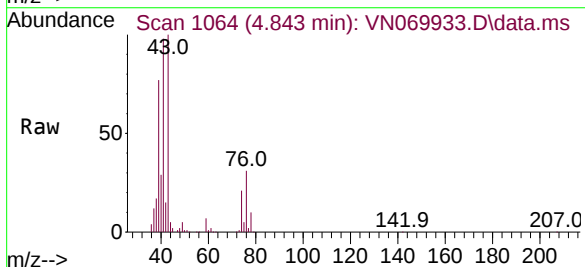
Manual Integrations
APPROVED

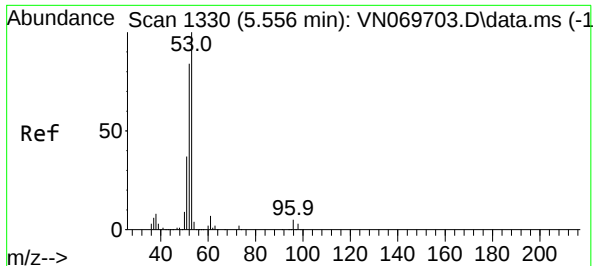
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#14
Allyl chloride
Concen: 21.376 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion: 41 Resp: 435137
Ion Ratio Lower Upper
41 100
39 69.8 61.2 91.8
76 26.0 26.0 39.0#





#15

Acrylonitrile

Concen: 96.760 ug/l

RT: 5.556 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

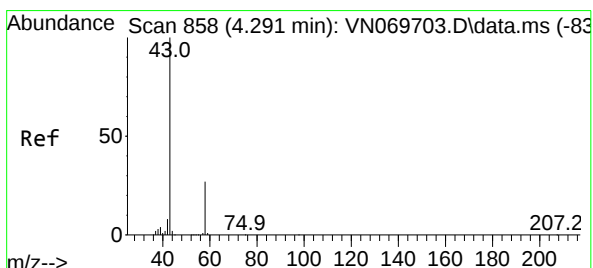
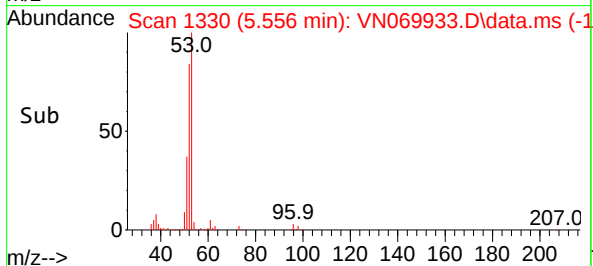
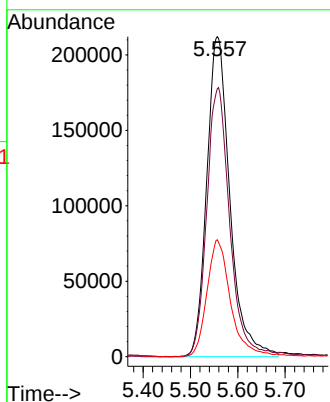
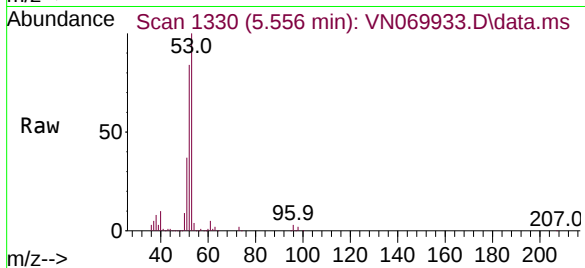
Tgt Ion: 53	Resp: 721690
Ion Ratio	Lower Upper
53 100	
52 83.4	66.2 99.2
51 37.1	29.6 44.4

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#16

Acetone

Concen: 76.990 ug/l

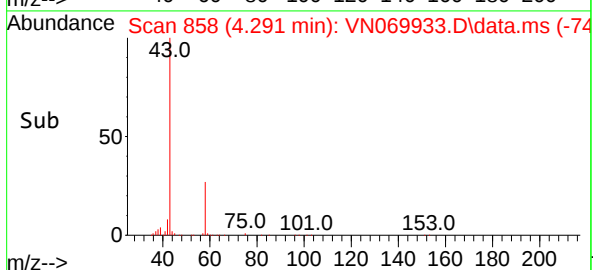
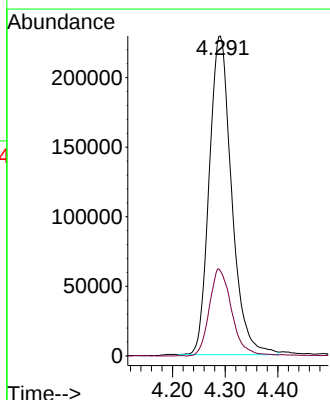
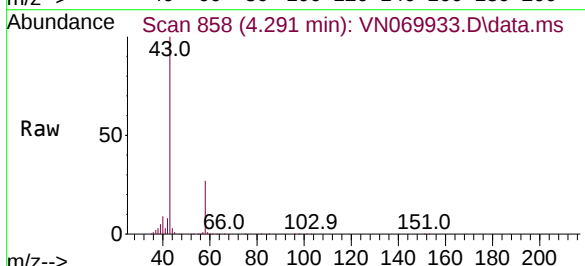
RT: 4.291 min Scan# 858

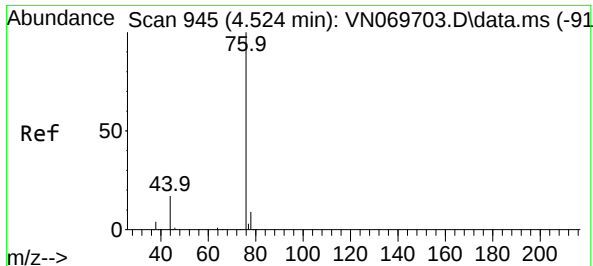
Delta R.T. 0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

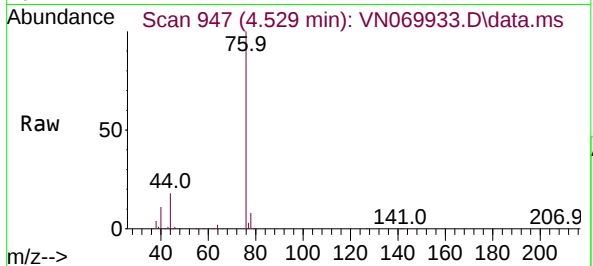
Tgt Ion: 43	Resp: 678166
Ion Ratio	Lower Upper
43 100	
58 26.6	23.1 34.7





#17
Carbon Disulfide
Concen: 21.954 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

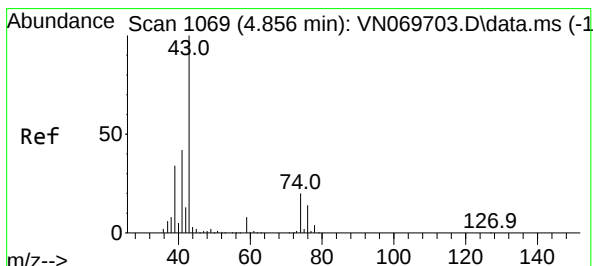
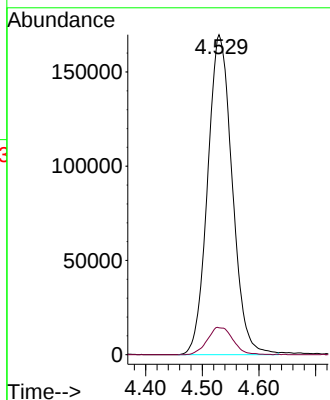
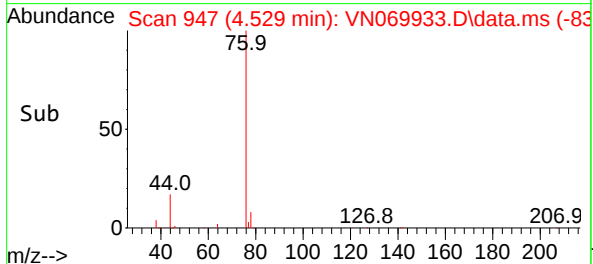
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 76 Resp: 512390
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

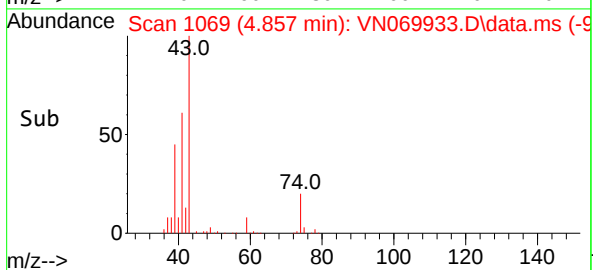
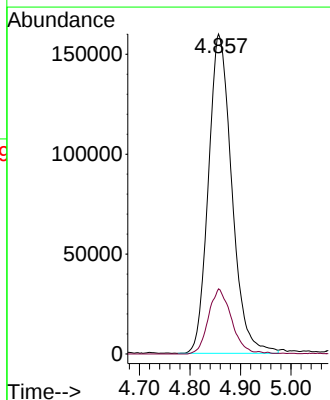
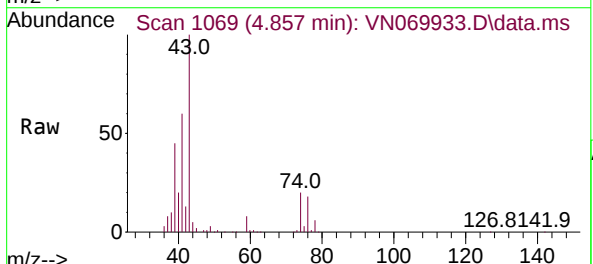
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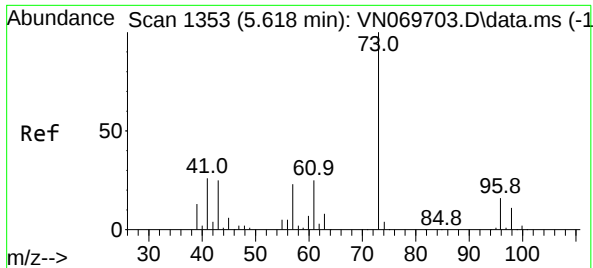
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 19.343 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion: 43 Resp: 514299
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.789 ug/l

RT: 5.618 min Scan# 1160

Delta R.T. 0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 73 Resp: 730225

Ion Ratio Lower Upper

73 100

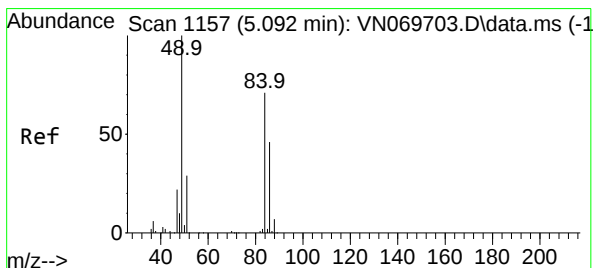
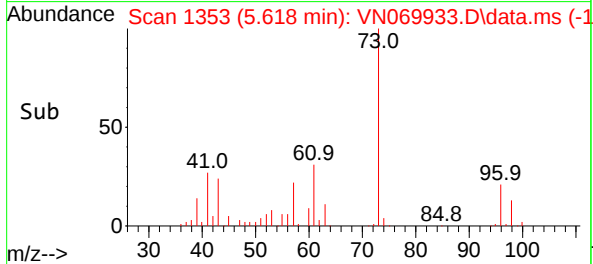
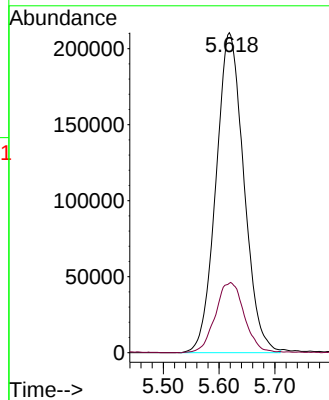
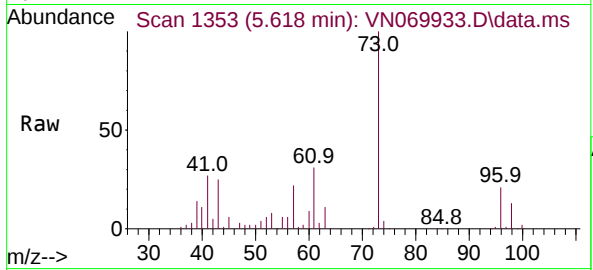
57 21.7 16.8 25.2

Manual Integrations

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Supervised By :Mahesh Dadoda 12/15/2021



#20

Methylene Chloride

Concen: 20.303 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.008 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Tgt Ion: 84 Resp: 237742

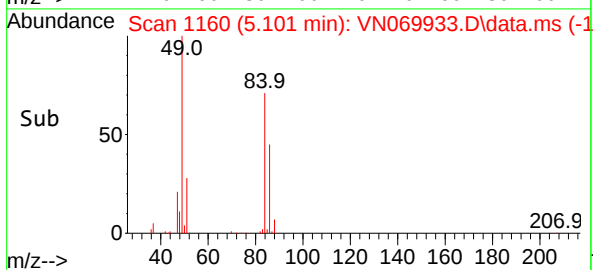
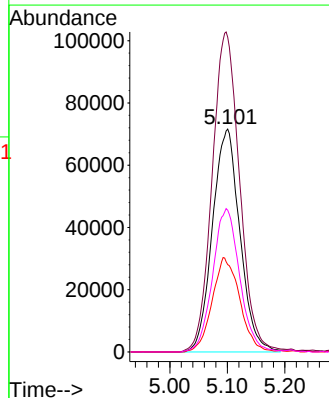
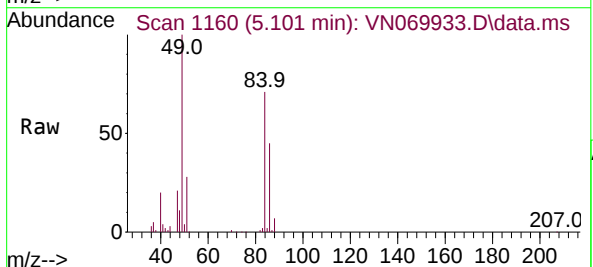
Ion Ratio Lower Upper

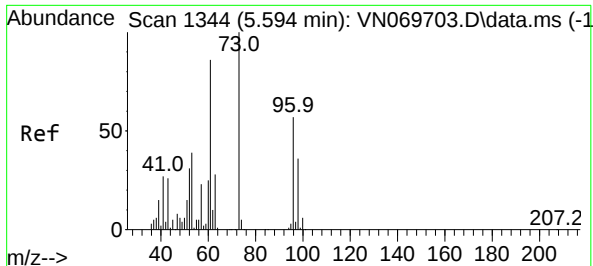
84 100

49 141.1 93.5 140.3#

51 39.2 29.4 44.2

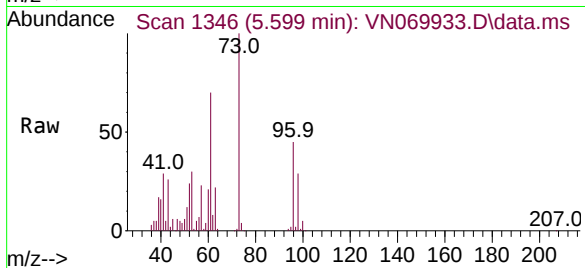
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.365 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

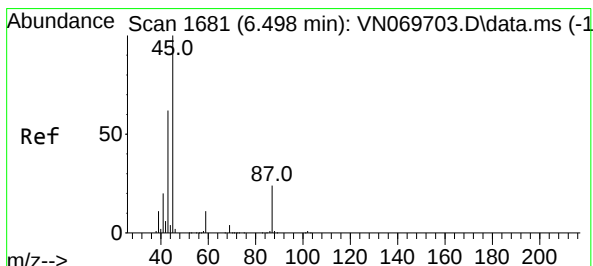
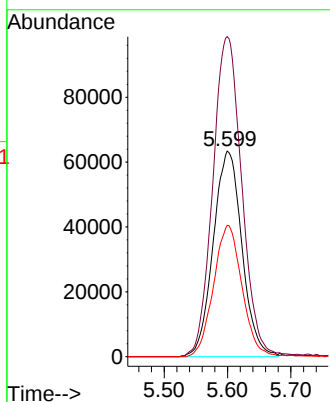
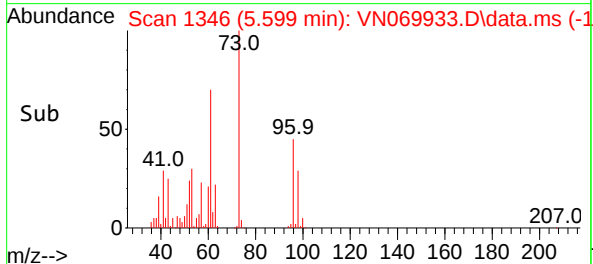
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



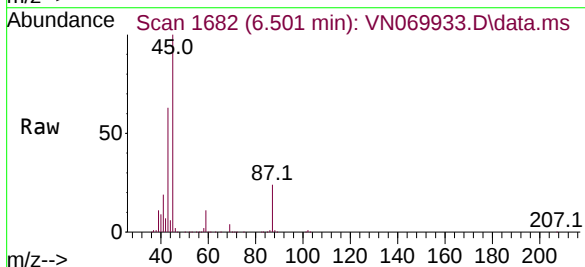
Tgt Ion: 96 Resp: 199825
Ion Ratio Lower Upper
96 100
61 155.6 105.8 158.6
98 63.9 52.0 78.0

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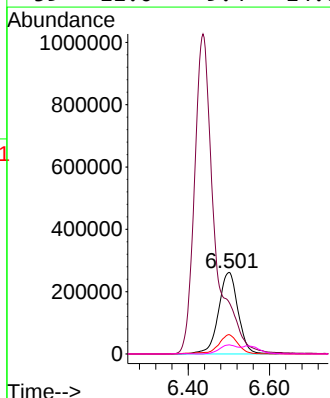
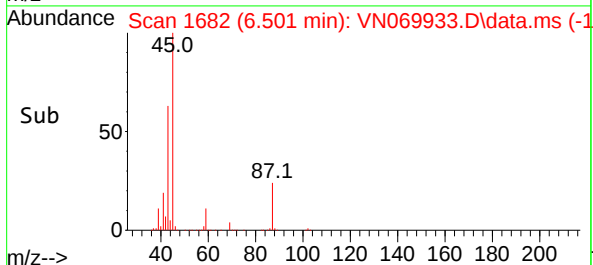
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

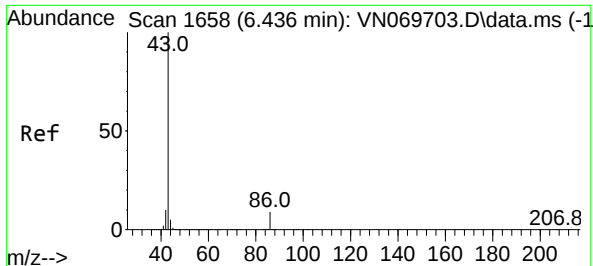


#22
Diisopropyl ether
Concen: 22.016 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



Tgt Ion: 45 Resp: 875990
Ion Ratio Lower Upper
45 100
43 61.8 51.7 77.5
87 23.5 23.2 34.8
59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 108.242 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 43 Resp: 350376

Ion Ratio Lower Upper

43 100

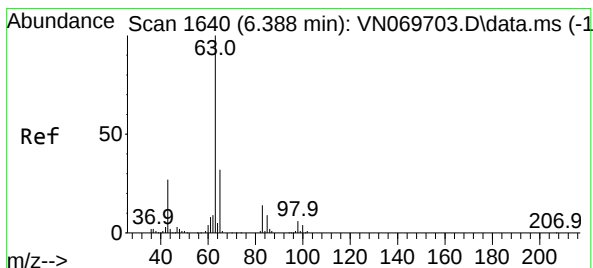
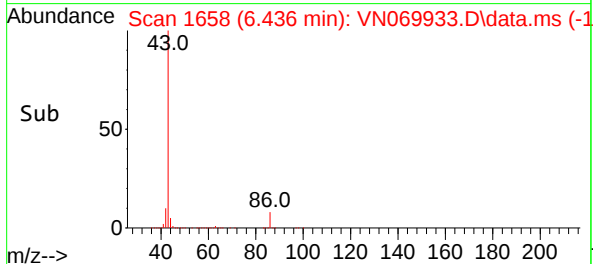
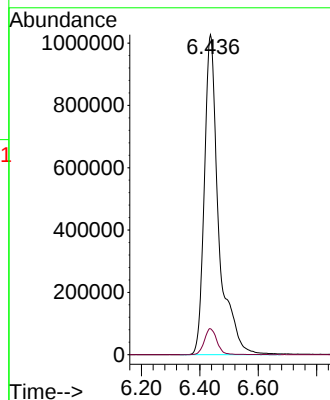
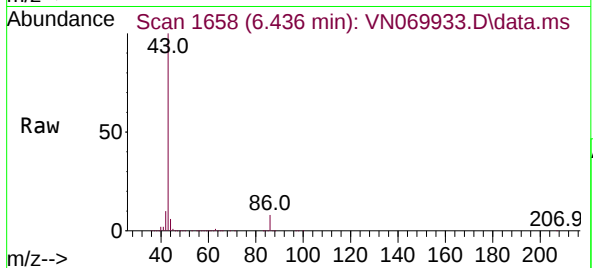
86 8.1 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#24

1,1-Dichloroethane

Concen: 21.623 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

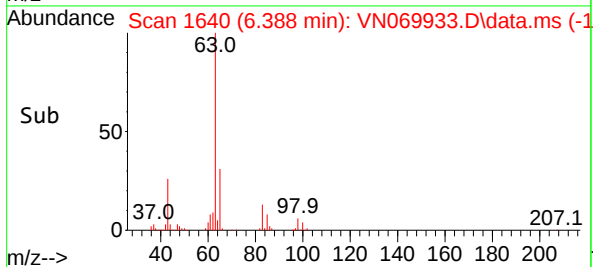
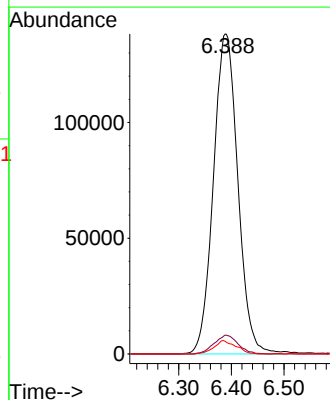
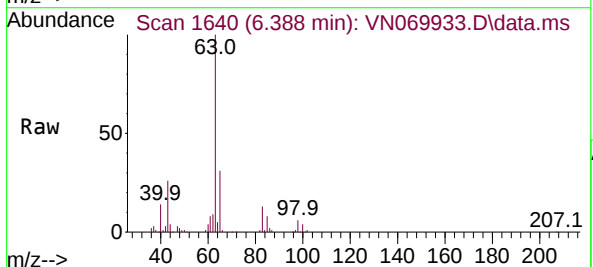
Tgt Ion: 63 Resp: 445666

