

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069932.D
 Acq On : 10 Dec 2021 00:49
 Operator : JC/MD
 Sample : VN1209WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS02

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 06:26:24 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	8.086	168	1013683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1704860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1593033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	609943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	803053	51.309	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.620%			
35) Dibromofluoromethane	8.021	113	569250	53.306	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.620%			
50) Toluene-d8	10.440	98	2204569	51.413	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.820%			
62) 4-Bromofluorobenzene	12.731	95	746506	48.056	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	212462	17.970	ug/l	100
3) Chloromethane	2.306	50	261024	17.622	ug/l	100
4) Vinyl Chloride	2.451	62	249379	18.310	ug/l	95
5) Bromomethane	2.864	94	138609	18.733	ug/l	98
6) Chloroethane	3.025	64	156161	18.711	ug/l	99
7) Trichlorofluoromethane	3.381	101	333373	18.650	ug/l	99
8) Diethyl Ether	3.827	74	133527	19.395	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	191758	19.137	ug/l	95
10) Methyl Iodide	4.422	142	231109	16.883	ug/l	98
11) Tert butyl alcohol	5.377	59	217761	73.606	ug/l	99
12) 1,1-Dichloroethene	4.183	96	179197	18.559	ug/l	89
13) Acrolein	4.044	56	243637	96.704	ug/l	97
14) Allyl chloride	4.846	41	416624	19.148	ug/l	93
15) Acrylonitrile	5.559	53	700209	87.833	ug/l	99
16) Acetone	4.288	43	661855	70.298	ug/l	96
17) Carbon Disulfide	4.532	76	493312	19.776	ug/l	99
18) Methyl Acetate	4.859	43	503956	17.733	ug/l	90
19) Methyl tert-butyl Ether	5.621	73	709821	18.906	ug/l	93
20) Methylene Chloride	5.098	84	231381	18.487	ug/l #	85
21) trans-1,2-Dichloroethene	5.599	96	194593	18.555	ug/l	85
22) Diisopropyl ether	6.501	45	847389	19.926	ug/l #	94
23) Vinyl Acetate	6.436	43	3384822	97.832	ug/l #	94
24) 1,1-Dichloroethane	6.391	63	429184	19.482	ug/l	97
25) 2-Butanone	7.337	43	1006929	78.714	ug/l	93
26) 2,2-Dichloropropane	7.327	77	306510	17.895	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	237178	18.718	ug/l	86
28) Bromochloromethane	7.656	49	242332	21.154	ug/l #	75
29) Tetrahydrofuran	7.686	42	670703	86.345	ug/l	87
30) Chloroform	7.820	83	433943	19.505	ug/l	99
31) Cyclohexane	8.094	56	407144	18.693	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	369952	19.521	ug/l	95
36) 1,1-Dichloropropene	8.222	75	304357	18.753	ug/l	96
37) Ethyl Acetate	7.415	43	407045	16.851	ug/l	94
38) Carbon Tetrachloride	8.206	117	320709	20.151	ug/l	100
39) Methylcyclohexane	9.459	83	338727	17.546	ug/l	89
40) Benzene	8.461	78	929351	18.734	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	209913	18.512	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	375087	18.730	ug/l	96
43) Isopropyl Acetate	8.560	43	647387	18.110	ug/l #	93
44) Trichloroethene	9.217	130	217183	18.343	ug/l	92
45) 1,2-Dichloropropane	9.488	63	254558	19.109	ug/l	100
46) Dibromomethane	9.577	93	166569	19.065	ug/l	93
47) Bromodichloromethane	9.762	83	347923	21.033	ug/l	100
48) Methyl methacrylate	9.561	41	294766	17.669	ug/l	89
49) 1,4-Dioxane	9.571	88	84191	281.266	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2062670	88.947	ug/l	94
52) Toluene	10.505	92	564483	18.638	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	336171	18.744	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	368103	18.921	ug/l	88
55) 1,1,2-Trichloroethane	10.896	97	228362	18.688	ug/l	95
56) Ethyl methacrylate	10.762	69	365806	17.421	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	401246	18.648	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	376289	74.377	ug/l	90
59) 2-Hexanone	11.084	43	1400702	79.846	ug/l	92
60) Dibromochloromethane	11.237	129	247105	20.352	ug/l	100
61) 1,2-Dibromoethane	11.344	107	227711	17.991	ug/l	100
64) Tetrachloroethene	10.977	164	190223	17.610	ug/l	96
65) Chlorobenzene	11.771	112	587557	18.181	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	230047	20.224	ug/l	99
67) Ethyl Benzene	11.843	91	1062940	18.107	ug/l	95
68) m/p-Xylenes	11.953	106	770404	36.043	ug/l	92
69) o-Xylene	12.280	106	380499	17.673	ug/l	91
70) Styrene	12.294	104	617074	18.075	ug/l	96
71) Bromoform	12.457	173	179774	20.200	ug/l #	99
73) Isopropylbenzene	12.578	105	1000146	18.430	ug/l	98
74) N-amyl acetate	12.387	43	399976	16.666	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.825	83	351021	18.705	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	332827m	19.028	ug/l	
77) Bromobenzene	12.860	156	230152	18.056	ug/l	78
78) n-propylbenzene	12.921	91	1097414	18.173	ug/l	96
79) 2-Chlorotoluene	13.007	91	696360	18.250	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	812442	18.600	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	88212	19.226	ug/l	94
82) 4-Chlorotoluene	13.104	91	639374	17.818	ug/l	93
83) tert-Butylbenzene	13.323	119	696383	18.005	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	789092	18.969	ug/l	97
85) sec-Butylbenzene	13.500	105	937576	17.872	ug/l	98
86) p-Isopropyltoluene	13.616	119	733643	17.891	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	368696	17.607	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	352756	17.141	ug/l	96
89) n-Butylbenzene	13.943	91	544947	16.382	ug/l	98
90) Hexachloroethane	14.209	117	157350	21.855	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	363126	17.797	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	60315	17.787	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	147000	16.722	ug/l	98
94) Hexachlorobutadiene	15.370	225	94910	17.552	ug/l	98
95) Naphthalene	15.507	128	372187	15.476	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	143153	16.399	ug/l	98

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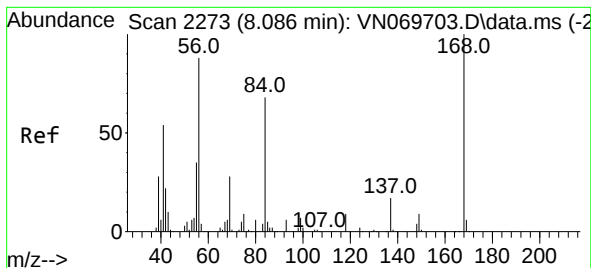
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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



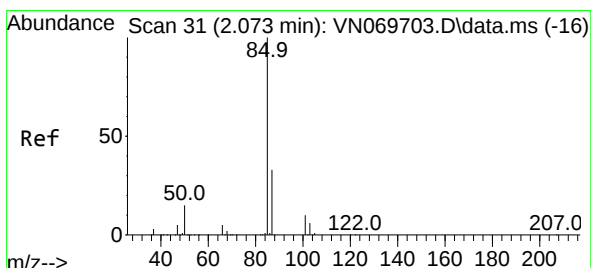
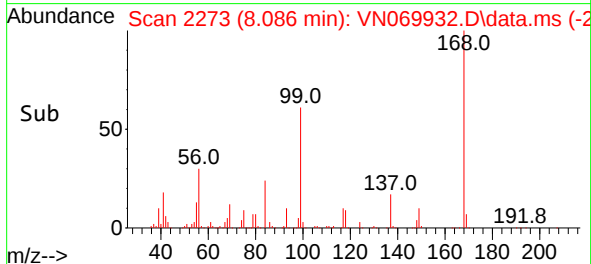
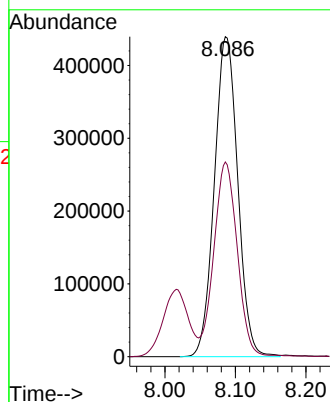
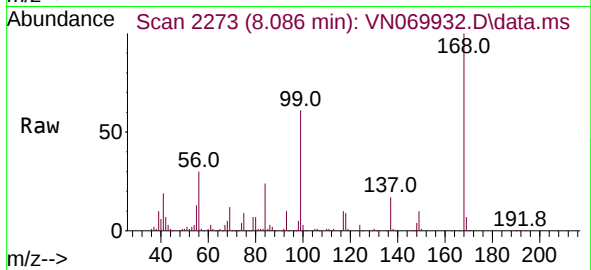
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 101368
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

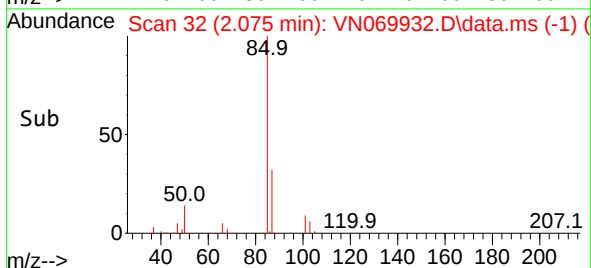
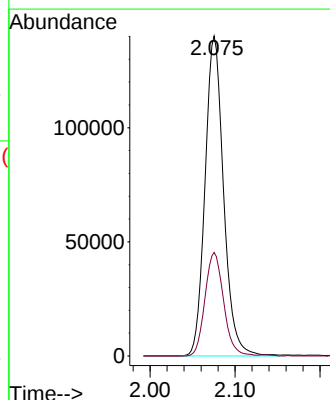
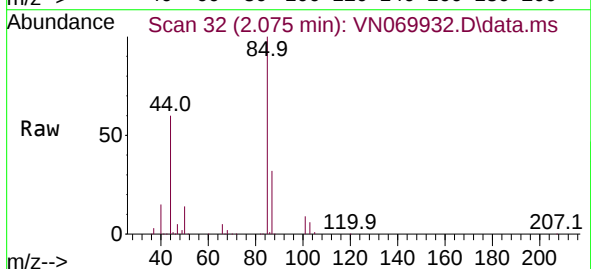
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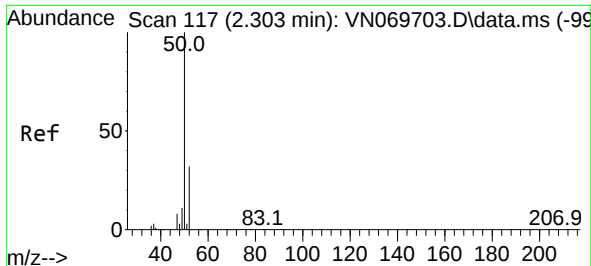
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#2
Dichlorodifluoromethane
Concen: 17.970 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

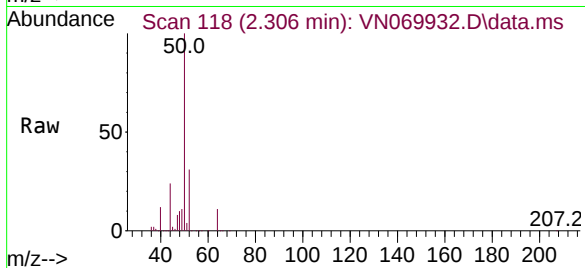
Tgt Ion: 85 Resp: 212462
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 17.622 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

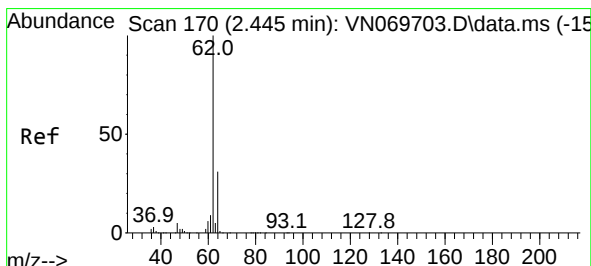
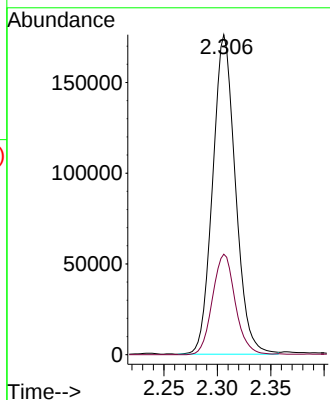
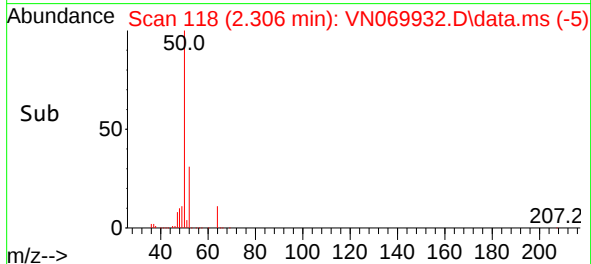
Instrument :
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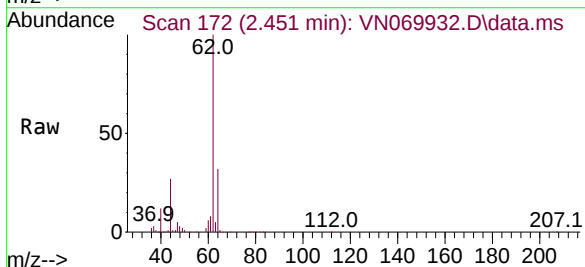
Tgt Ion: 50 Resp: 261024
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

Manual Integrations
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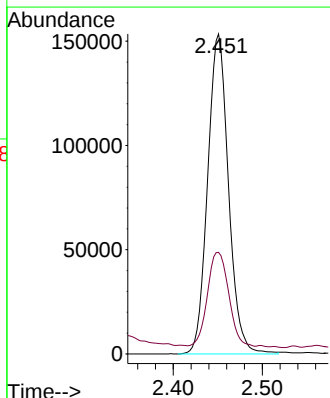
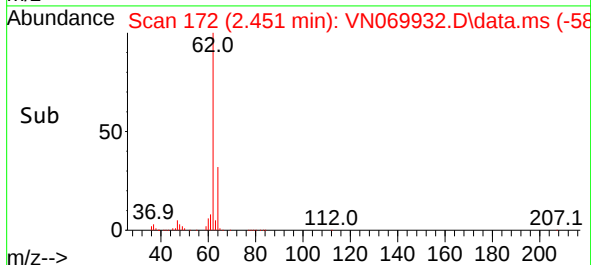
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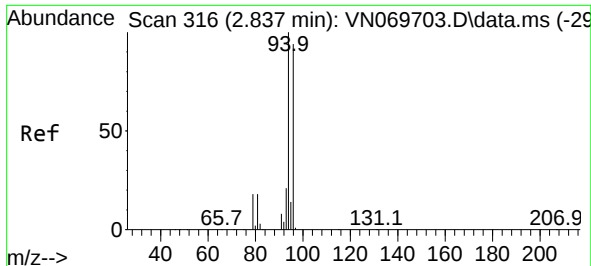


#4
Vinyl Chloride
Concen: 18.310 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.005 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49



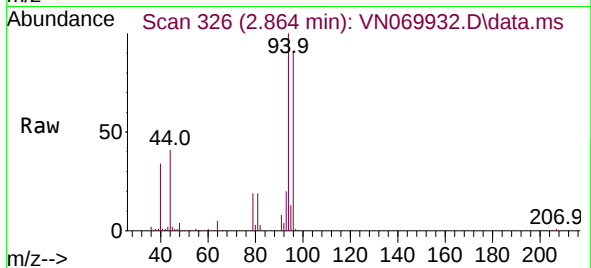
Tgt Ion: 62 Resp: 249379
Ion Ratio Lower Upper
62 100
64 29.6 25.8 38.6





#5
Bromomethane
Concen: 18.733 ug/l
RT: 2.864 min Scan# 316
Delta R.T. 0.027 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

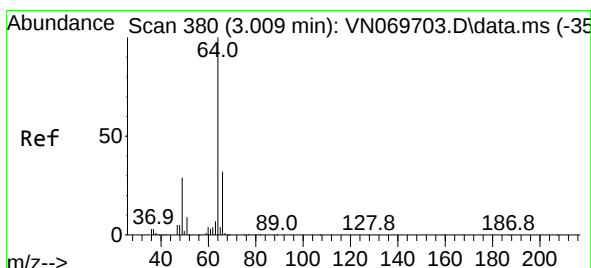
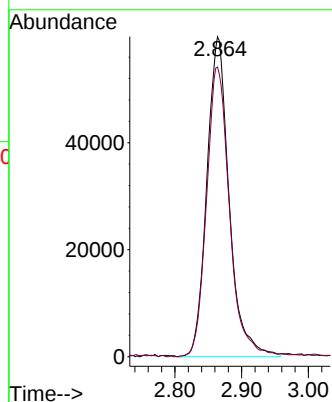
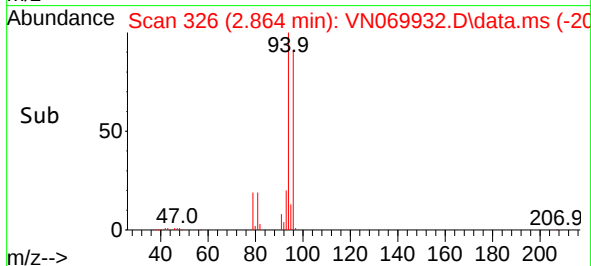
Instrument :
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Tgt Ion: 94 Resp: 138609
Ion Ratio Lower Upper
94 100
96 90.2 73.8 110.8

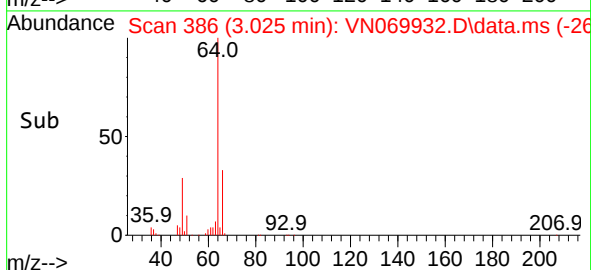
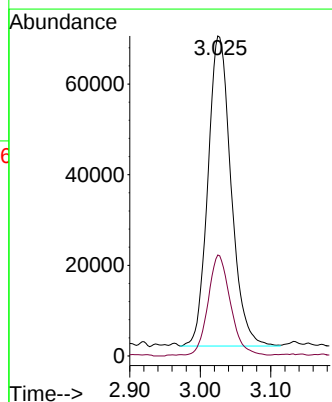
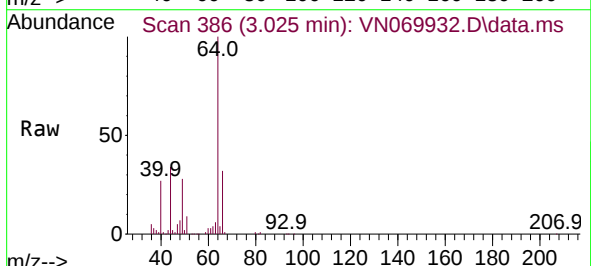
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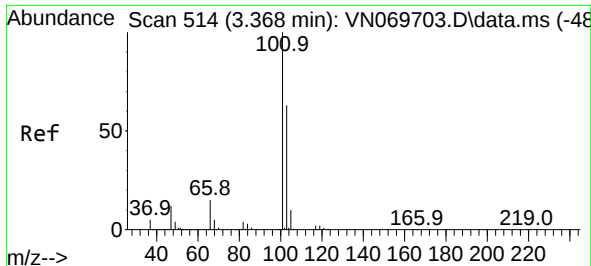
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#6
Chloroethane
Concen: 18.711 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.016 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 64 Resp: 156161
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





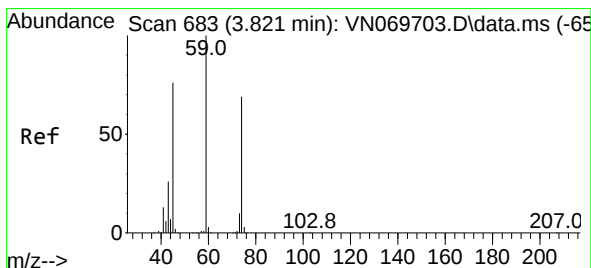
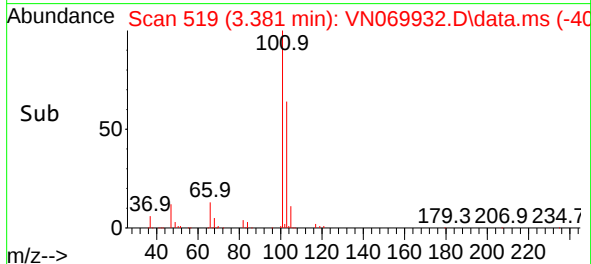
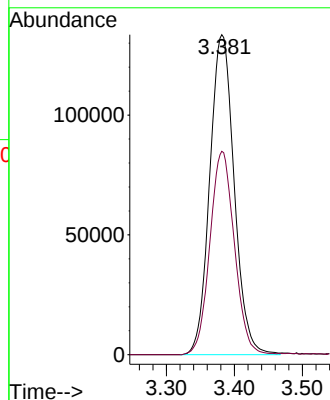
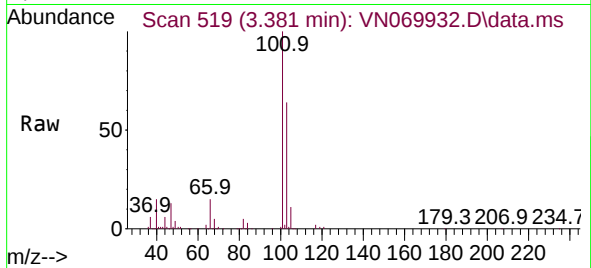
#7
Trichlorofluoromethane
Concen: 18.650 ug/l
RT: 3.381 min Scan# 514
Delta R.T. 0.013 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
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Tgt Ion:101 Resp: 33337
Ion Ratio Lower Upper
101 100
103 63.6 50.1 75.1

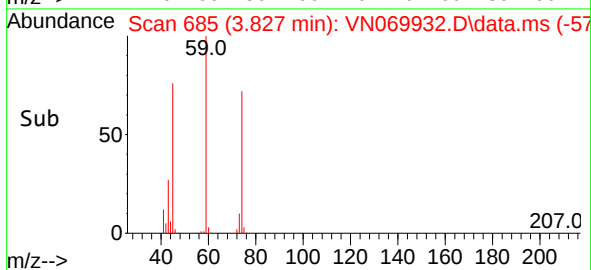
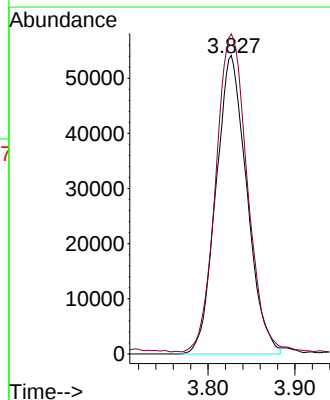
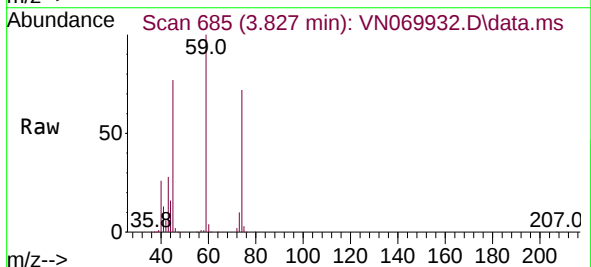
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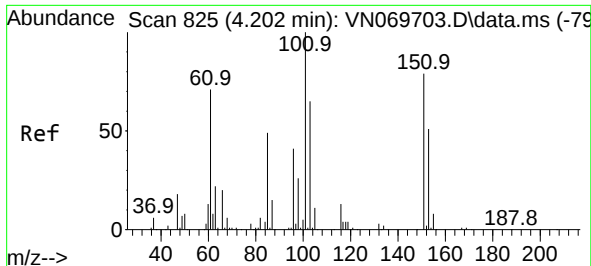
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#8
Diethyl Ether
Concen: 19.395 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.005 min
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Tgt Ion: 74 Resp: 133527
Ion Ratio Lower Upper
74 100
45 108.9 47.0 141.2





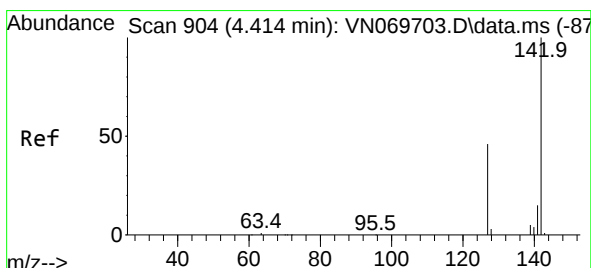
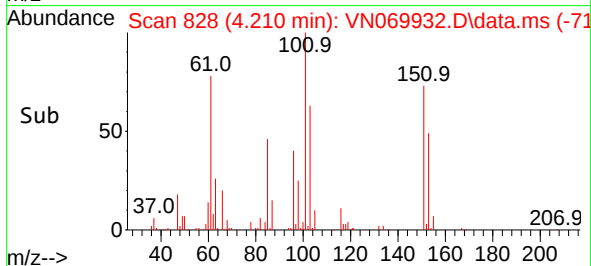
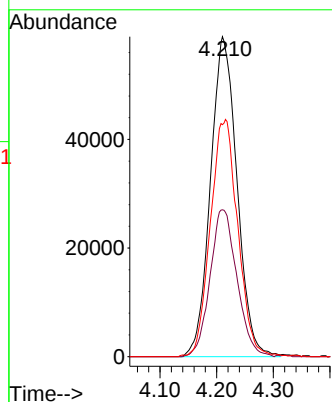
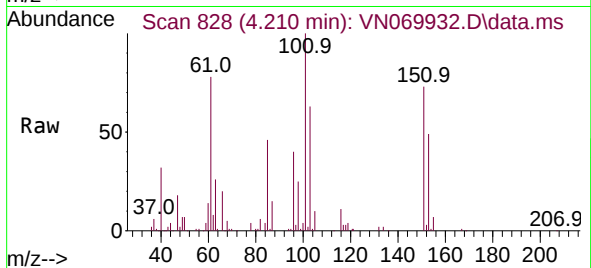
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.137 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:101 Resp: 191758
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 75.1 65.9 98.9

