

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069755.D
 Acq On : 4 Dec 2021 7:45
 Operator : JC/MD
 Sample : M4919-05MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD

Quant Time: Dec 04 08:26:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1035797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1735809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1644967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	704494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	796819	49.824	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.640%		
35) Dibromofluoromethane	8.021	113	545246	50.148	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.300%		
50) Toluene-d8	10.440	98	2153891	49.336	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.728	95	789258	49.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	669608	55.427	ug/l	100
3) Chloromethane	2.303	50	820328	54.200	ug/l	100
4) Vinyl Chloride	2.448	62	739279	53.121	ug/l #	75
5) Bromomethane	2.848	94	284588	37.640	ug/l	99
6) Chloroethane	3.019	64	488483	57.279	ug/l	95
7) Trichlorofluoromethane	3.376	101	962735	52.708	ug/l	100
8) Diethyl Ether	3.824	74	386875	54.995	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	542557	52.991	ug/l	95
10) Methyl Iodide	4.419	142	608684	43.517	ug/l	97
11) Tert butyl alcohol	5.374	59	628367	207.861	ug/l	99
12) 1,1-Dichloroethene	4.181	96	534220	54.145	ug/l	87
13) Acrolein	4.041	56	495171	192.347	ug/l	97
14) Allyl chloride	4.838	41	1033095	46.468	ug/l	94
15) Acrylonitrile	5.554	53	2000654	245.602	ug/l	98
16) Acetone	4.285	43	1845765	191.861	ug/l	97
17) Carbon Disulfide	4.529	76	1519013	59.593	ug/l	100
18) Methyl Acetate	4.854	43	1327431	45.713	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	2107356	54.932	ug/l	96
20) Methylene Chloride	5.095	84	651495	50.941	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	573732	53.538	ug/l #	83
22) Diisopropyl ether	6.498	45	2419515	55.679	ug/l	92
23) Vinyl Acetate	6.434	43	9259887	261.926	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1238831	55.034	ug/l	98
25) 2-Butanone	7.335	43	2965743	226.890	ug/l	92
26) 2,2-Dichloropropane	7.327	77	770313	44.013	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	693842	53.589	ug/l	88
28) Bromochloromethane	7.656	49	600894	51.334	ug/l #	79
29) Tetrahydrofuran	7.683	42	1952027	245.935	ug/l	88
30) Chloroform	7.817	83	1228976	54.060	ug/l	99
31) Cyclohexane	8.094	56	1148691	51.612	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	1052020	54.327	ug/l	96
36) 1,1-Dichloropropene	8.222	75	902948	54.643	ug/l	96
37) Ethyl Acetate	7.412	43	1125222	45.751	ug/l	95
38) Carbon Tetrachloride	8.206	117	892437	55.075	ug/l	99
39) Methylcyclohexane	9.459	83	1044493	53.140	ug/l	90
40) Benzene	8.461	78	2702848	53.513	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	611688	52.981	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	1089196	53.420	ug/l	96
43) Isopropyl Acetate	8.560	43	1852331	50.894	ug/l #	94
44) Trichloroethene	9.215	130	676217	56.093	ug/l	91
45) 1,2-Dichloropropane	9.488	63	733675	54.092	ug/l	100
46) Dibromomethane	9.577	93	479394	53.893	ug/l	93
47) Bromodichloromethane	9.762	83	941392	55.896	ug/l	100
48) Methyl methacrylate	9.558	41	902738	53.149	ug/l	89
49) 1,4-Dioxane	9.569	88	264960	869.397	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	6253763	264.868	ug/l	94
52) Toluene	10.505	92	1675141	54.324	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	967754	47.892	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1050507	49.430	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	667987	53.689	ug/l	98
56) Ethyl methacrylate	10.760	69	1162928	49.558	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1194667	54.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.076	63	1493	18.607	ug/l #	45
59) 2-Hexanone	11.084	43	4471851	250.371	ug/l	93
60) Dibromochloromethane	11.237	129	680884	51.025	ug/l	100
61) 1,2-Dibromoethane	11.344	107	703010	54.553	ug/l	99
64) Tetrachloroethene	10.977	164	581853	52.165	ug/l	95
65) Chlorobenzene	11.768	112	1782604	53.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	645814	54.983	ug/l	99
67) Ethyl Benzene	11.843	91	3314025	54.670	ug/l	95
68) m/p-Xylenes	11.950	106	2414561	109.396	ug/l	92
69) o-Xylene	12.280	106	1219876	54.870	ug/l	92
70) Styrene	12.294	104	1973068	55.968	ug/l	95
71) Bromoform	12.457	173	484874	48.360	ug/l #	100
73) Isopropylbenzene	12.578	105	3182812	50.779	ug/l	99
74) N-amyl acetate	12.387	43	1385869	49.996	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1068510	49.297	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	921406m	45.607	ug/l	
77) Bromobenzene	12.860	156	738816	50.182	ug/l	82
78) n-propylbenzene	12.919	91	3662266	52.506	ug/l	96
79) 2-Chlorotoluene	13.007	91	2257737	51.228	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2609884	51.732	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	109917	20.421	ug/l	92
82) 4-Chlorotoluene	13.104	91	2155723	52.011	ug/l	92
83) tert-Butylbenzene	13.321	119	2288109	51.220	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2565258	53.391	ug/l	99
85) sec-Butylbenzene	13.501	105	3129030	51.639	ug/l	98
86) p-Isopropyltoluene	13.613	119	2526882	53.351	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1255802	51.920	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1217831	51.235	ug/l	97
89) n-Butylbenzene	13.940	91	2062523	53.682	ug/l	98
90) Hexachloroethane	14.209	117	349509	42.030	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	1216775	51.631	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	190720	48.695	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	582101	50.340	ug/l	98
94) Hexachlorobutadiene	15.370	225	298883	47.854	ug/l	99
95) Naphthalene	15.504	128	1791203	51.865	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	588405	52.125	ug/l	98

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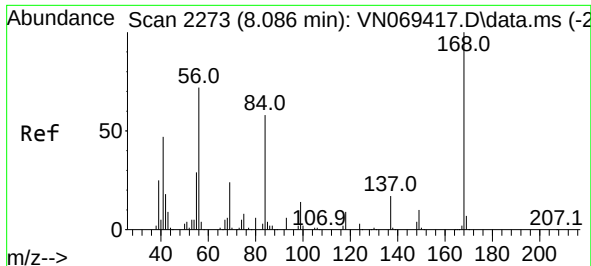
Manual Integrations
APPROVED