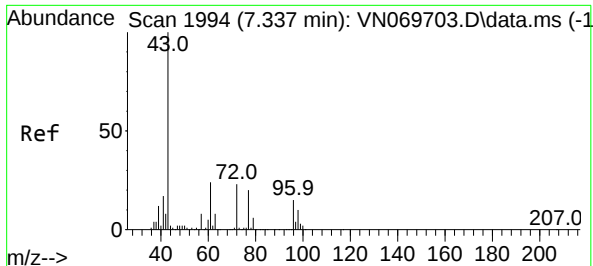
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 87.220 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 43 Resp: 104386

Ion Ratio Lower Upper

43 100

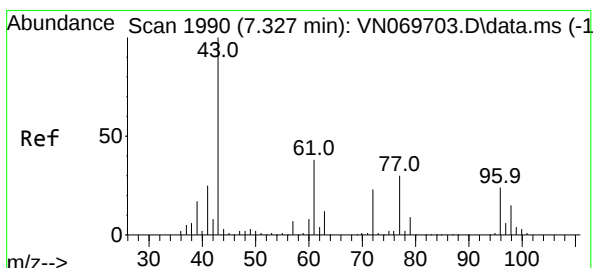
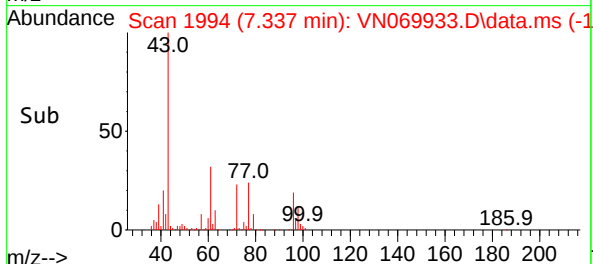
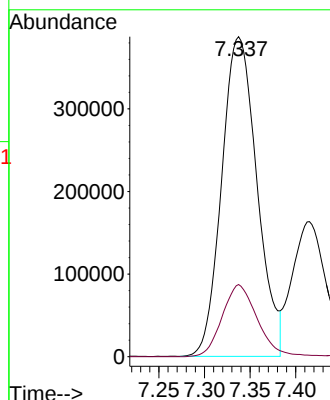
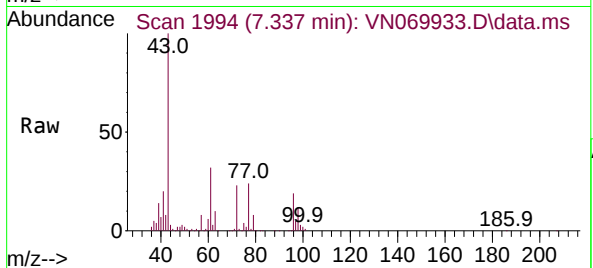
72 22.6 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#26

2,2-Dichloropropane

Concen: 19.699 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069933.D

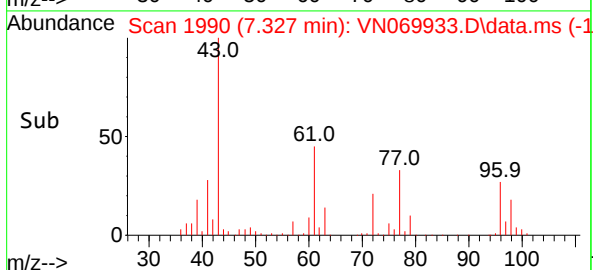
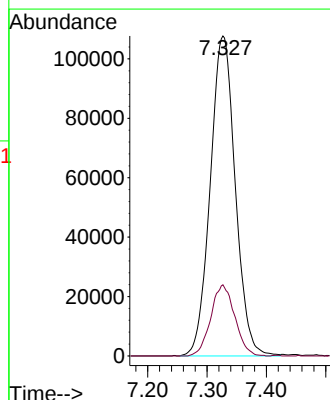
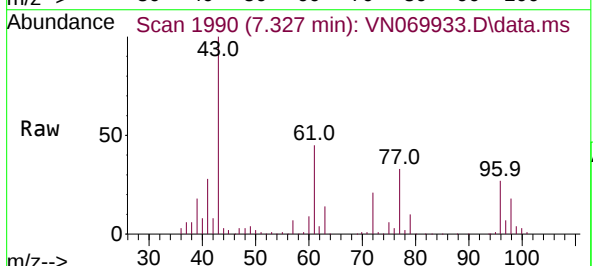
Acq: 10 Dec 2021 1:15

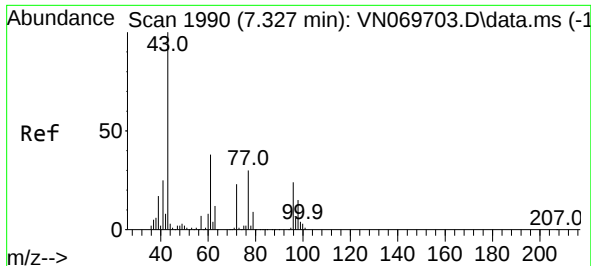
Tgt Ion: 77 Resp: 315676

Ion Ratio Lower Upper

77 100

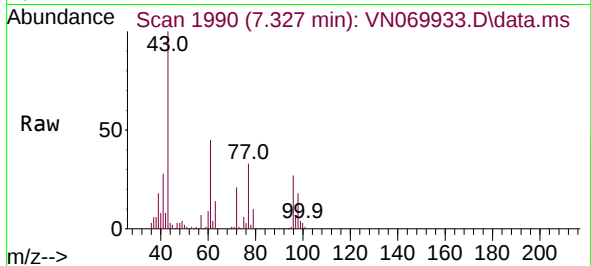
97 21.3 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.612 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069933.D
 Acq: 10 Dec 2021 1:15

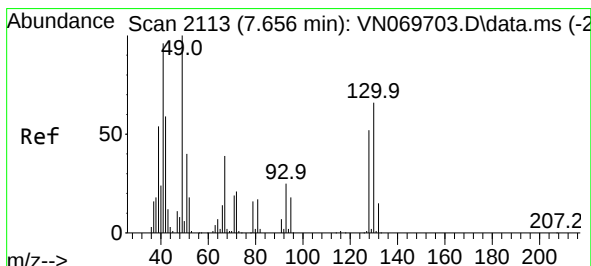
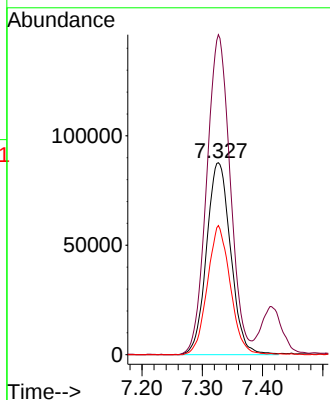
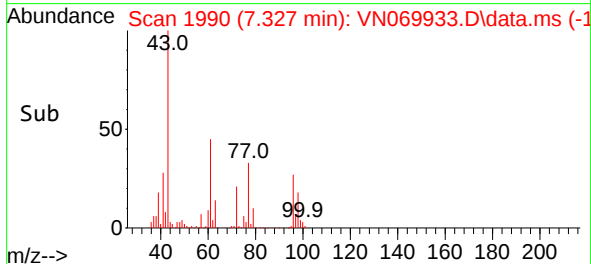
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD02



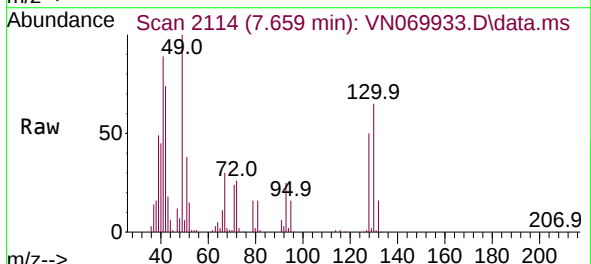
Tgt Ion: 96 Resp: 24435
 Ion Ratio Lower Upper
 96 100
 61 162.4 0.0 275.0
 98 63.8 0.0 129.6

Manual Integrations
 APPROVED

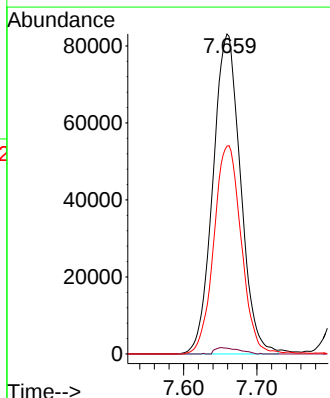
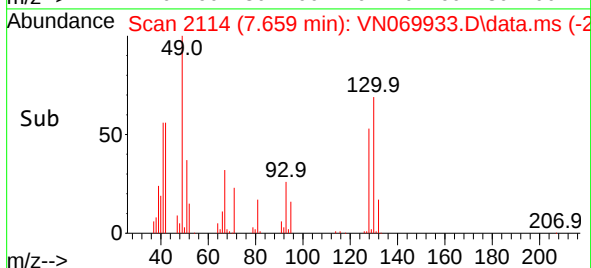
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

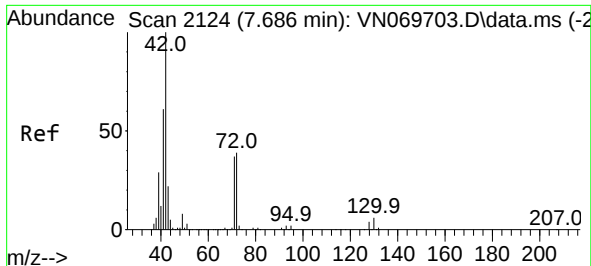


#28
 Bromochloromethane
 Concen: 20.279 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN069933.D
 Acq: 10 Dec 2021 1:15



Tgt Ion: 49 Resp: 217341
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 64.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 95.244 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 42 Resp: 692179

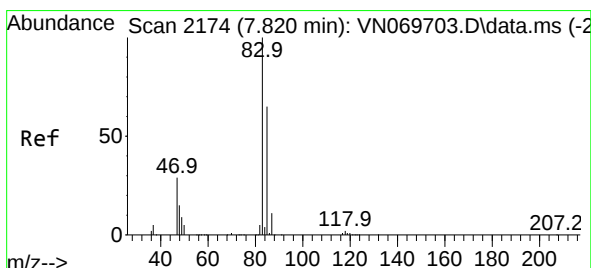
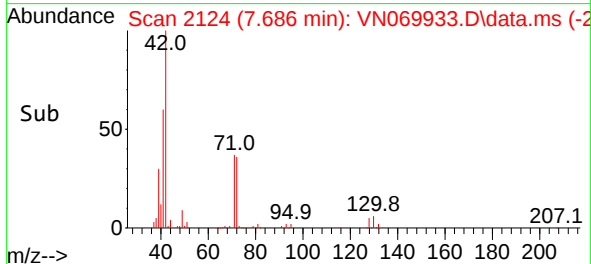
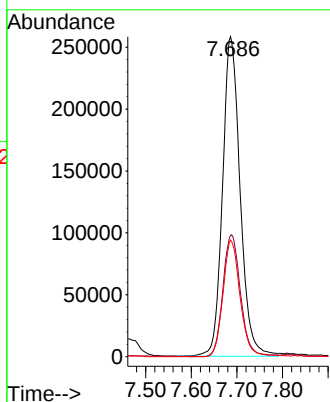
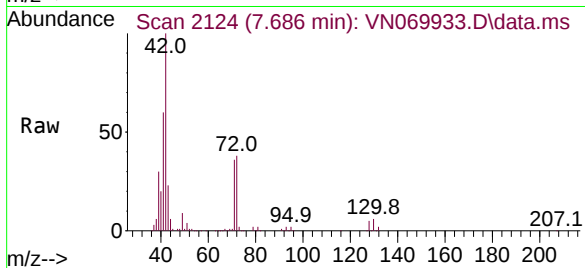
Ion	Ratio	Lower	Upper
42	100		
72	38.0	36.3	54.5
71	35.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 21.294 ug/l

RT: 7.820 min Scan# 2174

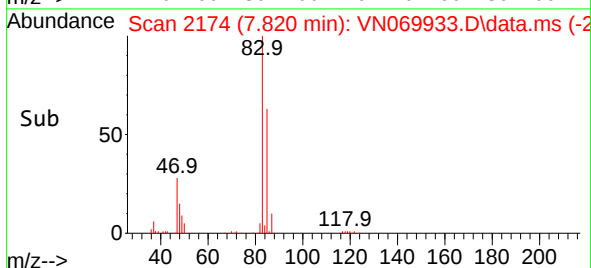
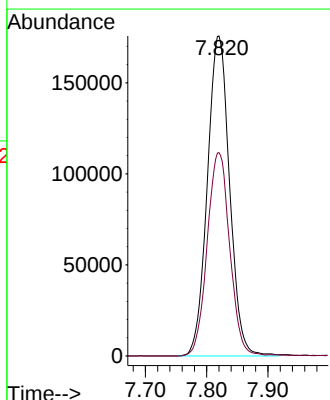
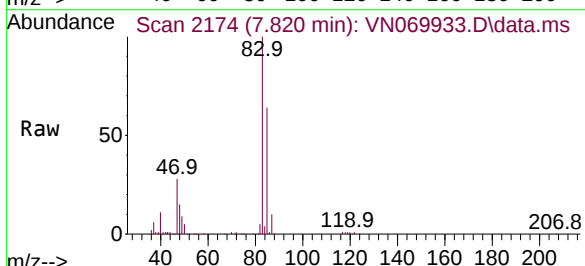
Delta R.T. 0.000 min

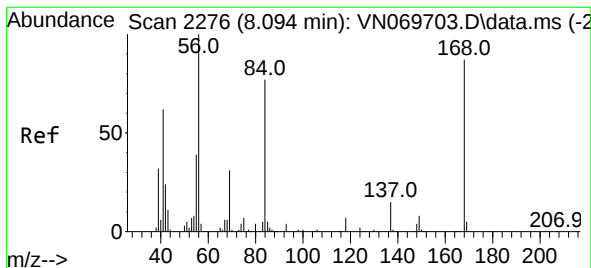
Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Tgt Ion: 83 Resp: 443243

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.9	77.9





#31

Cyclohexane

Concen: 20.493 ug/l

RT: 8.096 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 56 Resp: 417620

Ion Ratio Lower Upper

56 100

69 33.2 27.1 40.7

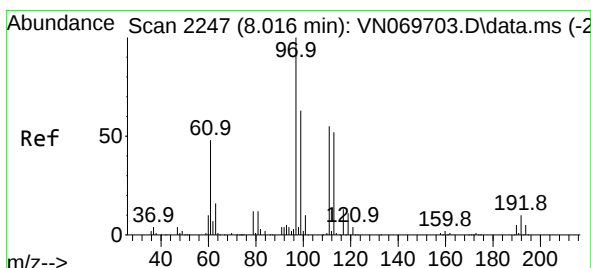
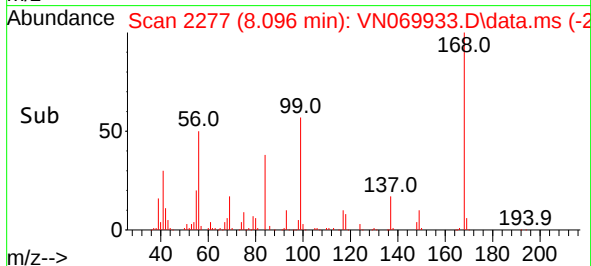
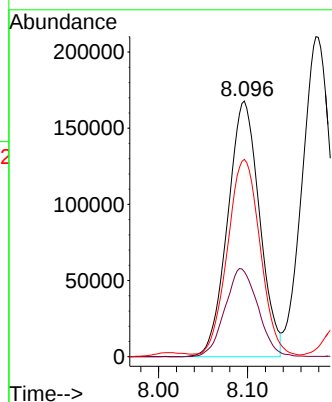
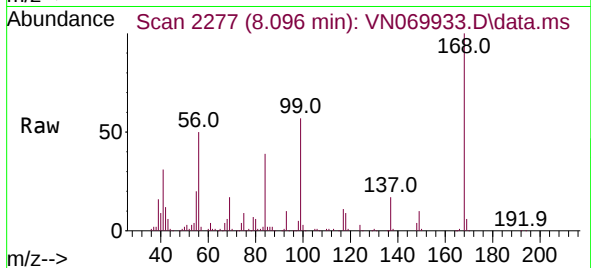
84 75.8 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#32

1,1,1-Trichloroethane

Concen: 21.712 ug/l

RT: 8.016 min Scan# 2247

Delta R.T. 0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

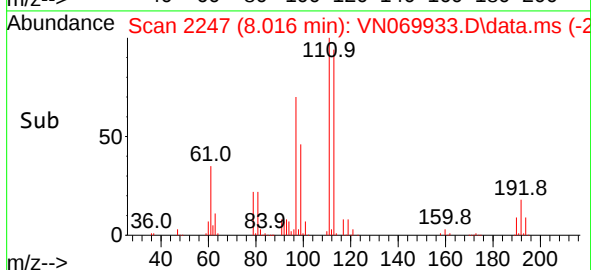
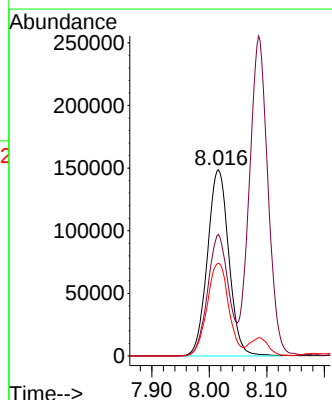
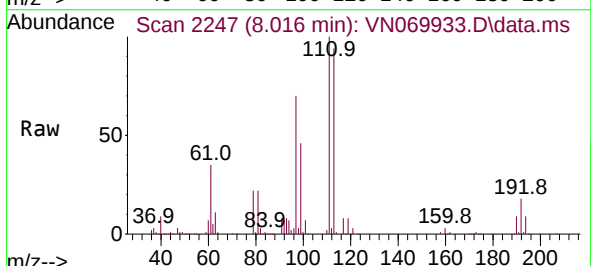
Tgt Ion: 97 Resp: 384965

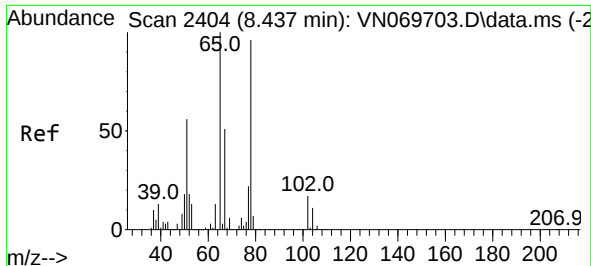
Ion Ratio Lower Upper

97 100

99 63.1 50.1 75.1

61 50.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.903 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 65 Resp: 77466

Ion Ratio Lower Upper

65 100

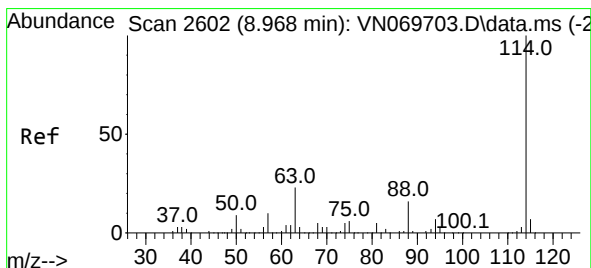
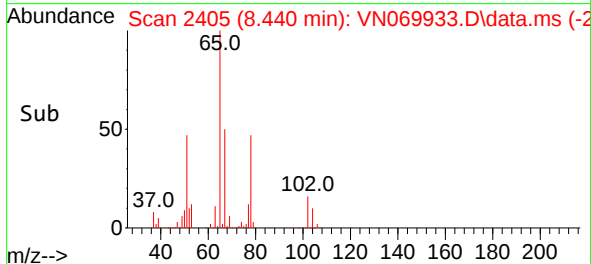
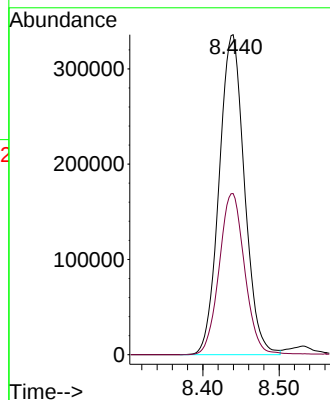
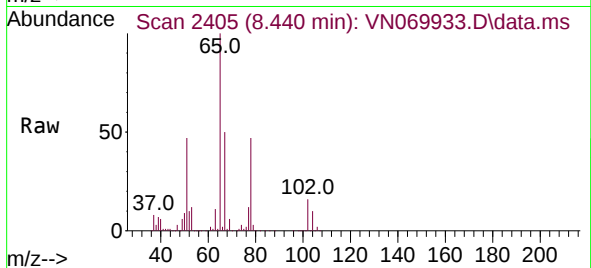
67 50.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

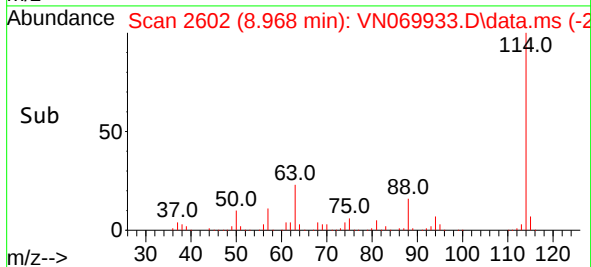
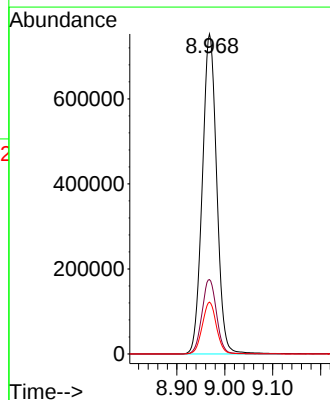
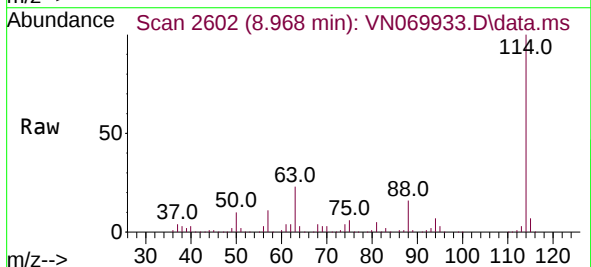
Tgt Ion:114 Resp: 1576856