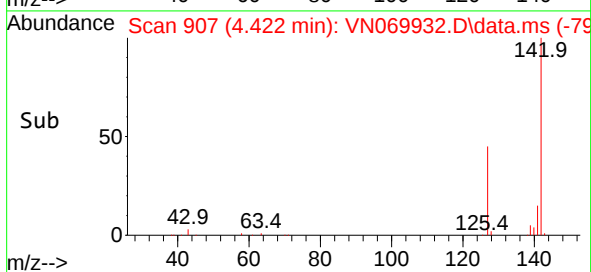
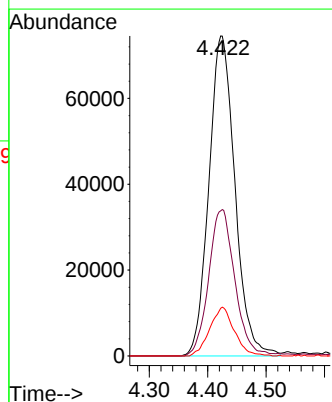
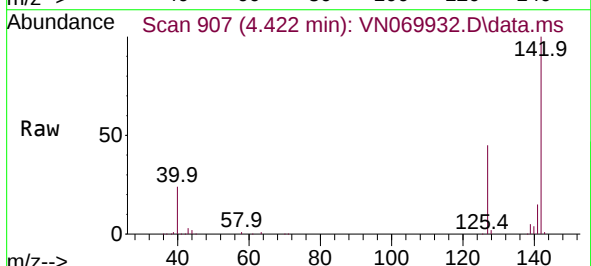
Manual Integrations
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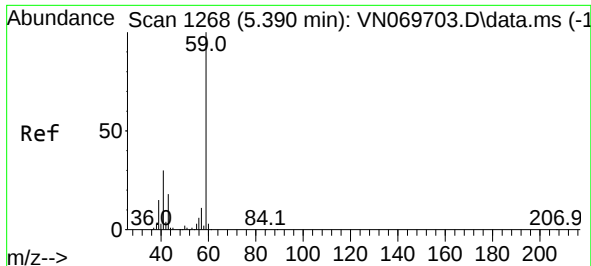
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 16.883 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

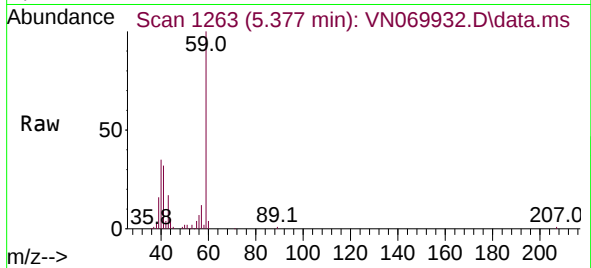
Tgt Ion:142 Resp: 231109
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 73.606 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

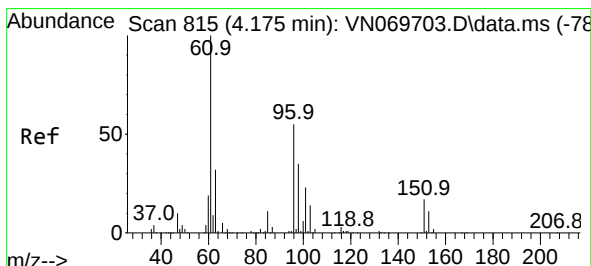
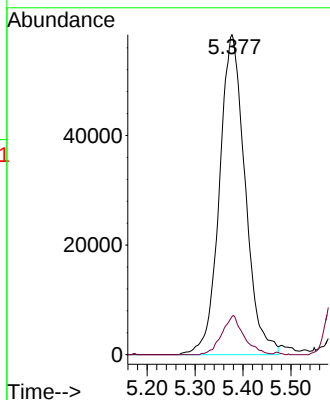
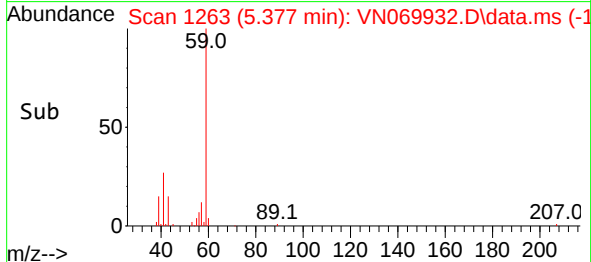
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



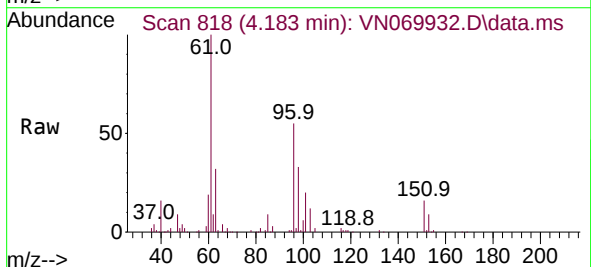
Tgt Ion: 59 Resp: 21776
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

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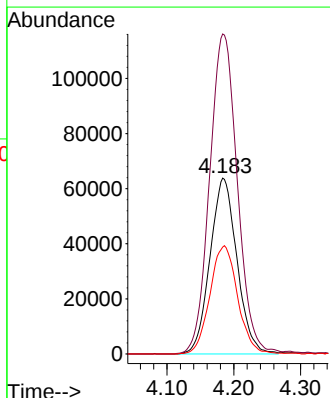
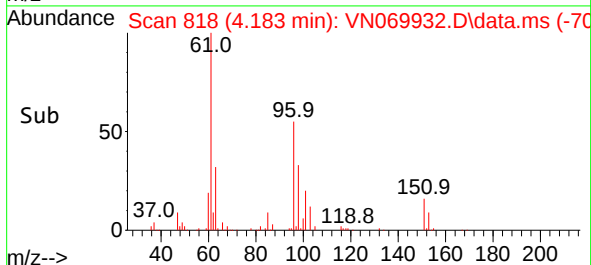
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 18.559 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49



Tgt Ion: 96 Resp: 179197
Ion Ratio Lower Upper
96 100
61 181.7 131.0 196.6
98 60.8 52.4 78.6





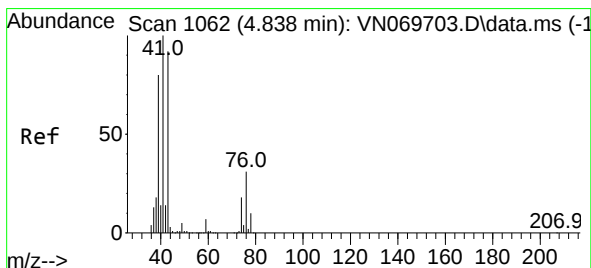
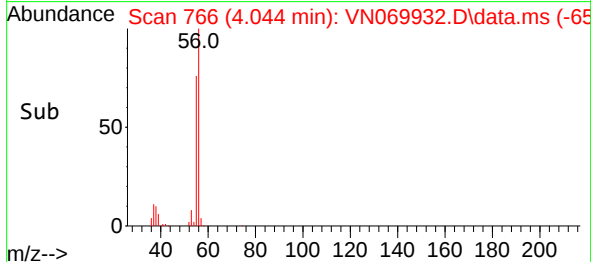
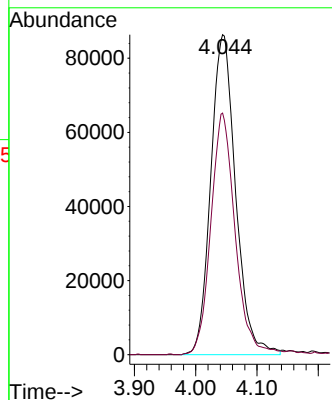
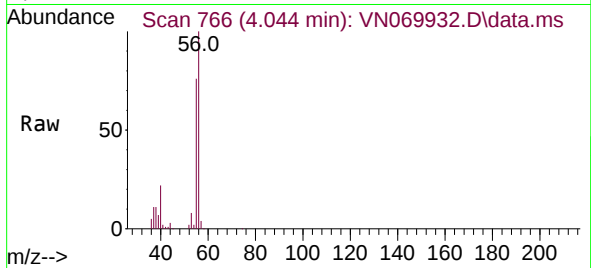
#13
Acrolein
Concen: 96.704 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 56 Resp: 24363
Ion Ratio Lower Upper
56 100
55 73.6 56.6 85.0

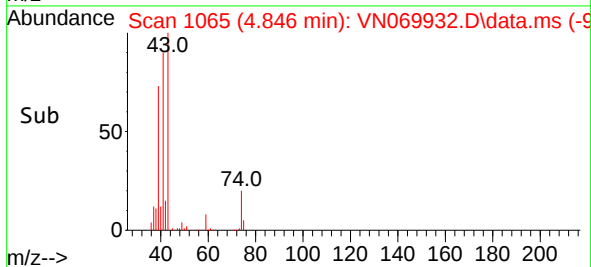
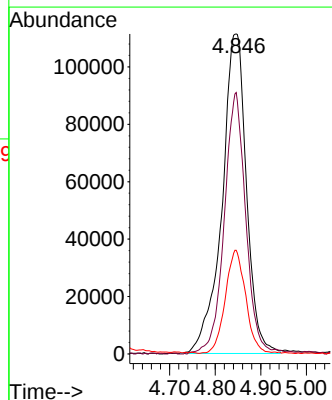
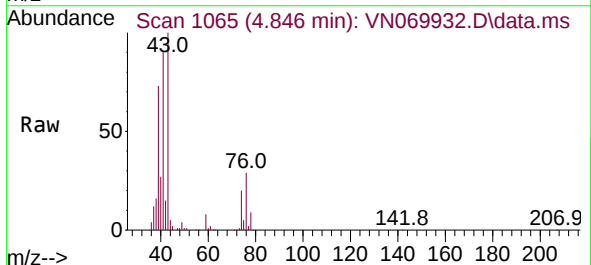
Manual Integrations
APPROVED

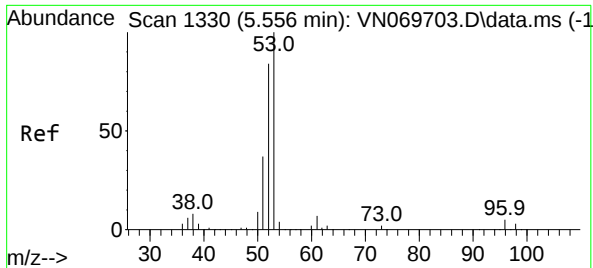
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#14
Allyl chloride
Concen: 19.148 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.008 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

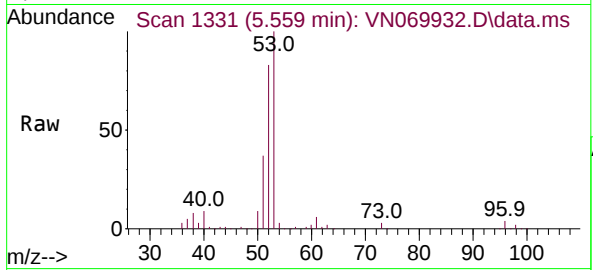
Tgt Ion: 41 Resp: 416624
Ion Ratio Lower Upper
41 100
39 71.2 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 87.833 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

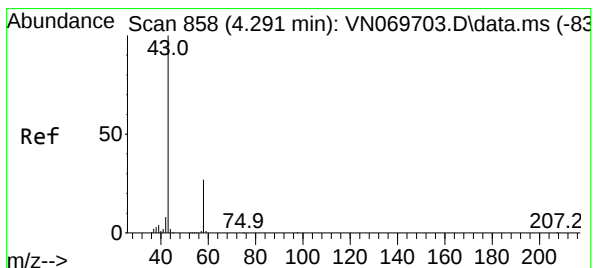
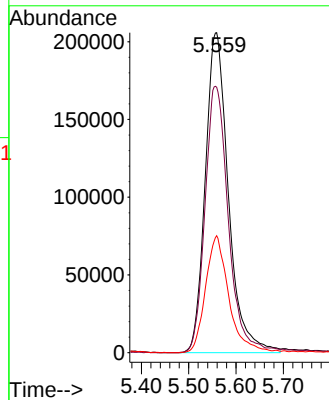
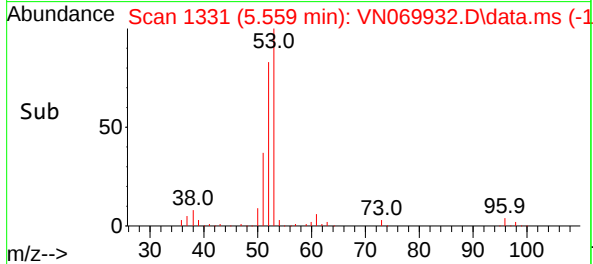
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 53 Resp: 700209
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 36.7 29.6 44.4

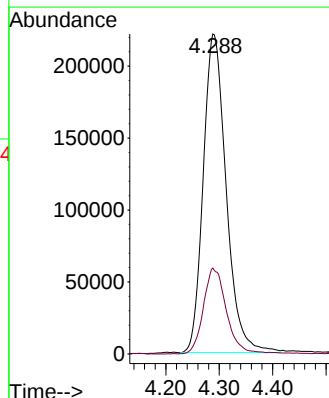
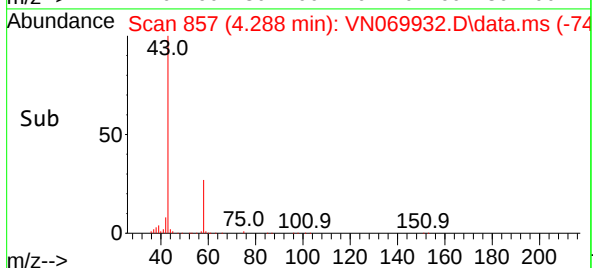
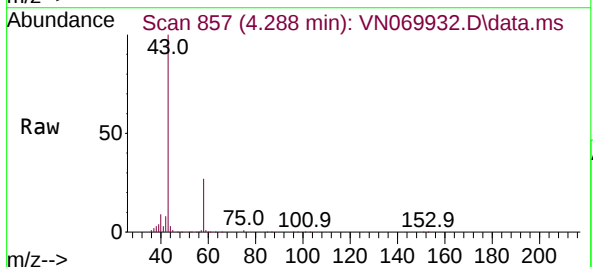
Manual Integrations
APPROVED

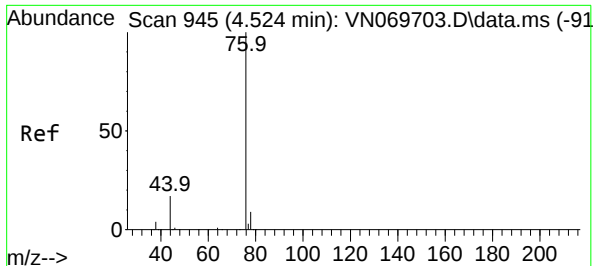
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#16
Acetone
Concen: 70.298 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

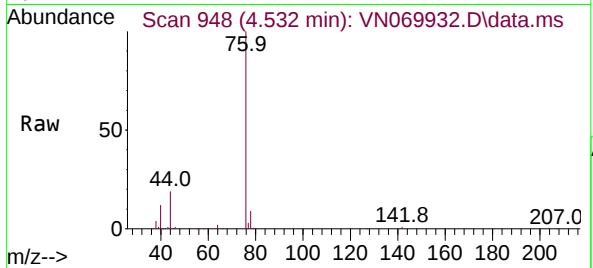
Tgt Ion: 43 Resp: 661855
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#17
Carbon Disulfide
Concen: 19.776 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

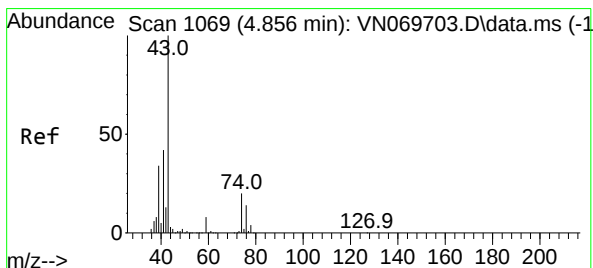
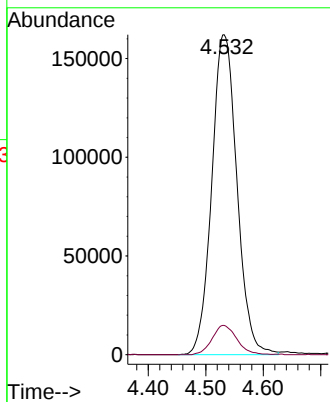
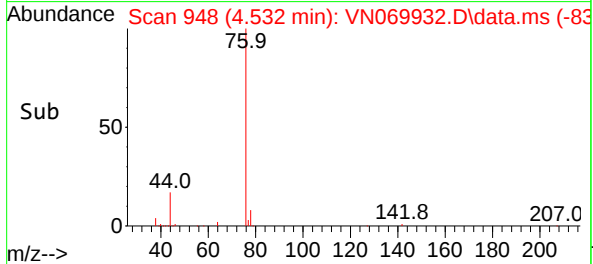
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



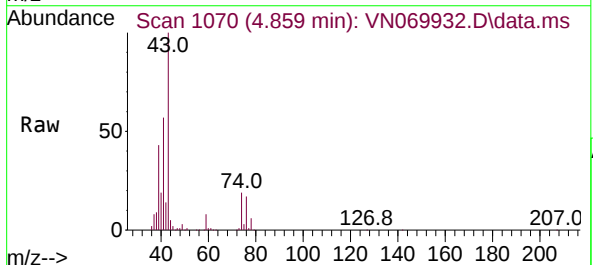
Tgt Ion: 76 Resp: 493312
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
APPROVED

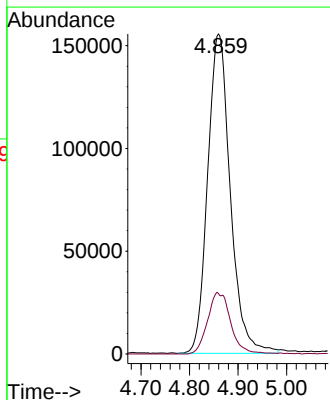
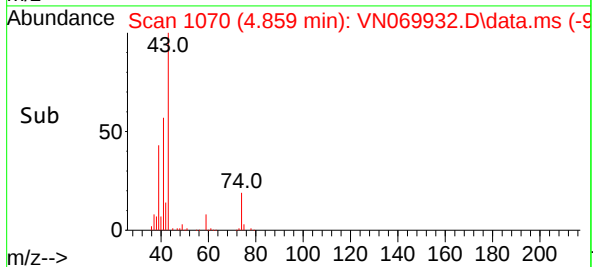
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

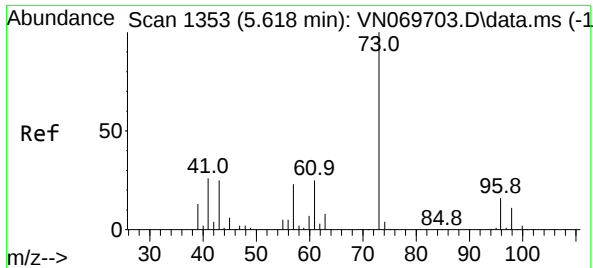


#18
Methyl Acetate
Concen: 17.733 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49



Tgt Ion: 43 Resp: 503956
Ion Ratio Lower Upper
43 100
74 19.6 19.4 29.2





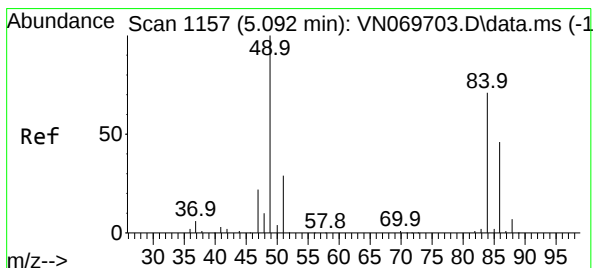
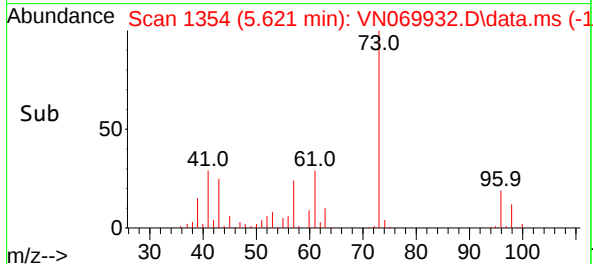
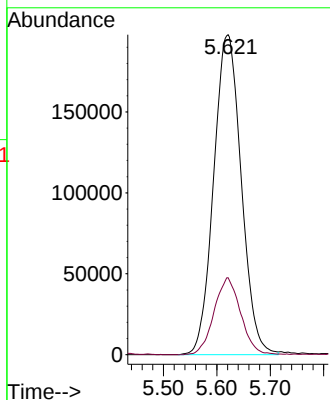
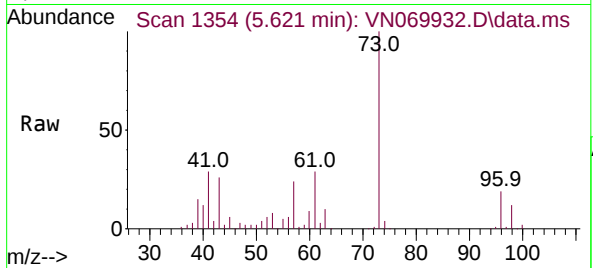
#19
Methyl tert-butyl Ether
Concen: 18.906 ug/l
RT: 5.621 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 73 Resp: 70982
Ion Ratio Lower Upper
73 100
57 24.1 16.8 25.2

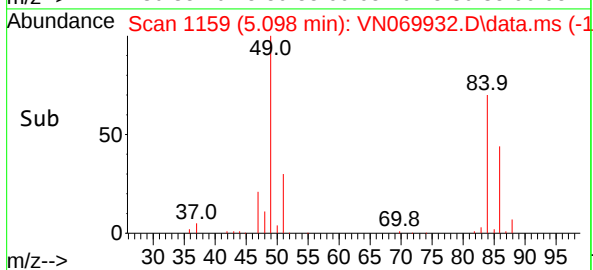
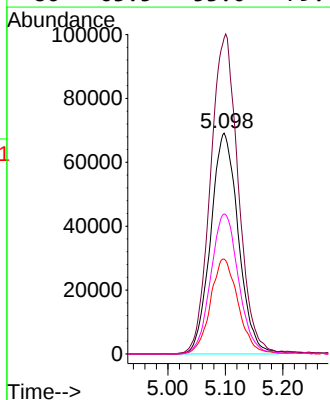
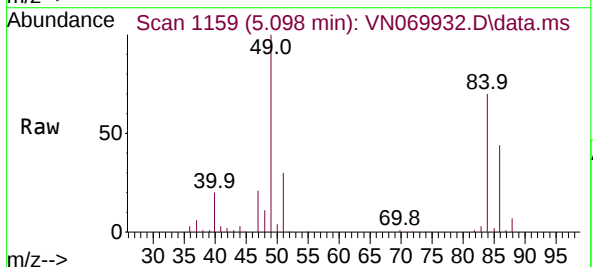
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 18.487 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

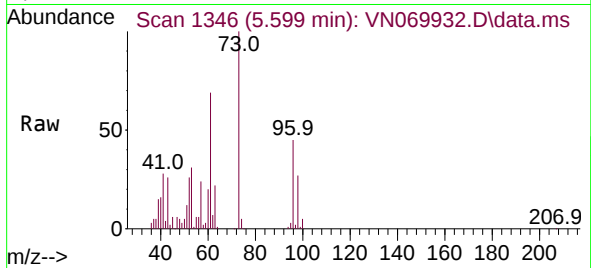
Tgt Ion: 84 Resp: 231381
Ion Ratio Lower Upper
84 100
49 142.9 93.5 140.3#
51 43.0 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.555 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

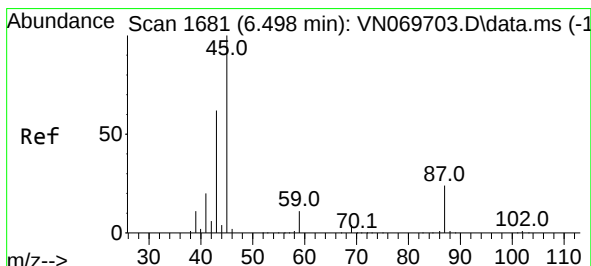
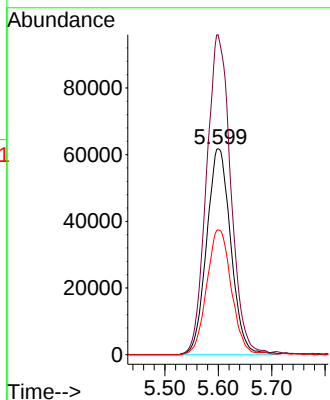
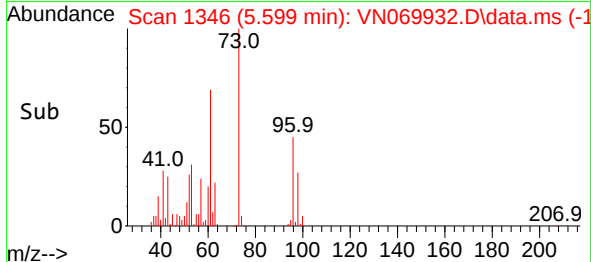
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 96 Resp: 19459
Ion Ratio Lower Upper
96 100
61 155.4 105.8 158.6
98 60.6 52.0 78.0

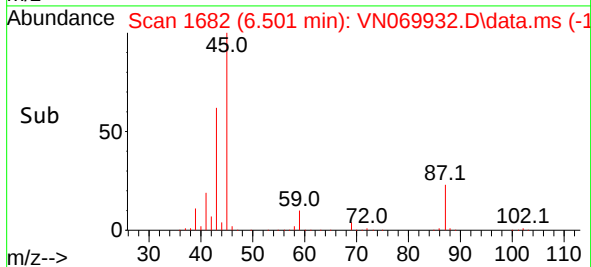
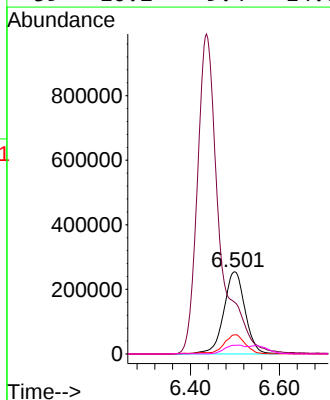
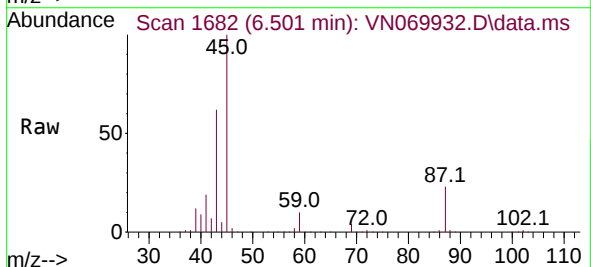
Manual Integrations
APPROVED