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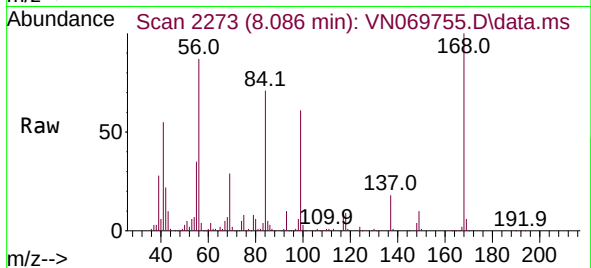
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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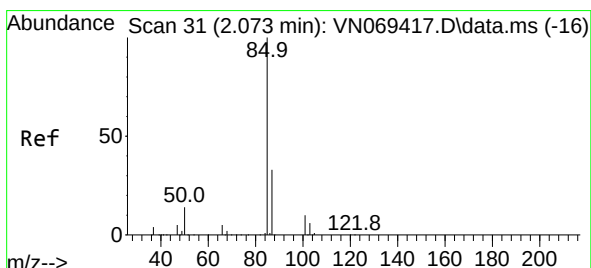
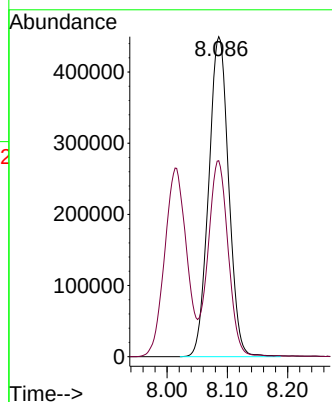
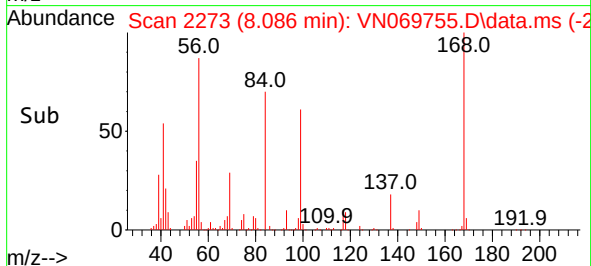
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ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:168 Resp: 103579
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9

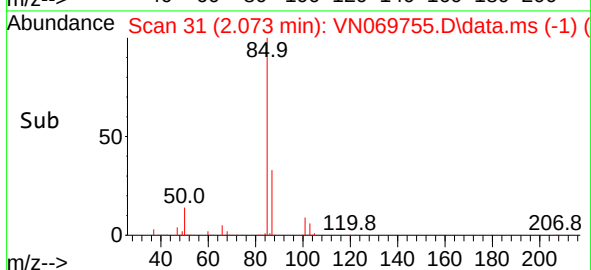
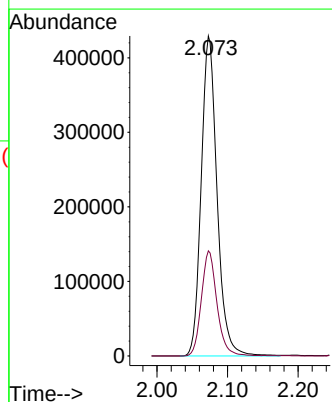
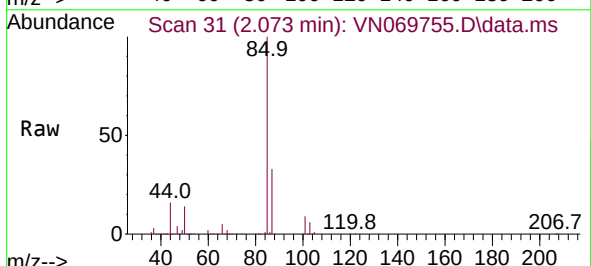
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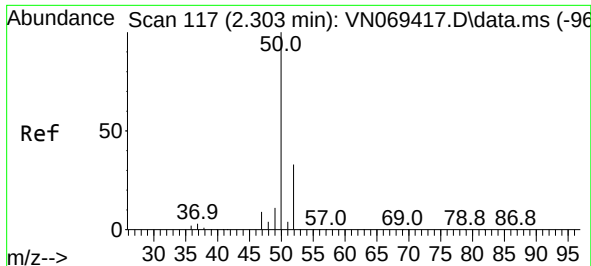
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#2
Dichlorodifluoromethane
Concen: 55.427 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

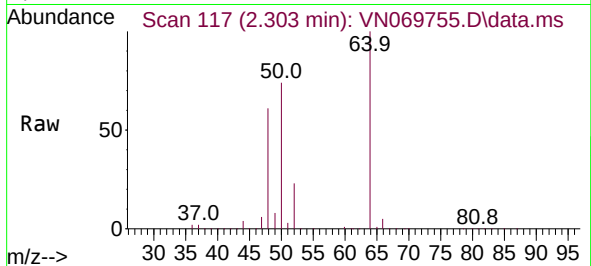
Tgt Ion: 85 Resp: 669608
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9





#3
Chloromethane
Concen: 54.200 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

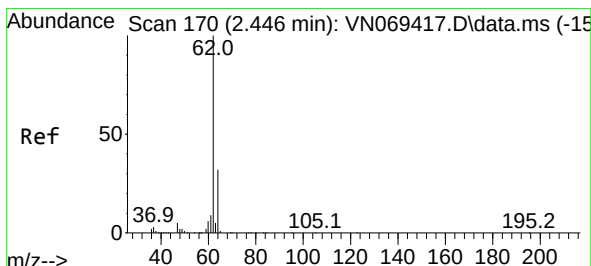
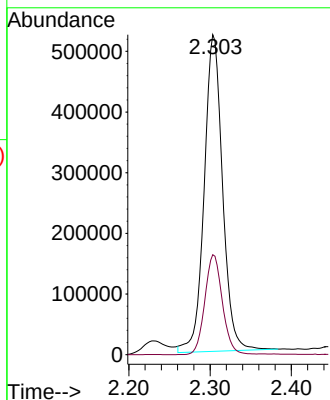
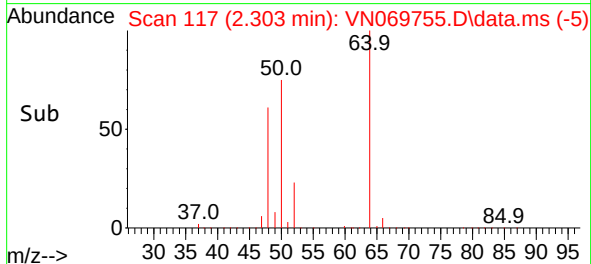
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Tgt Ion: 50 Resp: 820328
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