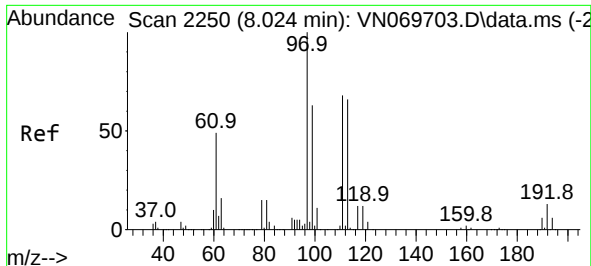
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

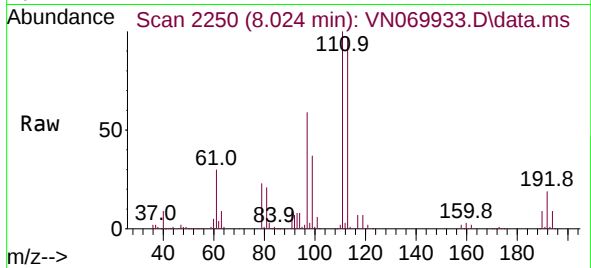
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.740 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

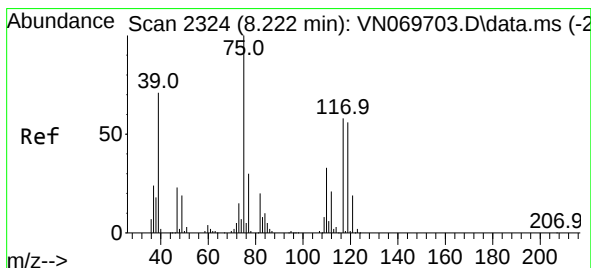
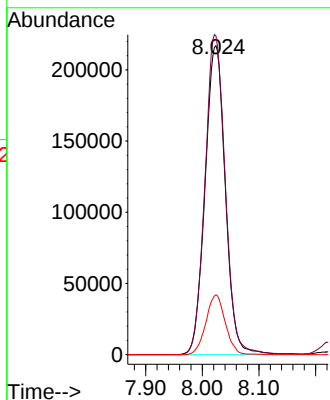
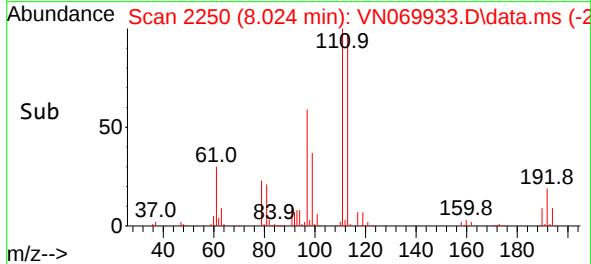
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 113 Resp: 54067
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.5 16.9 25.3

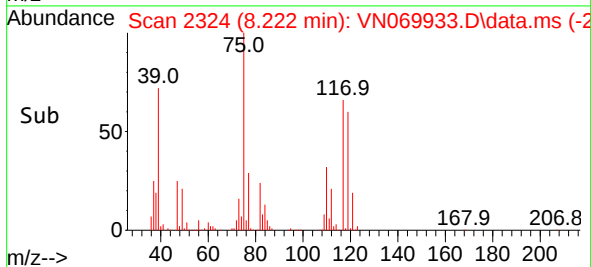
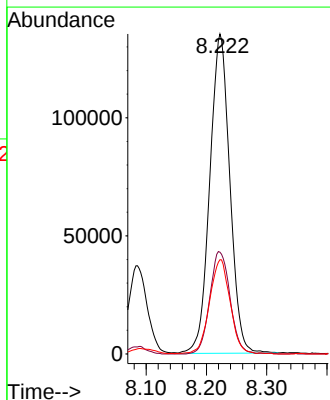
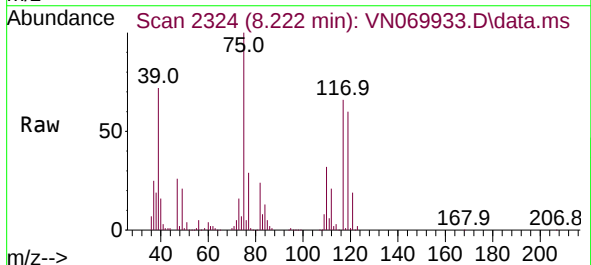
Manual Integrations
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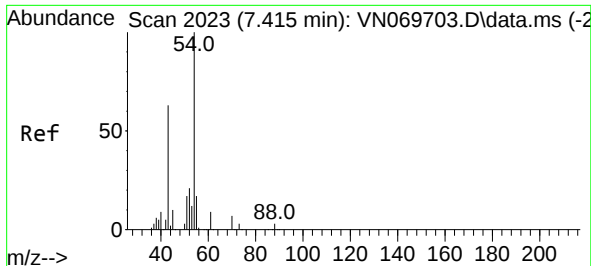
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 20.795 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion: 75 Resp: 312161
Ion Ratio Lower Upper
75 100
110 32.4 18.4 55.2
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 19.309 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 43 Resp: 431409

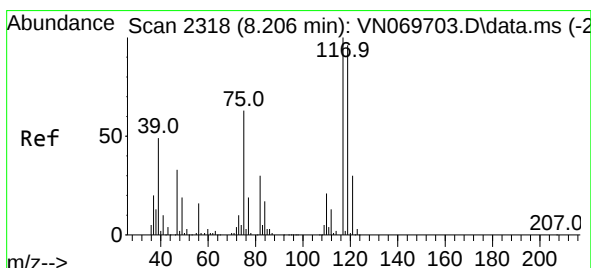
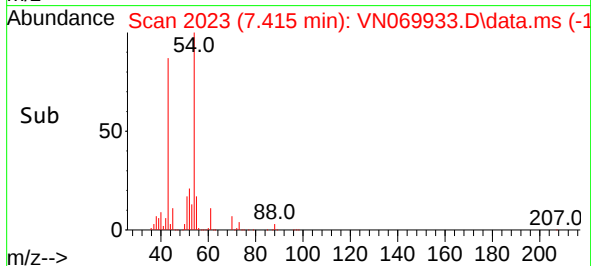
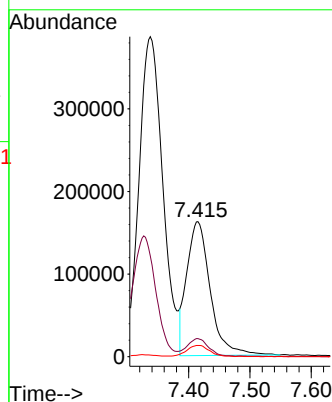
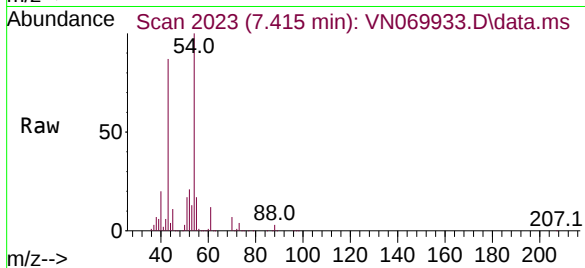
Ion	Ratio	Lower	Upper
43	100		
61	12.0	11.5	17.3
70	7.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#38

Carbon Tetrachloride

Concen: 22.656 ug/l

RT: 8.206 min Scan# 2318

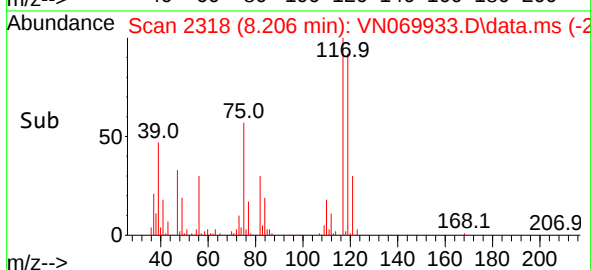
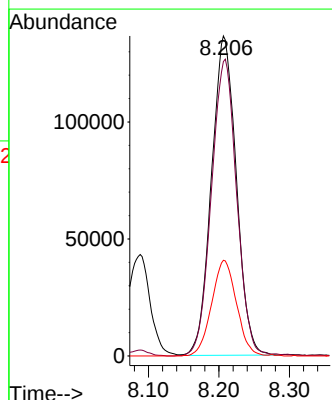
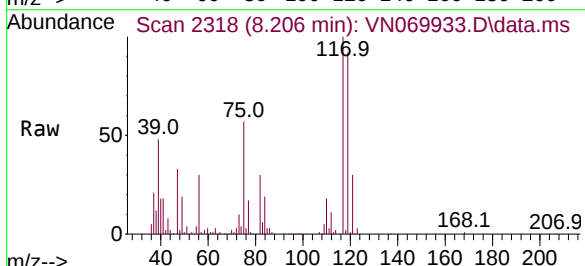
Delta R.T. 0.000 min

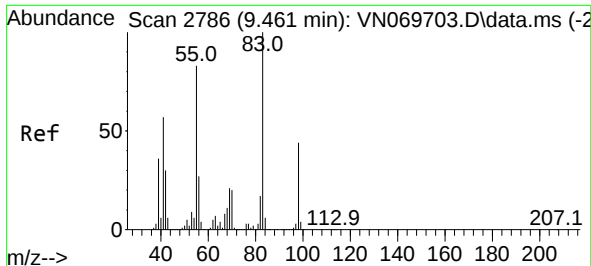
Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Tgt Ion:117 Resp: 333496

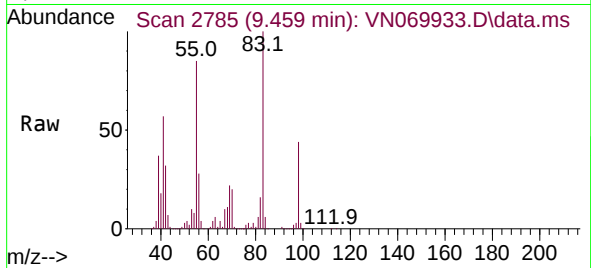
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.1	114.1
121	30.0	24.2	36.2





#39
Methylcyclohexane
Concen: 19.638 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

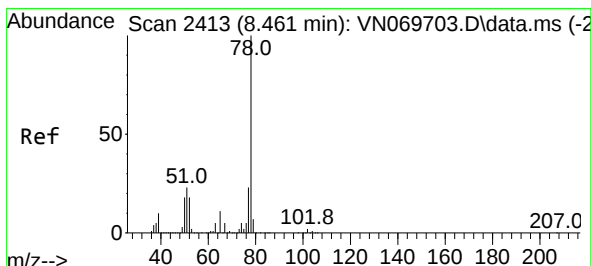
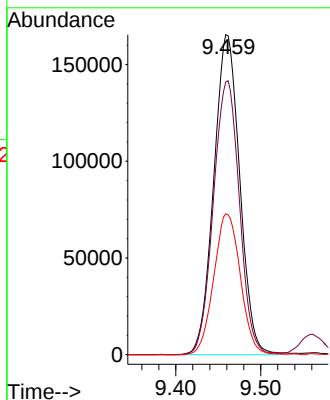
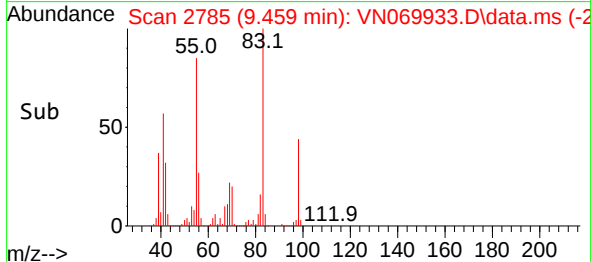
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



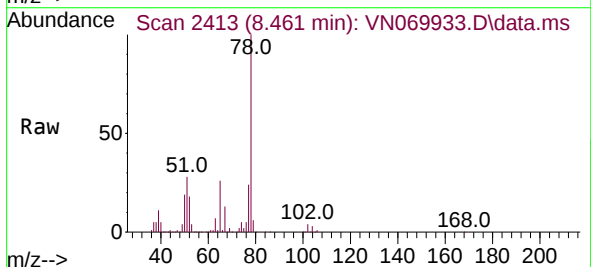
Tgt Ion: 83 Resp: 350649
Ion Ratio Lower Upper
83 100
55 85.1 58.1 87.1
98 44.0 38.4 57.6

Manual Integrations
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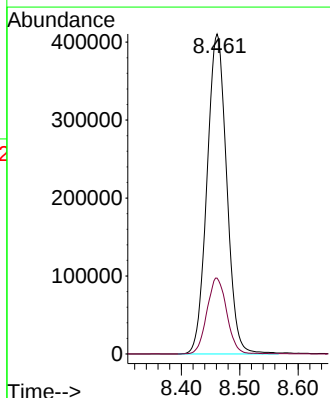
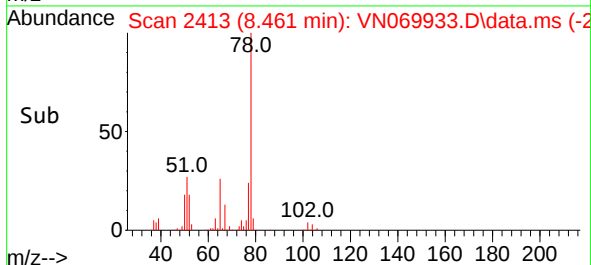
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

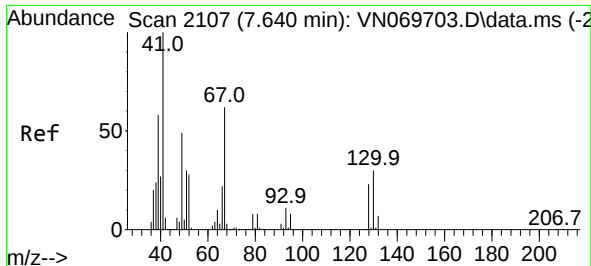


#40
Benzene
Concen: 20.941 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



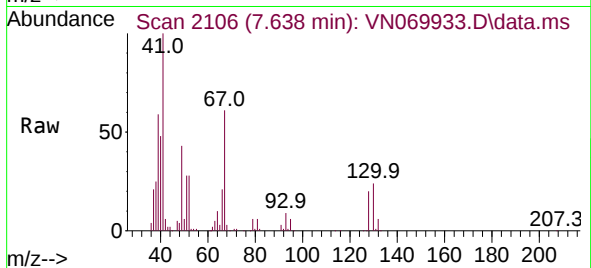
Tgt Ion: 78 Resp: 960839
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 21.863 ug/l
RT: 7.638 min Scan# 2107
Delta R.T. -0.002 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

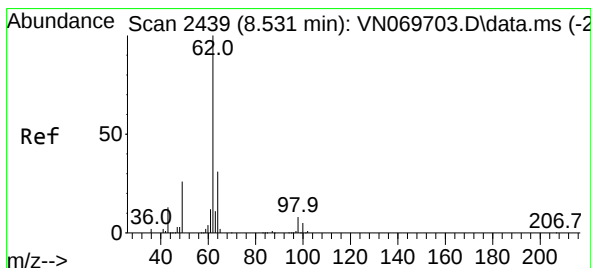
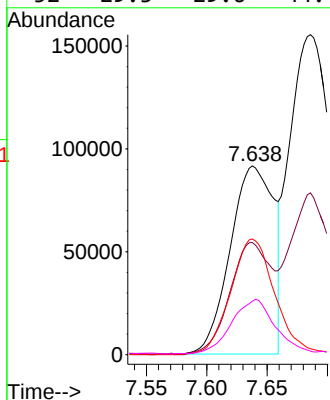
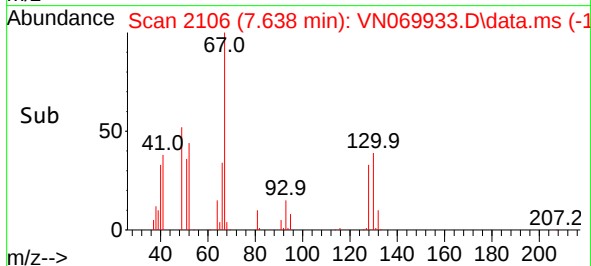
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 41 Resp: 22930
Ion Ratio Lower Upper
41 100
39 55.4 48.1 72.1
67 63.5 68.3 102.5
52 29.3 29.6 44.4#

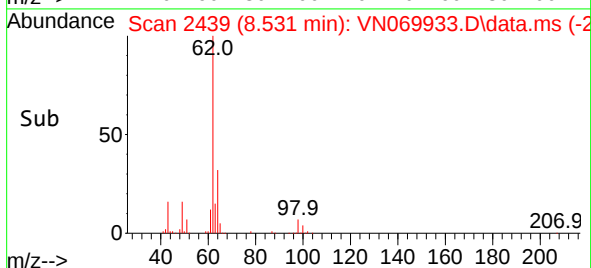
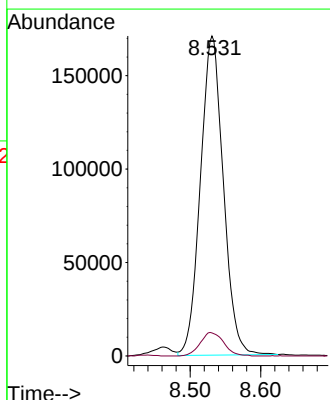
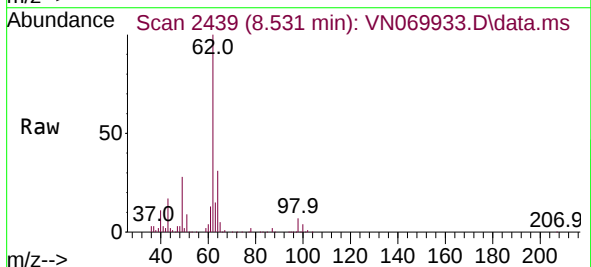
Manual Integrations
APPROVED

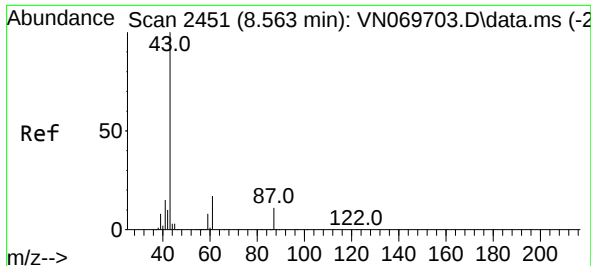
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 20.830 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

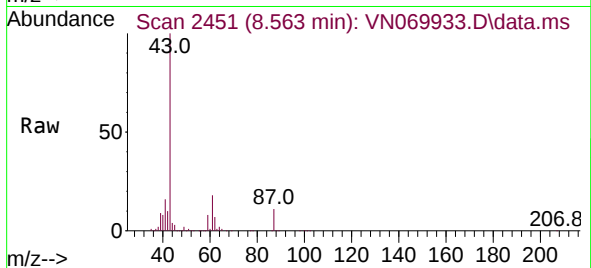
Tgt Ion: 62 Resp: 385825
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.379 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

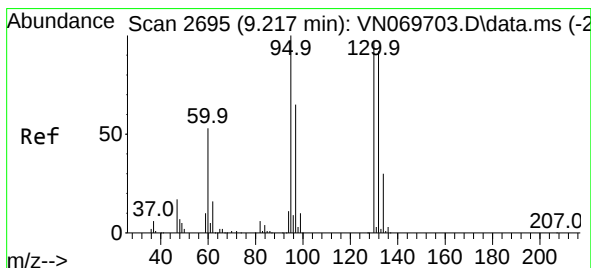
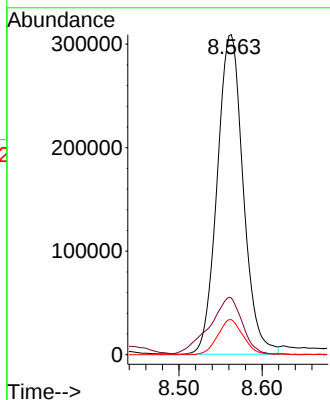
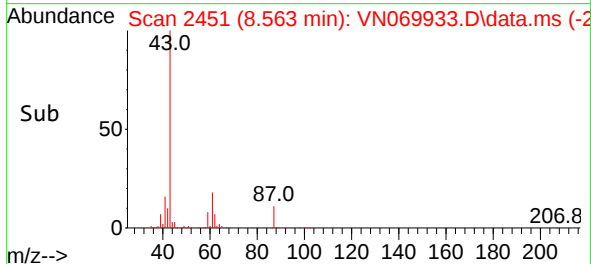
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 43 Resp: 673770
Ion Ratio Lower Upper
43 100
61 22.1 20.4 30.6
87 10.7 11.2 16.8

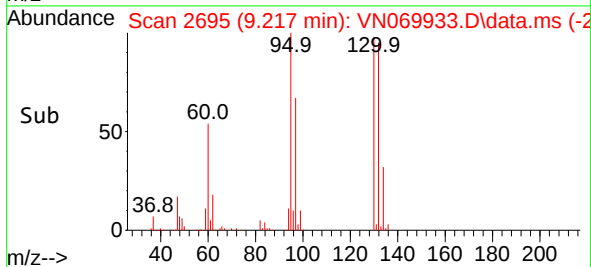
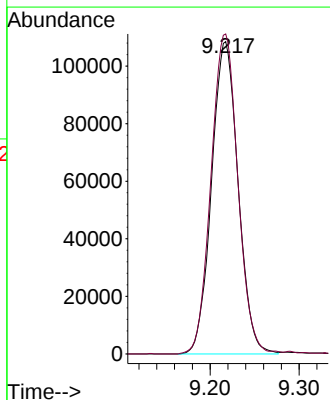
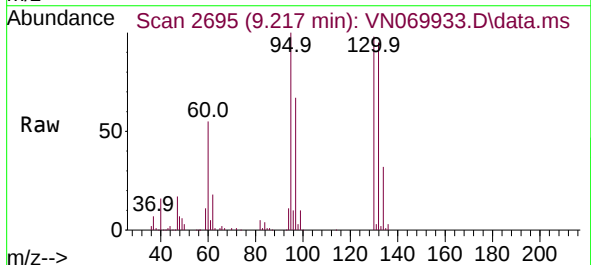
Manual Integrations
APPROVED

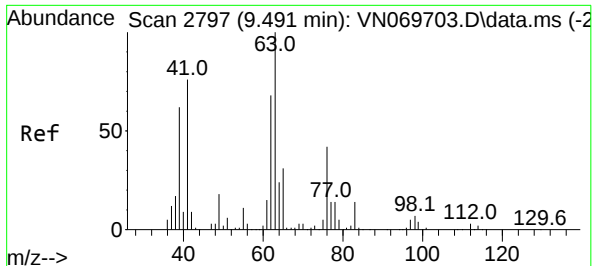
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 20.525 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion:130 Resp: 224781
Ion Ratio Lower Upper
130 100
95 102.4 0.0 191.2