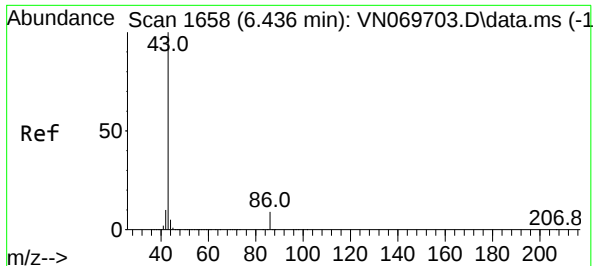
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 19.926 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 45 Resp: 847389
Ion Ratio Lower Upper
45 100
43 61.4 51.7 77.5
87 23.1 23.2 34.8#
59 10.2 9.4 14.0





#23

Vinyl Acetate

Concen: 97.832 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion: 43 Resp: 338482

Ion Ratio Lower Upper

43 100

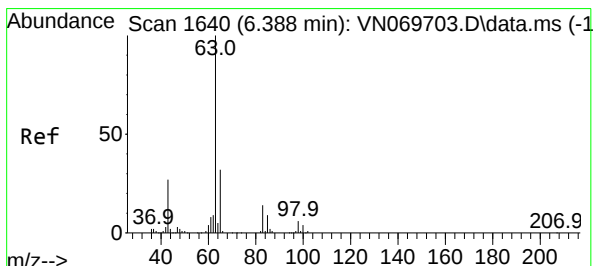
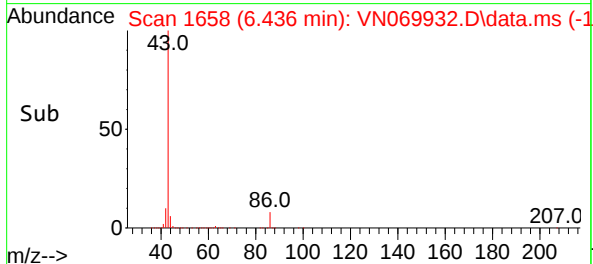
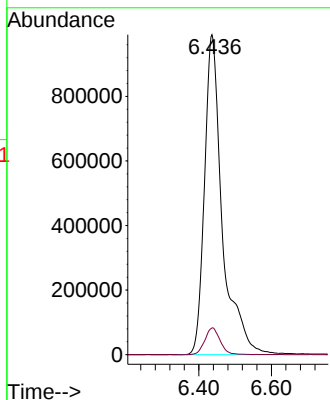
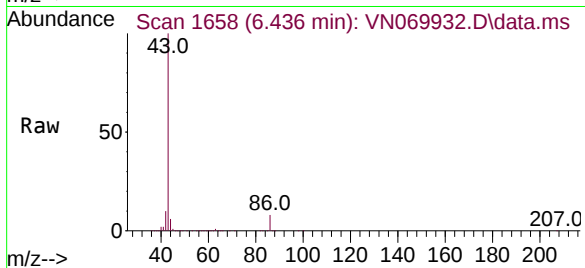
86 8.4 8.5 12.7

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: 19.482 ug/l

RT: 6.391 min Scan# 1641

Delta R.T. 0.003 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

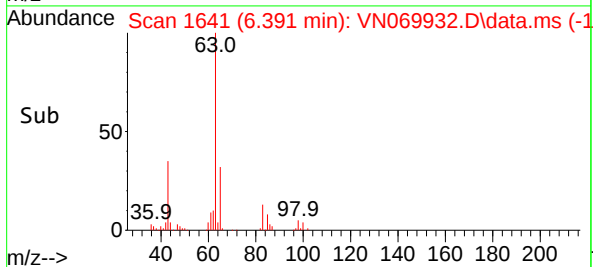
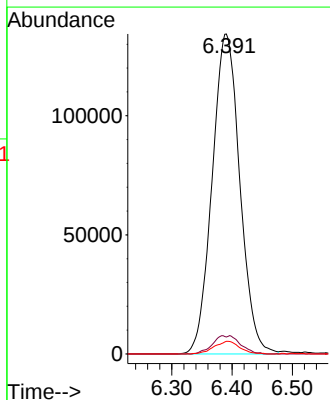
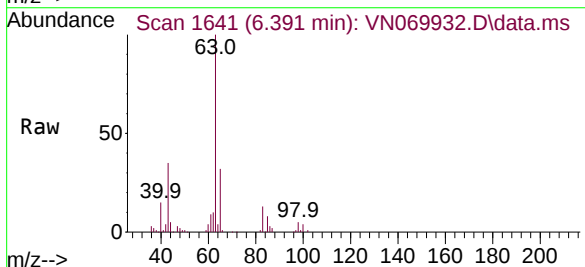
Tgt Ion: 63 Resp: 429184

Ion Ratio Lower Upper

63 100

98 5.3 3.3 9.9

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 78.714 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion: 43 Resp: 1006929

Ion Ratio Lower Upper

43 100

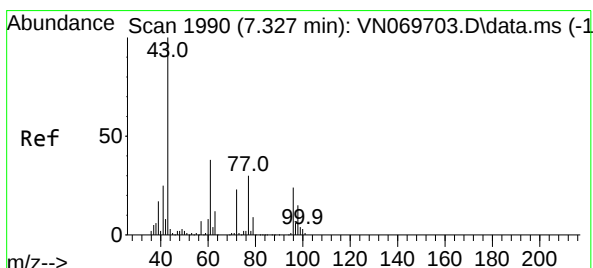
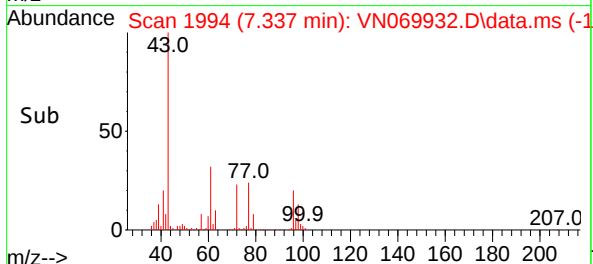
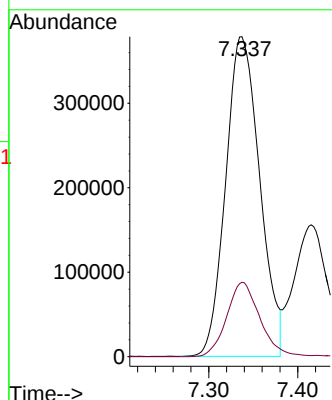
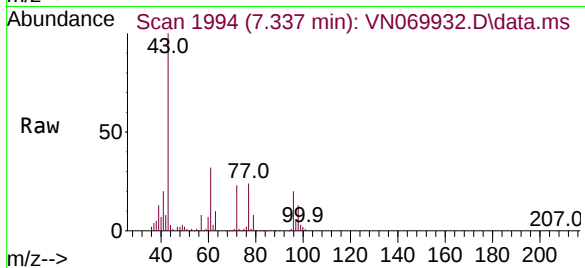
72 23.3 21.7 32.5

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: 17.895 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069932.D

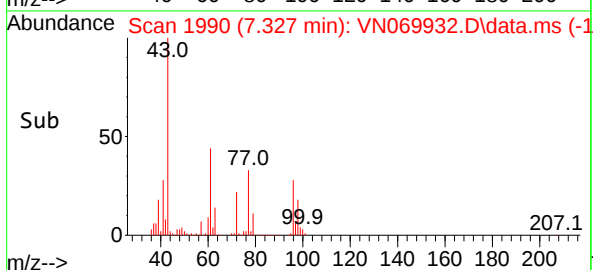
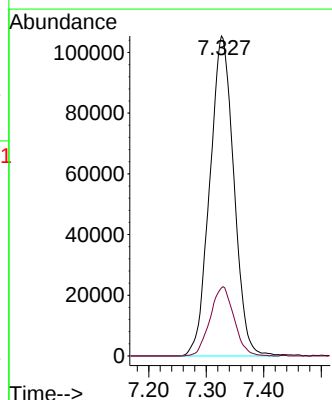
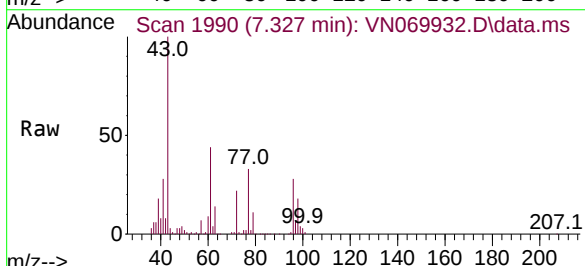
Acq: 10 Dec 2021 00:49

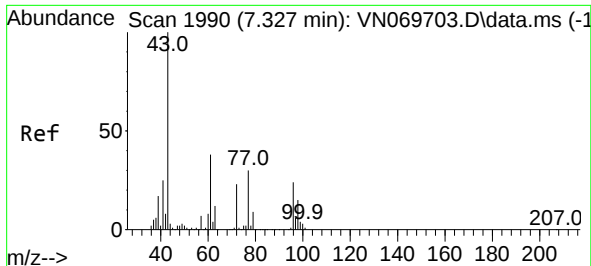
Tgt Ion: 77 Resp: 306510

Ion Ratio Lower Upper

77 100

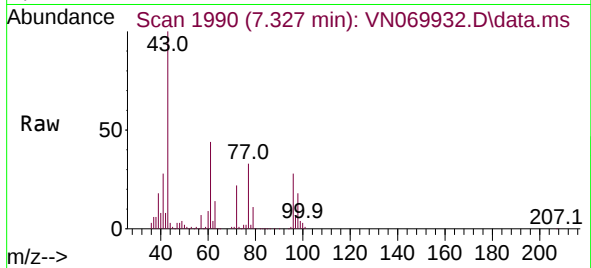
97 21.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.718 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069932.D
 Acq: 10 Dec 2021 00:49

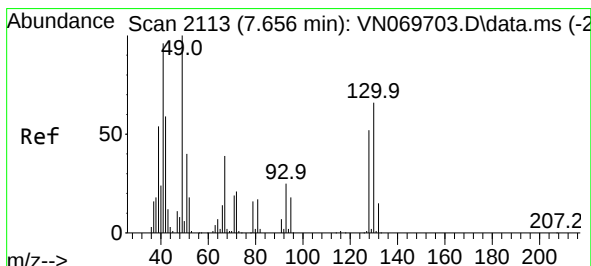
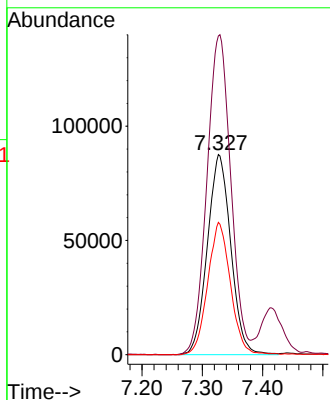
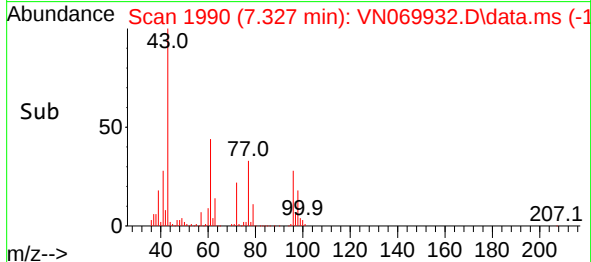
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS02



Tgt Ion: 96 Resp: 237178
 Ion Ratio Lower Upper
 96 100
 61 162.5 0.0 275.0
 98 64.0 0.0 129.6

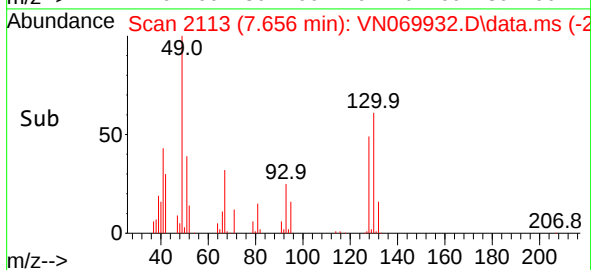
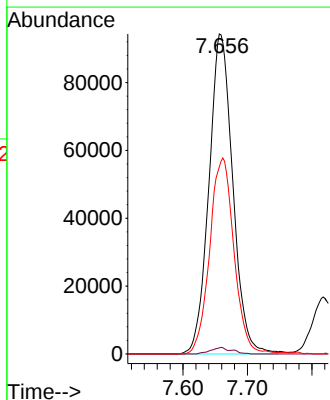
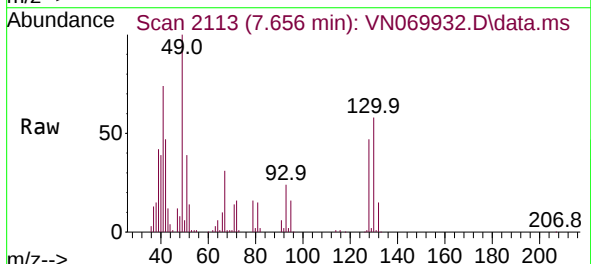
Manual Integrations
 APPROVED

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



#28
 Bromochloromethane
 Concen: 21.154 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069932.D
 Acq: 10 Dec 2021 00:49

Tgt Ion: 49 Resp: 242332
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 61.9 67.8 101.8#





#29

Tetrahydrofuran

Concen: 86.345 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion: 42 Resp: 67070

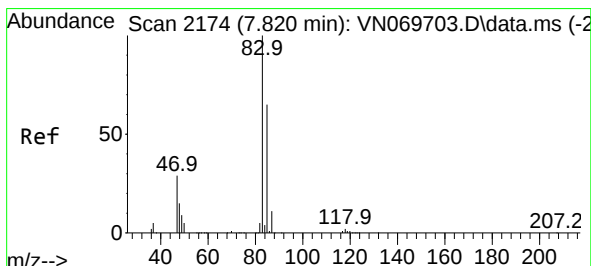
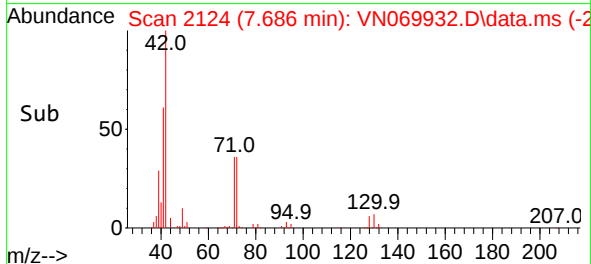
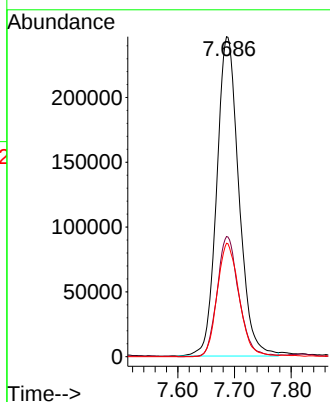
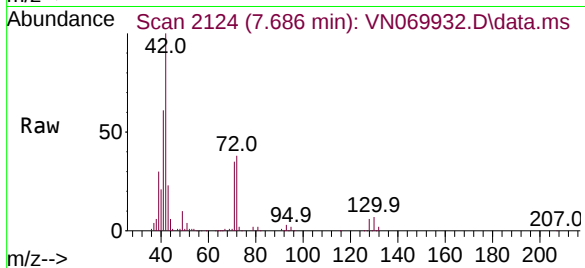
Ion	Ratio	Lower	Upper
42	100		
72	36.8	36.3	54.5
71	35.3	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 19.505 ug/l

RT: 7.820 min Scan# 2174

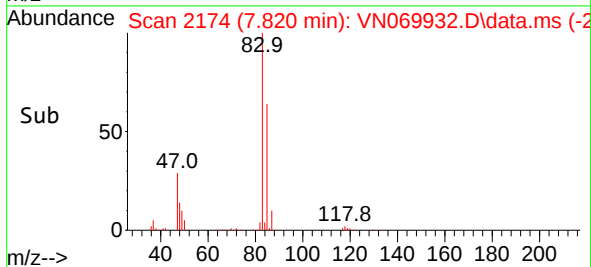
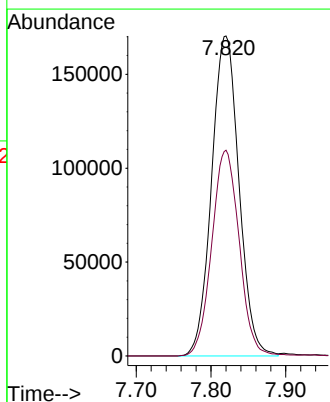
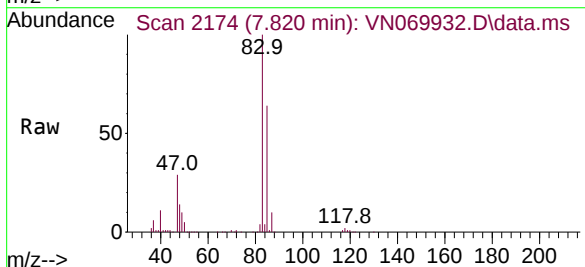
Delta R.T. 0.000 min

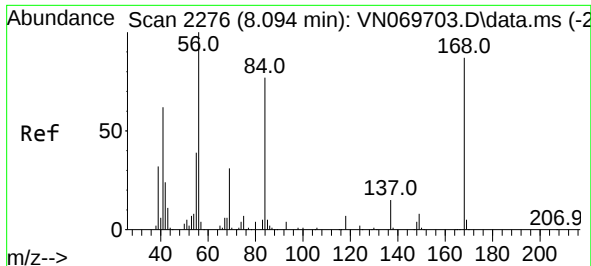
Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Tgt Ion: 83 Resp: 433943

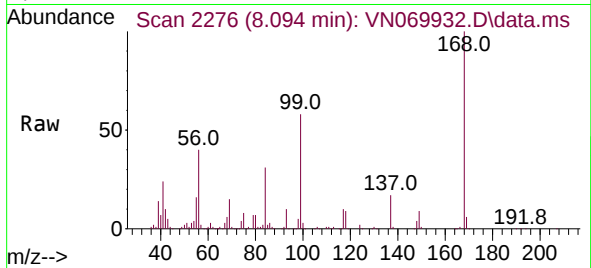
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.9	77.9





#31
Cyclohexane
Concen: 18.693 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

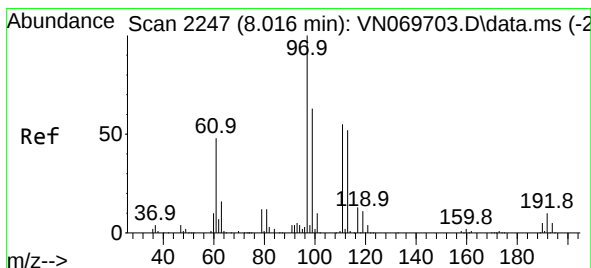
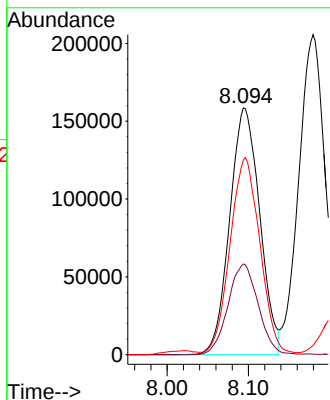
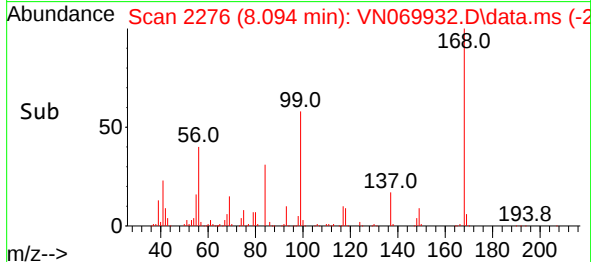
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 56 Resp: 407144
Ion Ratio Lower Upper
56 100
69 36.8 27.1 40.7
84 77.4 73.4 110.0

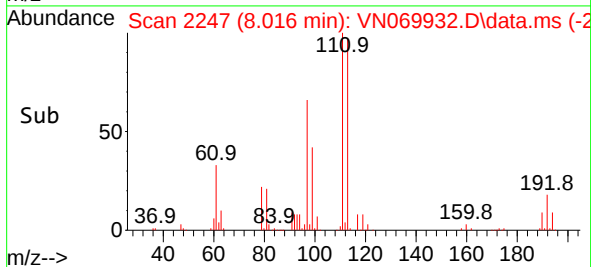
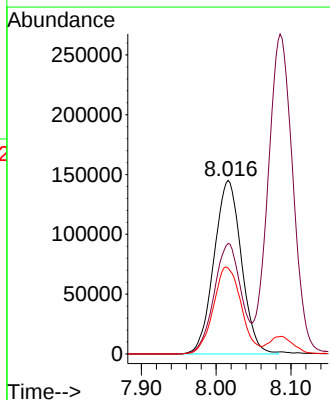
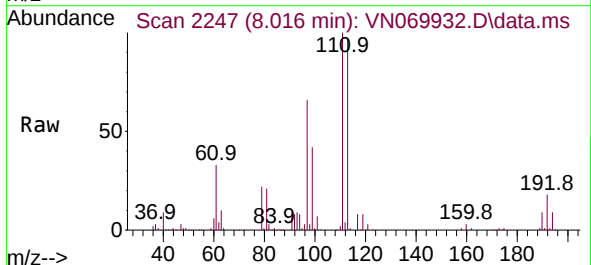
Manual Integrations
APPROVED

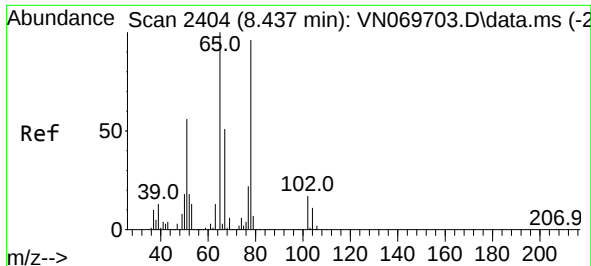
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 19.521 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 97 Resp: 369952
Ion Ratio Lower Upper
97 100
99 62.8 50.1 75.1
61 51.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.309 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion: 65 Resp: 80305

Ion Ratio Lower Upper

65 100

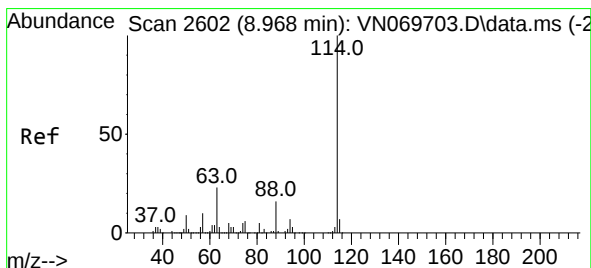
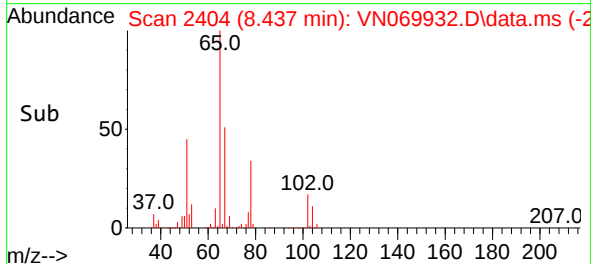
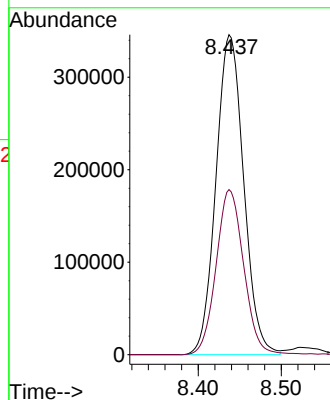
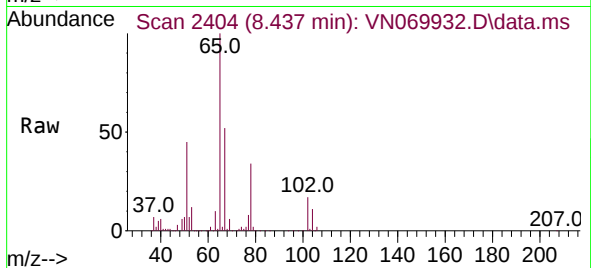
67 51.3 0.0 103.0

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: VN069932.D

Acq: 10 Dec 2021 00:49

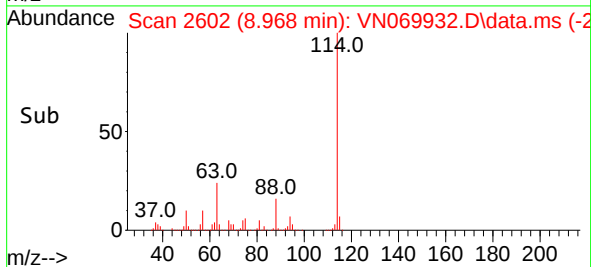
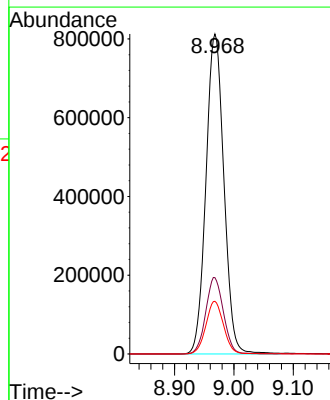
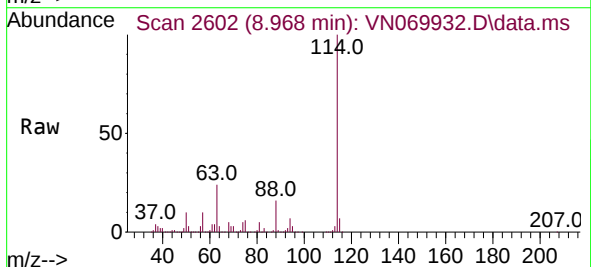
Tgt Ion:114 Resp: 1704860

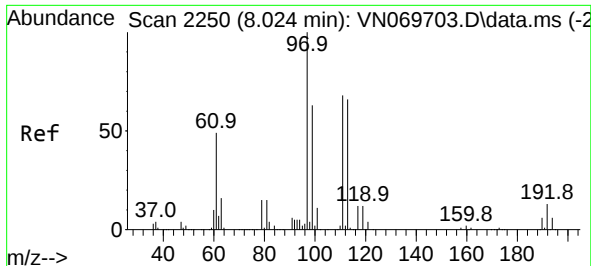
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