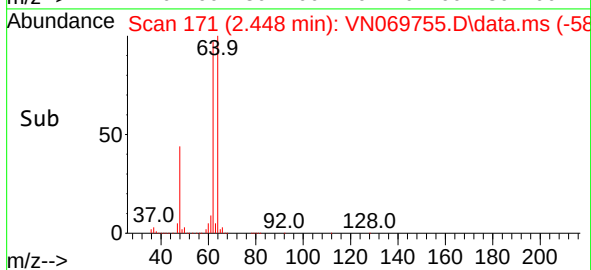
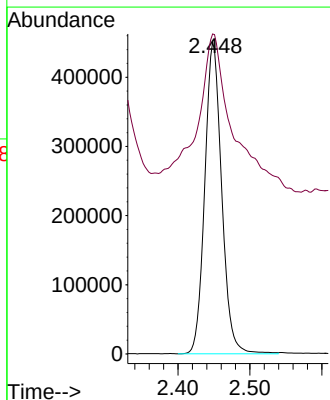
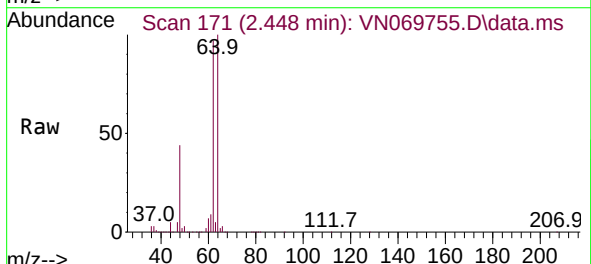
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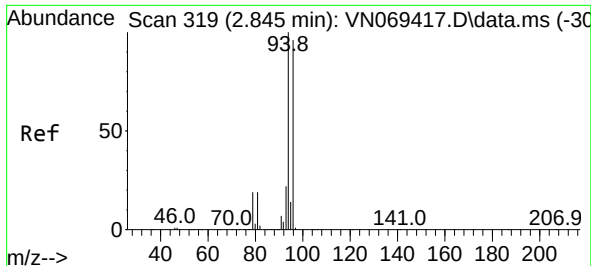
Reviewed By :John Carlone 12/04/2021
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#4
Vinyl Chloride
Concen: 53.121 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

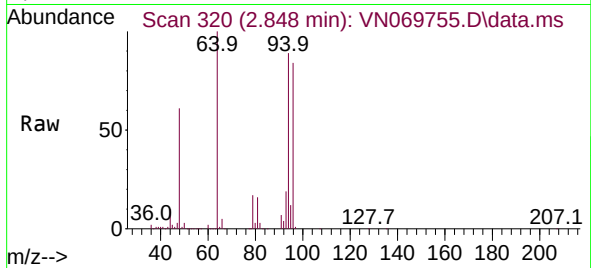
Tgt Ion: 62 Resp: 739279
Ion Ratio Lower Upper
62 100
64 46.0 25.8 38.6#





#5
Bromomethane
Concen: 37.640 ug/l
RT: 2.848 min Scan# 319
Delta R.T. 0.011 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

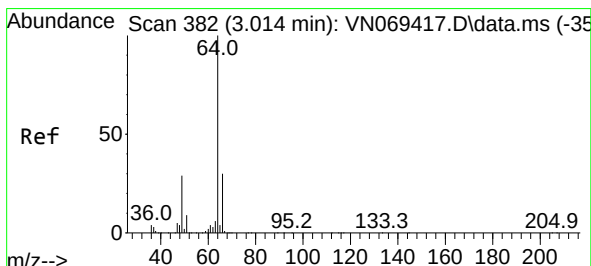
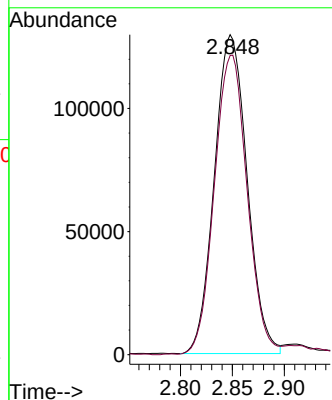
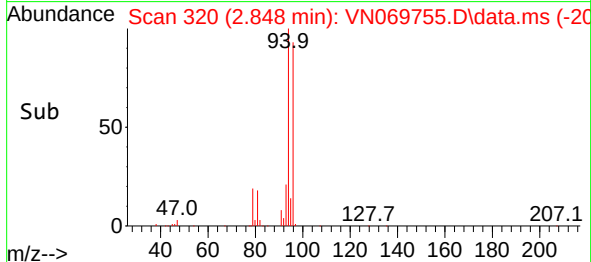
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Tgt Ion: 94 Resp: 284588
Ion Ratio Lower Upper
94 100
96 93.6 73.8 110.8