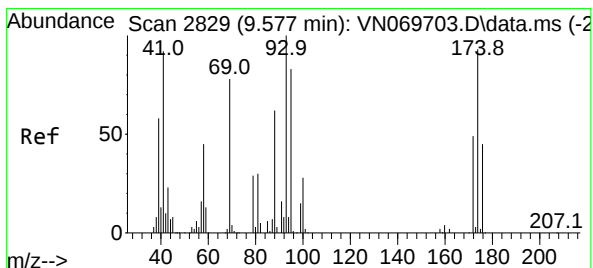
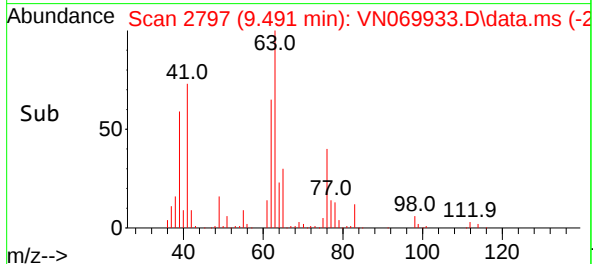
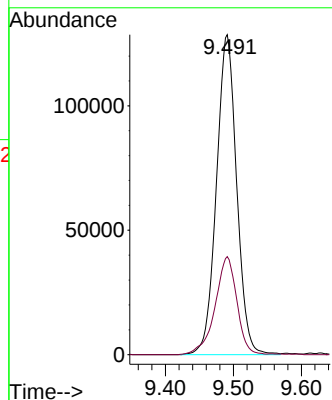
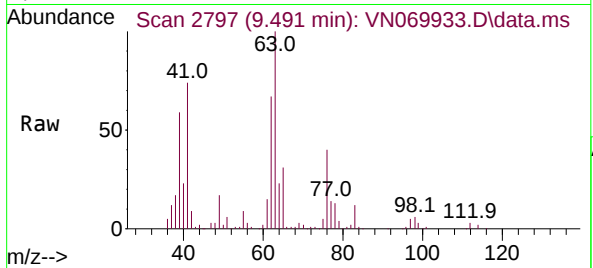
#45
1,2-Dichloropropane
Concen: 21.616 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion: 63 Resp: 266339
Ion Ratio Lower Upper
63 100
65 30.5 24.7 37.1

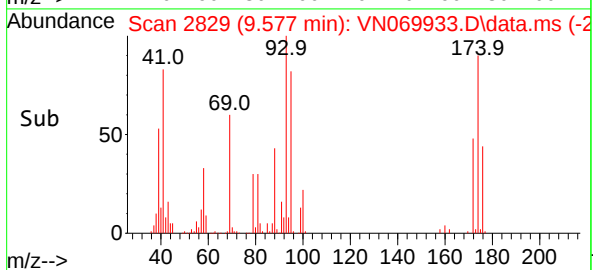
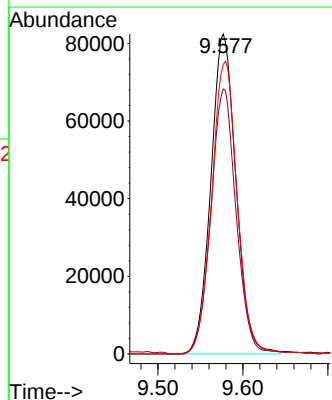
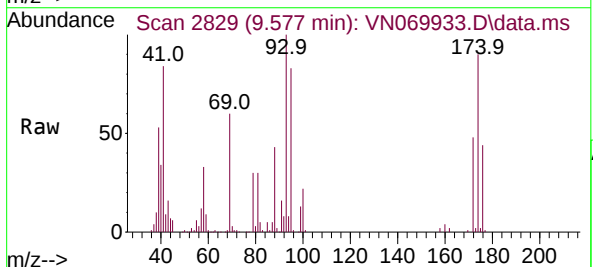
Manual Integrations
APPROVED

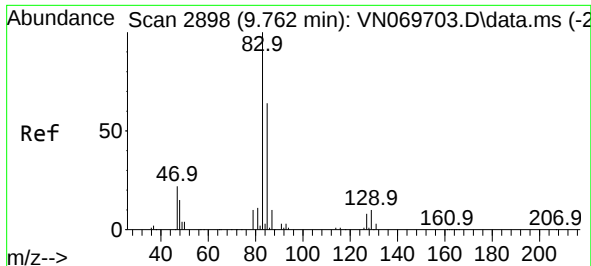
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#46
Dibromomethane
Concen: 20.999 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

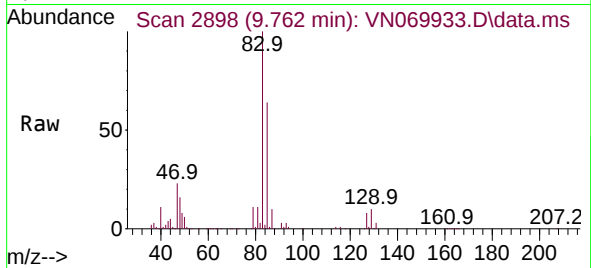
Tgt Ion: 93 Resp: 169691
Ion Ratio Lower Upper
93 100
95 83.1 65.9 98.9
174 92.4 84.6 127.0





#47
Bromodichloromethane
Concen: 23.480 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

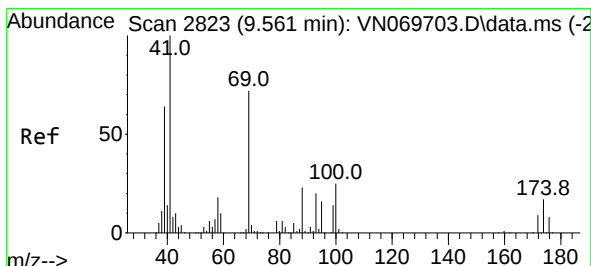
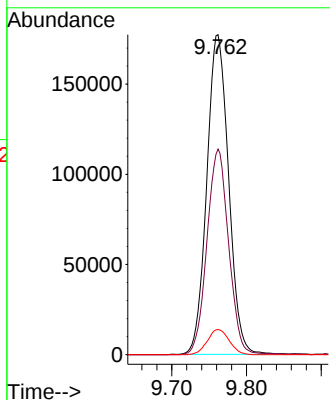
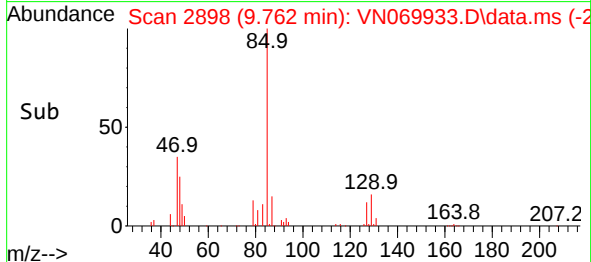
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 83 Resp: 359238
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 7.8 7.1 10.7

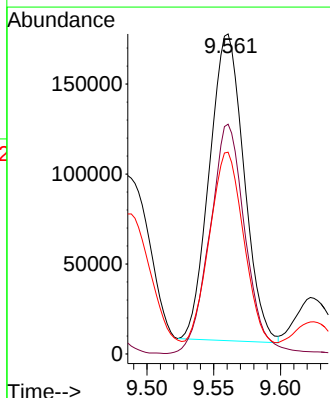
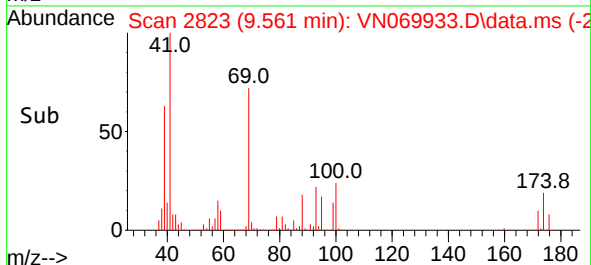
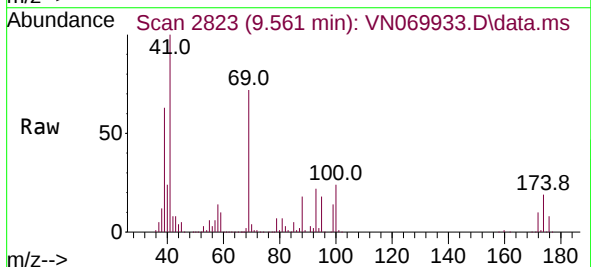
Manual Integrations
APPROVED

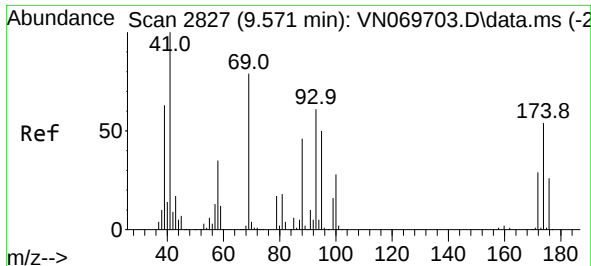
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 19.877 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion: 41 Resp: 306690
Ion Ratio Lower Upper
41 100
69 76.9 72.4 108.6
39 68.2 58.4 87.6





#49

1,4-Dioxane

Concen: 318.983 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 88 Resp: 8831

Ion Ratio Lower Upper

88 100

43 38.1 23.4 35.2

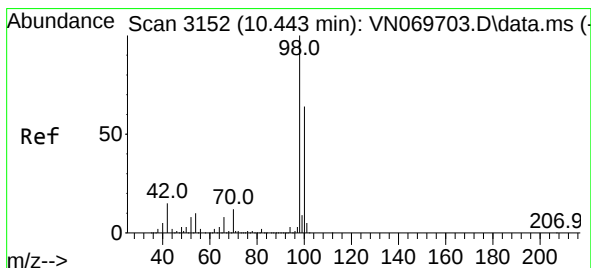
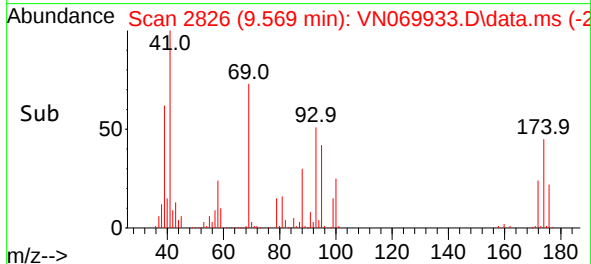
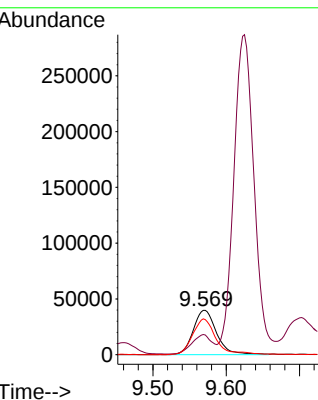
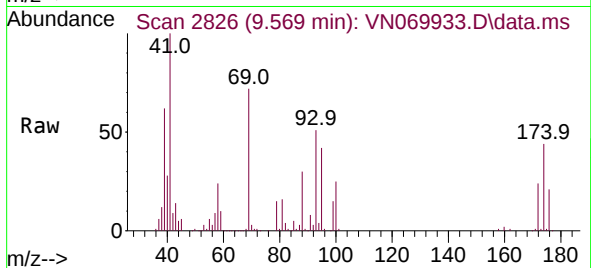
58 80.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 52.080 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069933.D

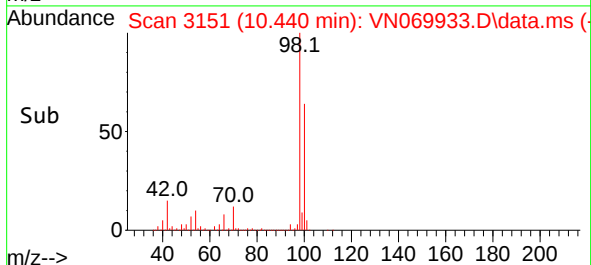
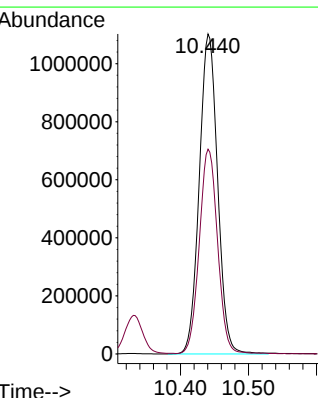
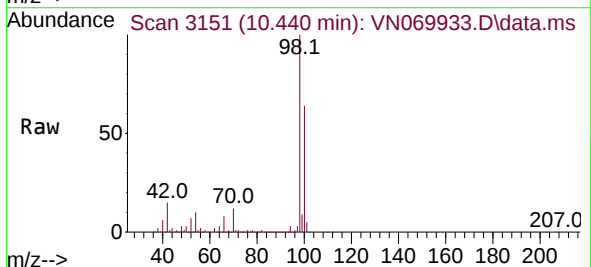
Acq: 10 Dec 2021 1:15

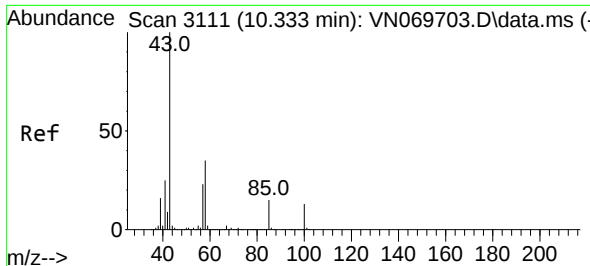
Tgt Ion: 98 Resp: 2065470

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6





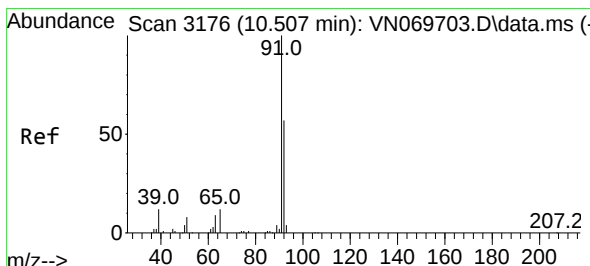
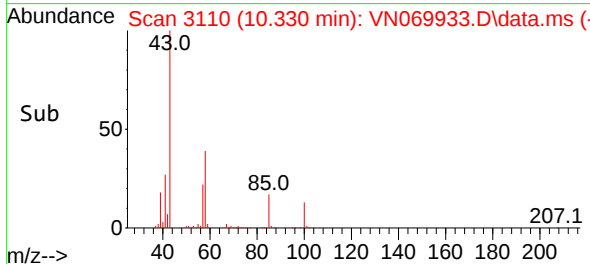
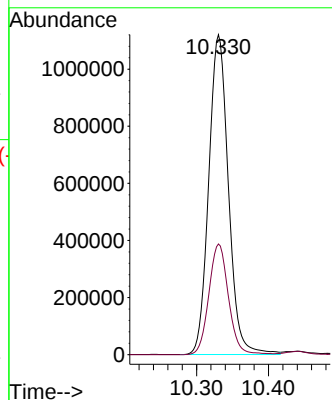
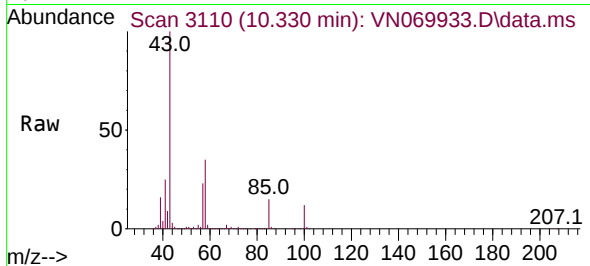
#51
4-Methyl-2-Pentanone
Concen: 99.443 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion: 43 Resp: 2132924
Ion Ratio Lower Upper
43 100
58 34.5 30.4 45.6

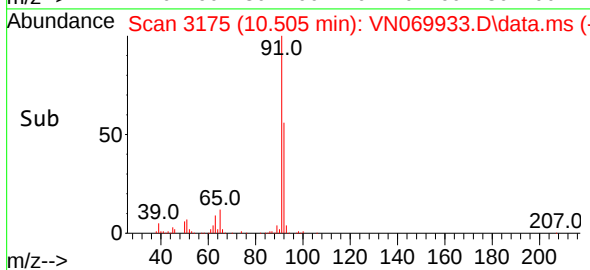
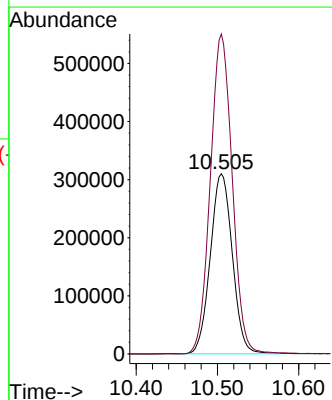
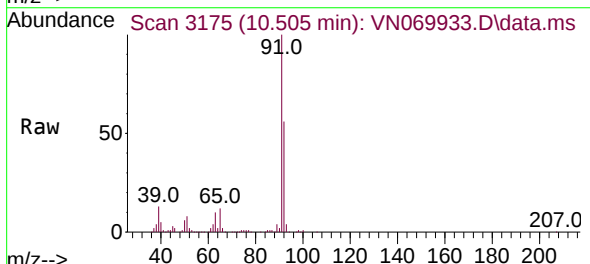
Manual Integrations
APPROVED

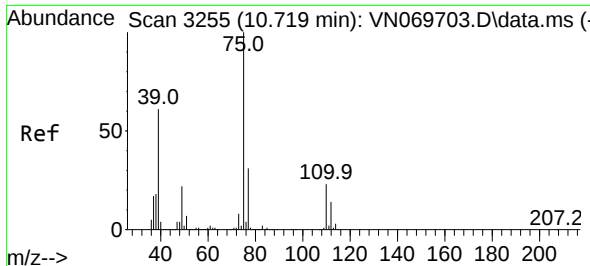
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 20.840 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion: 92 Resp: 583779
Ion Ratio Lower Upper
92 100
91 176.5 142.0 213.0





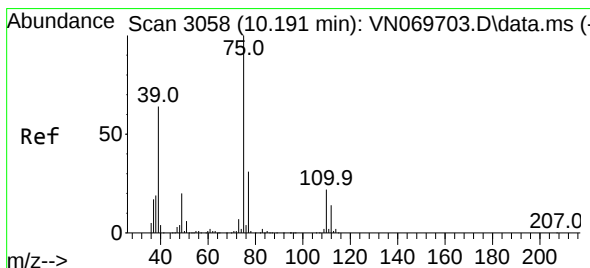
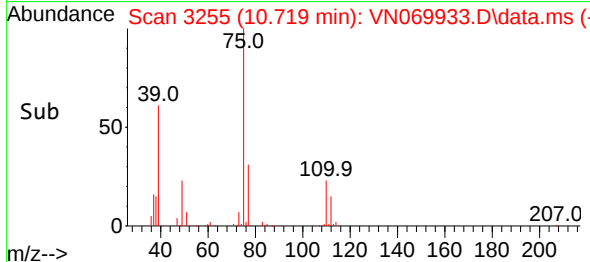
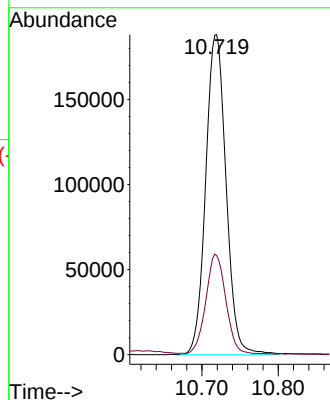
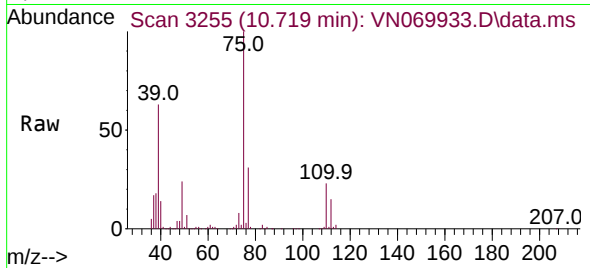
#53
t-1,3-Dichloropropene
Concen: 20.693 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion: 75 Resp: 348920
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

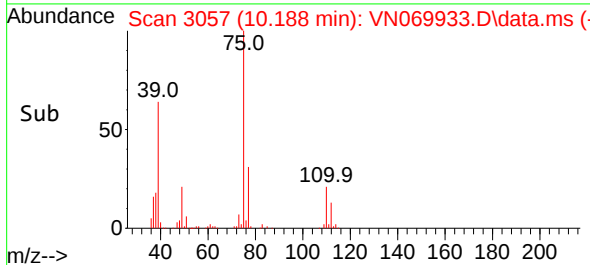
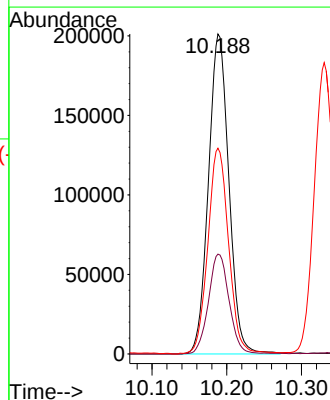
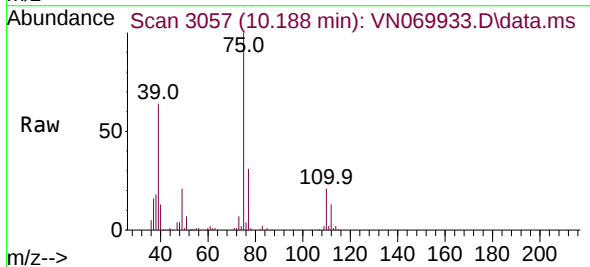
Manual Integrations
APPROVED

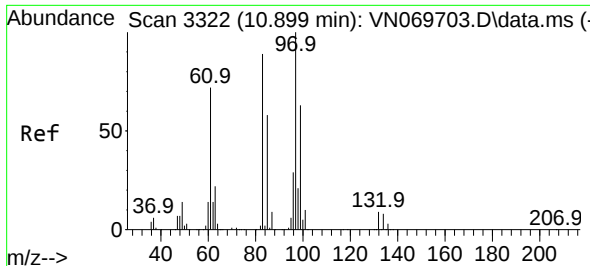
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 20.987 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

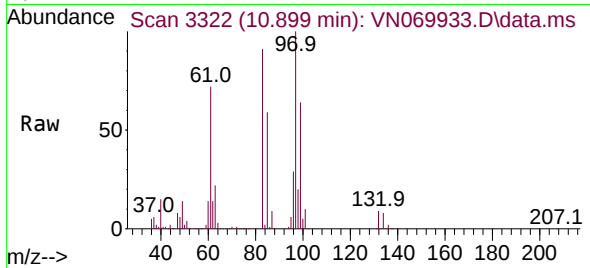
Tgt Ion: 75 Resp: 382046
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 64.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.830 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