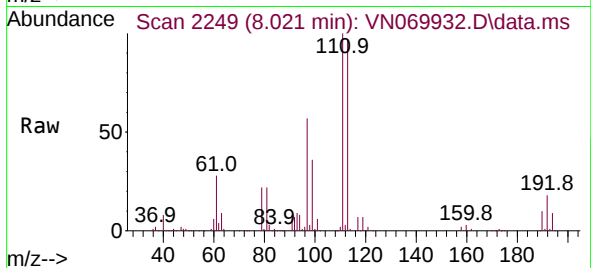
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.306 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

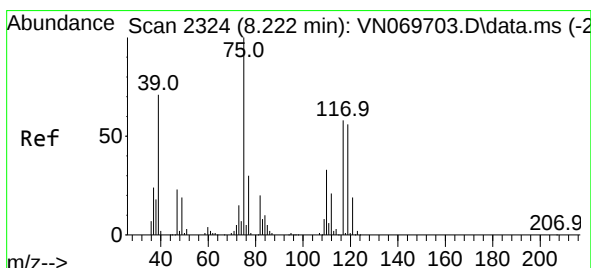
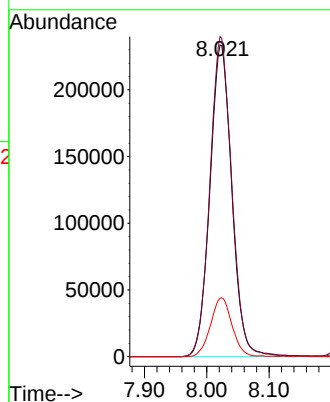
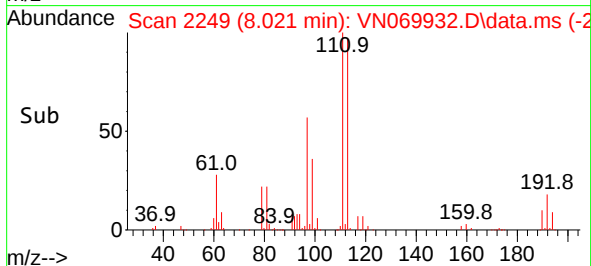
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 113 Resp: 569250
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.6 16.9 25.3

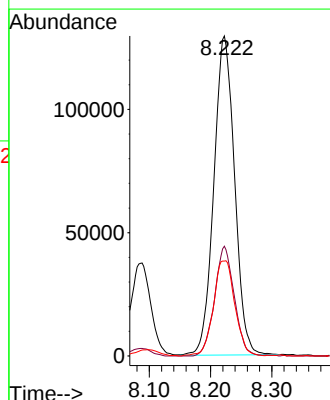
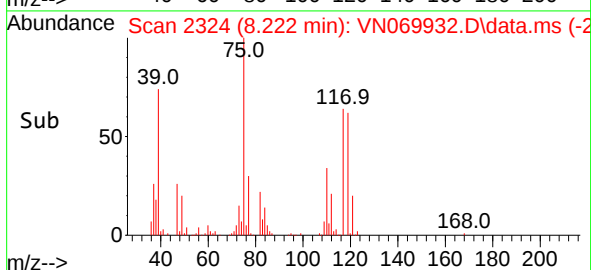
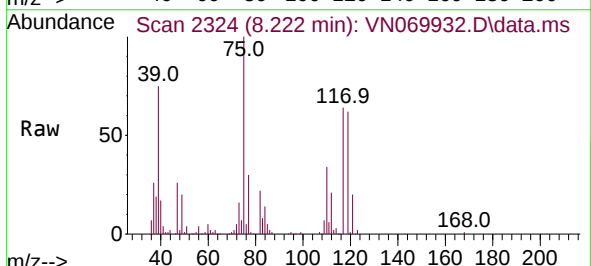
Manual Integrations
APPROVED

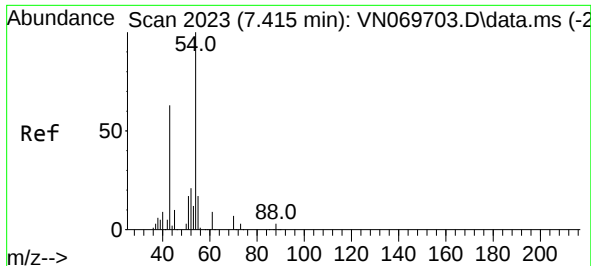
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 18.753 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 75 Resp: 304357
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 31.0 24.4 36.6





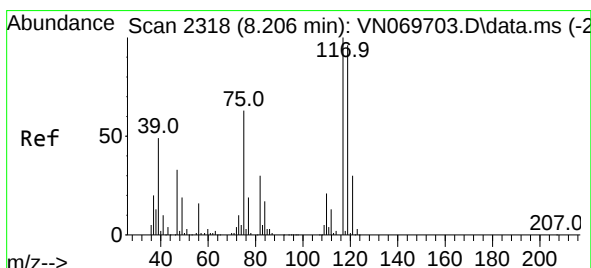
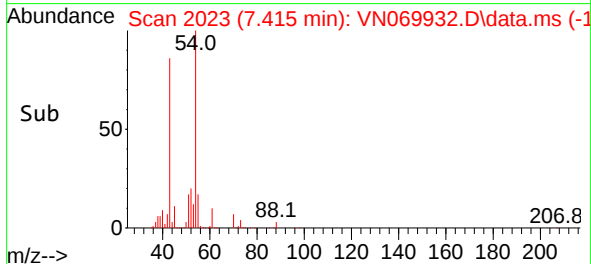
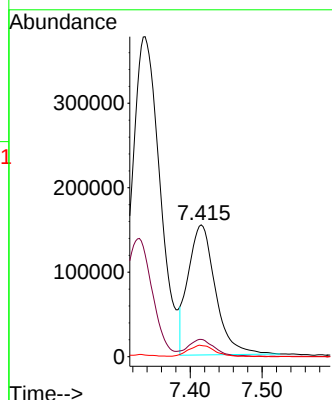
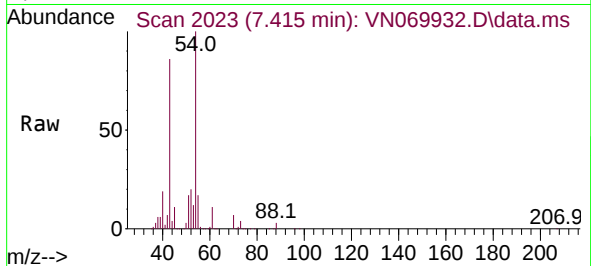
#37
Ethyl Acetate
Concen: 16.851 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 43 Resp: 407049
Ion Ratio Lower Upper
43 100
61 11.6 11.5 17.3
70 8.1 7.9 11.9

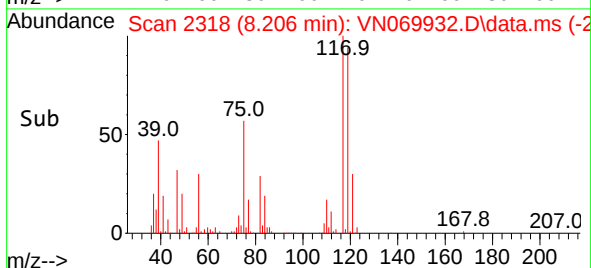
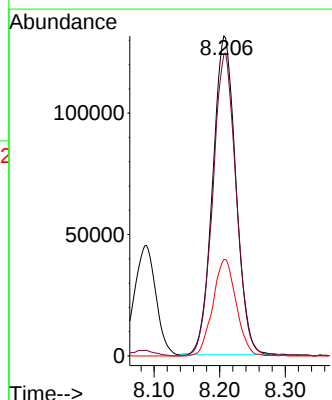
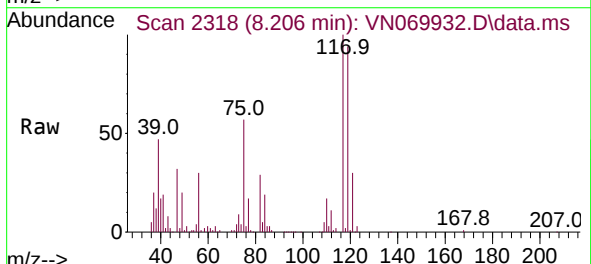
Manual Integrations
APPROVED

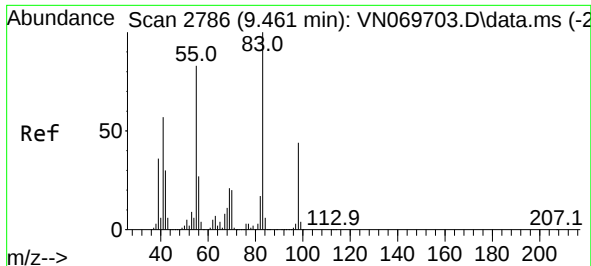
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 20.151 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

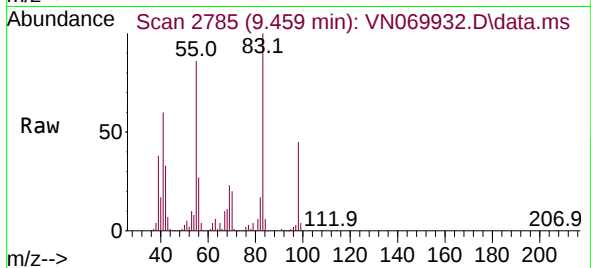
Tgt Ion:117 Resp: 320709
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1
121 30.2 24.2 36.2





#39
Methylcyclohexane
Concen: 17.546 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

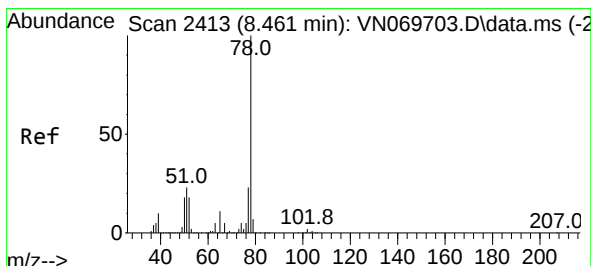
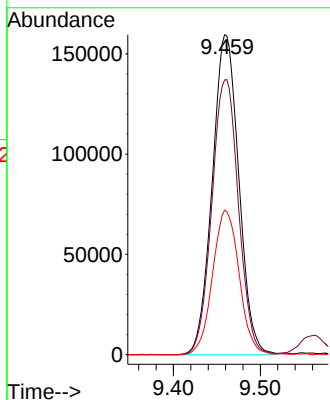
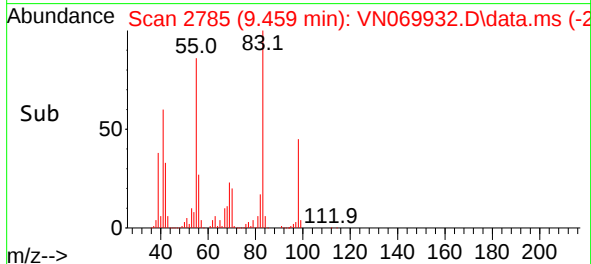
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



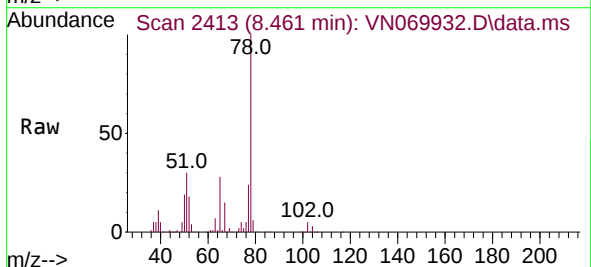
Tgt Ion: 83 Resp: 33872
Ion Ratio Lower Upper
83 100
55 85.8 58.1 87.1
98 45.1 38.4 57.6

Manual Integrations
APPROVED

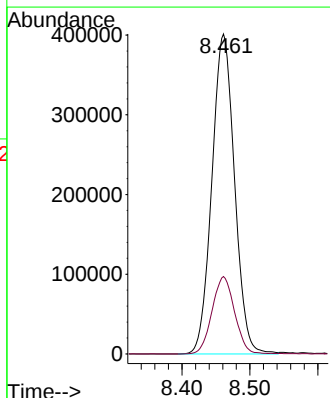
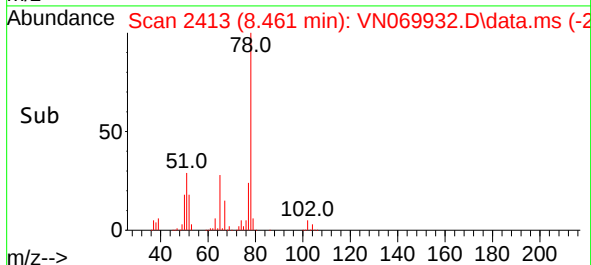
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

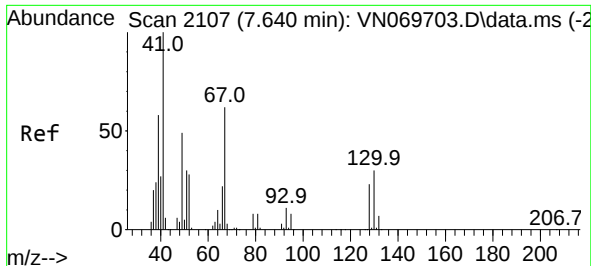


#40
Benzene
Concen: 18.734 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49



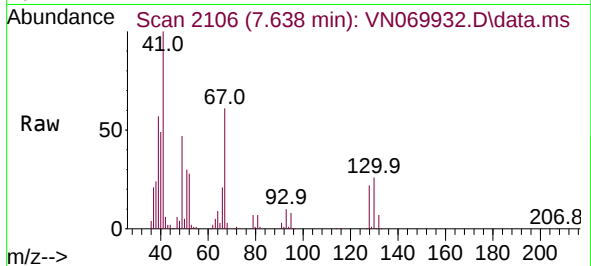
Tgt Ion: 78 Resp: 929351
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8





#41
Methacrylonitrile
Concen: 18.512 ug/l
RT: 7.638 min Scan# 2107
Delta R.T. -0.002 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

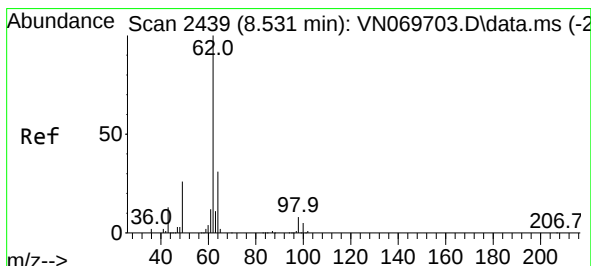
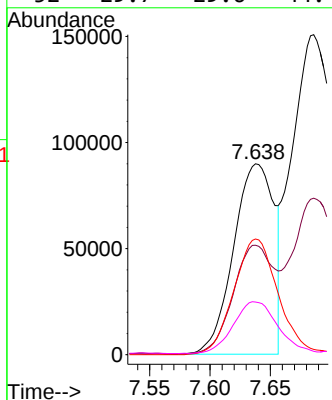
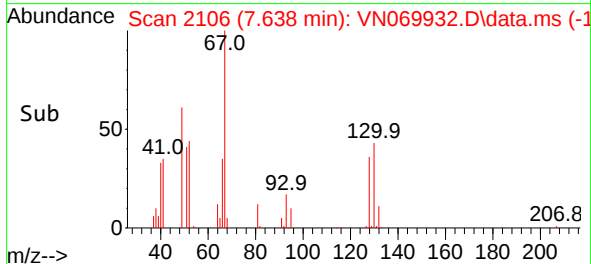
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 41 Resp: 20991
Ion Ratio Lower Upper
41 100
39 56.8 48.1 72.1
67 66.8 68.3 102.5
52 29.7 29.6 44.4

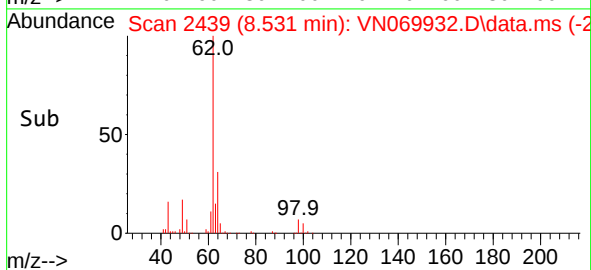
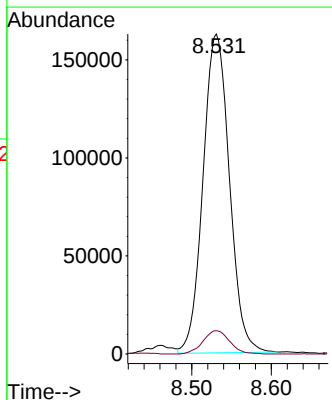
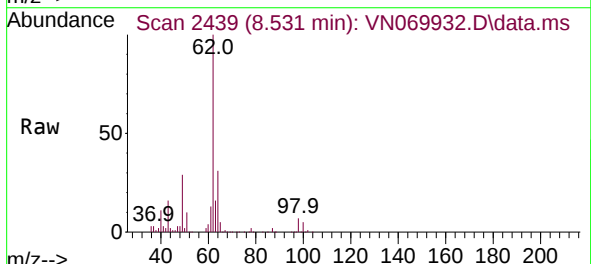
Manual Integrations
APPROVED

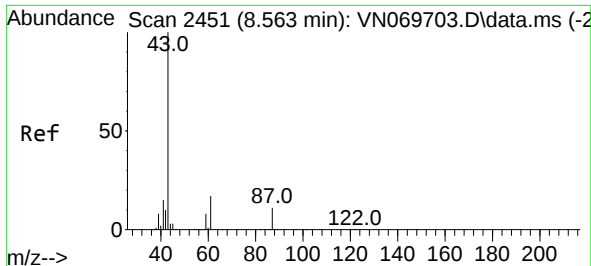
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 18.730 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 62 Resp: 375087
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





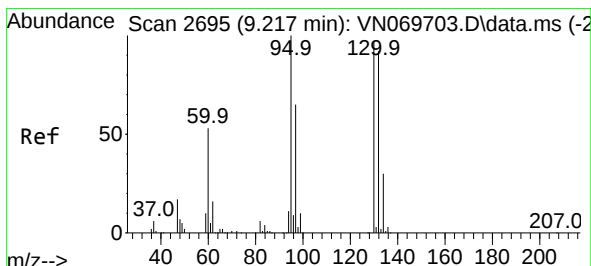
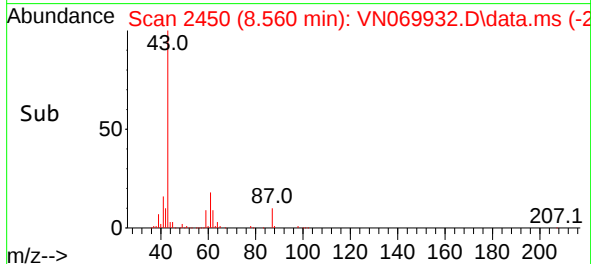
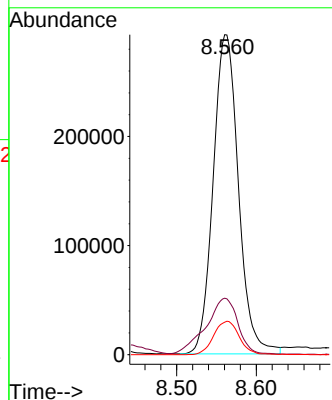
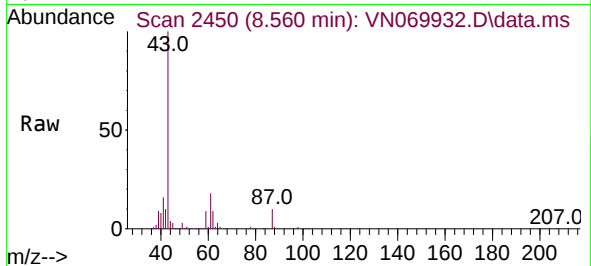
#43
Isopropyl Acetate
Concen: 18.110 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 43 Resp: 64738
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 10.6 11.2 16.8

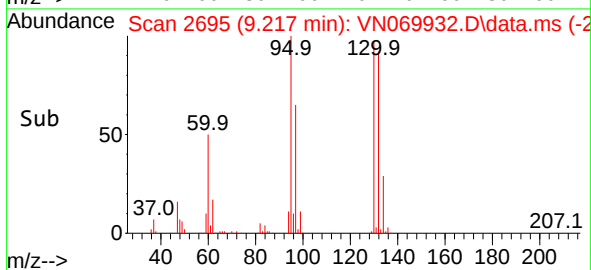
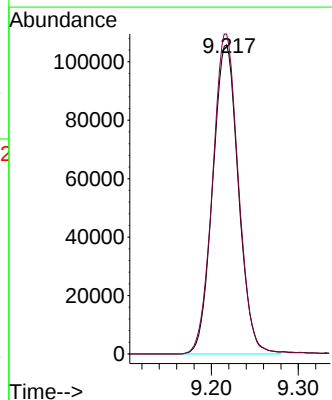
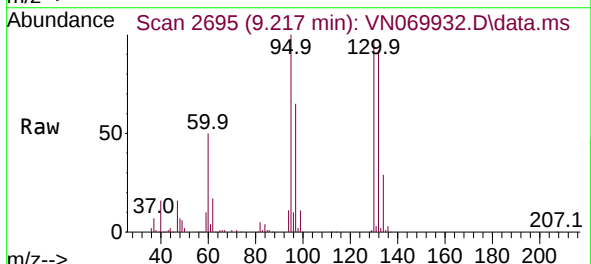
Manual Integrations
APPROVED

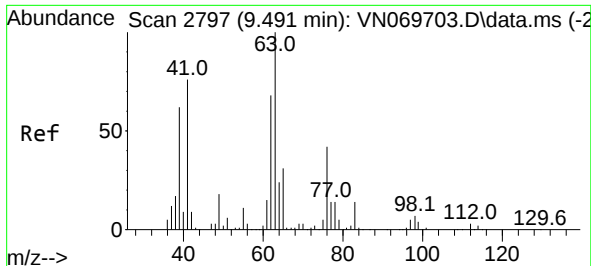
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 18.343 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion:130 Resp: 217183
Ion Ratio Lower Upper
130 100
95 103.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.109 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion: 63 Resp: 254558

Ion Ratio Lower Upper

63 100

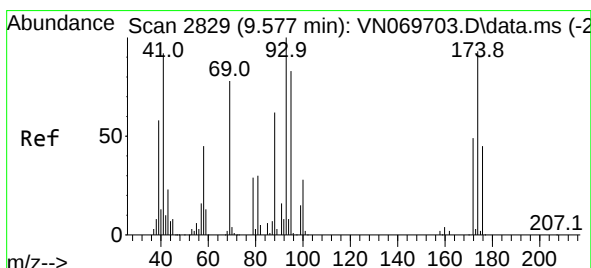
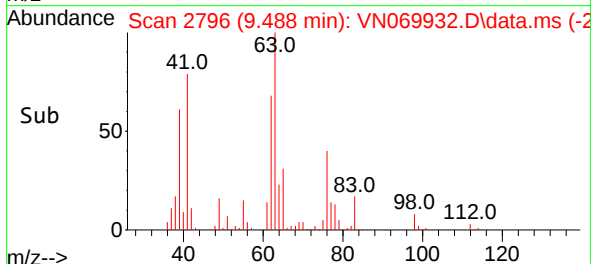
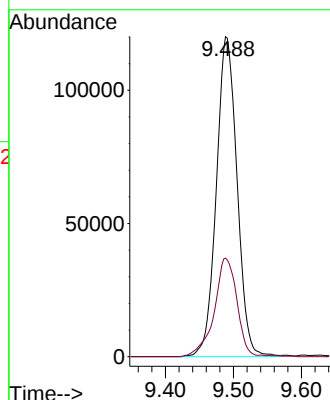
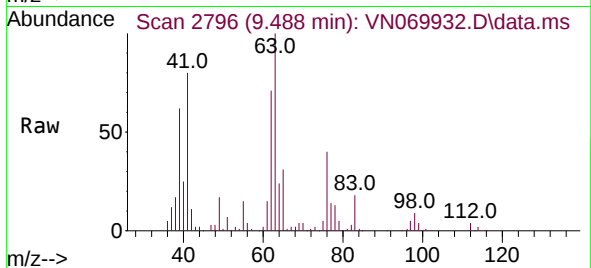
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 19.065 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

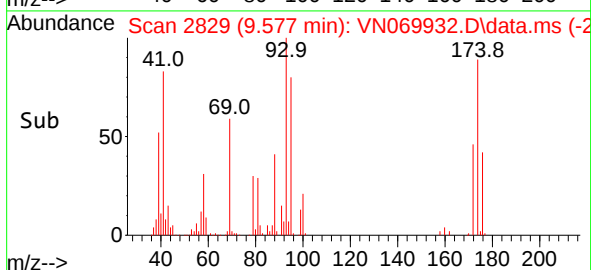
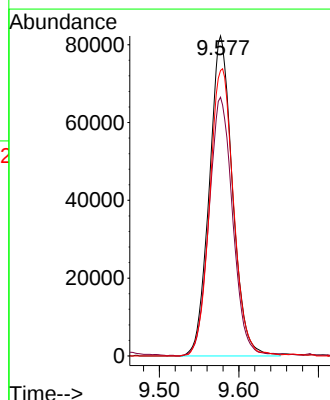
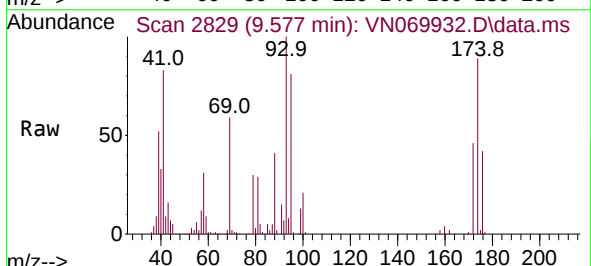
Tgt Ion: 93 Resp: 166569

Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

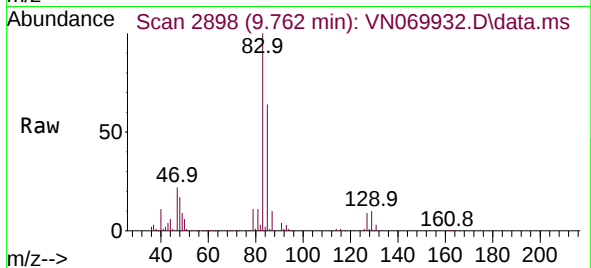
174 92.5 84.6 127.0





#47
Bromodichloromethane
Concen: 21.033 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