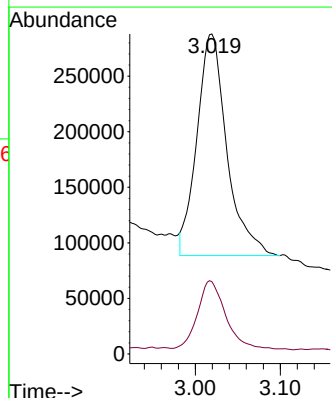
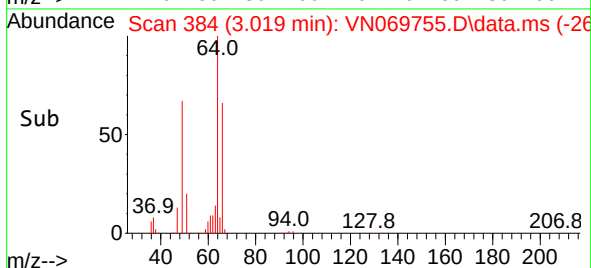
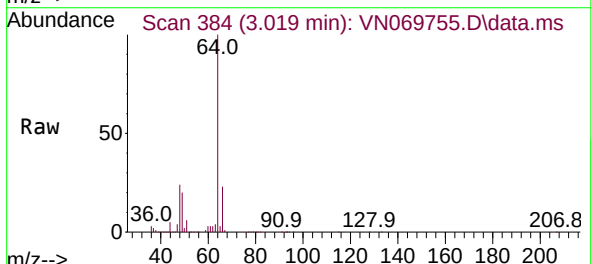
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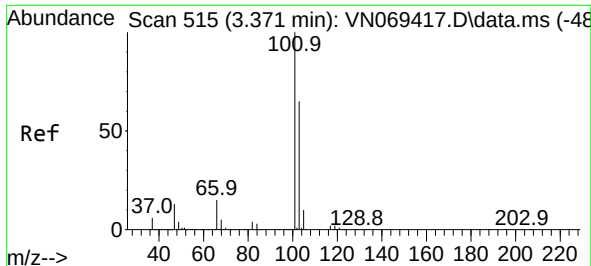
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#6
Chloroethane
Concen: 57.279 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

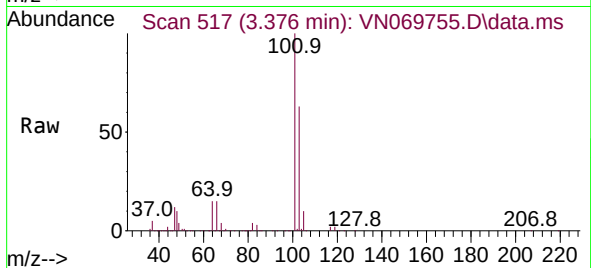
Tgt Ion: 64 Resp: 488483
Ion Ratio Lower Upper
64 100
66 30.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 52.708 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.008 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

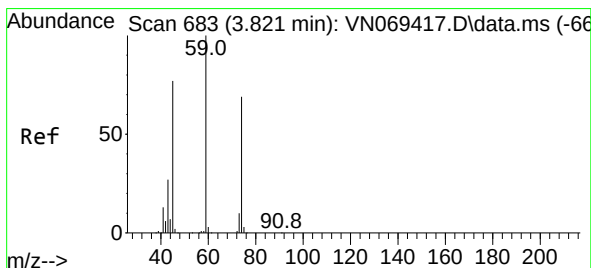
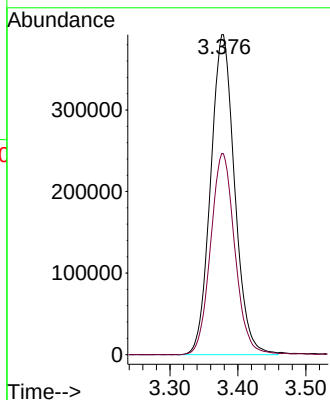
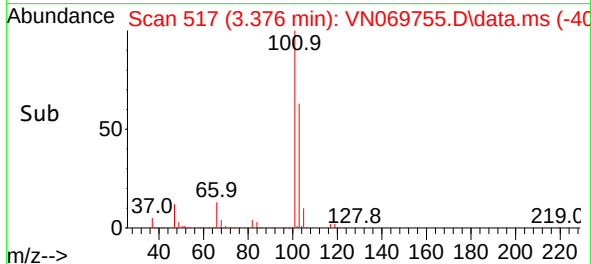
Instrument :
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Tgt Ion:101 Resp: 962735
Ion Ratio Lower Upper
101 100
103 62.9 50.1 75.1

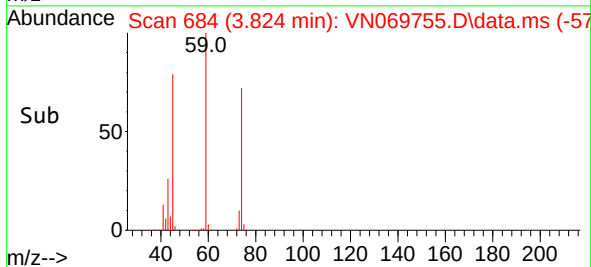
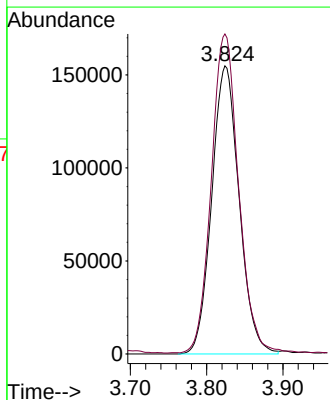
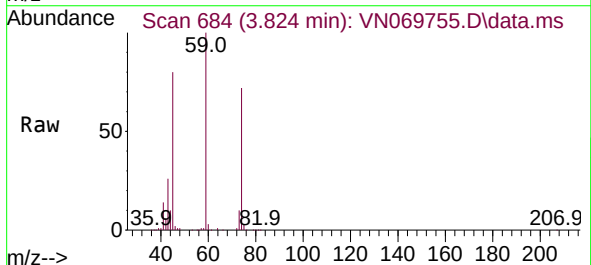
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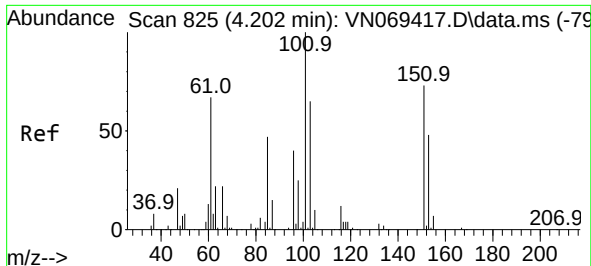
Reviewed By :John Carlone 12/04/2021
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#8
Diethyl Ether
Concen: 54.995 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069755.D
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Tgt Ion: 74 Resp: 386875
Ion Ratio Lower Upper
74 100
45 109.7 47.0 141.2