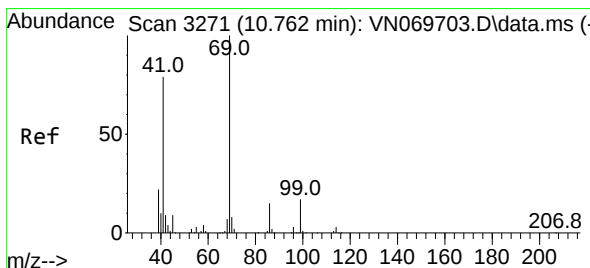
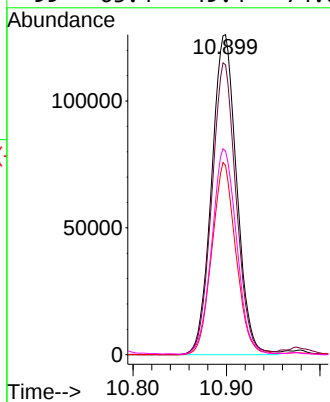
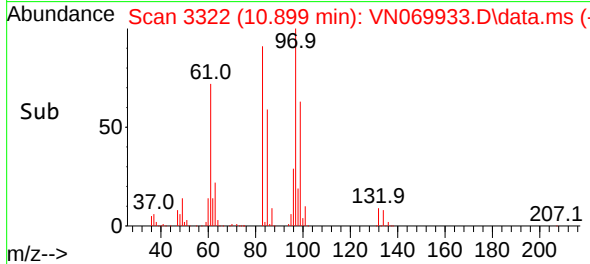
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



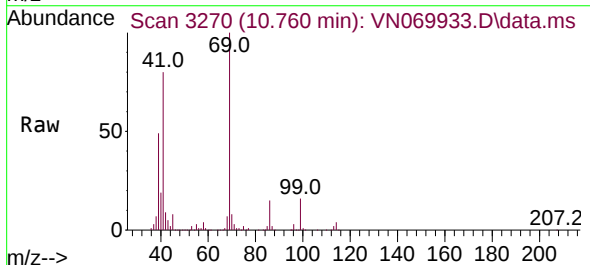
Tgt Ion: 97 Resp: 235428
Ion Ratio Lower Upper
97 100
83 90.6 67.8 101.6
85 59.1 45.4 68.2
99 63.4 49.4 74.0

Manual Integrations
APPROVED

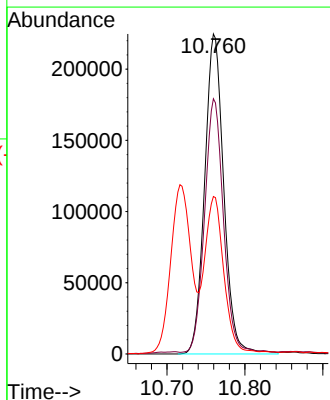
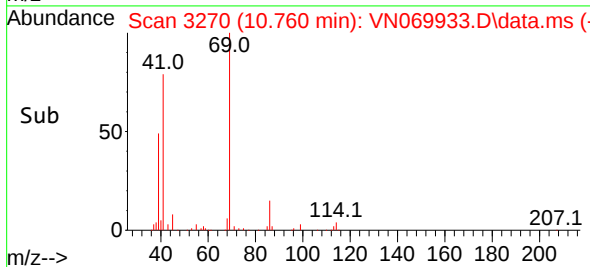
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

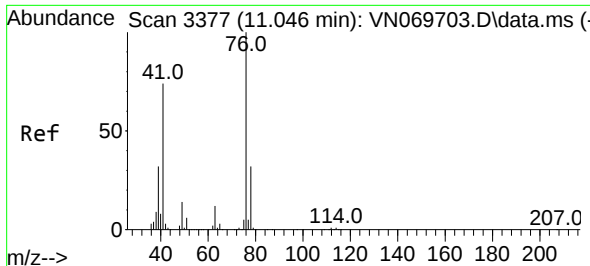


#56
Ethyl methacrylate
Concen: 19.480 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



Tgt Ion: 69 Resp: 384346
Ion Ratio Lower Upper
69 100
41 77.9 51.4 77.0#
39 47.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.963 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069933.D

Acq: 10 Dec 2021 1:15

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 76 Resp: 417190

Ion Ratio Lower Upper

76 100

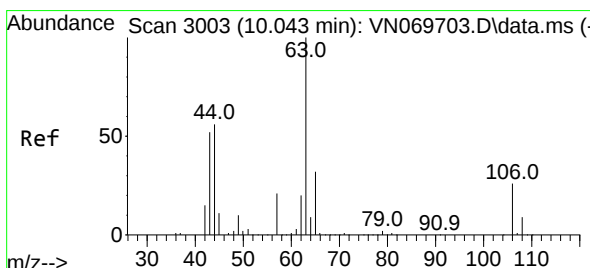
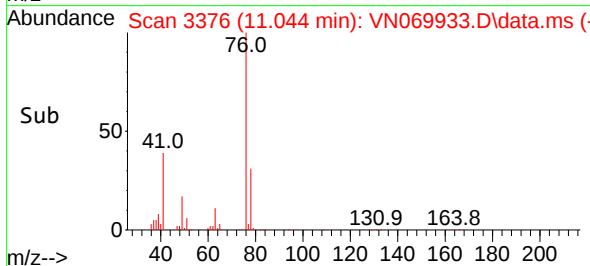
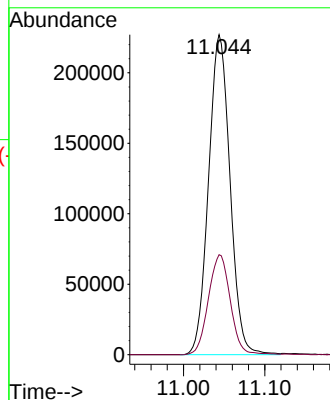
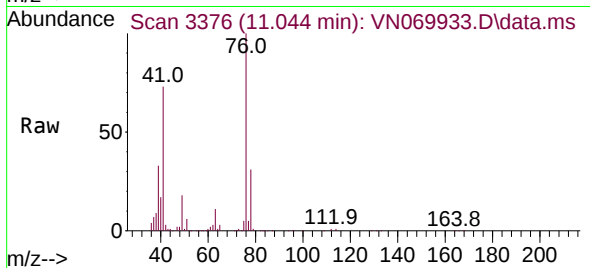
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 84.916 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069933.D

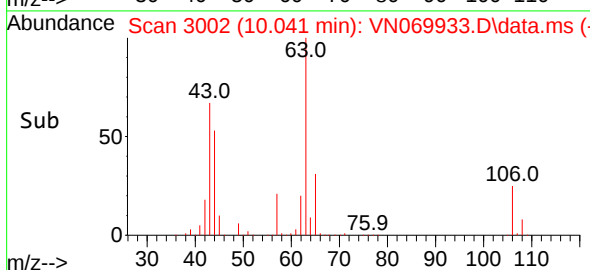
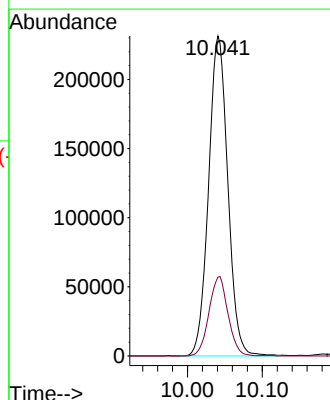
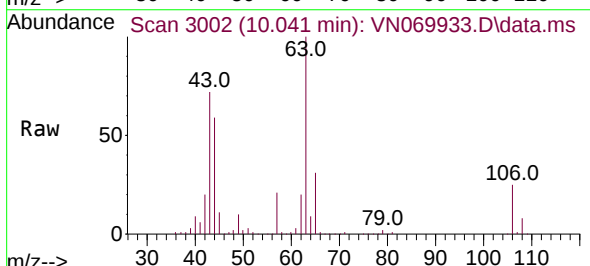
Acq: 10 Dec 2021 1:15

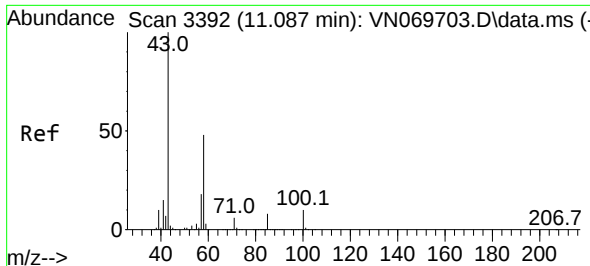
Tgt Ion: 63 Resp: 413549

Ion Ratio Lower Upper

63 100

106 24.5 23.9 35.9





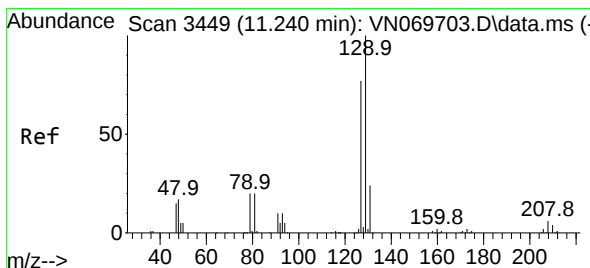
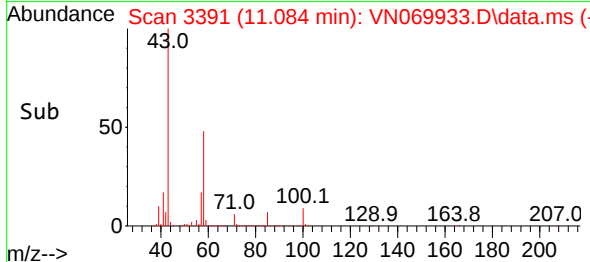
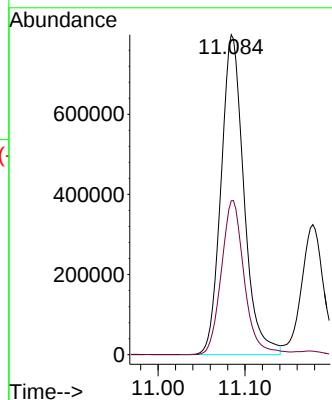
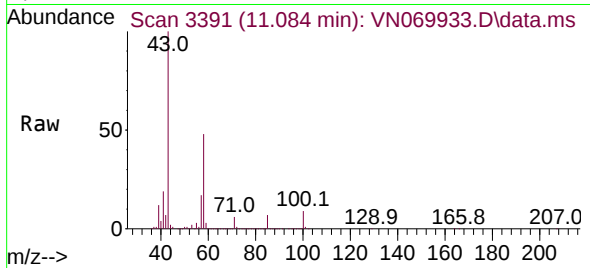
#59
2-Hexanone
Concen: 89.949 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion: 43 Resp: 1459454
Ion Ratio Lower Upper
43 100
58 48.4 26.9 80.7

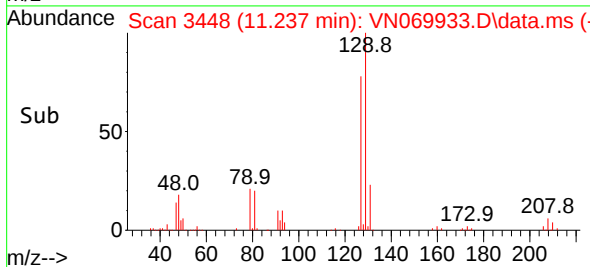
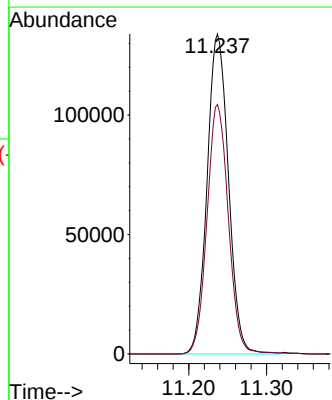
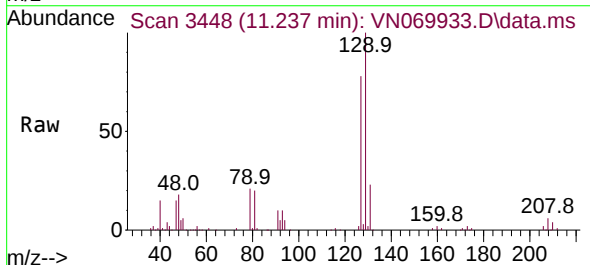
Manual Integrations
APPROVED

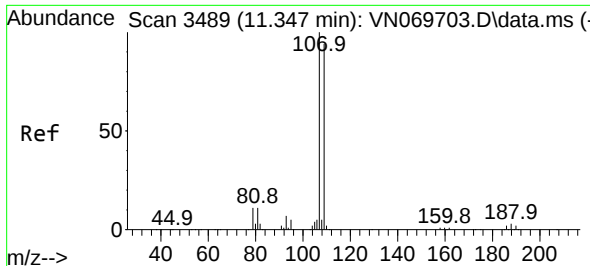
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 22.468 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

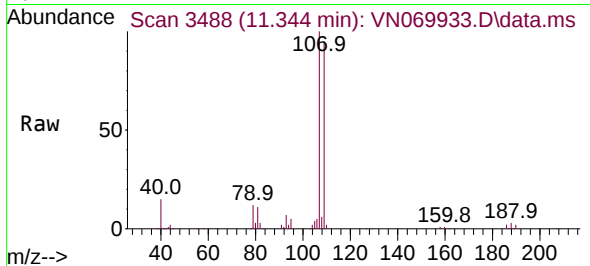
Tgt Ion:129 Resp: 255455
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.366 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

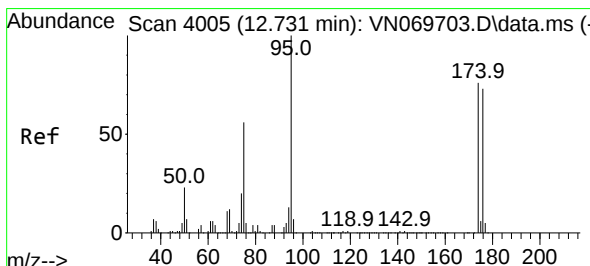
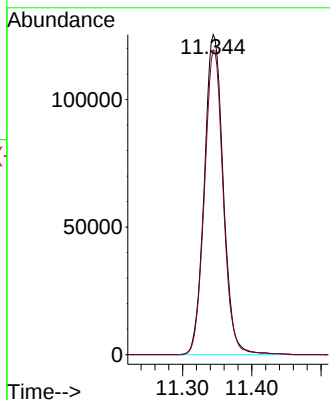
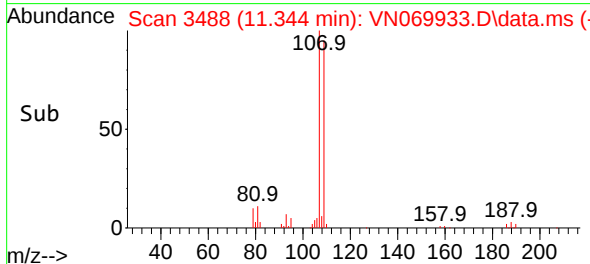
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion:107 Resp: 23842
Ion Ratio Lower Upper
107 100
109 94.1 75.7 113.5

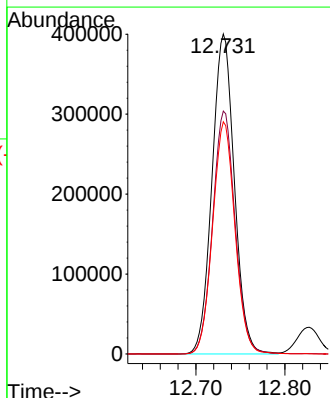
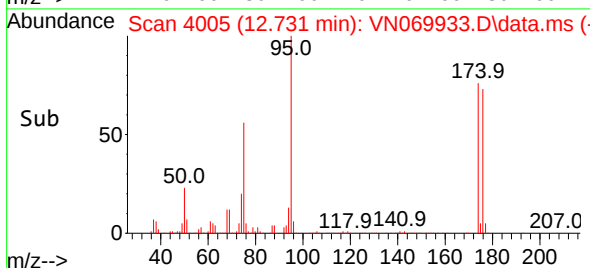
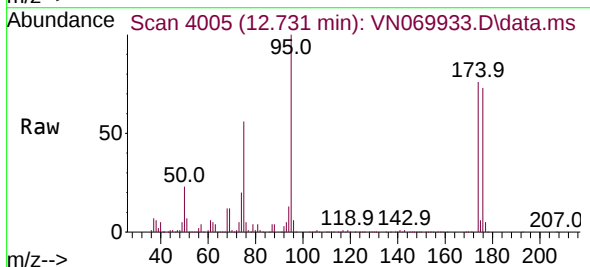
Manual Integrations
APPROVED

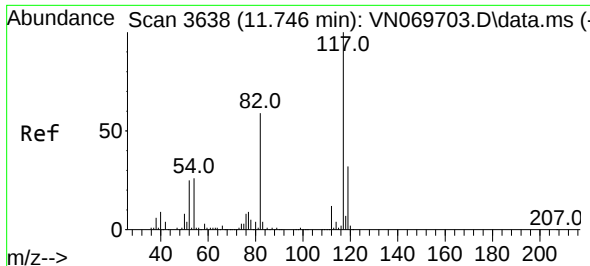
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

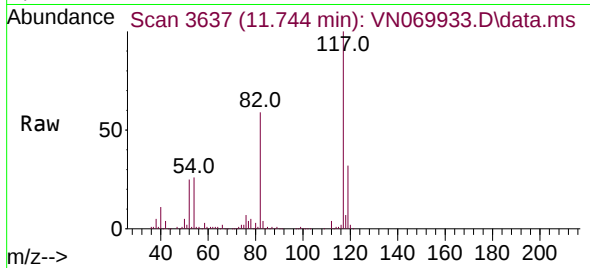
Tgt Ion: 95 Resp: 698760
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 72.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

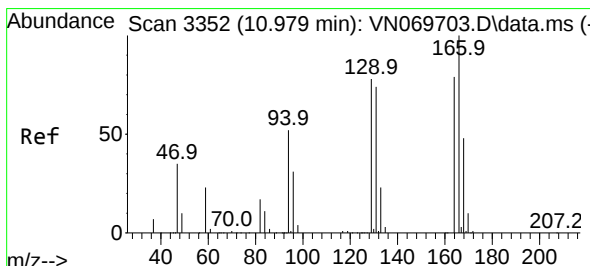
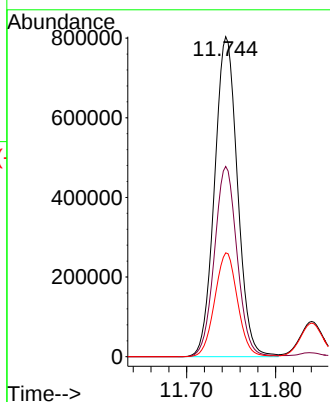
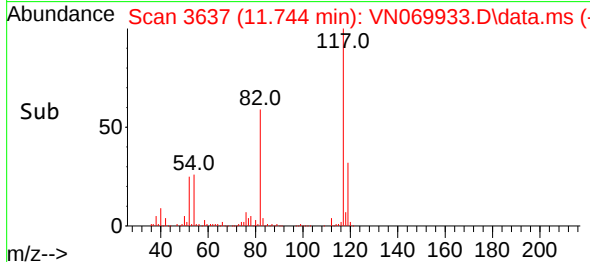
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion:117 Resp: 143920
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.4 25.4 38.2

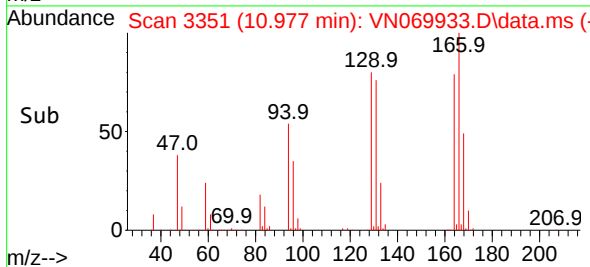
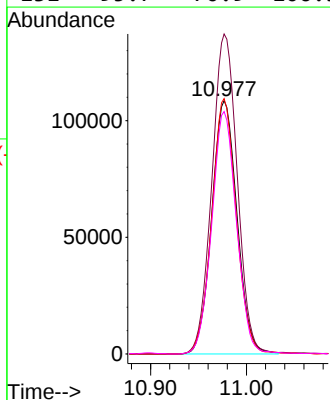
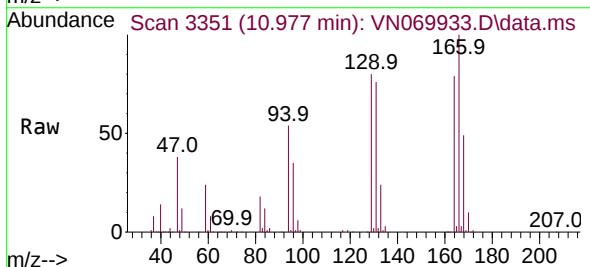
Manual Integrations
APPROVED

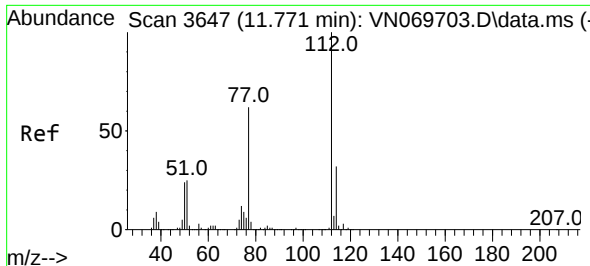
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#64
Tetrachloroethene
Concen: 20.330 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion:164 Resp: 198396
Ion Ratio Lower Upper
164 100
166 126.4 101.9 152.9
129 100.8 72.0 108.0
131 95.7 70.9 106.3