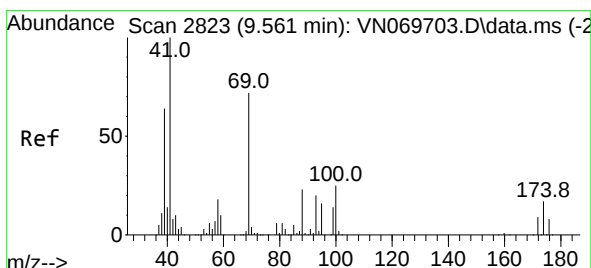
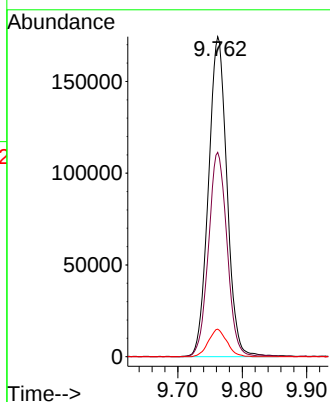
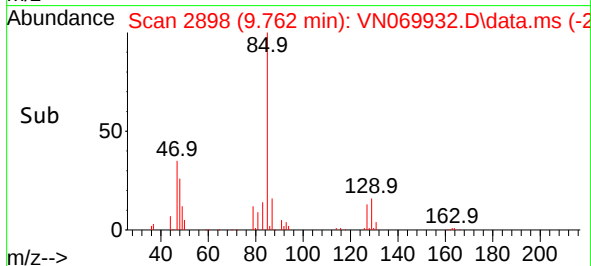
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 83 Resp: 34792
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.6 7.1 10.7

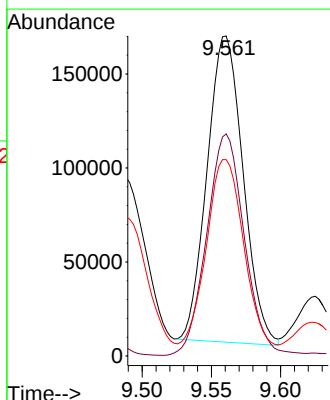
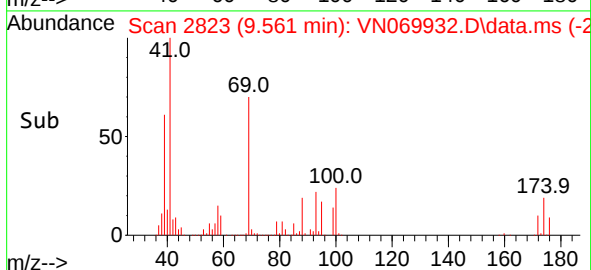
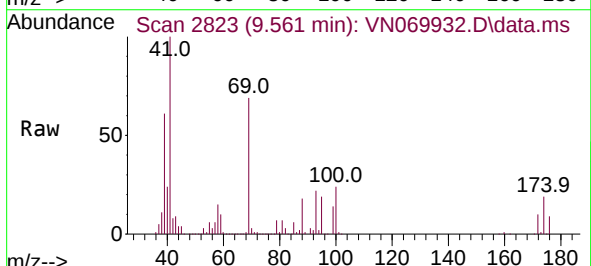
Manual Integrations
APPROVED

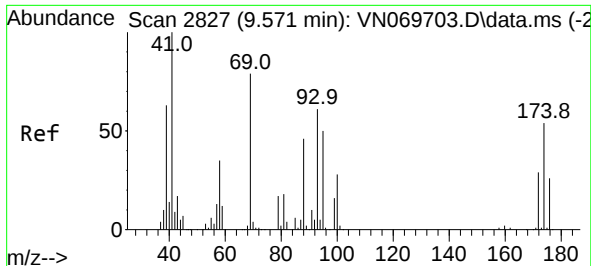
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 17.669 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 41 Resp: 294766
Ion Ratio Lower Upper
41 100
69 75.7 72.4 108.6
39 68.7 58.4 87.6





#49

1,4-Dioxane

Concen: 281.266 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion: 88 Resp: 8419

Ion Ratio Lower Upper

88 100

43 39.3 23.4 35.2

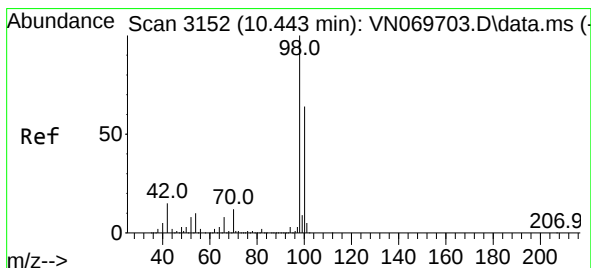
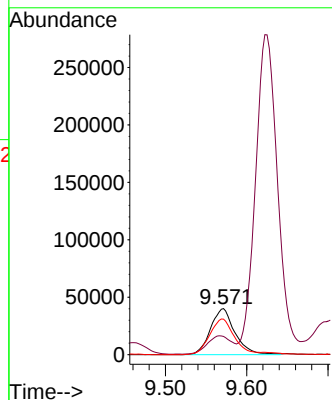
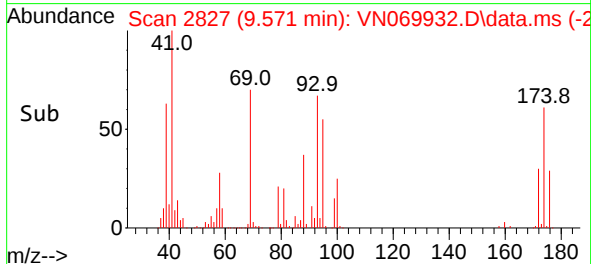
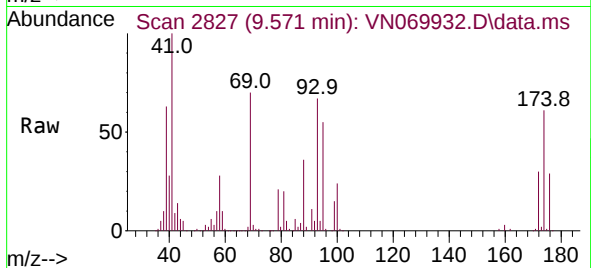
58 78.0 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 51.413 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069932.D

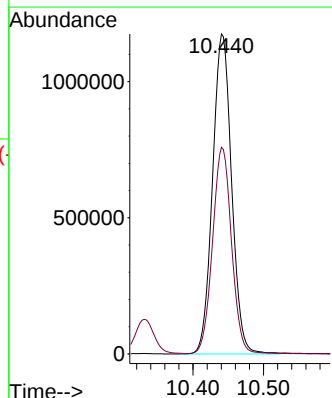
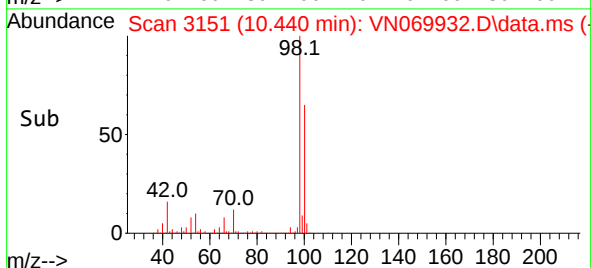
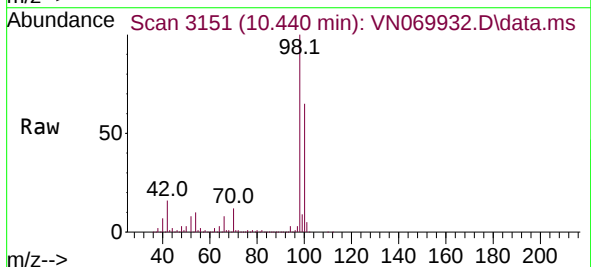
Acq: 10 Dec 2021 00:49

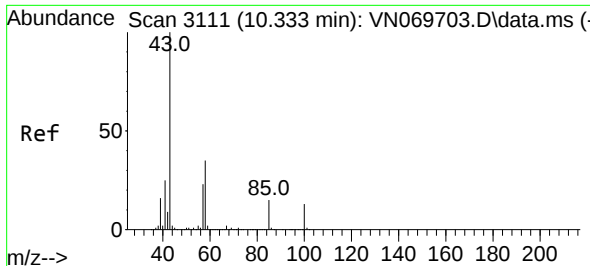
Tgt Ion: 98 Resp: 2204569

Ion Ratio Lower Upper

98 100

100 64.4 50.4 75.6





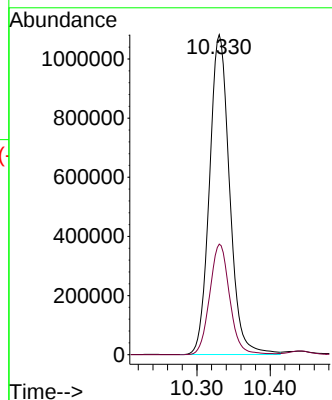
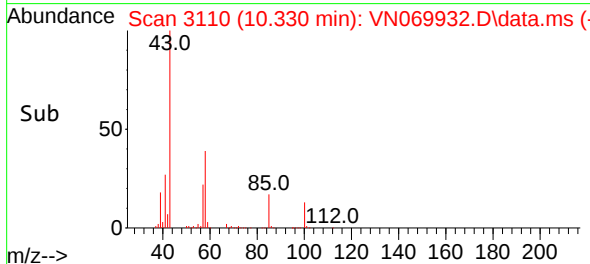
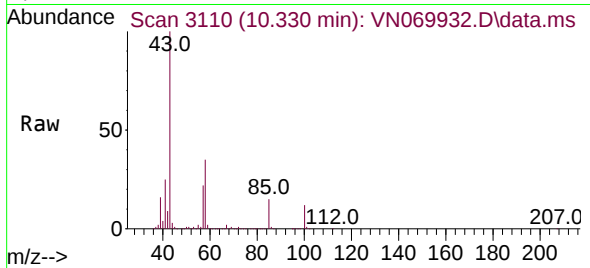
#51
4-Methyl-2-Pentanone
Concen: 88.947 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 43 Resp: 2062670
Ion Ratio Lower Upper
43 100
58 34.4 30.4 45.6

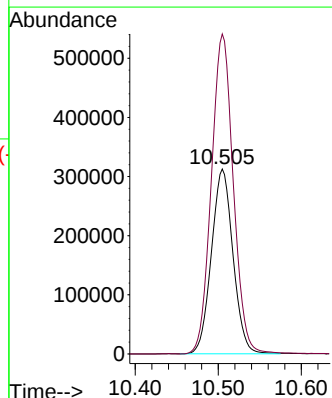
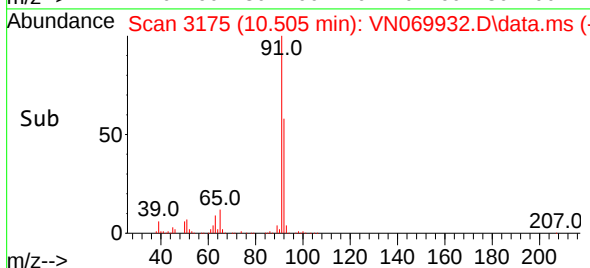
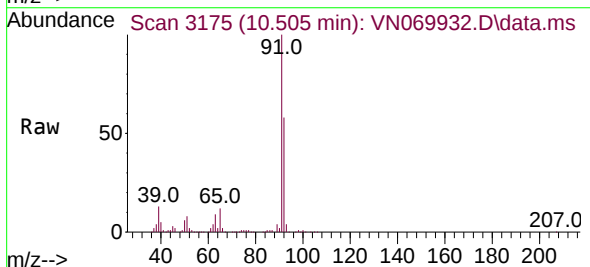
Manual Integrations
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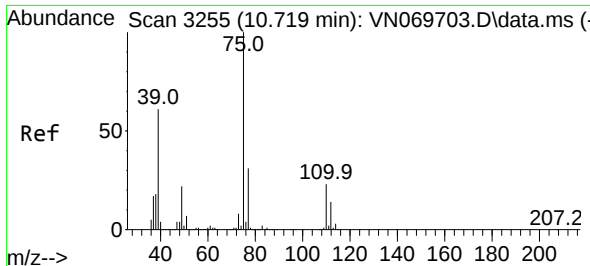
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 18.638 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 92 Resp: 564483
Ion Ratio Lower Upper
92 100
91 176.3 142.0 213.0





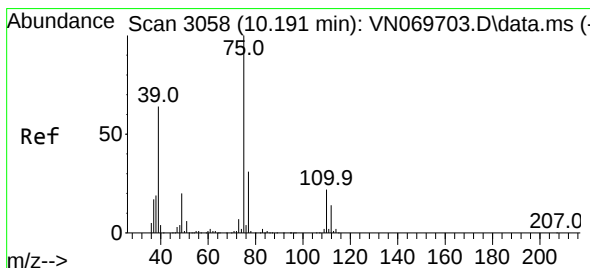
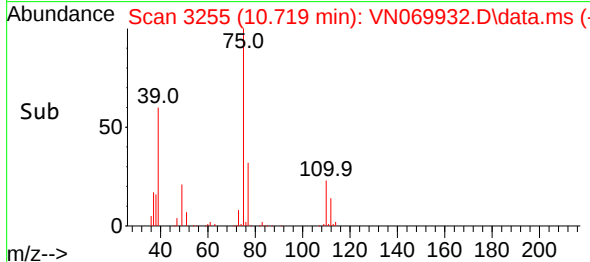
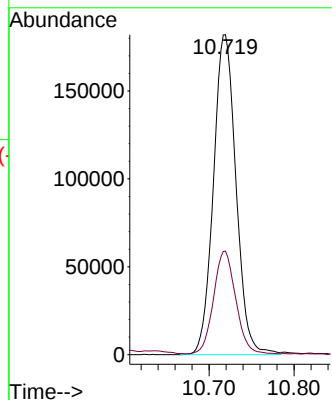
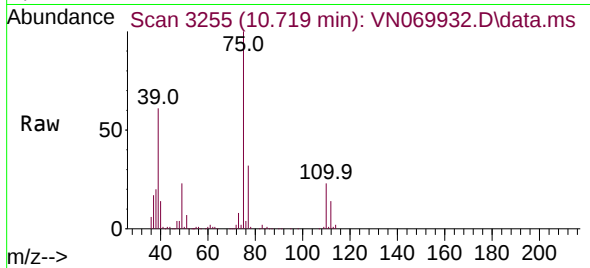
#53
t-1,3-Dichloropropene
Concen: 18.744 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 75 Resp: 33617
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

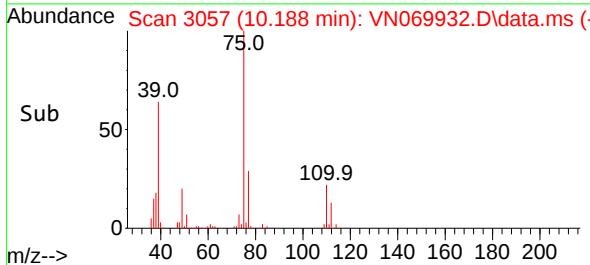
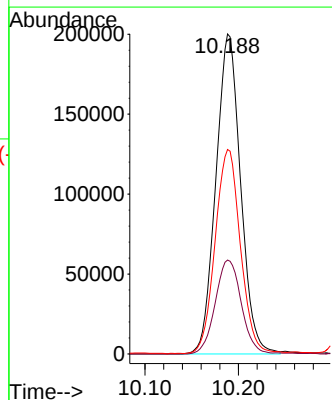
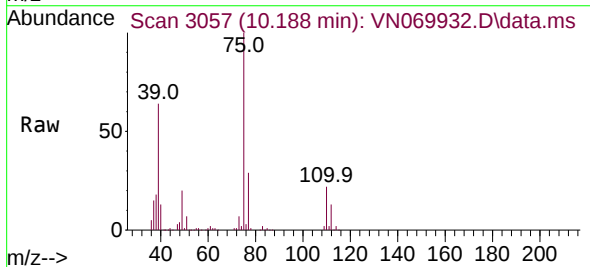
Manual Integrations
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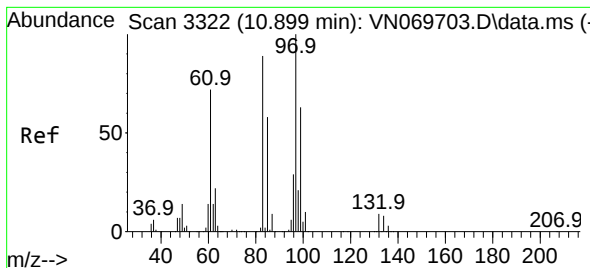
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 18.921 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

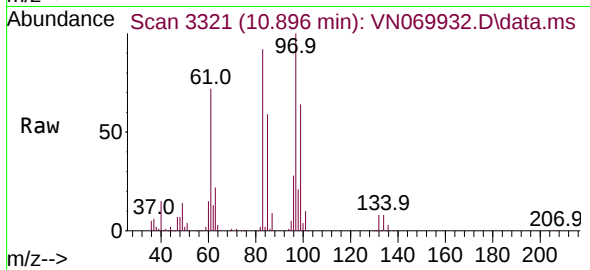
Tgt Ion: 75 Resp: 368103
Ion Ratio Lower Upper
75 100
77 29.3 26.4 39.6
39 63.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.688 ug/l
RT: 10.896 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

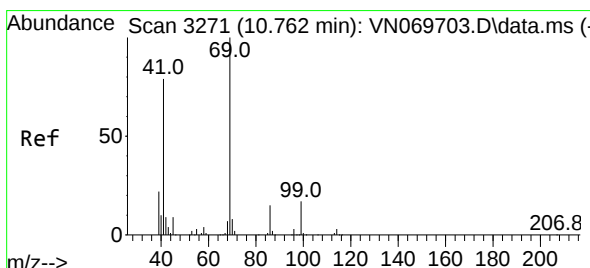
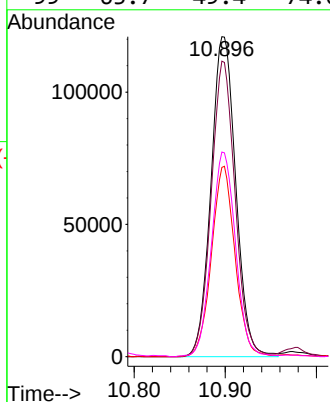
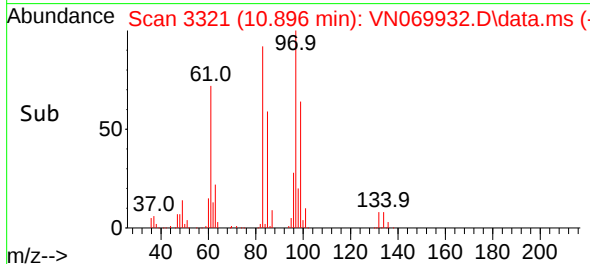
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



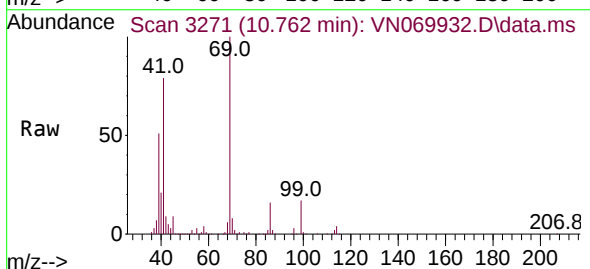
Tgt Ion:	97	Resp:	228362
Ion	Ratio	Lower	Upper
97	100		
83	92.3	67.8	101.6
85	59.1	45.4	68.2
99	63.7	49.4	74.0

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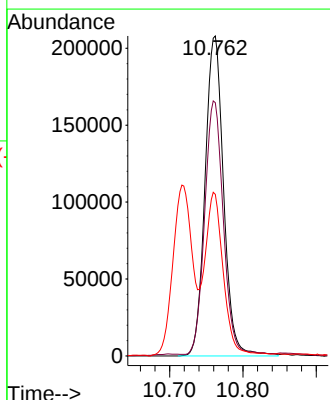
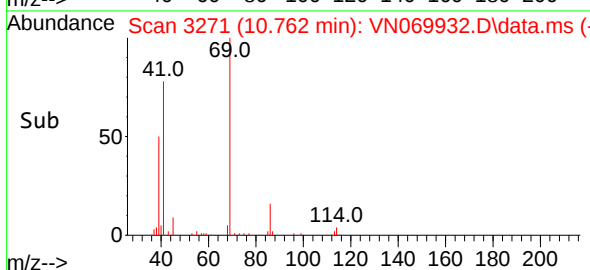
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

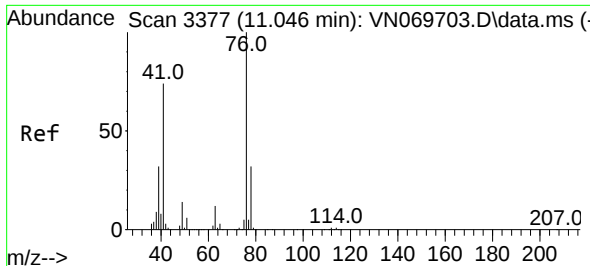


#56
Ethyl methacrylate
Concen: 17.421 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49



Tgt Ion:	69	Resp:	365806
Ion	Ratio	Lower	Upper
69	100		
41	79.6	51.4	77.0#
39	47.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 18.648 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion: 76 Resp: 401240

Ion Ratio Lower Upper

76 100

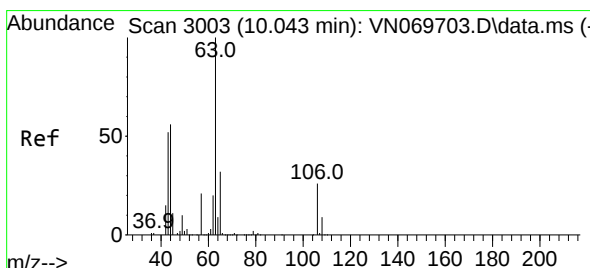
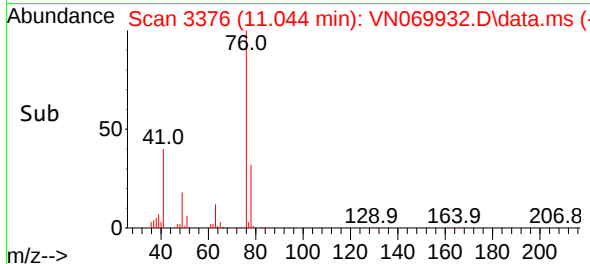
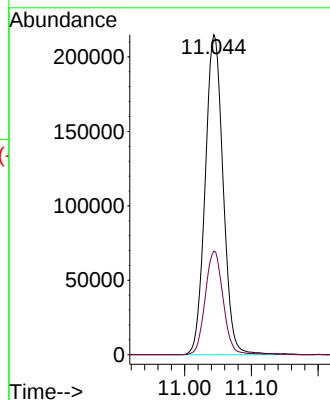
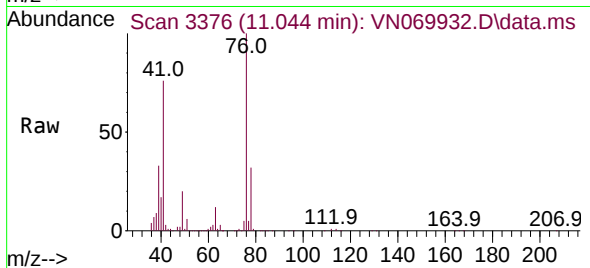
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 74.377 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069932.D

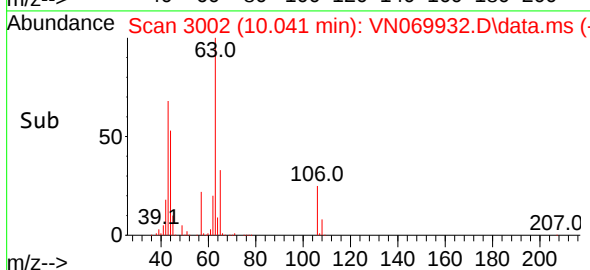
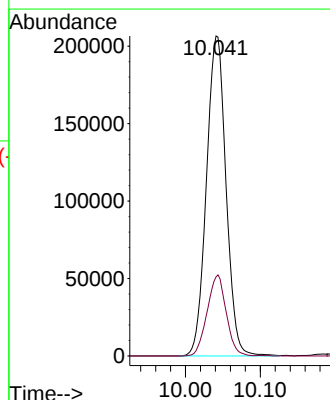
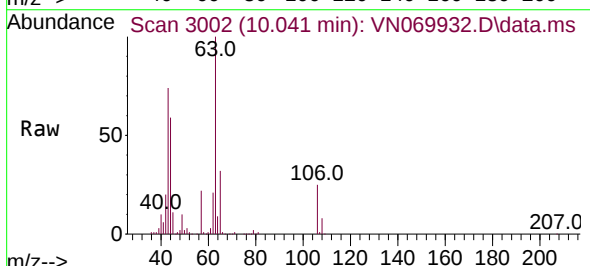
Acq: 10 Dec 2021 00:49