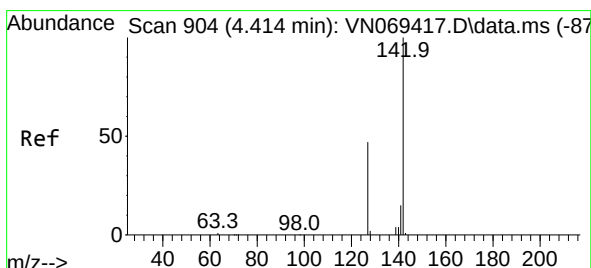
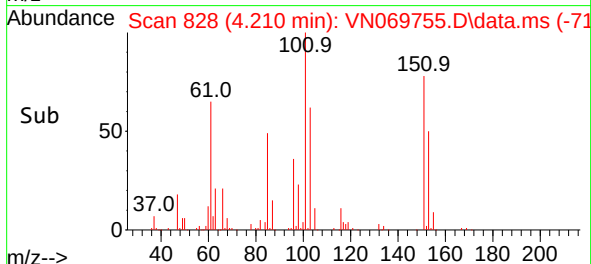
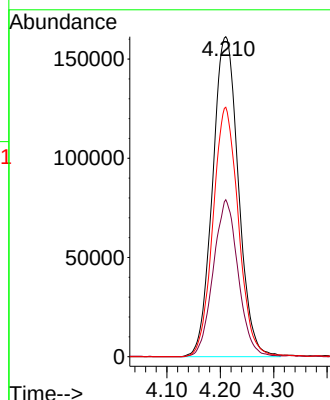
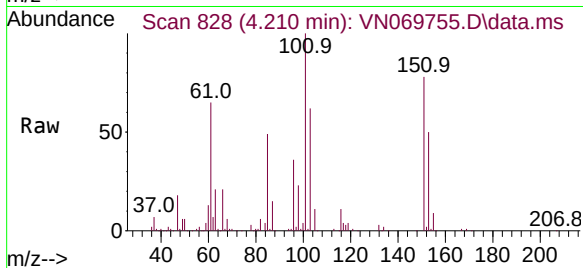
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.991 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

Tgt Ion:101 Resp: 54255
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 76.7 65.9 98.9

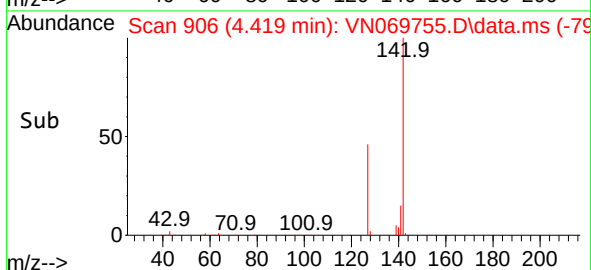
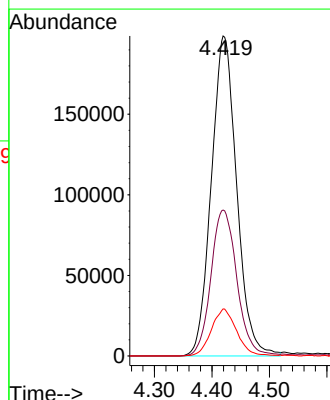
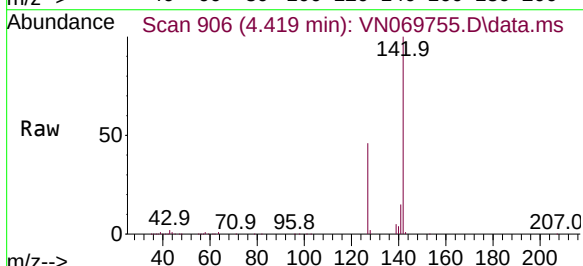
Manual Integrations
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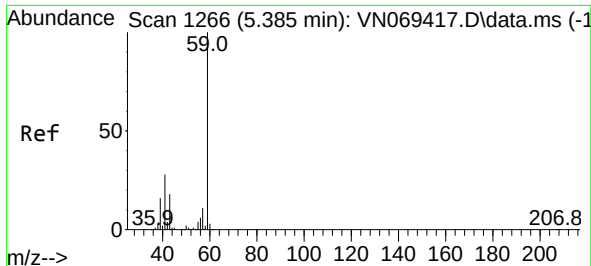
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 43.517 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

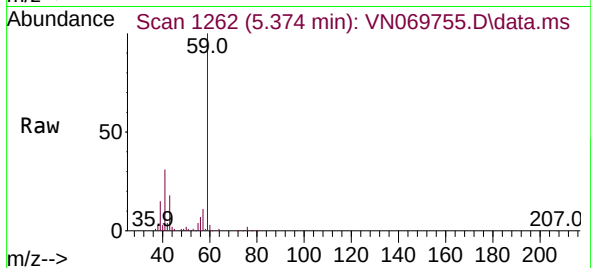
Tgt Ion:142 Resp: 608684
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 207.861 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

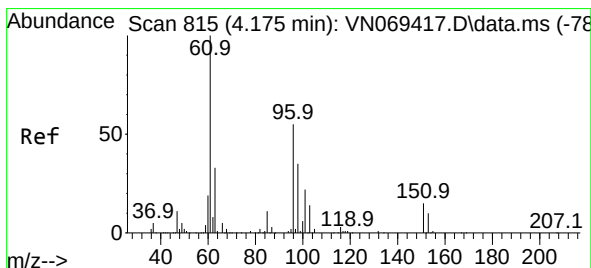
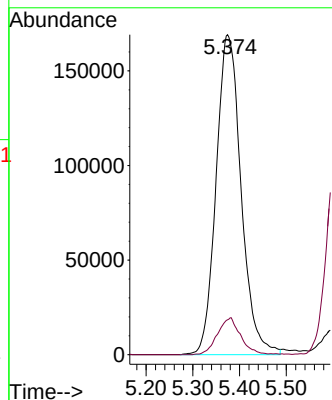
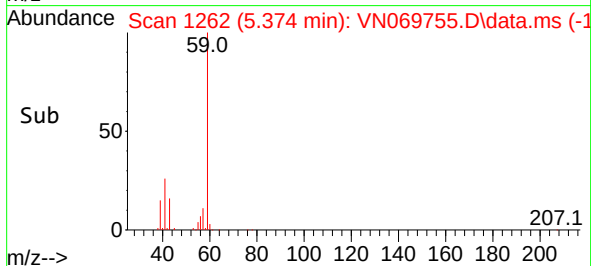
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