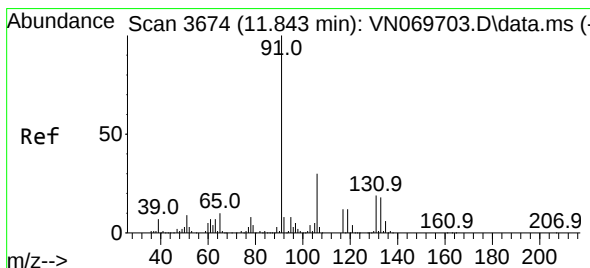
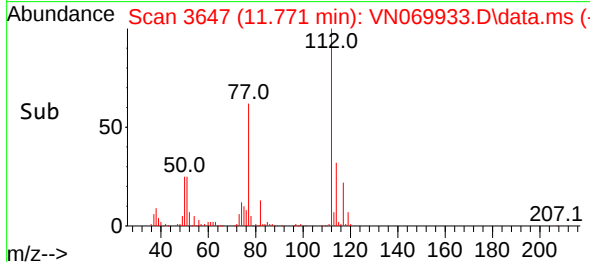
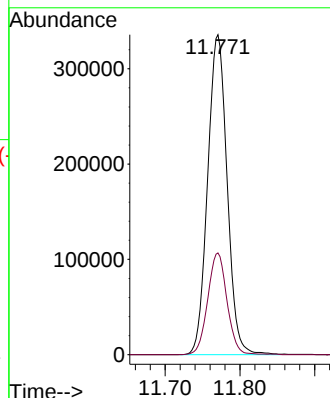
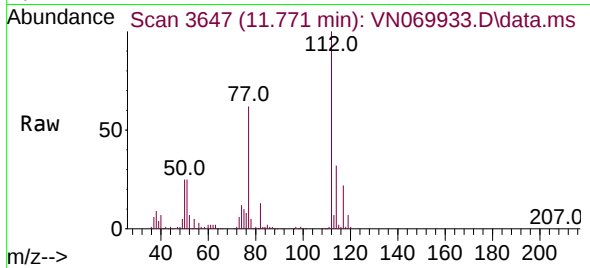
#65
Chlorobenzene
Concen: 20.833 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion:112 Resp: 608262
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

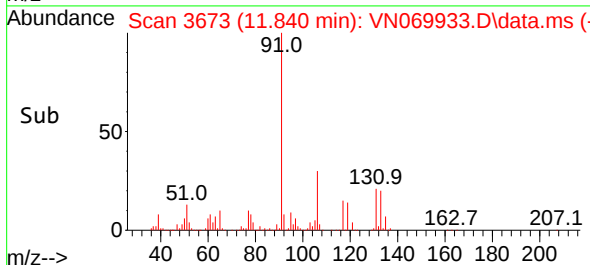
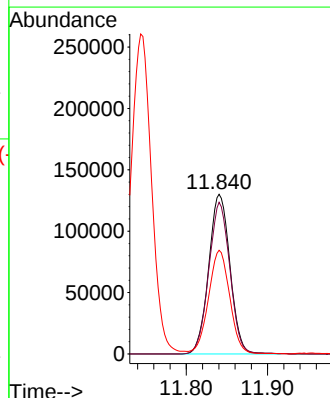
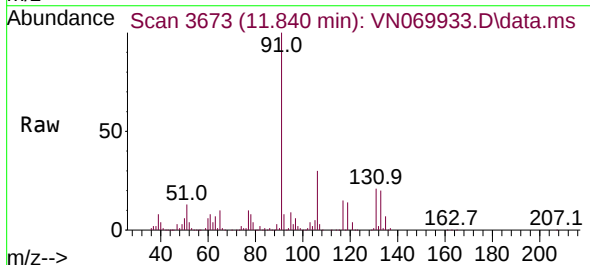
Manual Integrations
APPROVED

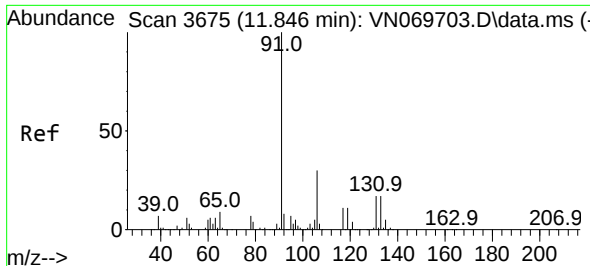
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 23.041 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

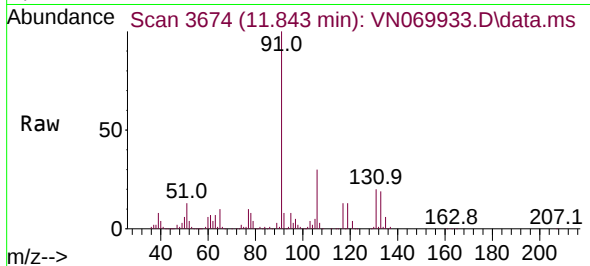
Tgt Ion:131 Resp: 236780
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.7
119 64.1 32.1 96.5





#67
Ethyl Benzene
Concen: 20.957 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

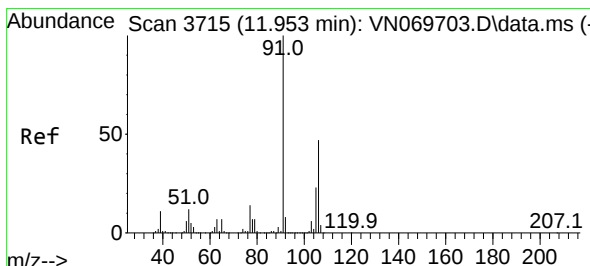
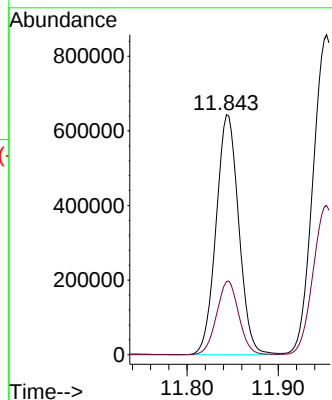
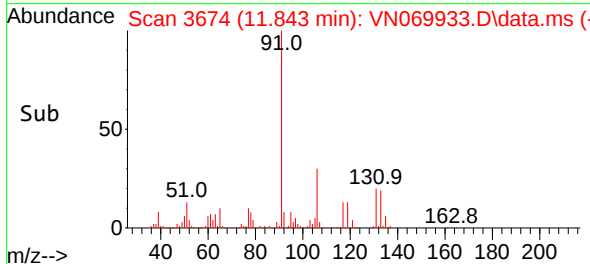
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 91 Resp: 111146
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

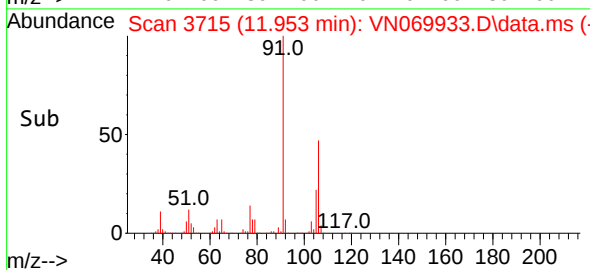
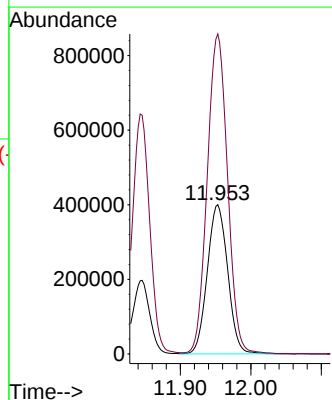
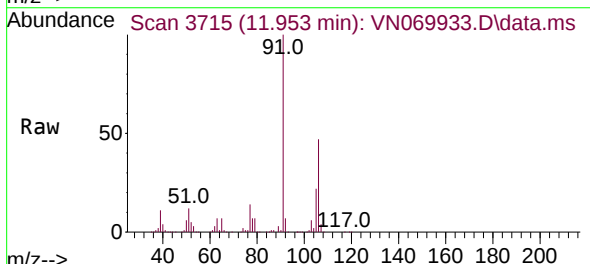
Manual Integrations
APPROVED

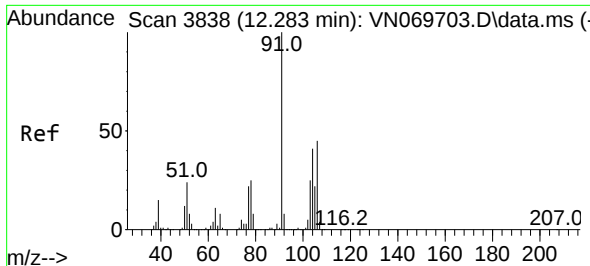
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 41.615 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion:106 Resp: 803625
Ion Ratio Lower Upper
106 100
91 213.7 160.6 240.8





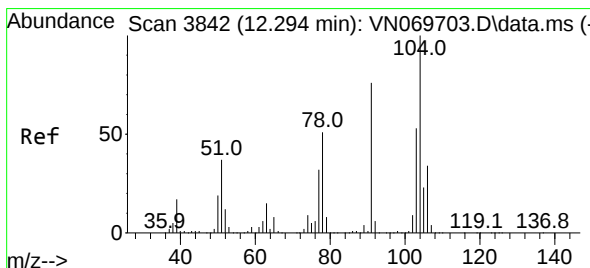
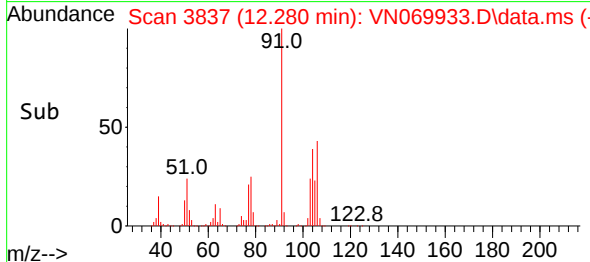
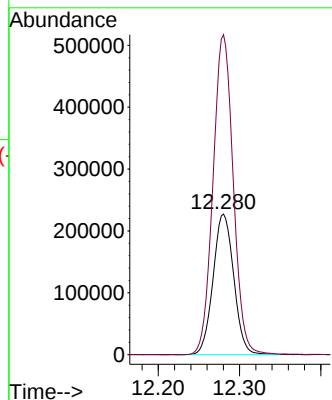
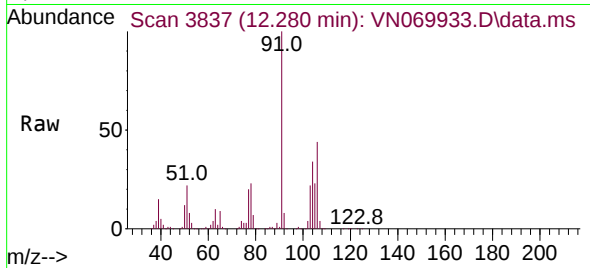
#69
o-Xylene
Concen: 20.652 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion:106 Resp: 401711
Ion Ratio Lower Upper
106 100
91 223.5 105.8 317.3

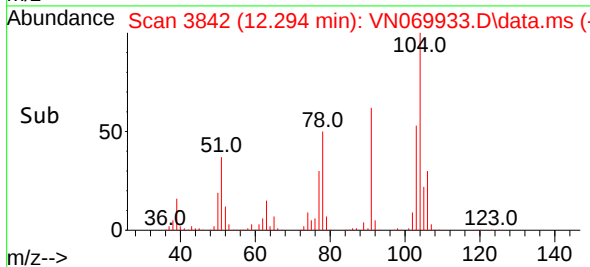
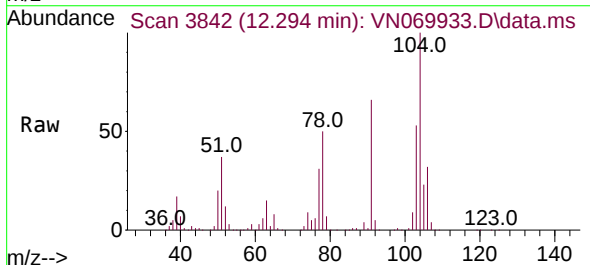
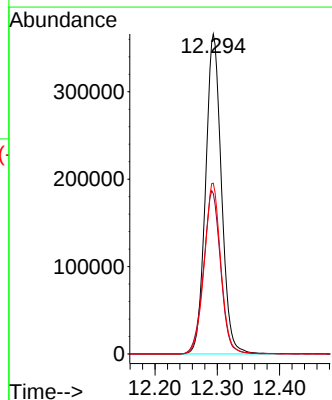
Manual Integrations
APPROVED

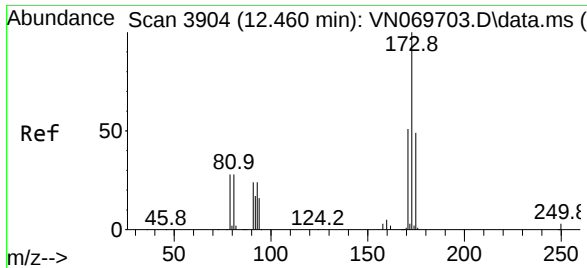
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 20.967 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

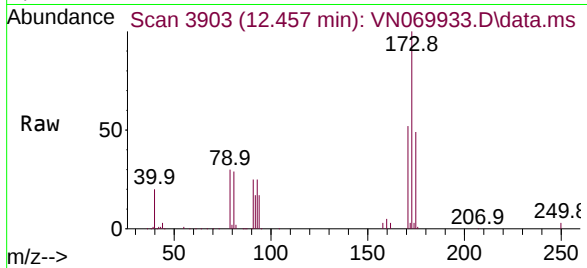
Tgt Ion:104 Resp: 646712
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 22.745 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

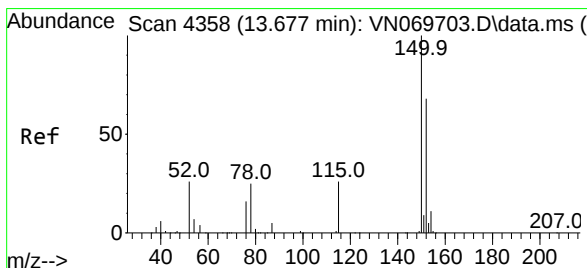
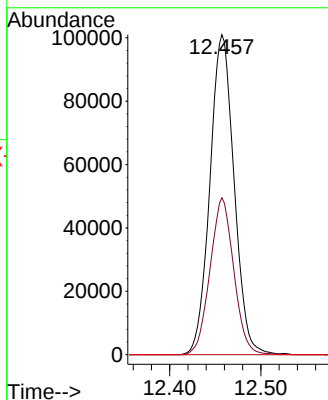
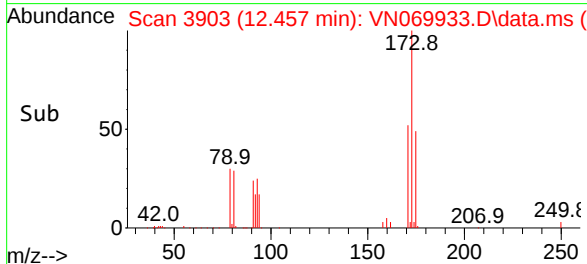
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



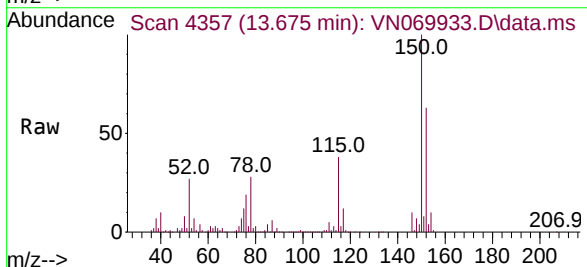
Tgt Ion:173 Resp: 186075
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

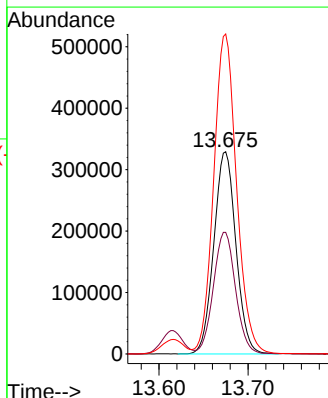
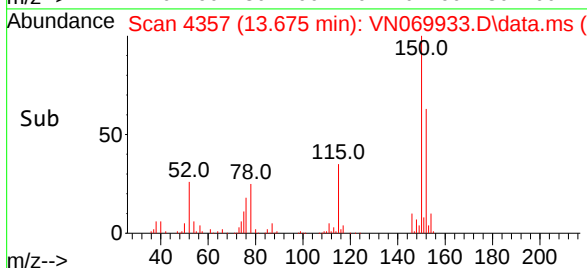
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

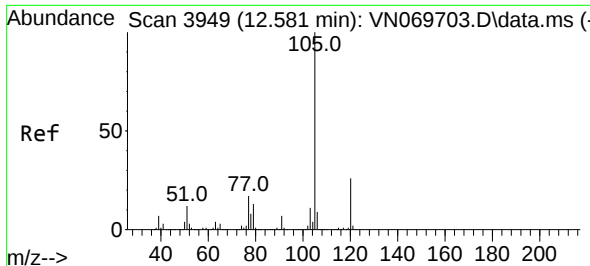


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



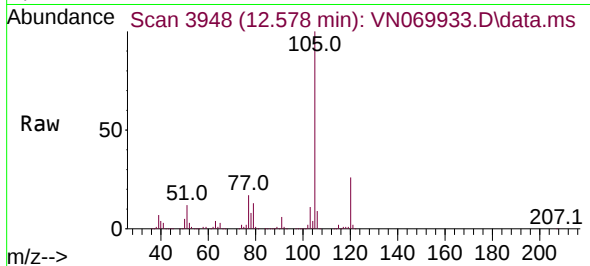
Tgt Ion:152 Resp: 568606
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 164.0 0.0 344.4





#73
Isopropylbenzene
Concen: 20.498 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

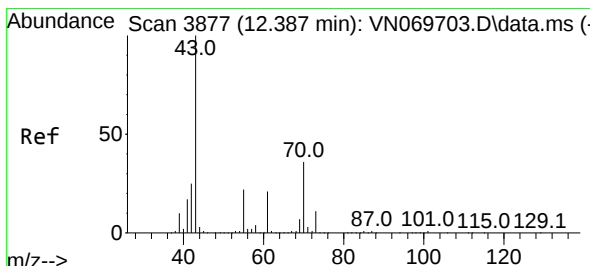
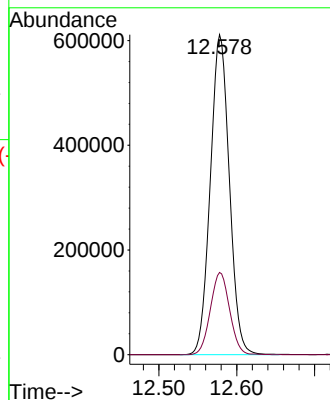
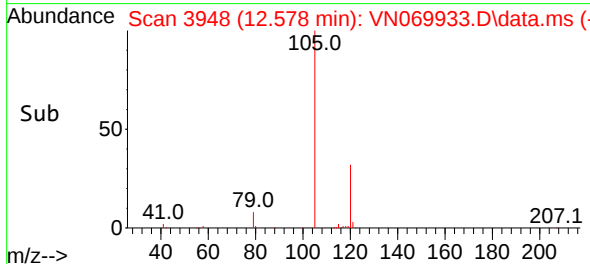
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion:105 Resp: 1036969
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

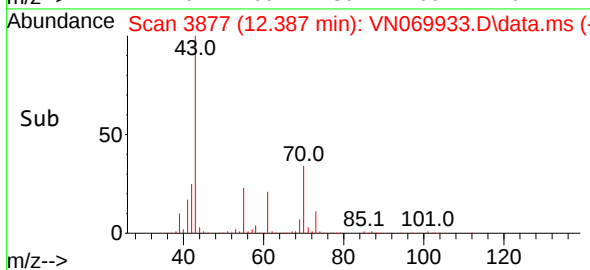
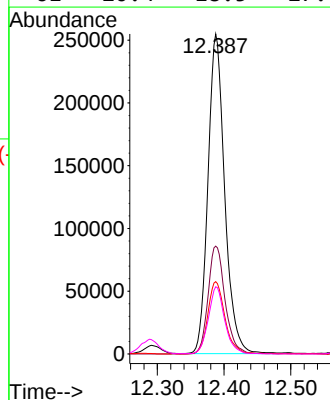
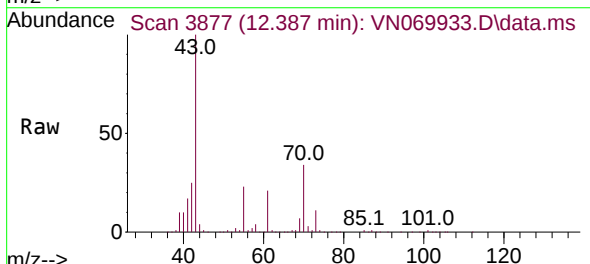
Manual Integrations
APPROVED

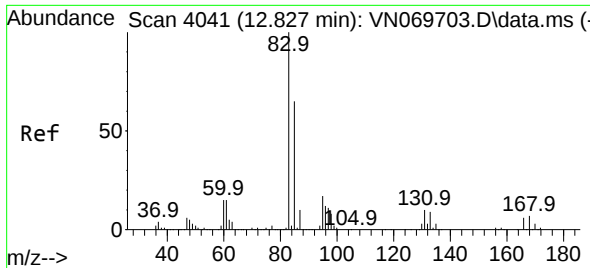
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#74
N-ethyl acetate
Concen: 19.788 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

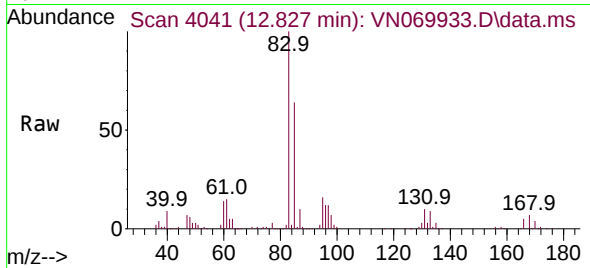
Tgt Ion: 43 Resp: 442714
Ion Ratio Lower Upper
43 100
70 34.3 33.4 50.0
55 23.2 19.3 28.9
61 20.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.734 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

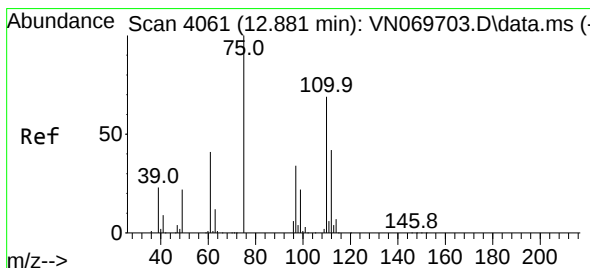
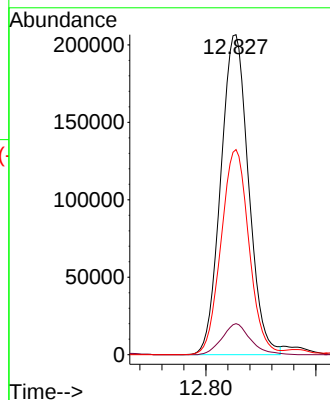
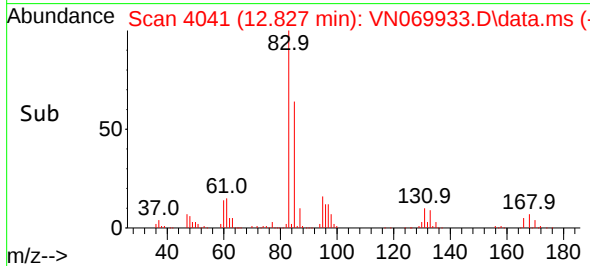
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 83 Resp: 362720
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.4 32.4 97.2