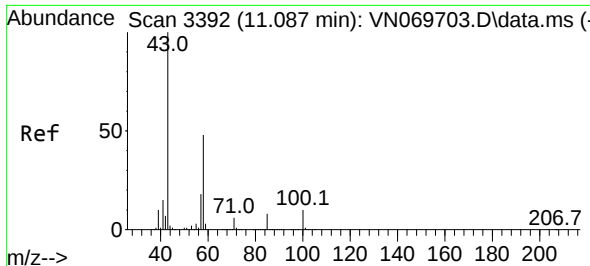
Tgt Ion: 63 Resp: 376289

Ion Ratio Lower Upper

63 100

106 24.6 23.9 35.9





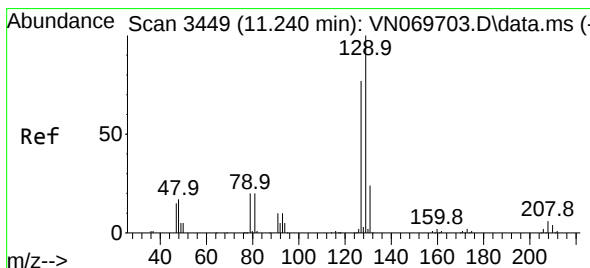
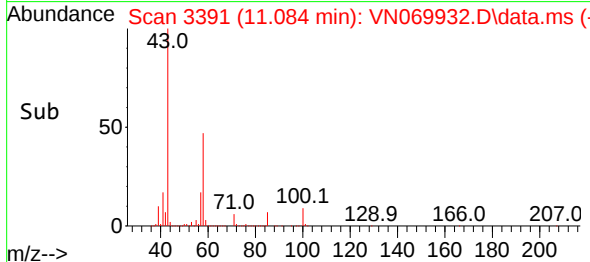
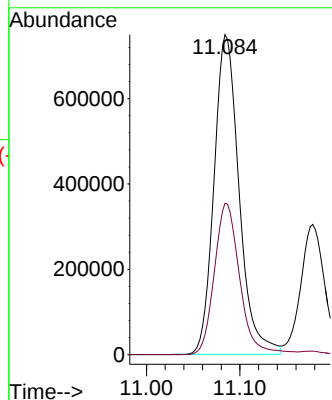
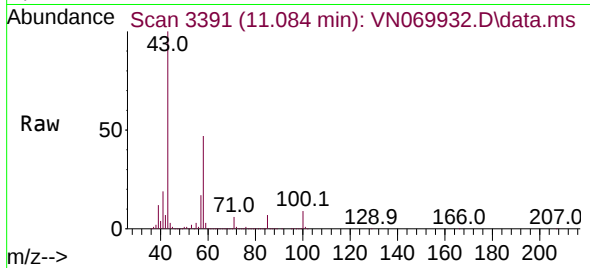
#59
2-Hexanone
Concen: 79.846 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 43 Resp: 140070
Ion Ratio Lower Upper
43 100
58 48.0 26.9 80.7

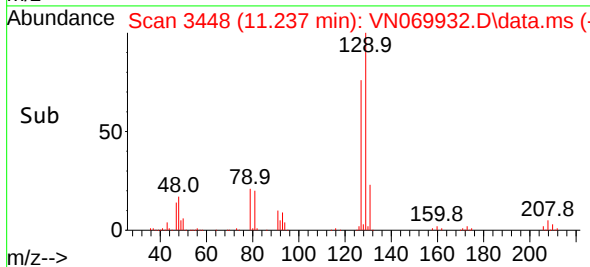
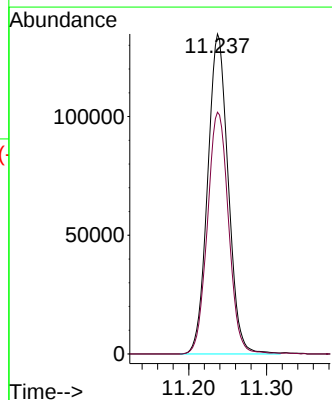
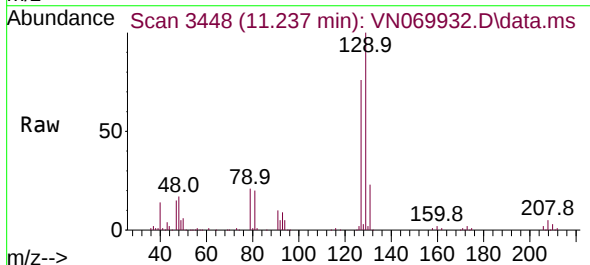
Manual Integrations
APPROVED

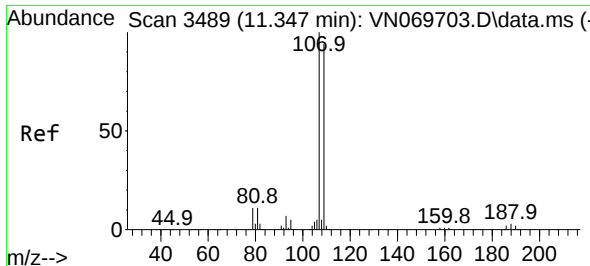
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 20.352 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

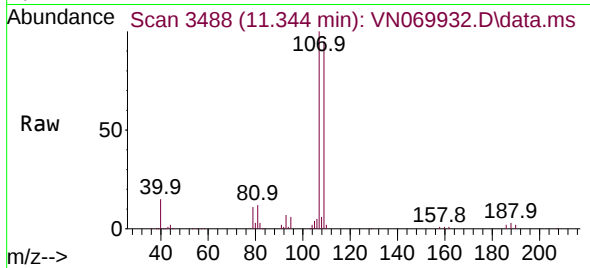
Tgt Ion:129 Resp: 247105
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.991 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

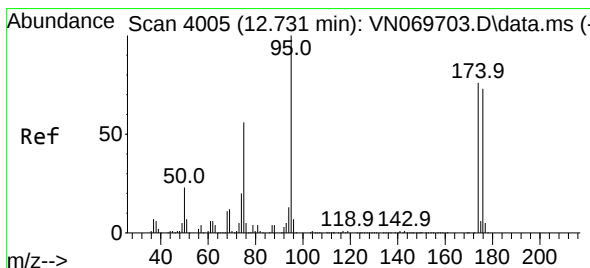
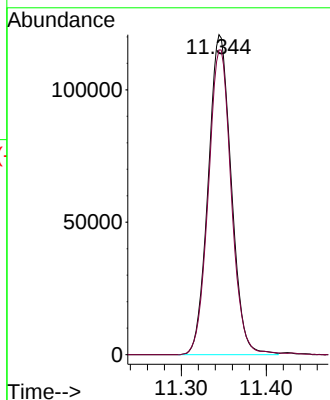
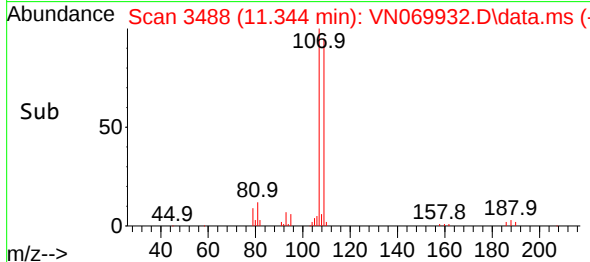
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



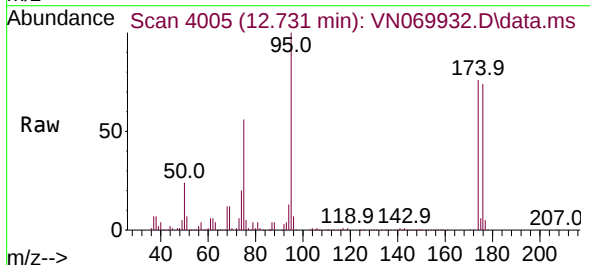
Tgt Ion:107 Resp: 22771
Ion Ratio Lower Upper
107 100
109 95.0 75.7 113.5

Manual Integrations
APPROVED

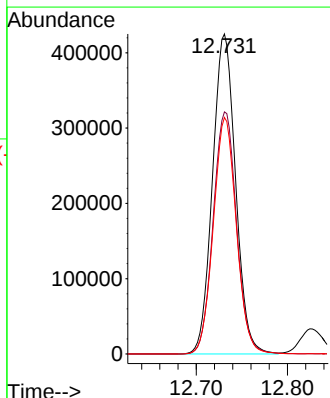
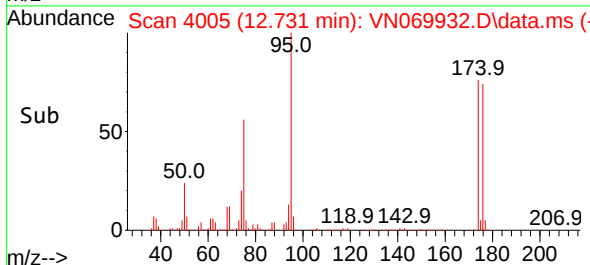
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

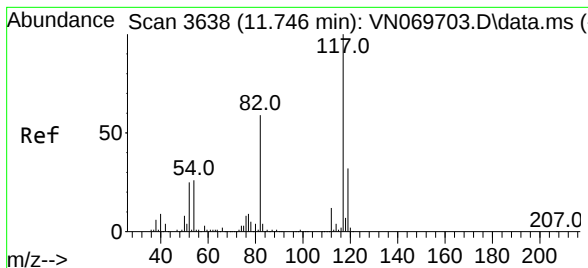


#62
4-Bromofluorobenzene
Concen: 48.056 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49



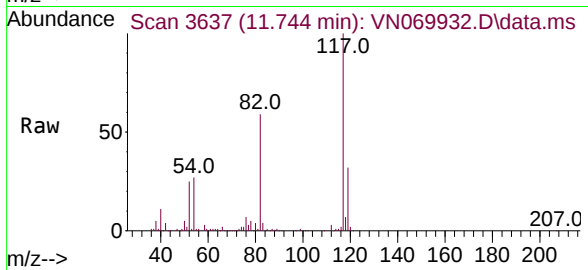
Tgt Ion: 95 Resp: 746506
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 73.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

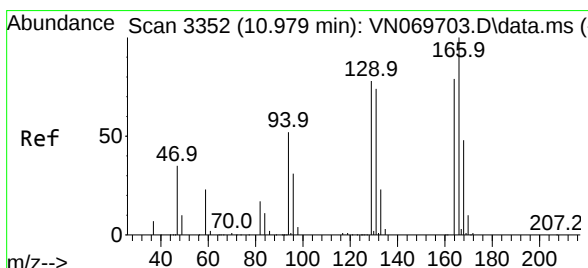
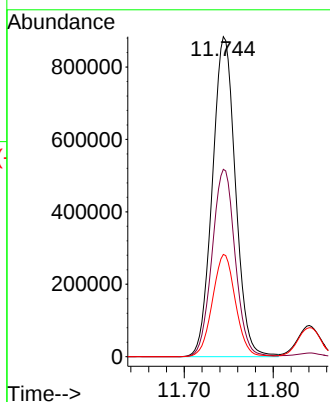
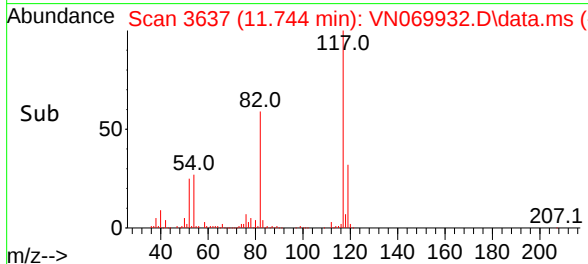
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion:117 Resp: 159303
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.0 25.4 38.2

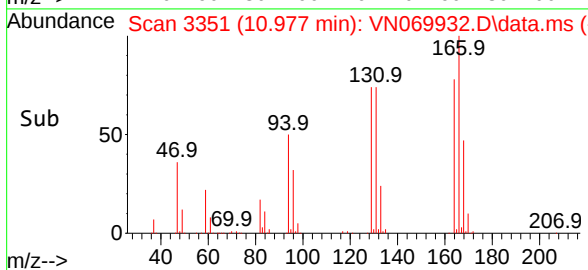
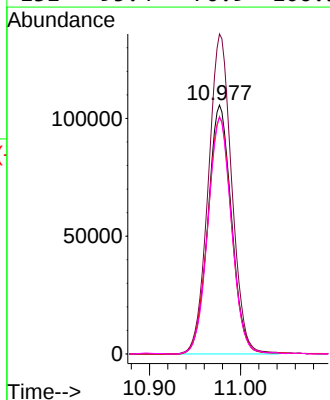
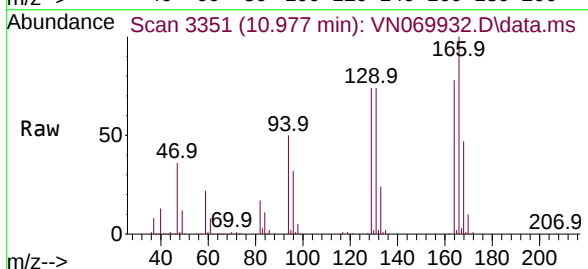
Manual Integrations
APPROVED

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



#64
Tetrachloroethene
Concen: 17.610 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion:164 Resp: 190223
Ion Ratio Lower Upper
164 100
166 128.5 101.9 152.9
129 95.0 72.0 108.0
131 95.4 70.9 106.3





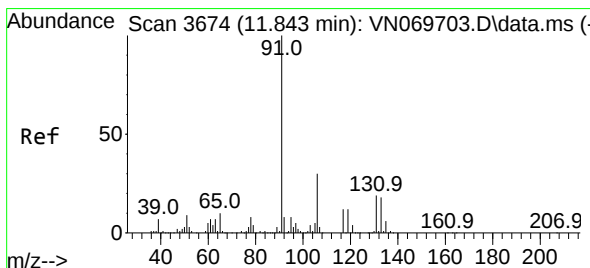
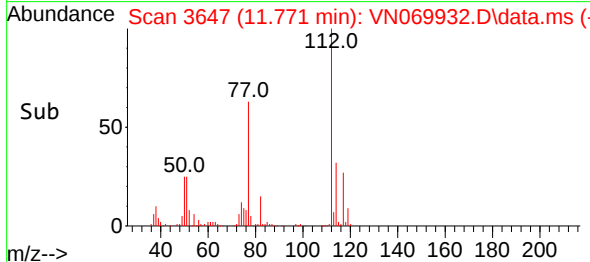
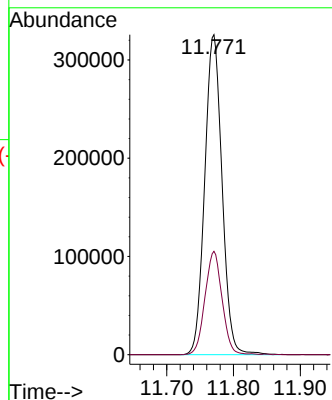
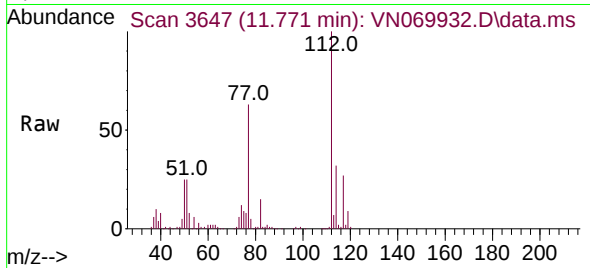
#65
Chlorobenzene
Concen: 18.181 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:112 Resp: 58755
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

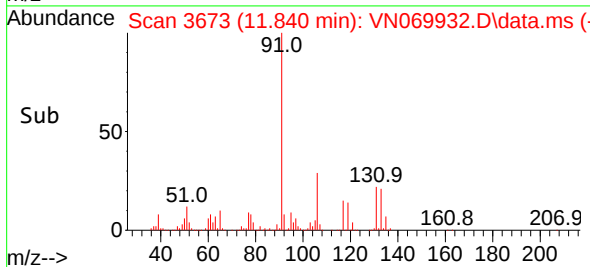
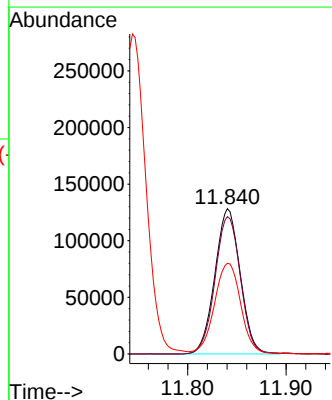
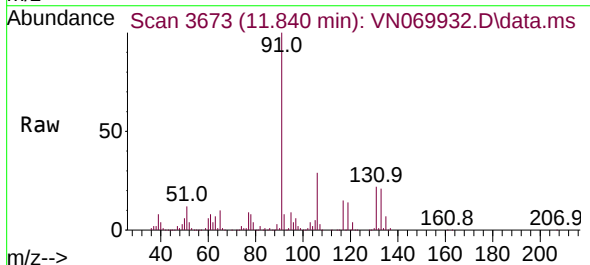
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 20.224 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion:131 Resp: 230047
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 64.1 32.1 96.5





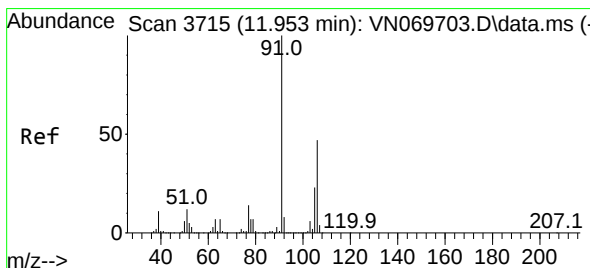
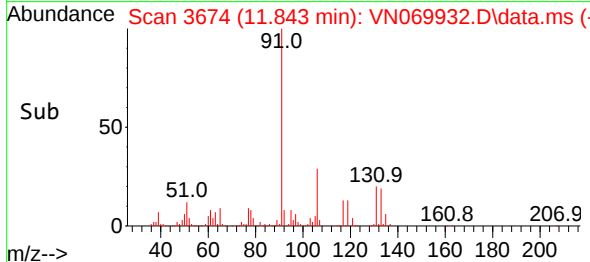
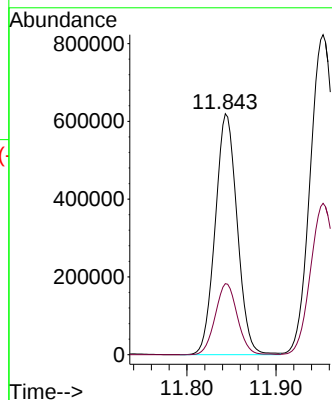
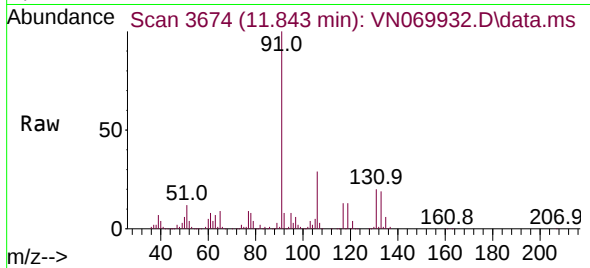
#67
Ethyl Benzene
Concen: 18.107 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 91 Resp: 1062940
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

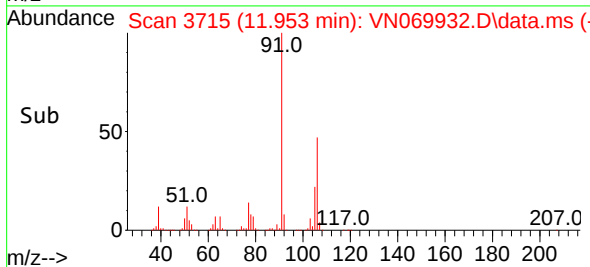
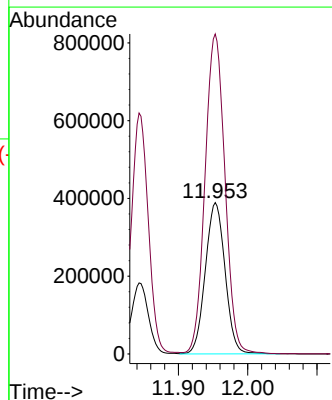
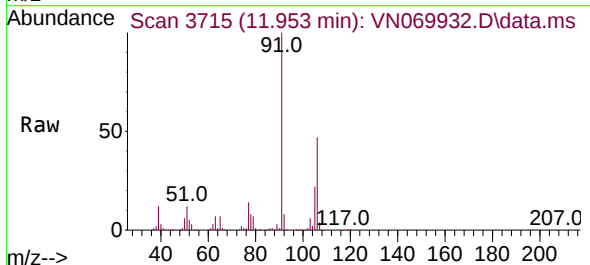
Manual Integrations
APPROVED

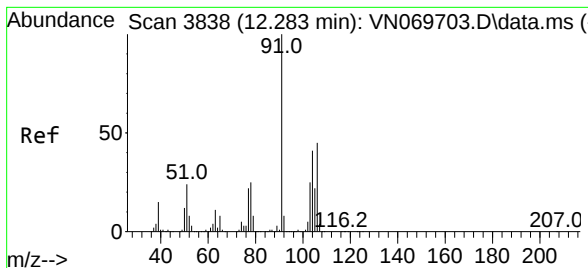
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 36.043 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion:106 Resp: 770404
Ion Ratio Lower Upper
106 100
91 213.4 160.6 240.8





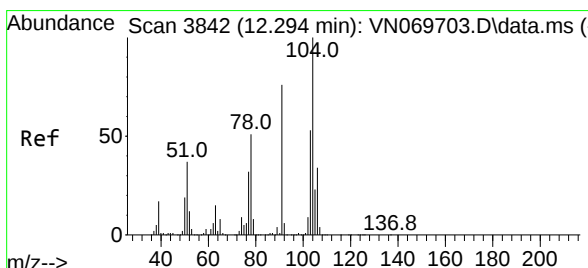
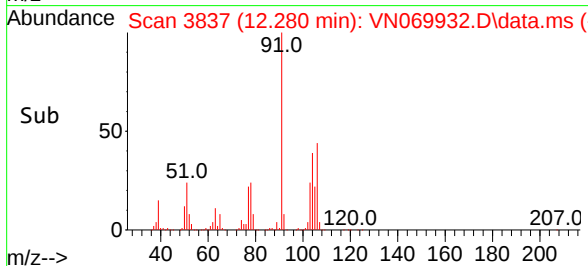
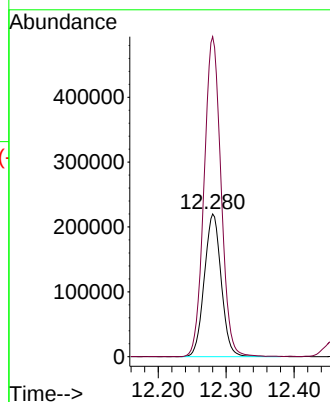
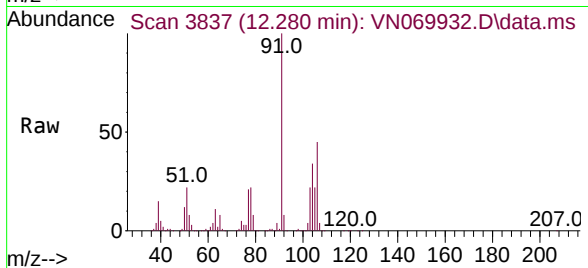
#69
o-Xylene
Concen: 17.673 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:106 Resp: 380499
Ion Ratio Lower Upper
106 100
91 225.1 105.8 317.3

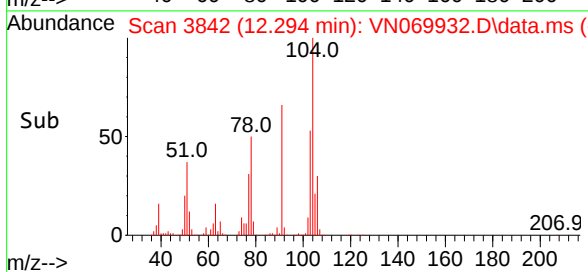
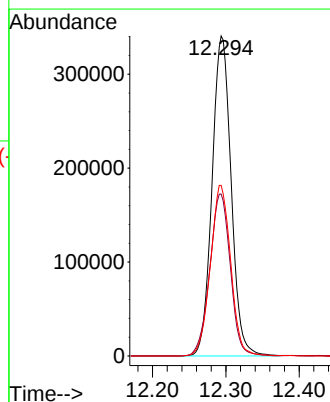
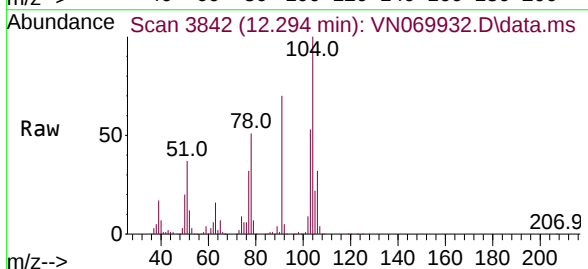
Manual Integrations
APPROVED

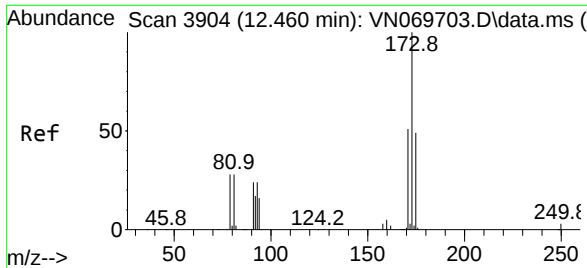
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 18.075 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

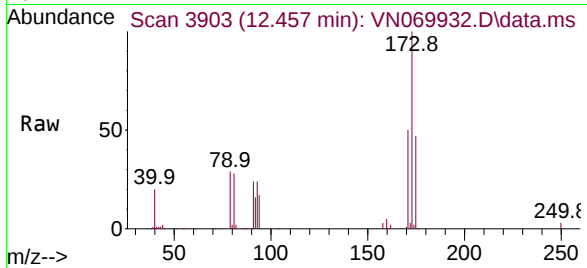
Tgt Ion:104 Resp: 617074
Ion Ratio Lower Upper
104 100
78 54.5 38.7 58.1
103 56.5 45.0 67.6





#71
Bromoform
Concen: 20.200 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

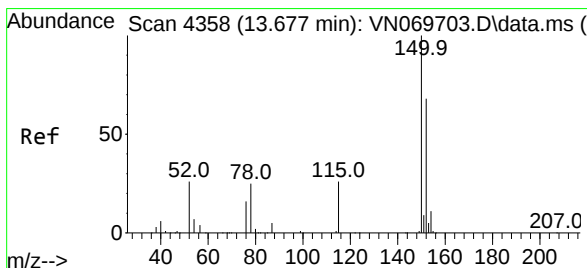
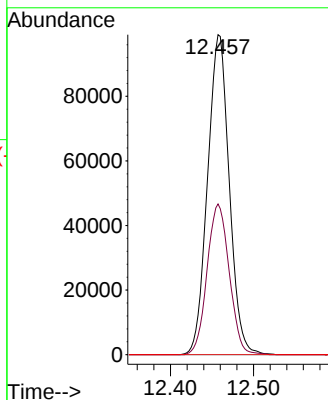
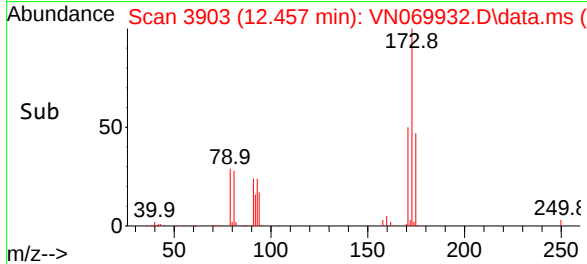
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