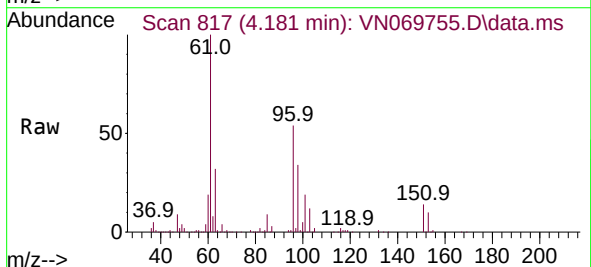
Tgt Ion: 59 Resp: 62836
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

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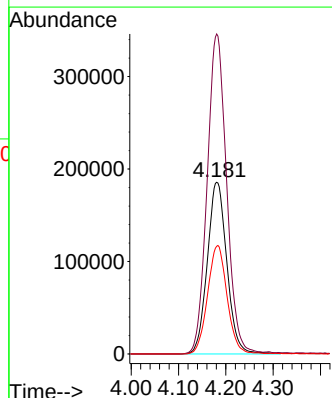
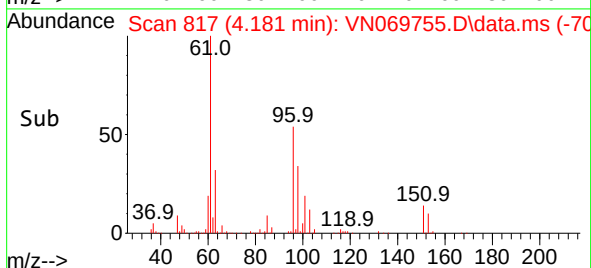
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

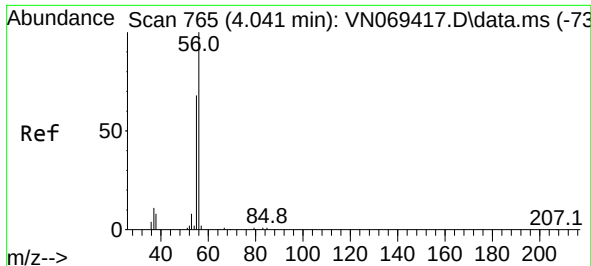


#12
1,1-Dichloroethene
Concen: 54.145 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



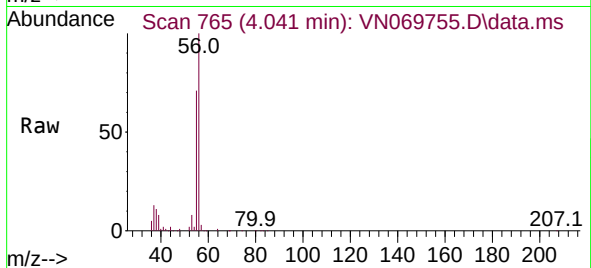
Tgt Ion: 96 Resp: 534220
Ion Ratio Lower Upper
96 100
61 186.4 131.0 196.6
98 62.7 52.4 78.6





#13
Acrolein
Concen: 192.347 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

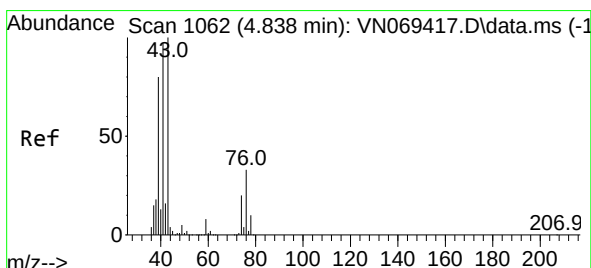
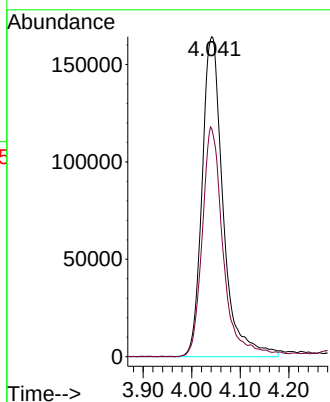
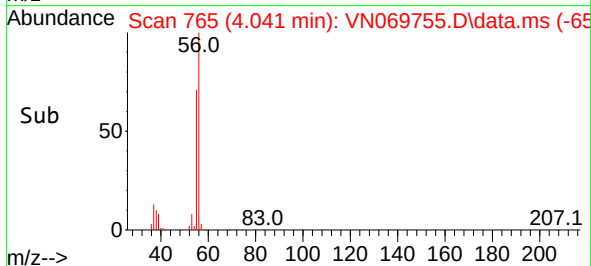
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



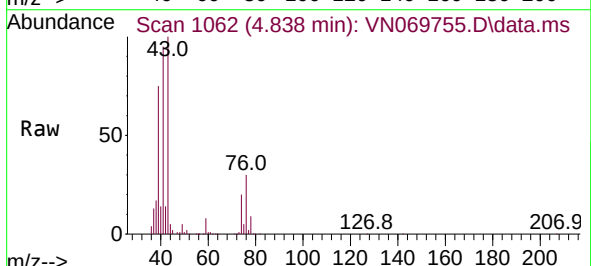
Tgt Ion: 56 Resp: 49517
Ion Ratio Lower Upper
56 100
55 68.6 56.6 85.0

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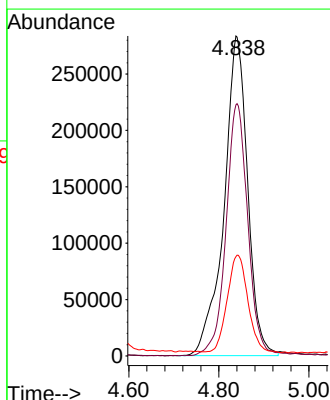
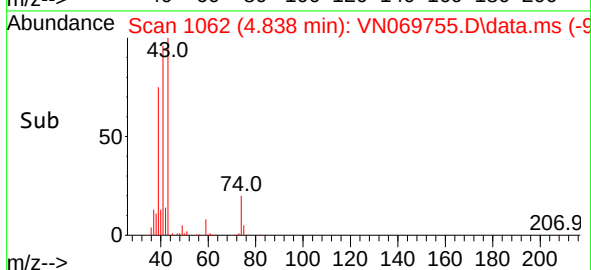
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