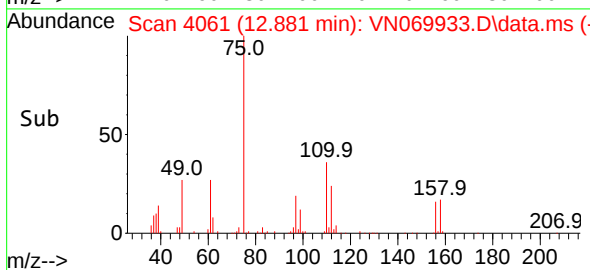
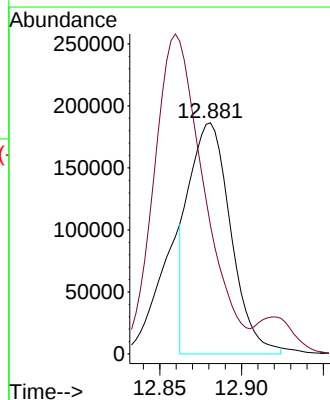
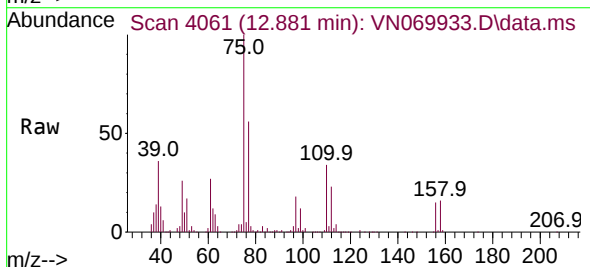
Manual Integrations
APPROVED

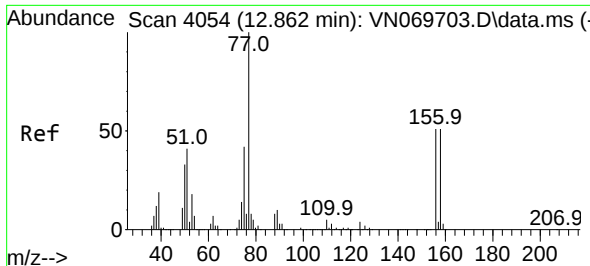
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#76
1,2,3-Trichloropropane
Concen: 20.258 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

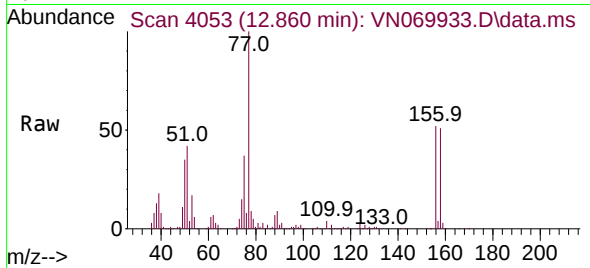
Tgt Ion: 75 Resp: 330331
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 20.177 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

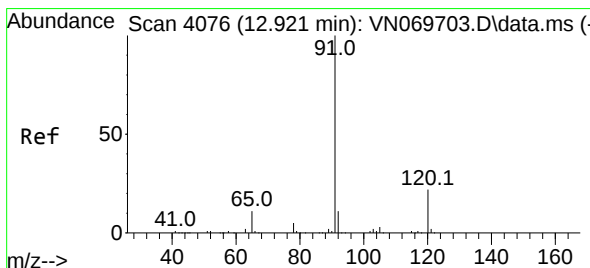
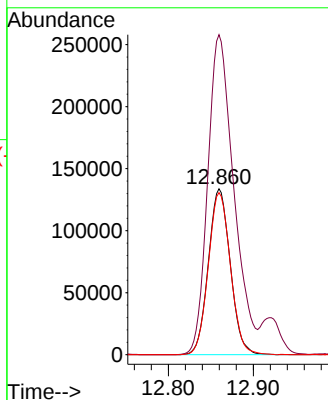
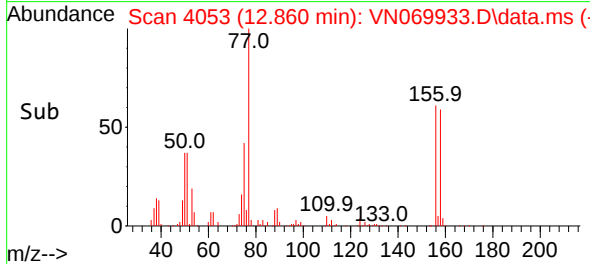
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion:156 Resp: 23976
Ion Ratio Lower Upper
156 100
77 229.3 90.6 271.8
158 98.6 48.9 146.7

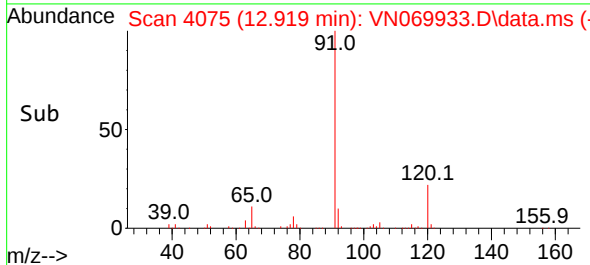
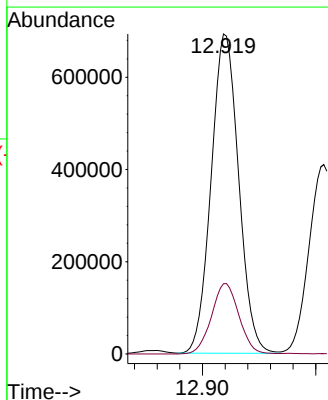
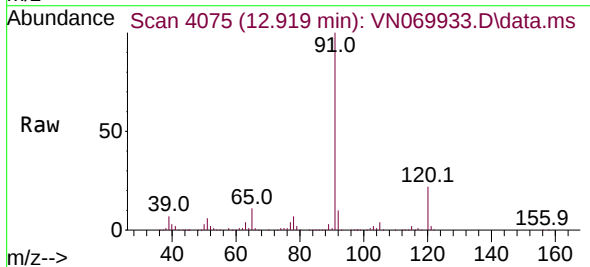
Manual Integrations
APPROVED

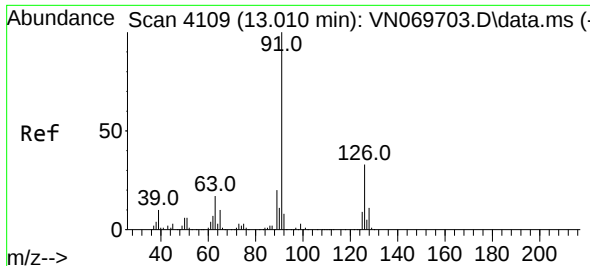
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 20.720 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion: 91 Resp: 1166460
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





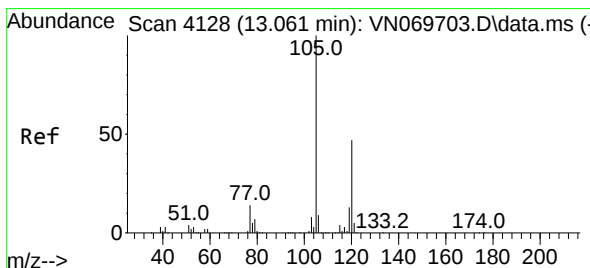
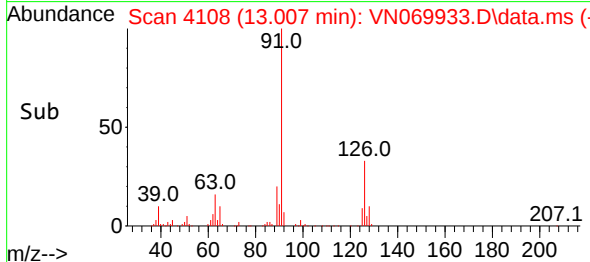
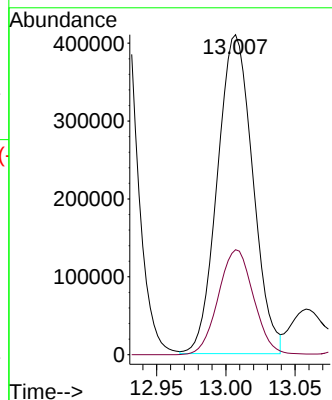
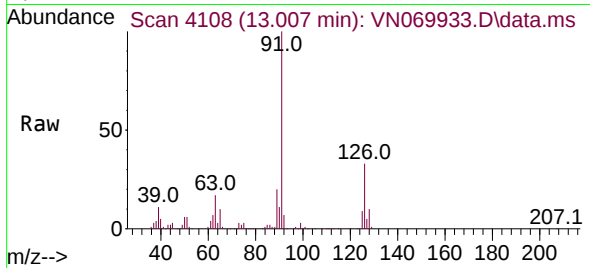
#79
2-Chlorotoluene
Concen: 20.467 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion: 91 Resp: 72805
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

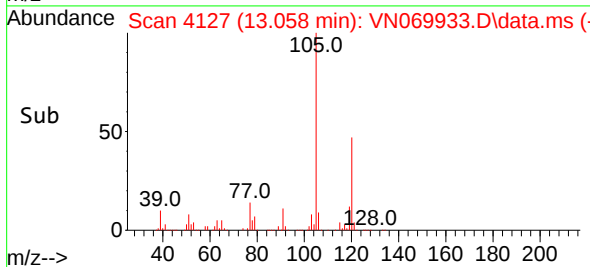
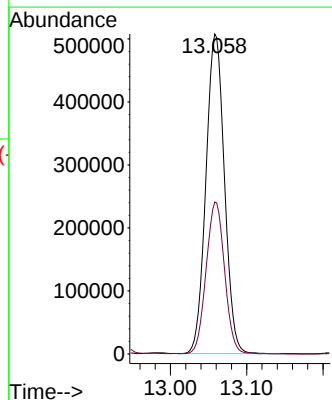
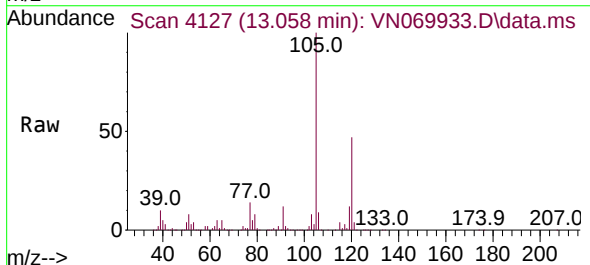
Manual Integrations
APPROVED

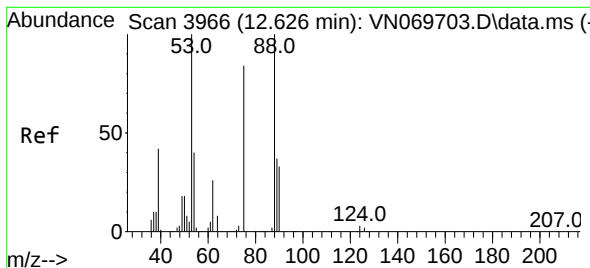
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.975 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

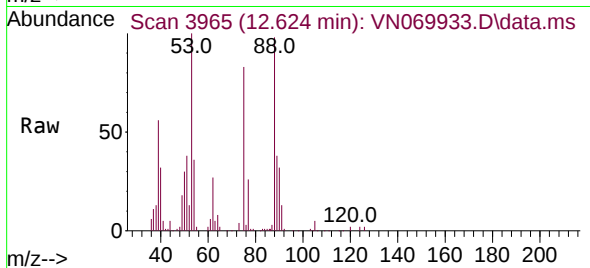
Tgt Ion:105 Resp: 854071
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.974 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

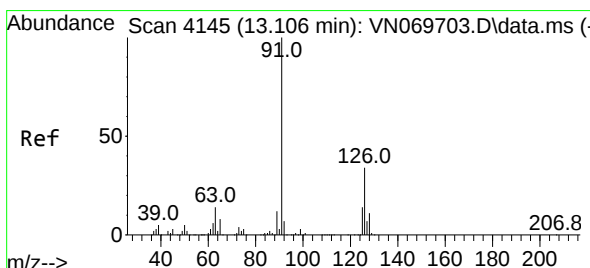
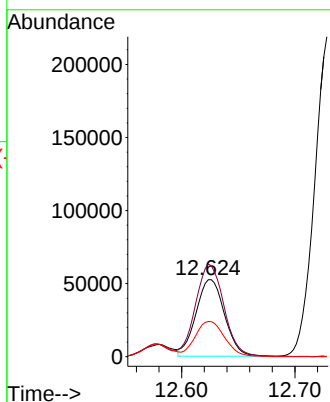
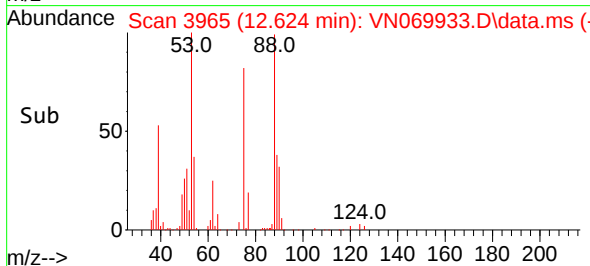
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 75 Resp: 91711
Ion Ratio Lower Upper
75 100
53 120.1 90.5 135.7
89 47.5 38.2 57.4

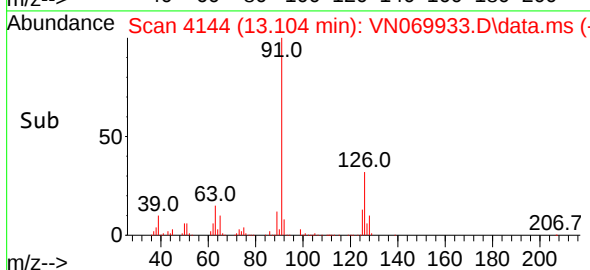
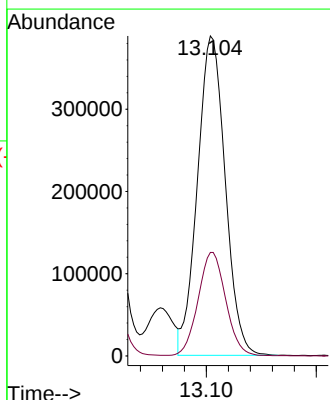
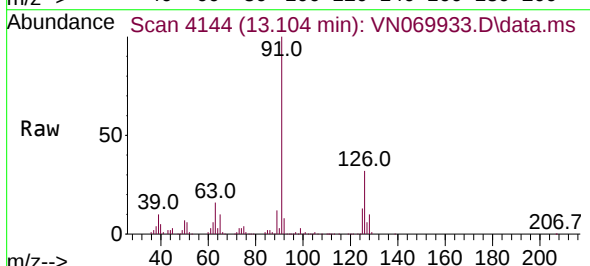
Manual Integrations
APPROVED

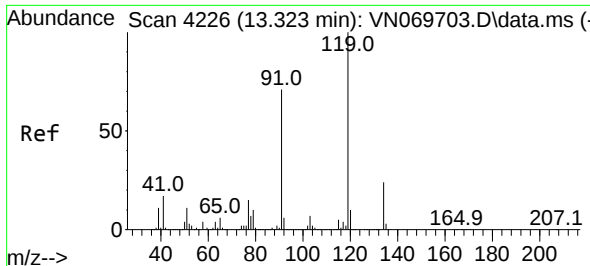
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 20.346 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

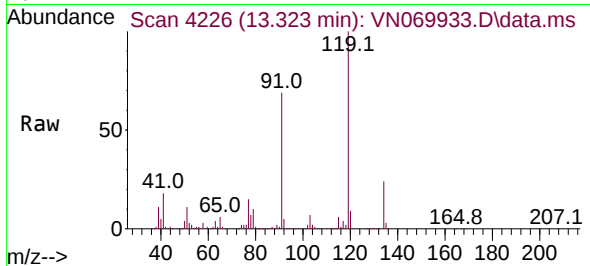
Tgt Ion: 91 Resp: 680628
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.243 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

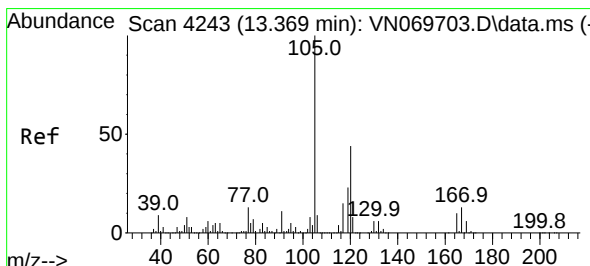
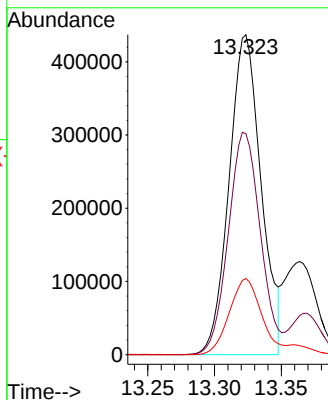
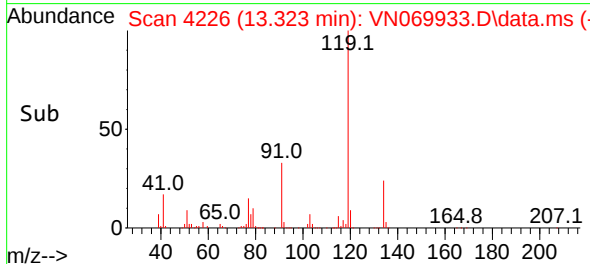
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



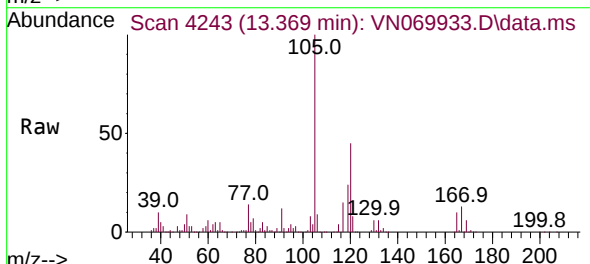
Tgt Ion:119 Resp: 729864
Ion Ratio Lower Upper
119 100
91 69.7 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
APPROVED

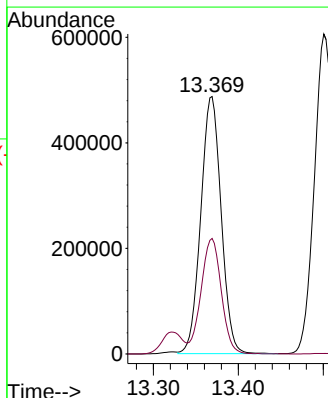
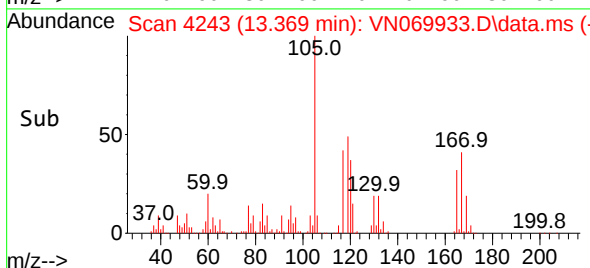
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

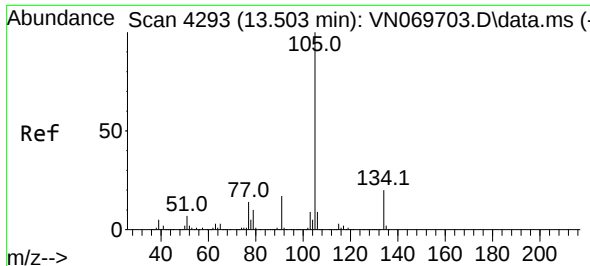


#84
1,2,4-Trimethylbenzene
Concen: 20.976 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



Tgt Ion:105 Resp: 813447
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4





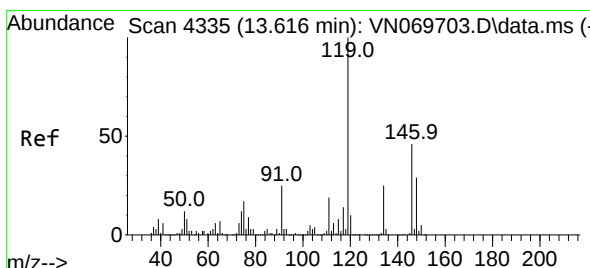
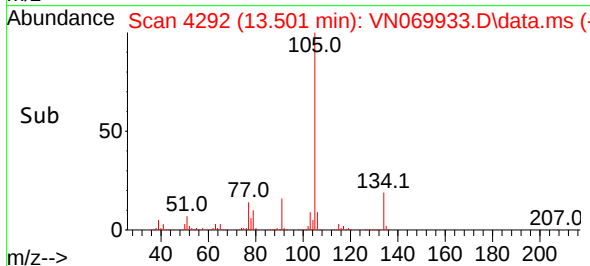
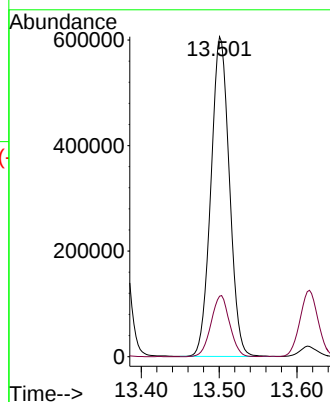
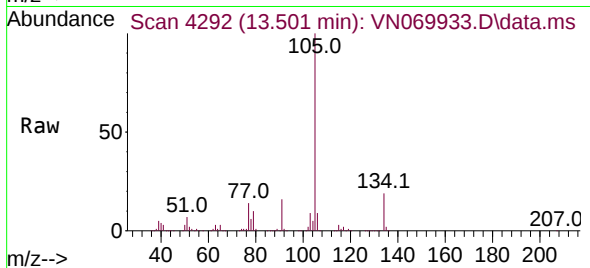
#85
 sec-Butylbenzene
 Concen: 20.362 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069933.D
 Acq: 10 Dec 2021 1:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD02