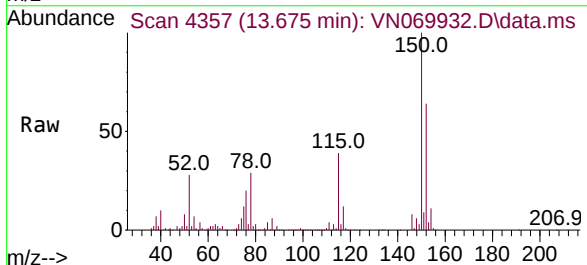
Tgt Ion:173 Resp: 179774
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.0 0.0 0.0

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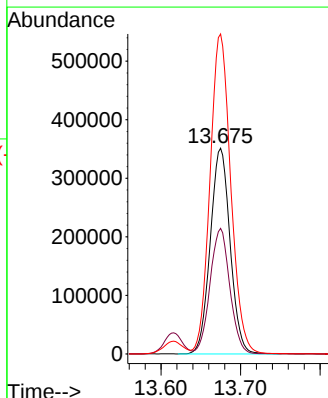
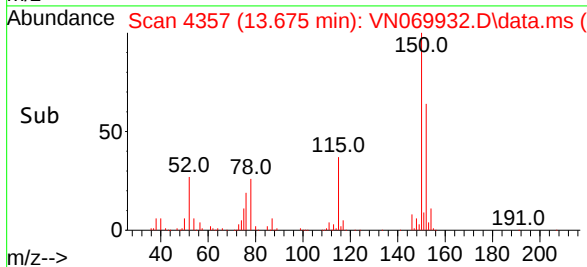
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

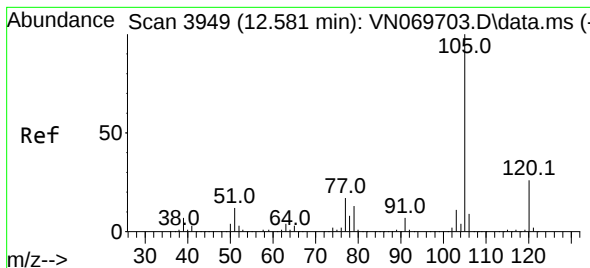


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49



Tgt Ion:152 Resp: 609943
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 162.6 0.0 344.4





#73

Isopropylbenzene

Concen: 18.430 ug/l

RT: 12.578 min Scan# 3949

Delta R.T. -0.003 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion:105 Resp: 1000140

Ion Ratio Lower Upper

105 100

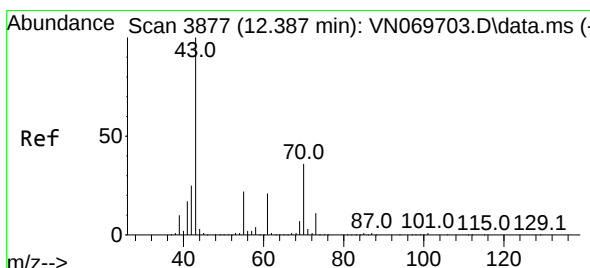
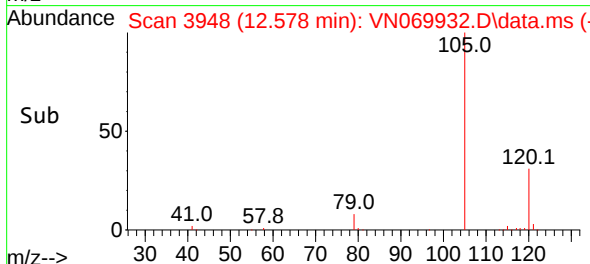
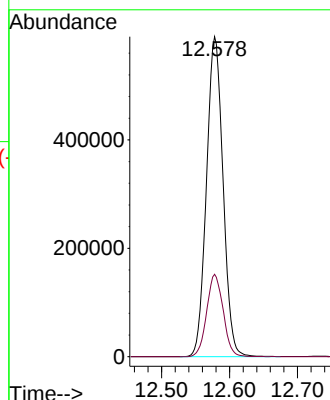
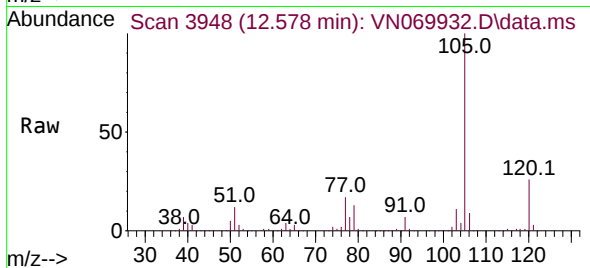
120 25.6 13.4 40.1

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#74

N-ethyl acetate

Concen: 16.666 ug/l

RT: 12.387 min Scan# 3877

Delta R.T. 0.000 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Tgt Ion: 43 Resp: 399976

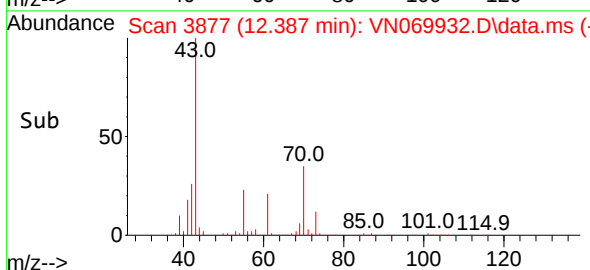
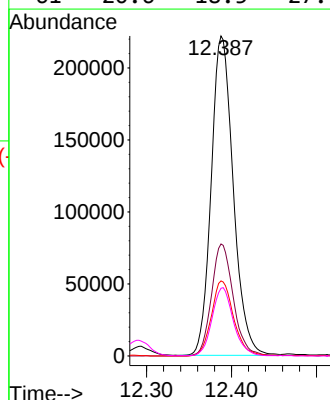
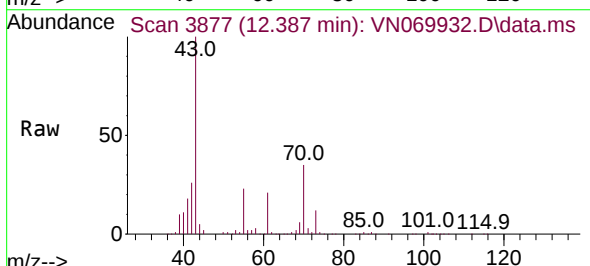
Ion Ratio Lower Upper

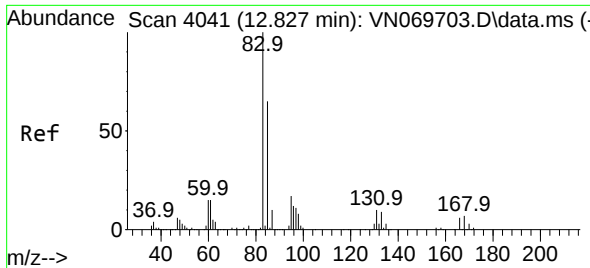
43 100

70 34.6 33.4 50.0

55 23.6 19.3 28.9

61 20.6 18.5 27.7





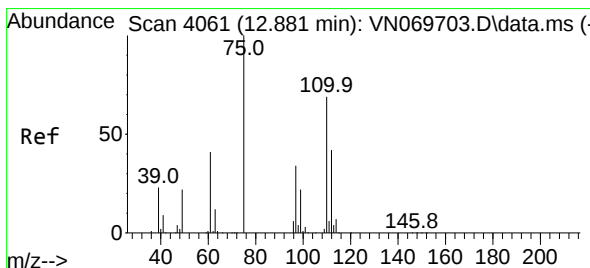
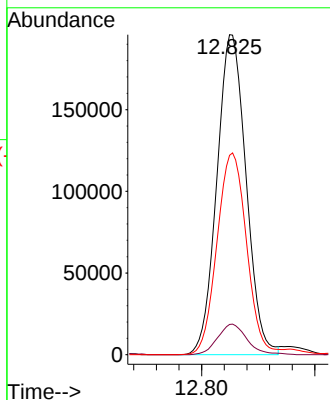
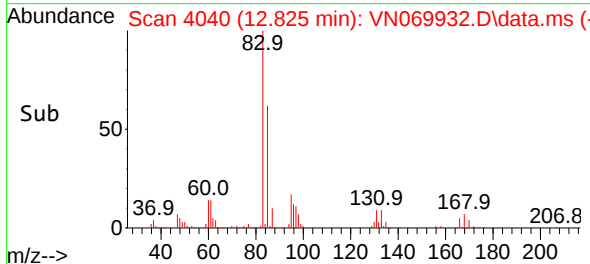
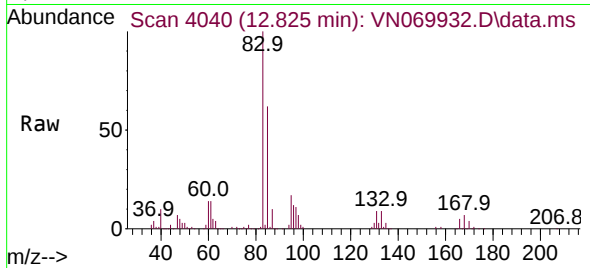
#75
1,1,2,2-Tetrachloroethane
Concen: 18.705 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 83 Resp: 35102
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 63.7 32.4 97.2

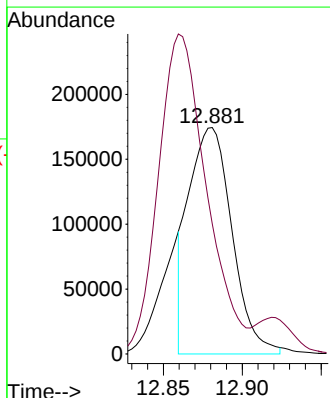
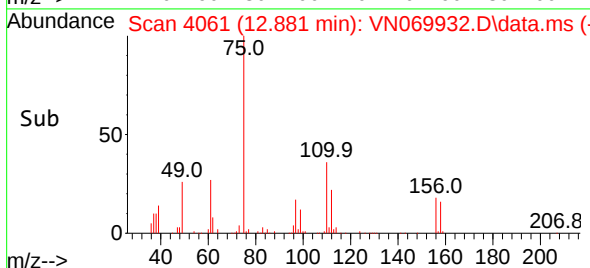
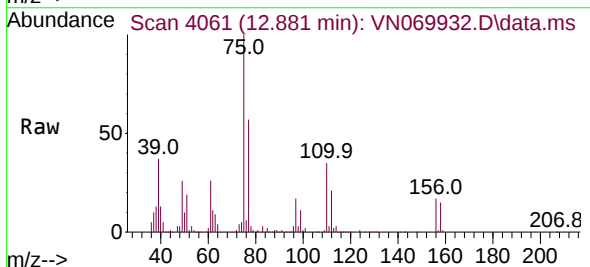
Manual Integrations
APPROVED

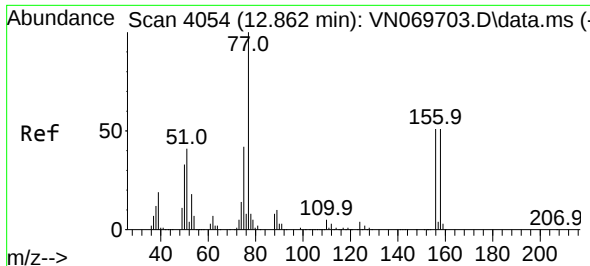
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#76
1,2,3-Trichloropropane
Concen: 19.028 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

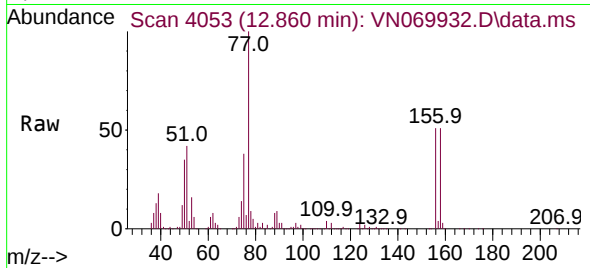
Tgt Ion: 75 Resp: 332827
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 18.056 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

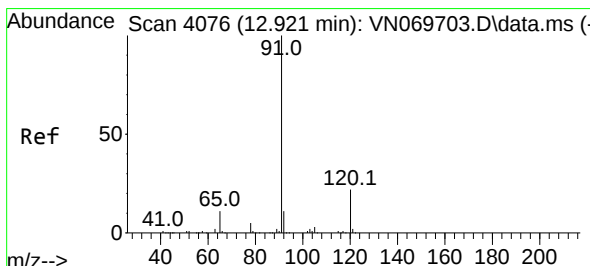
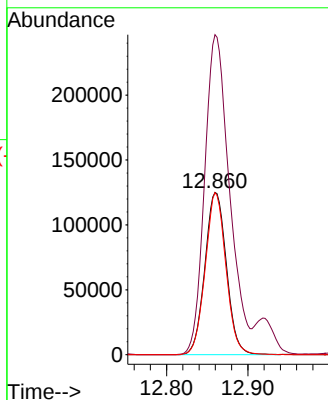
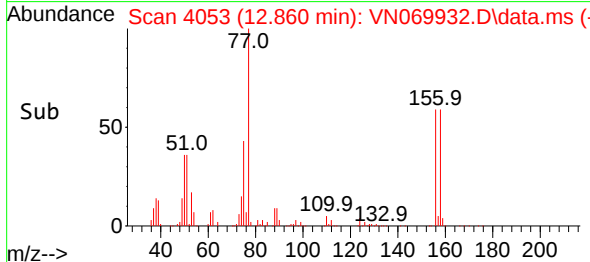
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion:156 Resp: 230152
Ion Ratio Lower Upper
156 100
77 227.9 90.6 271.8
158 96.3 48.9 146.7

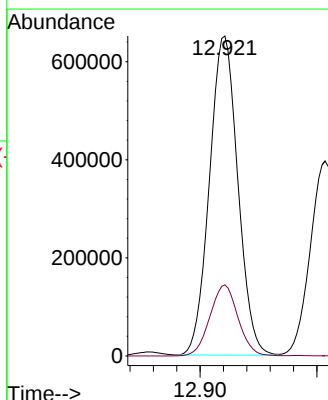
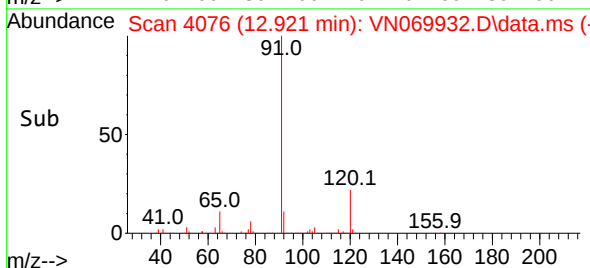
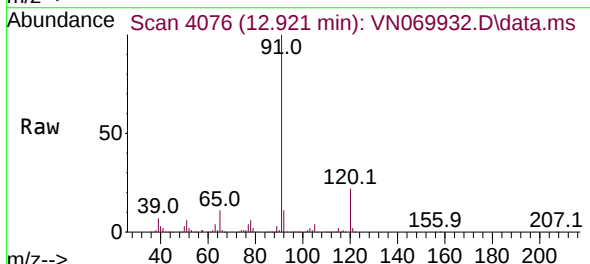
Manual Integrations
APPROVED

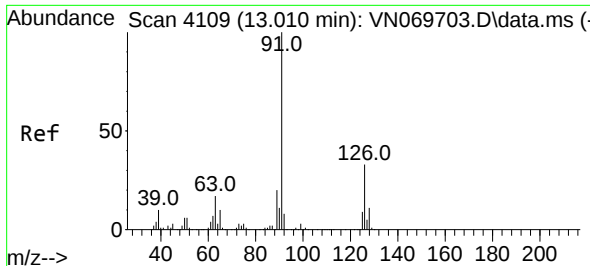
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 18.173 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 91 Resp: 1097414
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





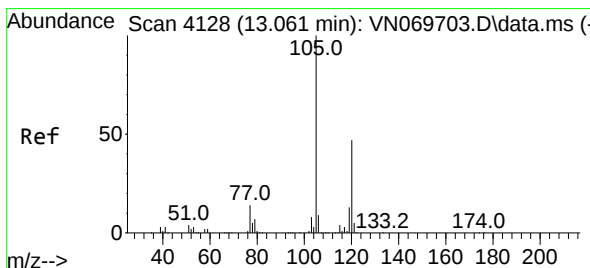
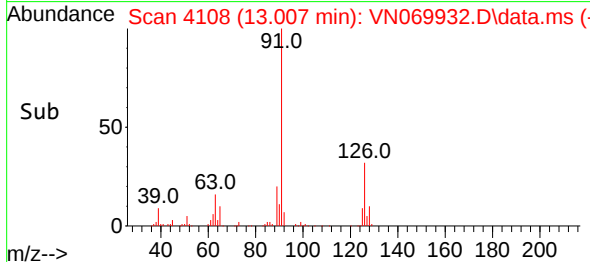
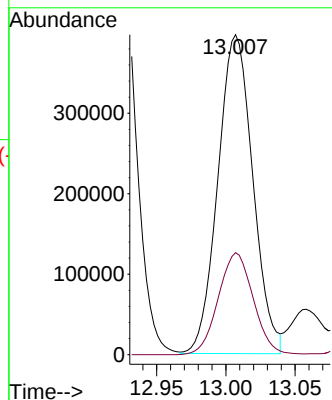
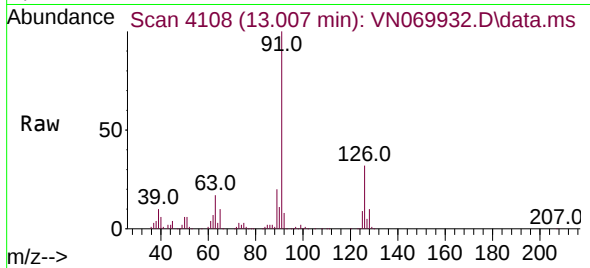
#79
2-Chlorotoluene
Concen: 18.250 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion: 91 Resp: 696360
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

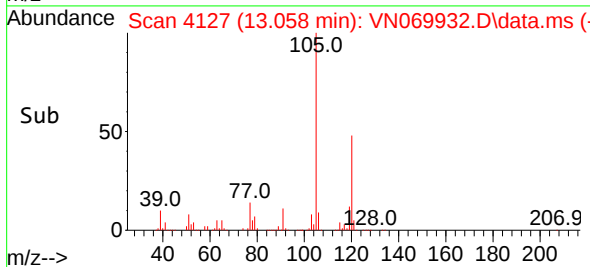
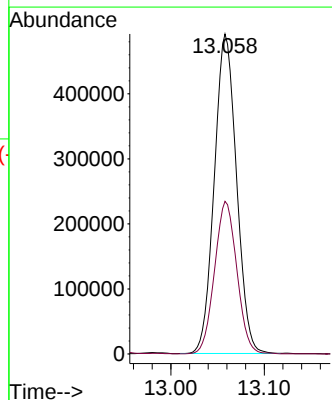
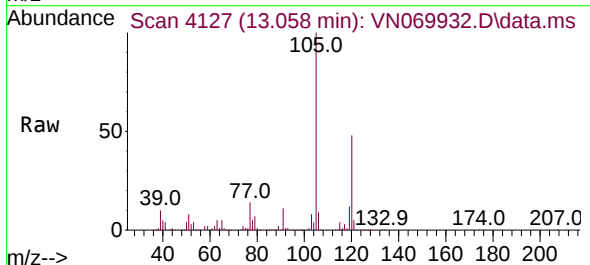
Manual Integrations
APPROVED

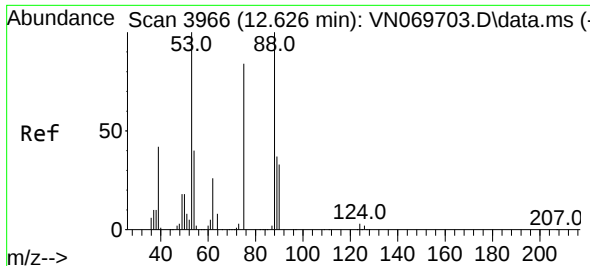
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.600 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

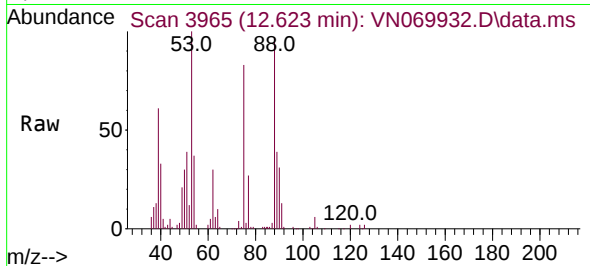
Tgt Ion:105 Resp: 812442
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.226 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

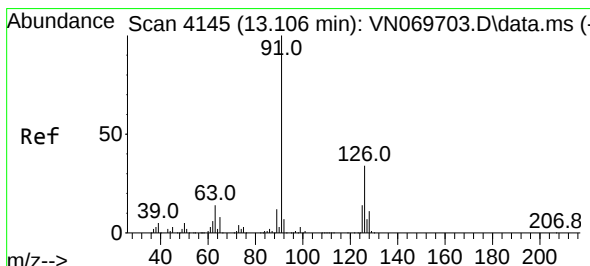
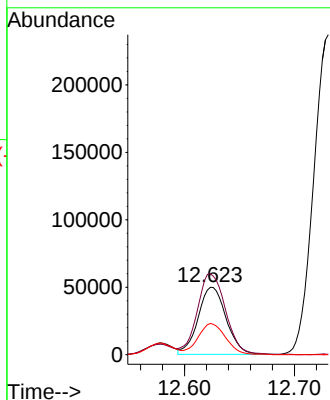
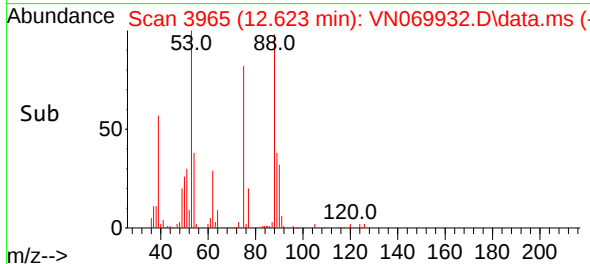
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 75 Resp: 8821
Ion Ratio Lower Upper
75 100
53 121.3 90.5 135.7
89 45.5 38.2 57.4

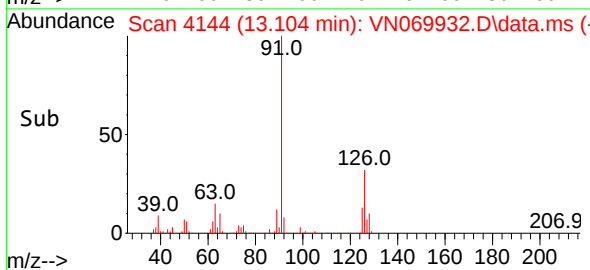
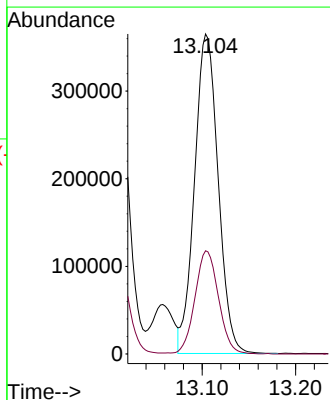
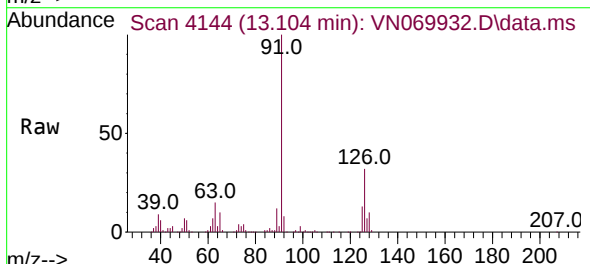
Manual Integrations
APPROVED

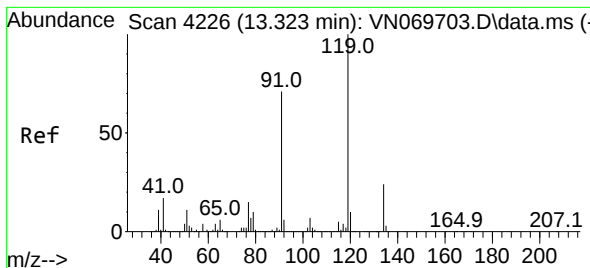
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 17.818 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 91 Resp: 639374
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





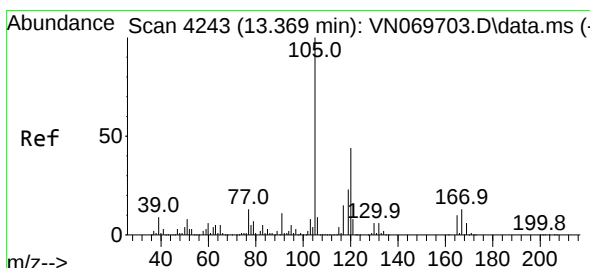
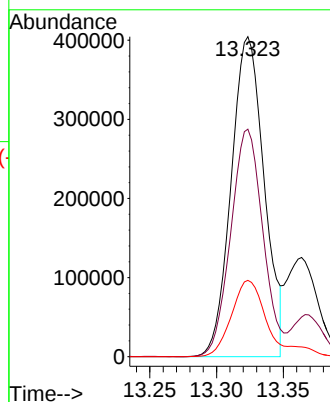
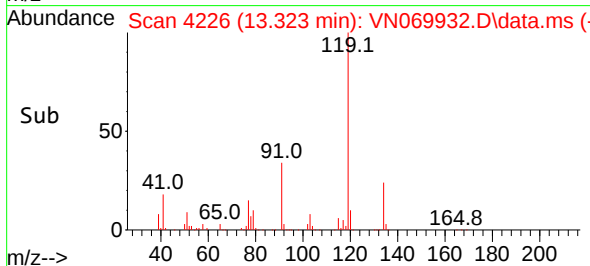
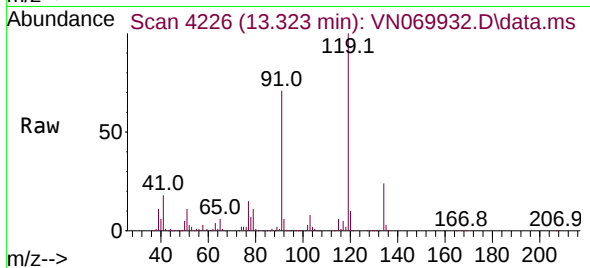
#83
tert-Butylbenzene
Concen: 18.005 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:119 Resp: 69638
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 26.5 12.4 37.4