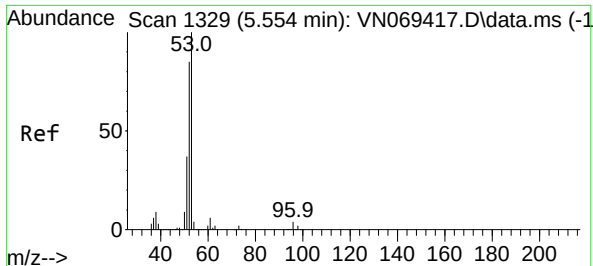


#14
Allyl chloride
Concen: 46.468 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



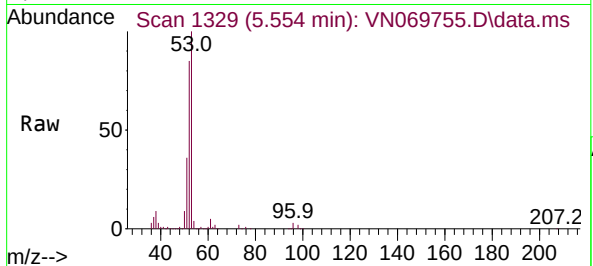
Tgt Ion: 41 Resp: 1033095
Ion Ratio Lower Upper
41 100
39 72.5 61.2 91.8
76 26.6 26.0 39.0





#15
Acrylonitrile
Concen: 245.602 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

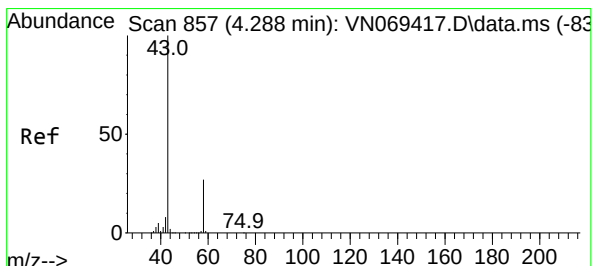
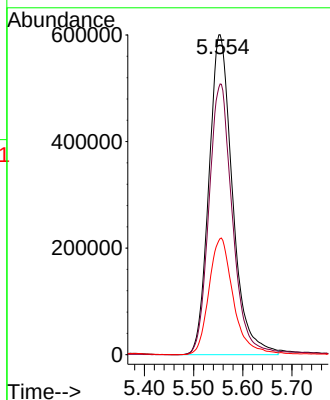
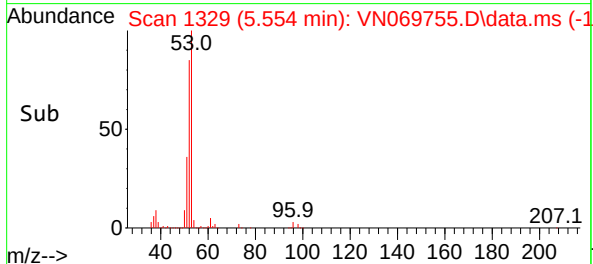
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 53 Resp: 2000654
Ion Ratio Lower Upper
53 100
52 84.6 66.2 99.2
51 38.0 29.6 44.4

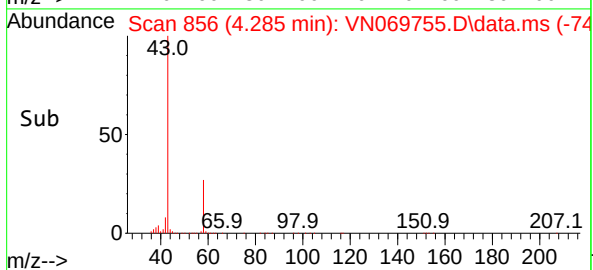
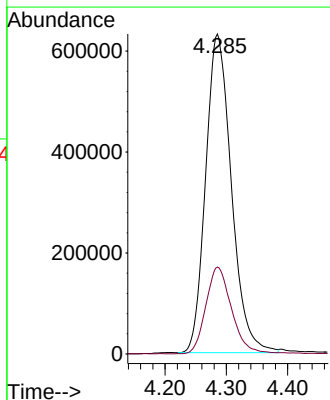
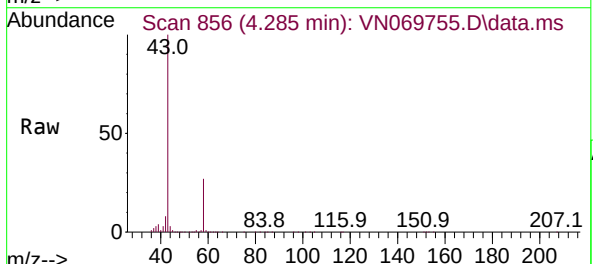
Manual Integrations
APPROVED

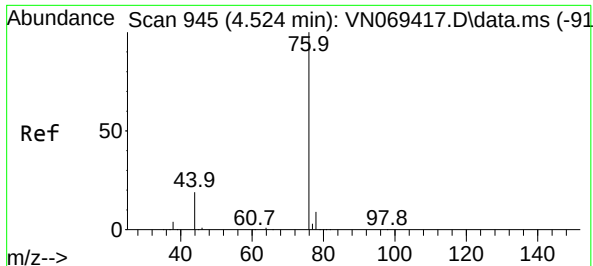
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 191.861 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Tgt Ion: 43 Resp: 1845765
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