Tgt Ion:105 Resp: 995800
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

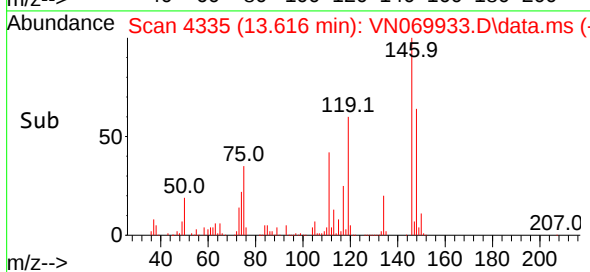
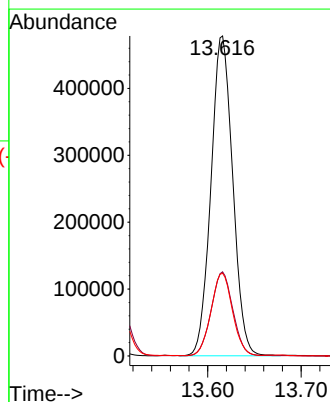
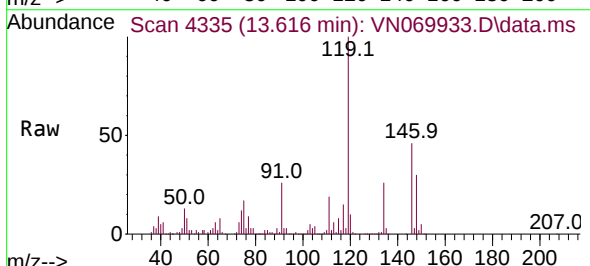
Manual Integrations
 APPROVED

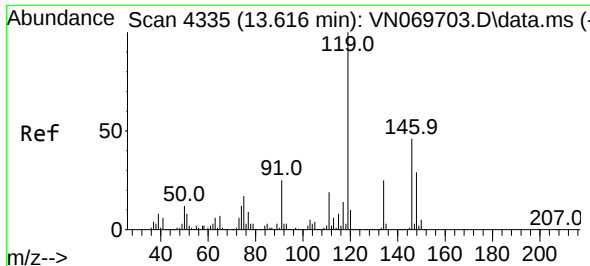
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 20.246 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069933.D
 Acq: 10 Dec 2021 1:15

Tgt Ion:119 Resp: 773948
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 25.5 11.4 34.1





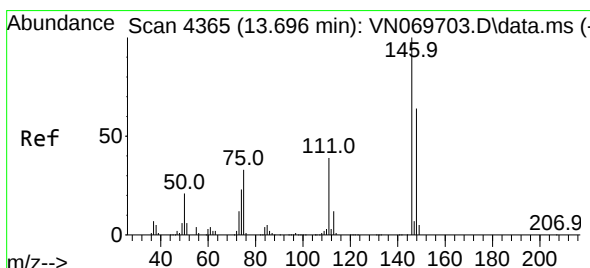
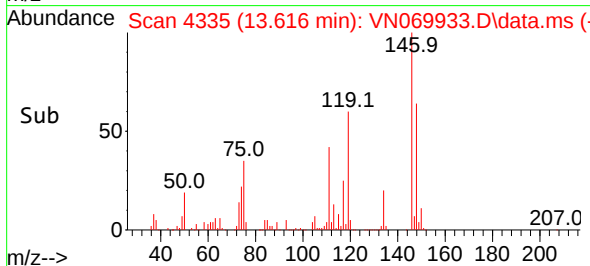
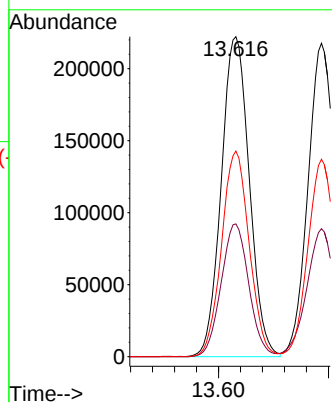
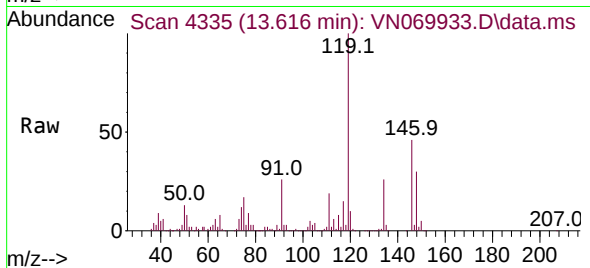
#87
1,3-Dichlorobenzene
Concen: 20.169 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion:146 Resp: 393720
Ion Ratio Lower Upper
146 100
111 40.9 18.6 55.6
148 63.4 31.6 95.0

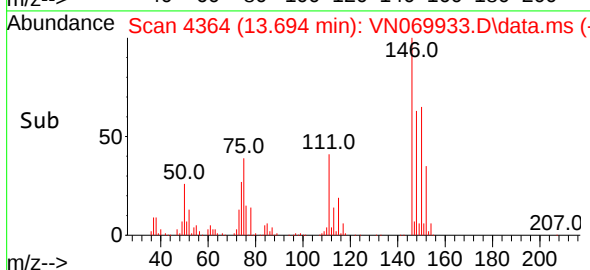
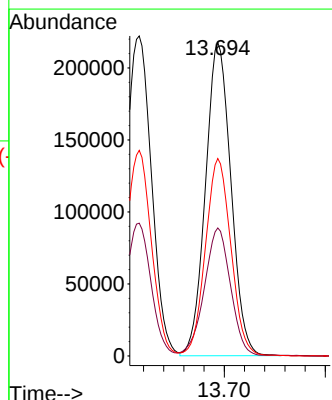
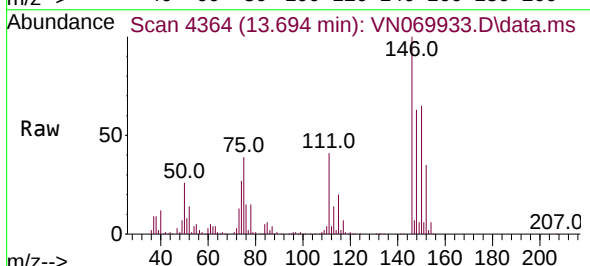
Manual Integrations
APPROVED

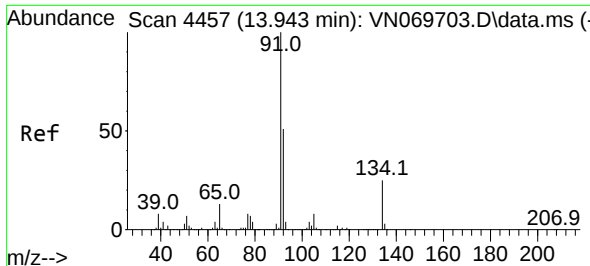
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 19.852 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Tgt Ion:146 Resp: 380855
Ion Ratio Lower Upper
146 100
111 41.7 18.3 54.8
148 63.4 31.8 95.4





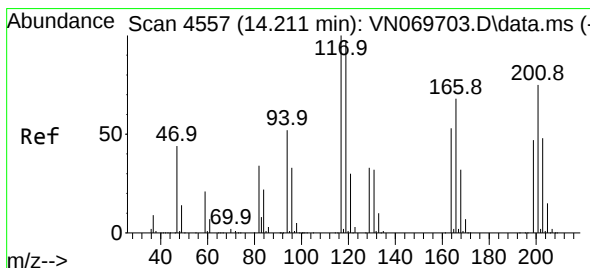
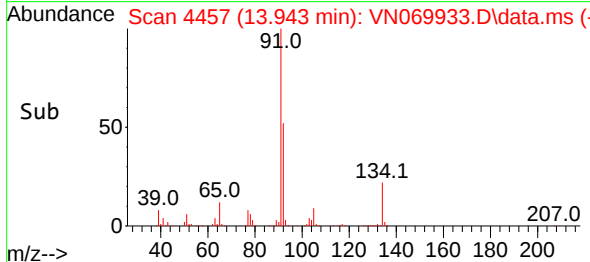
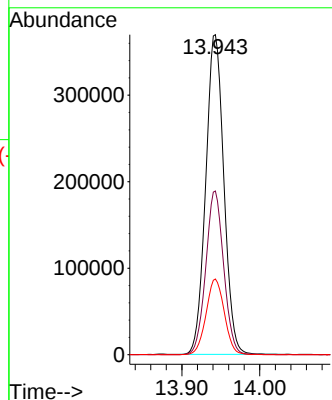
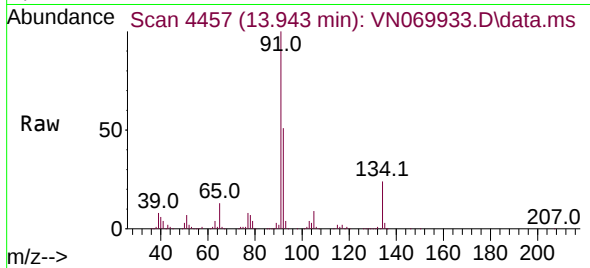
#89
n-Butylbenzene
Concen: 19.312 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion: 91 Resp: 59886
Ion Ratio Lower Upper
91 100
92 50.7 25.4 76.0
134 23.9 13.6 40.8

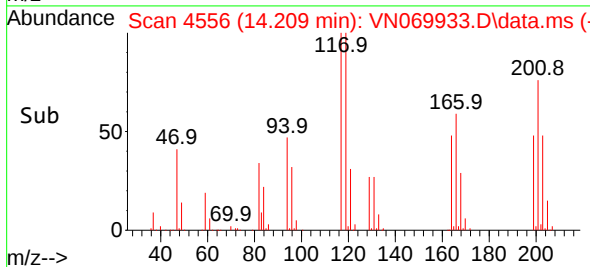
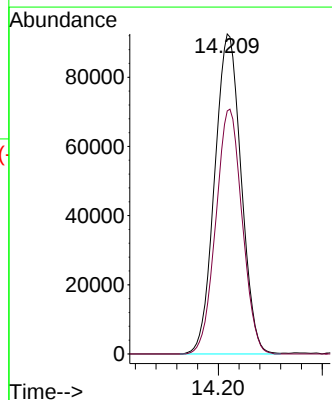
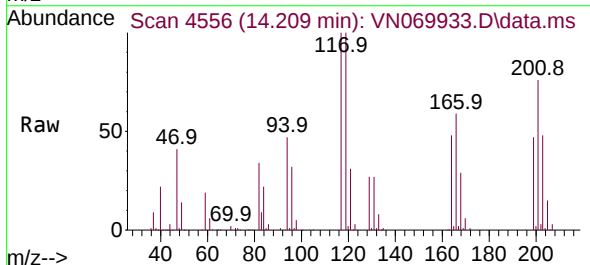
Manual Integrations
APPROVED

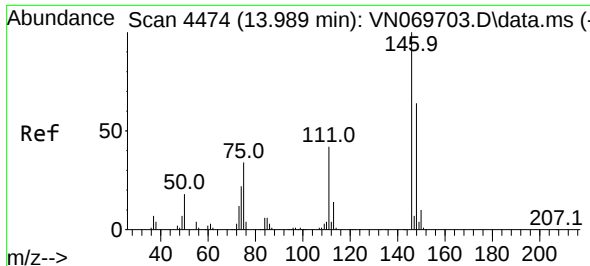
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 24.426 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

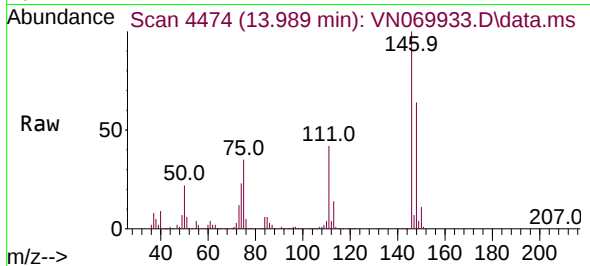
Tgt Ion:117 Resp: 163938
Ion Ratio Lower Upper
117 100
201 76.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.360 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

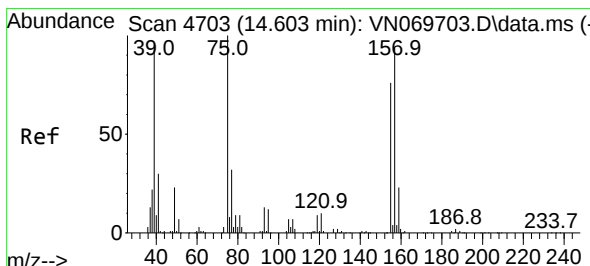
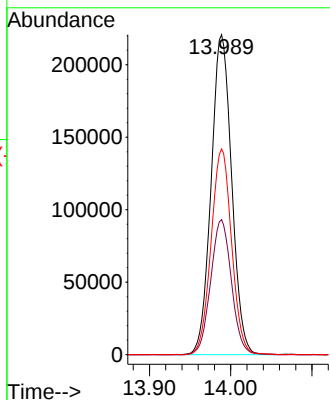
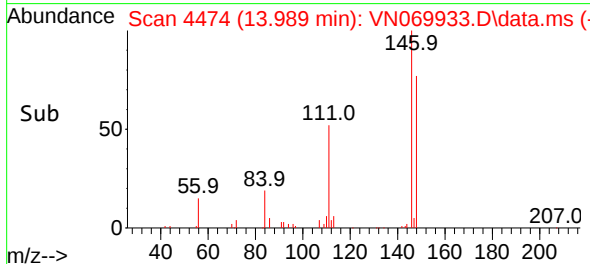
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



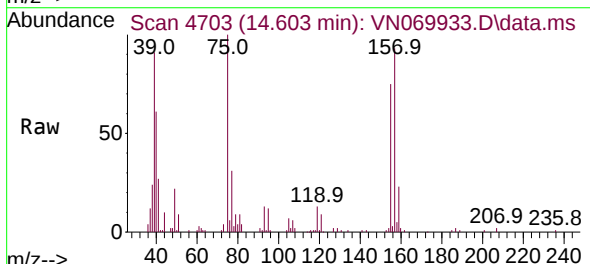
Tgt Ion:146 Resp: 387260
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 64.3 32.1 96.3

Manual Integrations
APPROVED

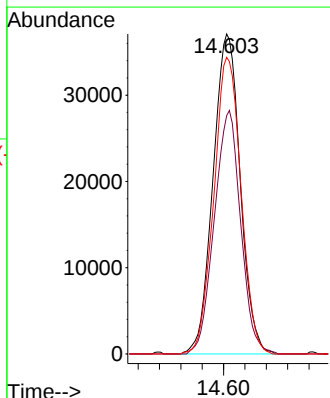
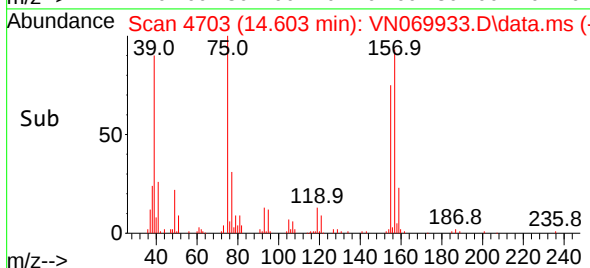
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

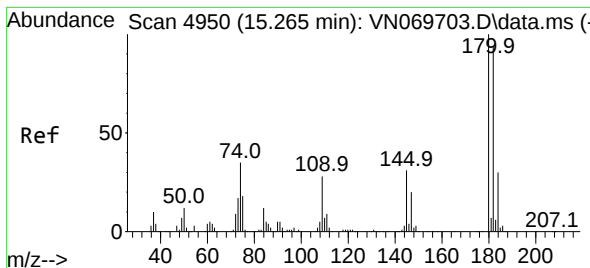


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.697 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



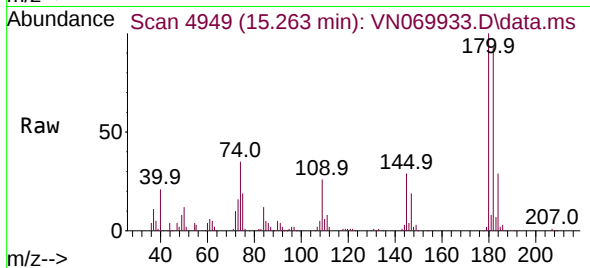
Tgt Ion: 75 Resp: 65428
Ion Ratio Lower Upper
75 100
155 74.0 46.9 140.7
157 92.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.483 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

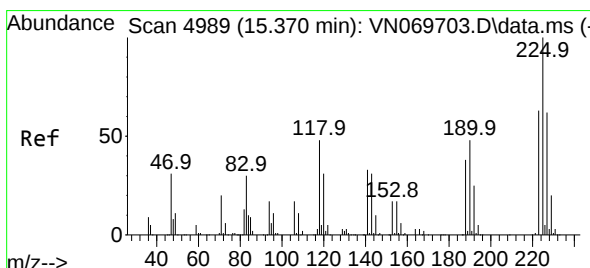
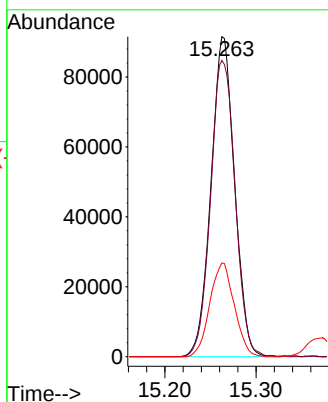
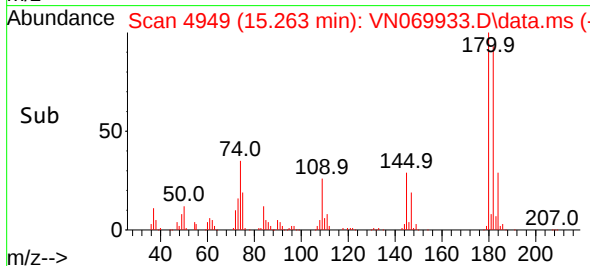
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



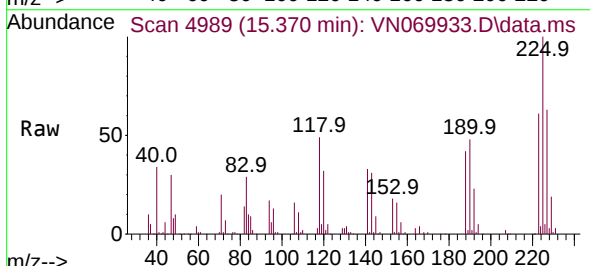
Tgt Ion:180 Resp: 164360
Ion Ratio Lower Upper
180 100
182 96.4 48.3 144.9
145 30.4 14.5 43.5

Manual Integrations
APPROVED

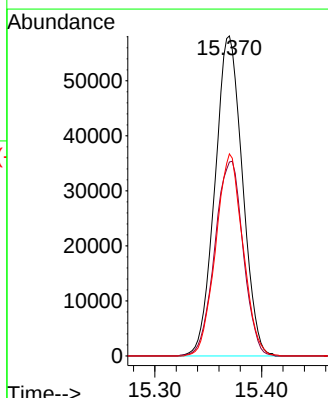
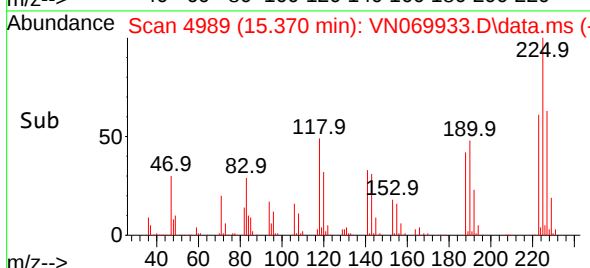
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

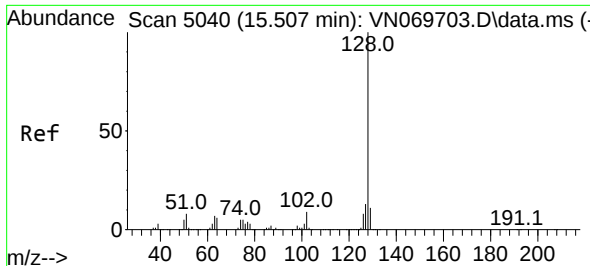


#94
Hexachlorobutadiene
Concen: 20.630 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



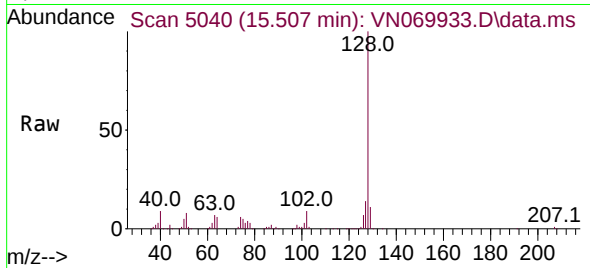
Tgt Ion:225 Resp: 103993
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 62.4 32.1 96.3





#95
Naphthalene
Concen: 18.511 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15

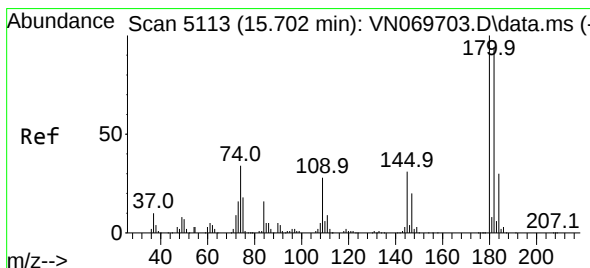
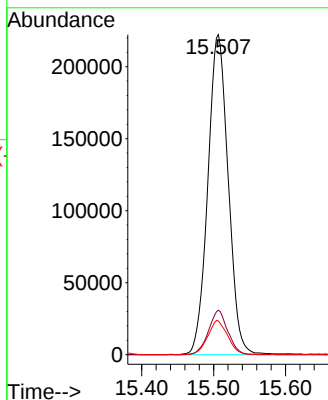
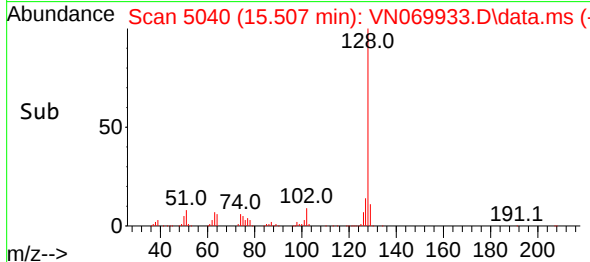
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



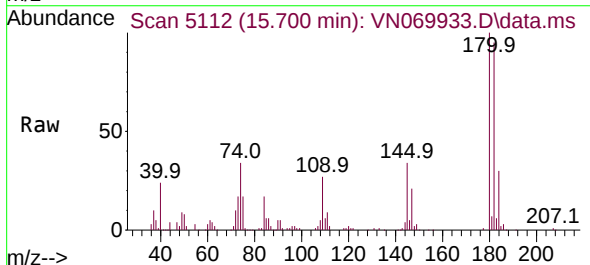
Tgt Ion:128 Resp: 438599
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.419 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069933.D
Acq: 10 Dec 2021 1:15



Tgt Ion:180 Resp: 162322
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 32.9 15.0 45.1