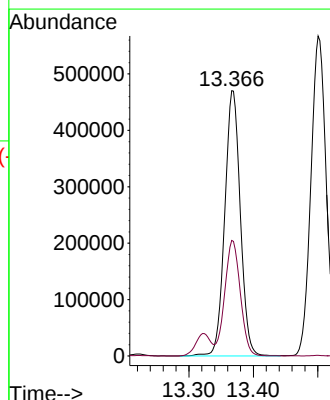
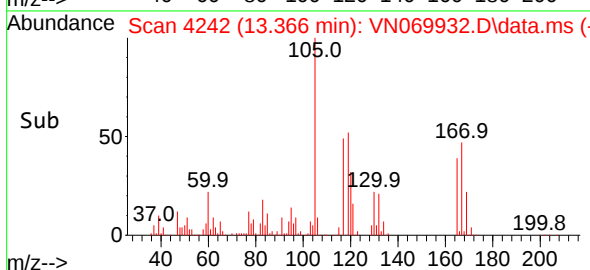
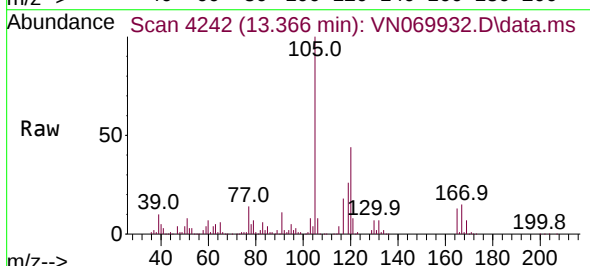
Manual Integrations
APPROVED

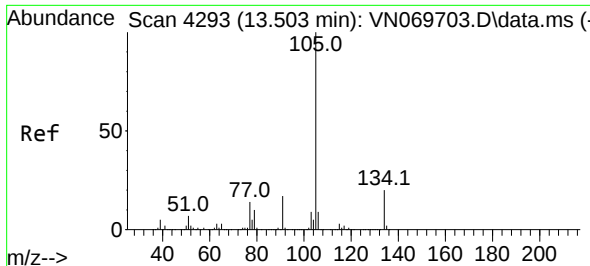
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#84
1,2,4-Trimethylbenzene
Concen: 18.969 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion:105 Resp: 789092
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





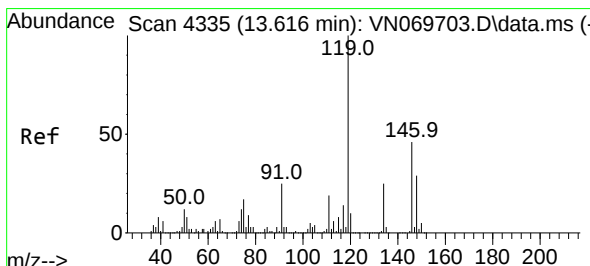
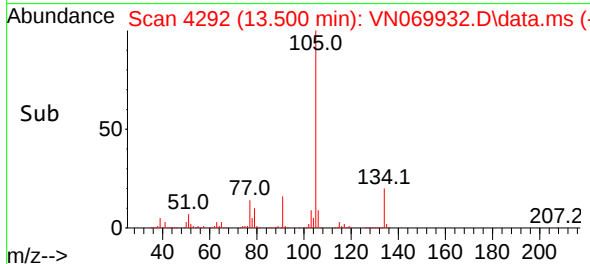
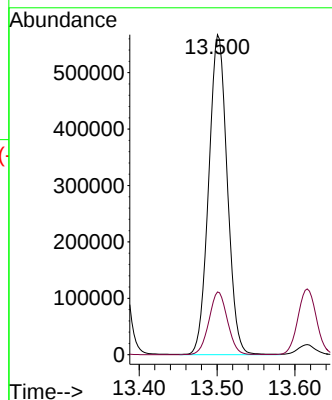
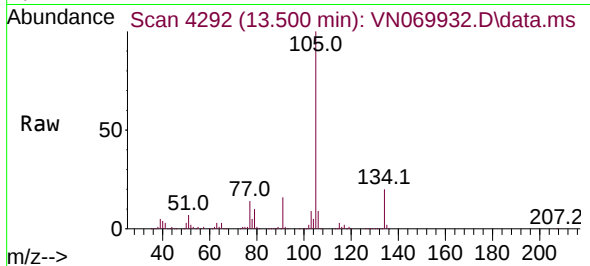
#85
 sec-Butylbenzene
 Concen: 17.872 ug/l
 RT: 13.500 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069932.D
 Acq: 10 Dec 2021 00:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS02

Tgt Ion:105 Resp: 937570
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

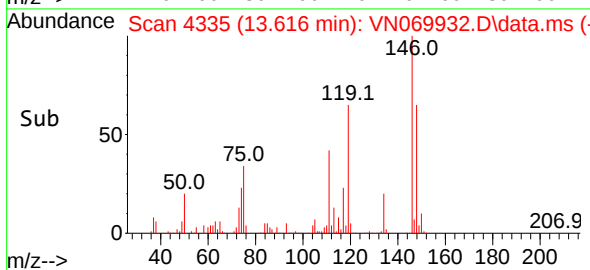
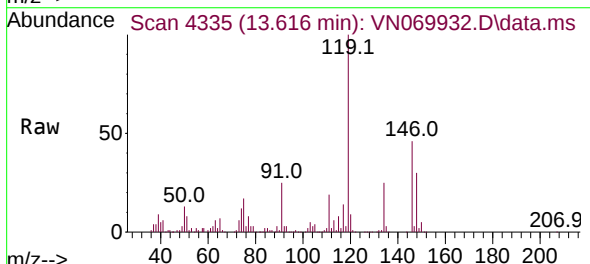
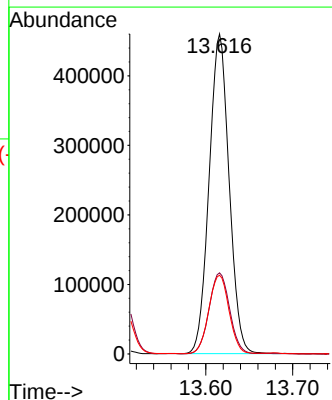
Manual Integrations
 APPROVED

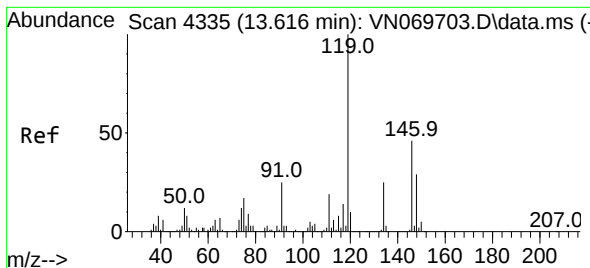
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 17.891 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069932.D
 Acq: 10 Dec 2021 00:49

Tgt Ion:119 Resp: 733643
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 24.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 17.607 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. 0.000 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

Tgt Ion:146 Resp: 368690

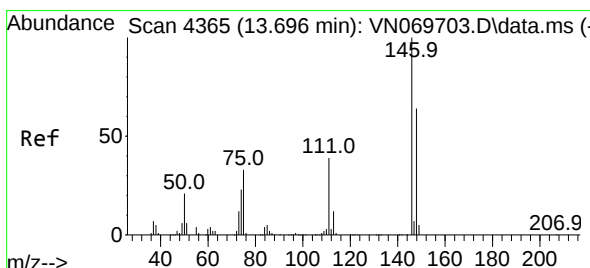
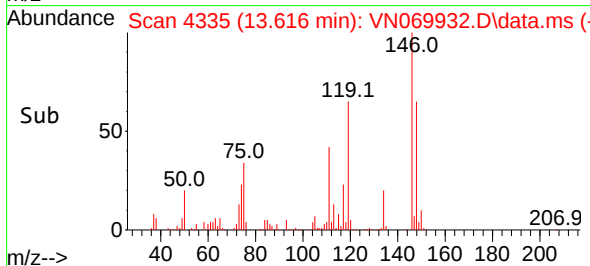
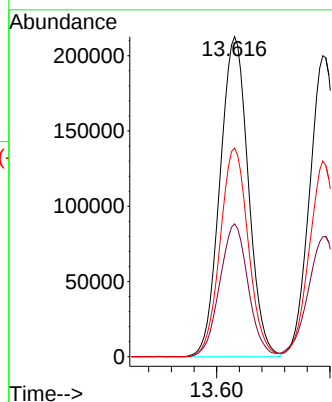
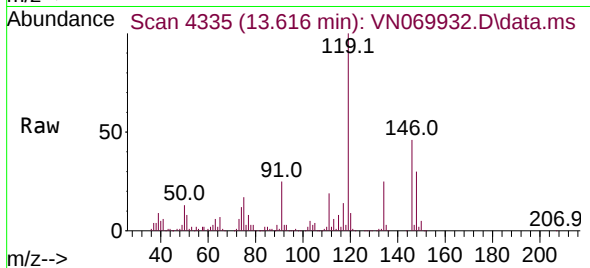
Ion	Ratio	Lower	Upper
146	100		
111	41.7	18.6	55.6
148	64.9	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#88

1,4-Dichlorobenzene

Concen: 17.141 ug/l

RT: 13.694 min Scan# 4364

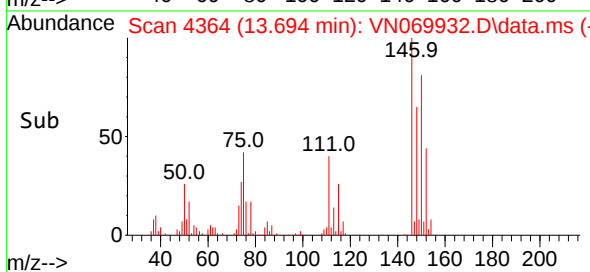
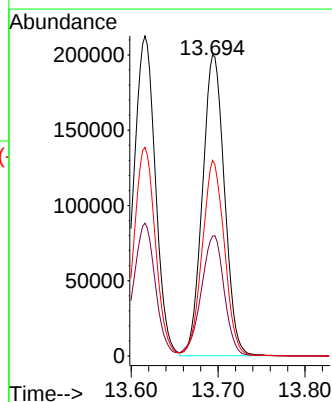
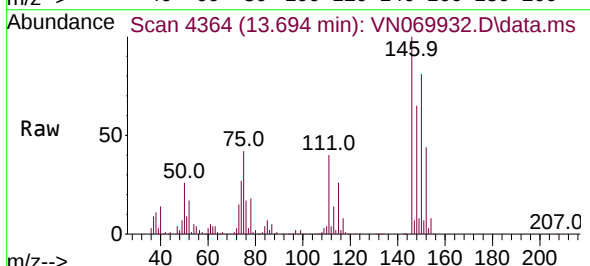
Delta R.T. -0.003 min

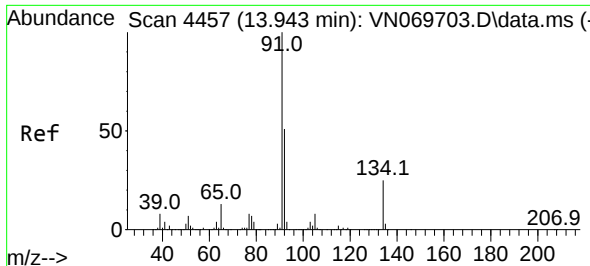
Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Tgt Ion:146 Resp: 352756

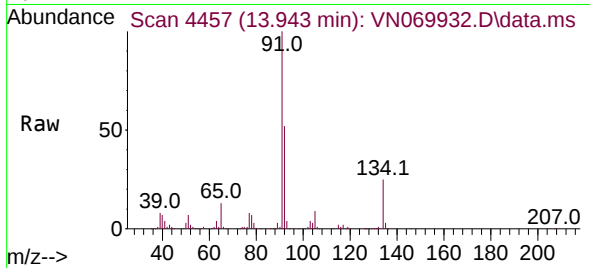
Ion	Ratio	Lower	Upper
146	100		
111	41.3	18.3	54.8
148	64.9	31.8	95.4





#89
n-Butylbenzene
Concen: 16.382 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

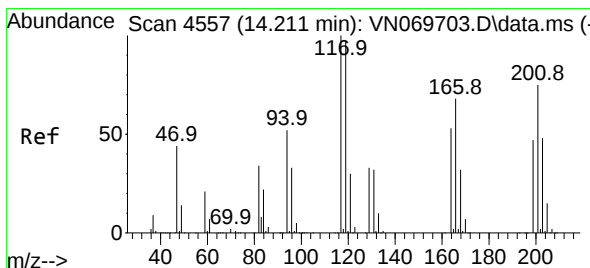
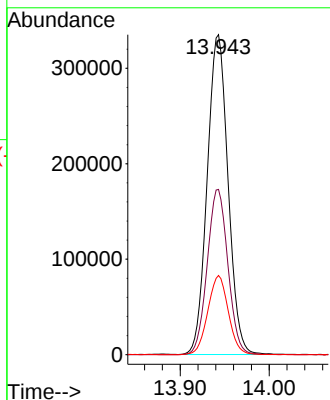
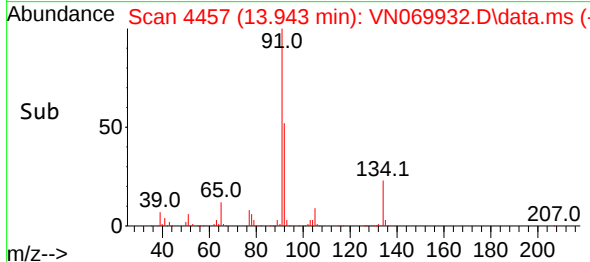
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02



Tgt Ion: 91 Resp: 54494
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.4 13.6 40.8

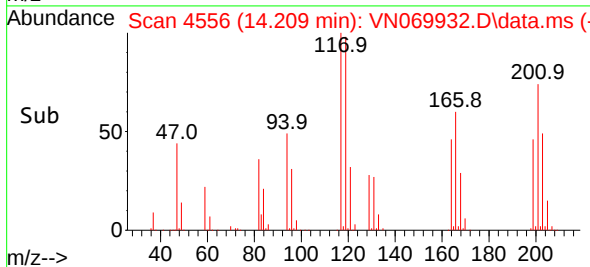
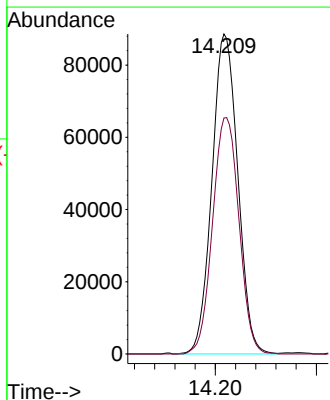
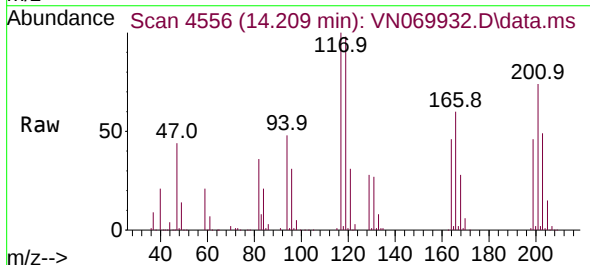
Manual Integrations
APPROVED

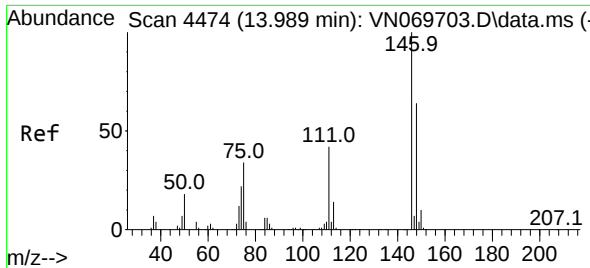
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 21.855 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion:117 Resp: 157350
Ion Ratio Lower Upper
117 100
201 75.3 43.9 131.6





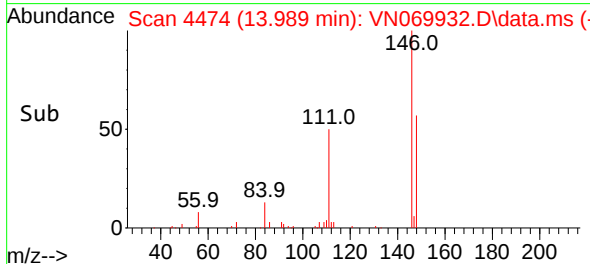
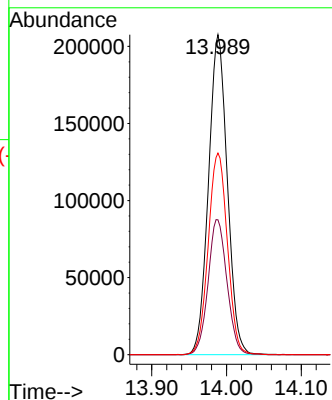
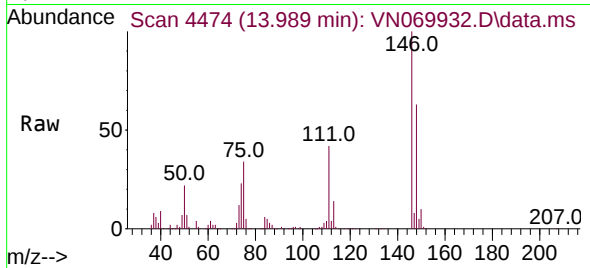
#91
1,2-Dichlorobenzene
Concen: 17.797 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:146 Resp: 363120
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 64.2 32.1 96.3

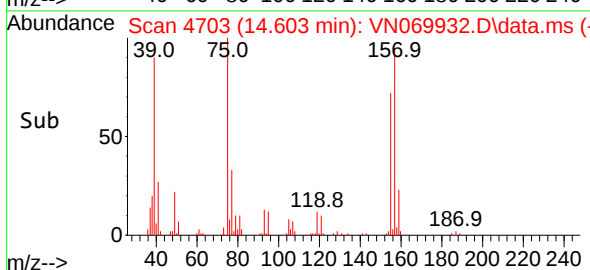
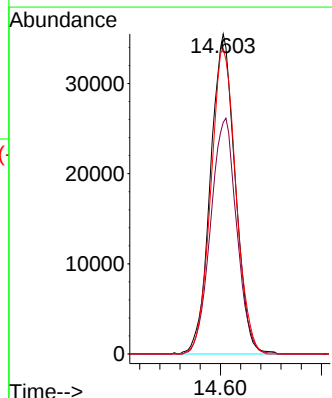
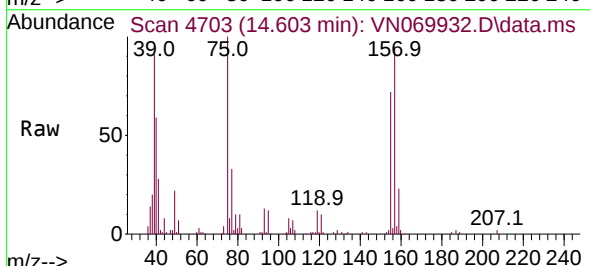
Manual Integrations
APPROVED

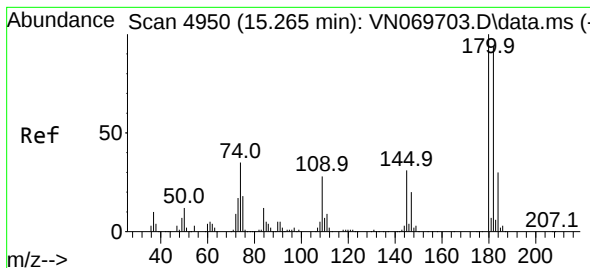
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.787 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion: 75 Resp: 60315
Ion Ratio Lower Upper
75 100
155 77.2 46.9 140.7
157 96.7 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 16.722 ug/l

RT: 15.263 min Scan# 4950

Delta R.T. -0.002 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS02

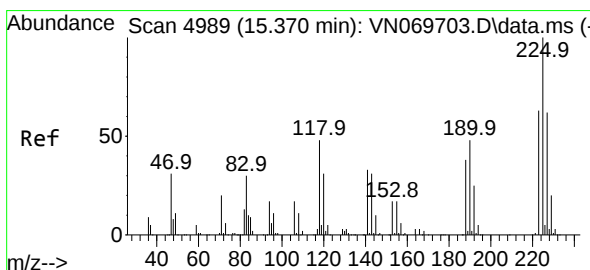
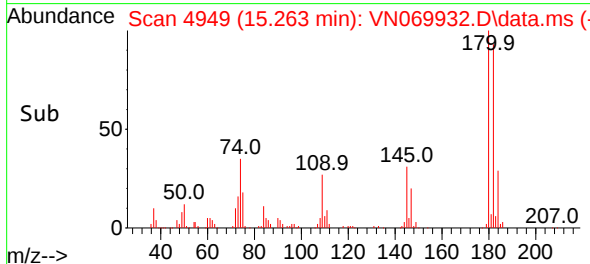
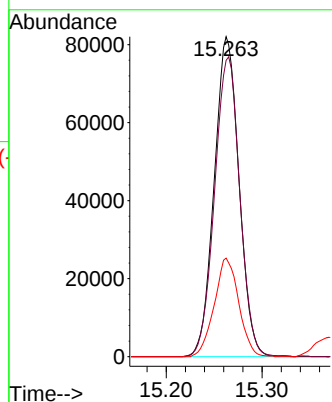
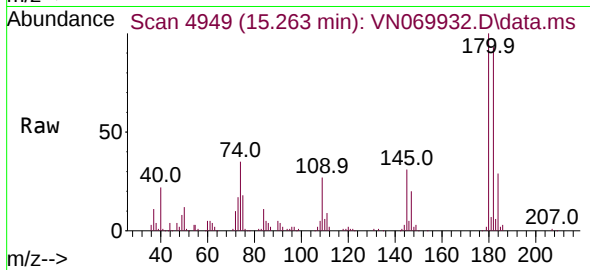
Tgt Ion:180	Resp: 147000
Ion Ratio	Lower Upper
180	100
182	95.3 48.3 144.9
145	30.5 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#94

Hexachlorobutadiene

Concen: 17.552 ug/l

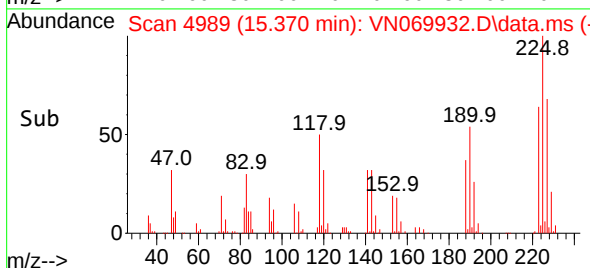
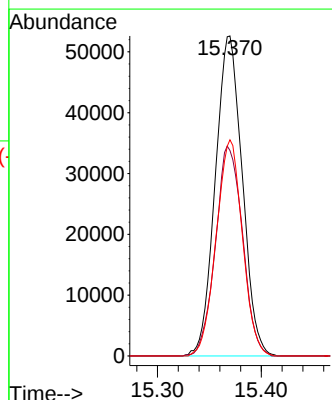
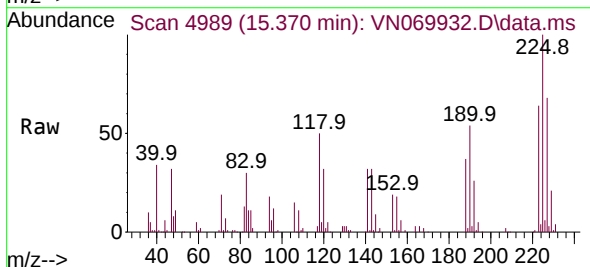
RT: 15.370 min Scan# 4989

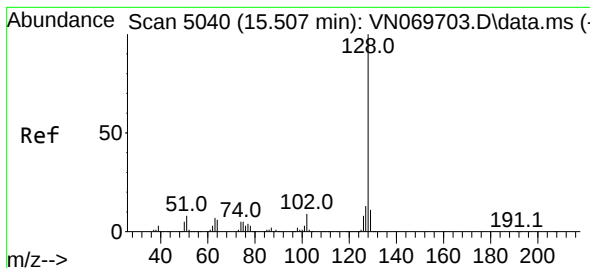
Delta R.T. 0.000 min

Lab File: VN069932.D

Acq: 10 Dec 2021 00:49

Tgt Ion:225	Resp: 94910
Ion Ratio	Lower Upper
225	100
223	65.9 31.9 95.7
227	65.8 32.1 96.3





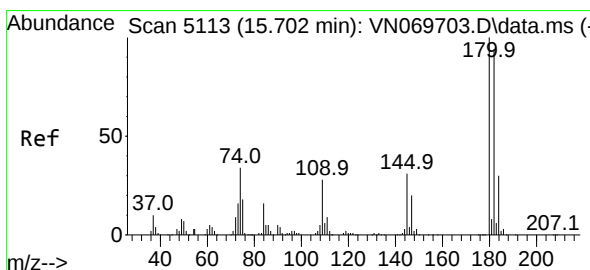
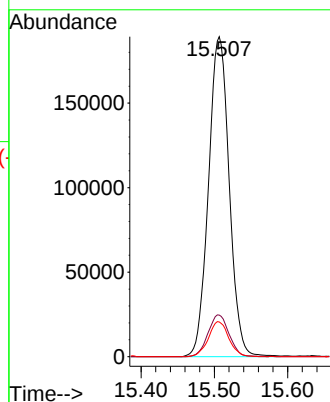
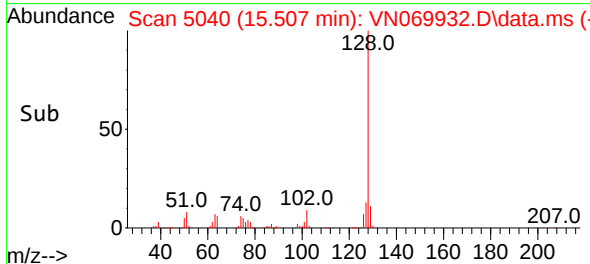
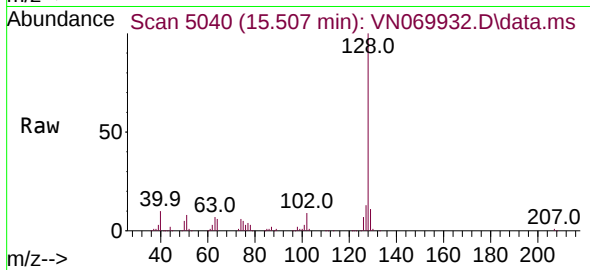
#95
Naphthalene
Concen: 15.476 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS02

Tgt Ion:128 Resp: 37218
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 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: 16.399 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069932.D
Acq: 10 Dec 2021 00:49

Tgt Ion:180 Resp: 143153
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 33.0 15.0 45.1