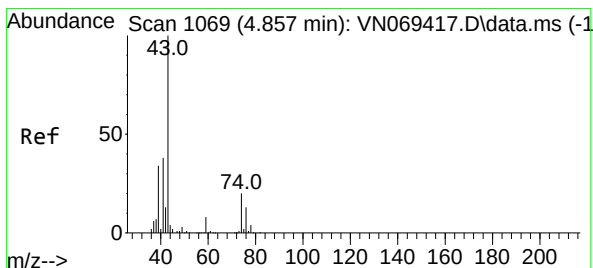
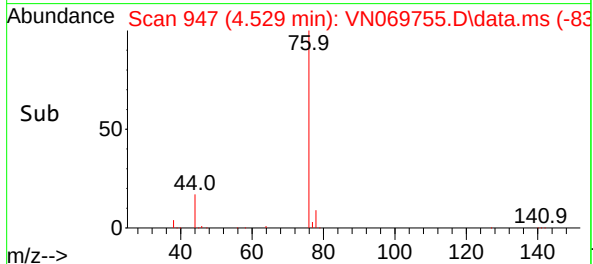
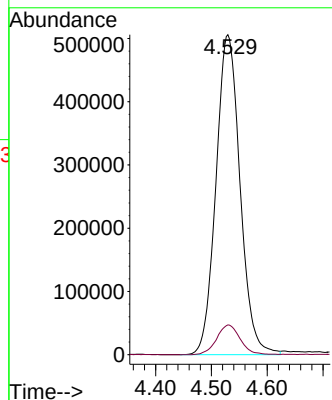
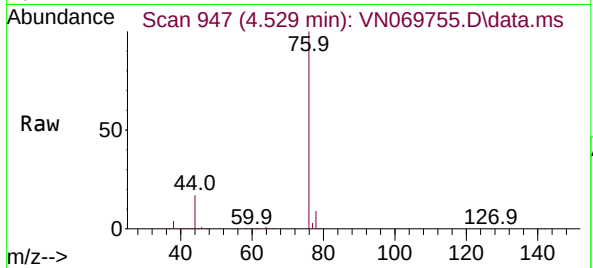
#17
Carbon Disulfide
Concen: 59.593 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

Tgt Ion: 76 Resp: 151901
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

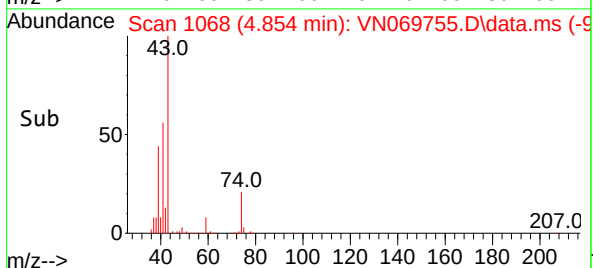
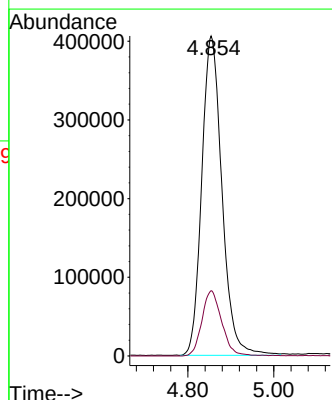
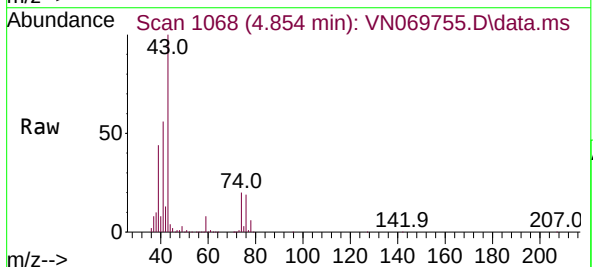
Manual Integrations
APPROVED

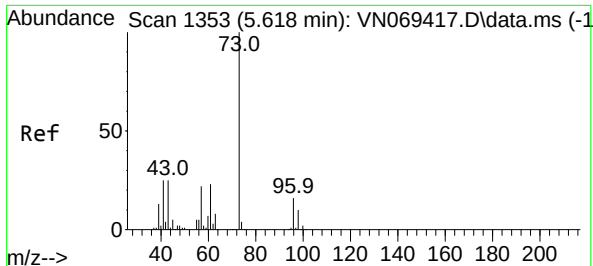
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 45.713 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

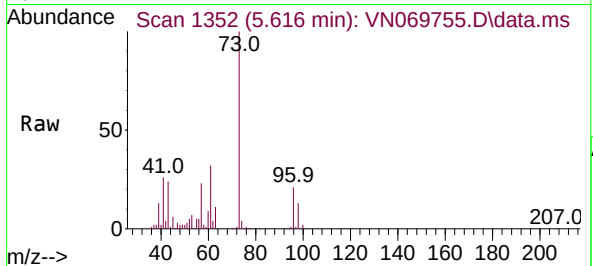
Tgt Ion: 43 Resp: 1327431
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 54.932 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

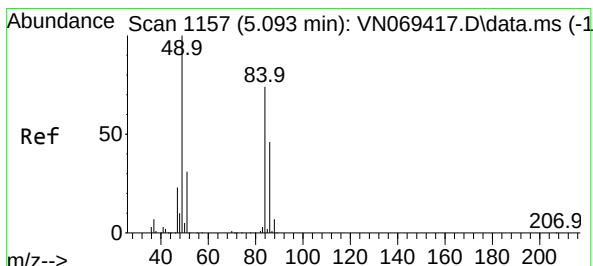
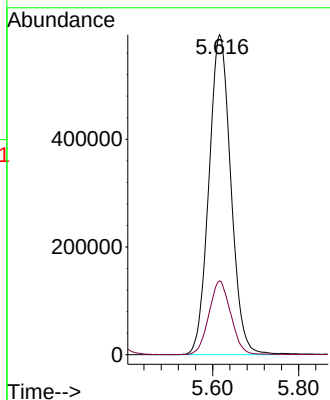
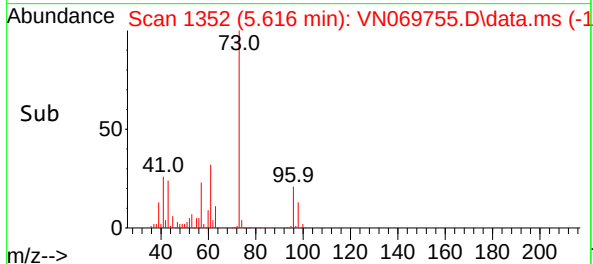
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 73 Resp: 210735
Ion Ratio Lower Upper
73 100
57 23.0 16.8 25.2

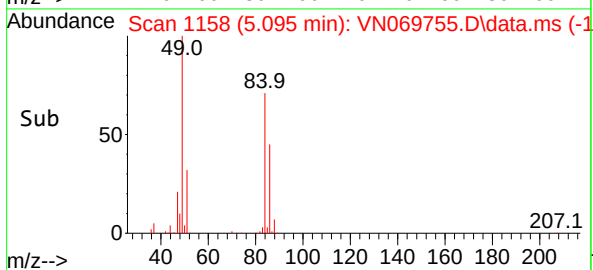
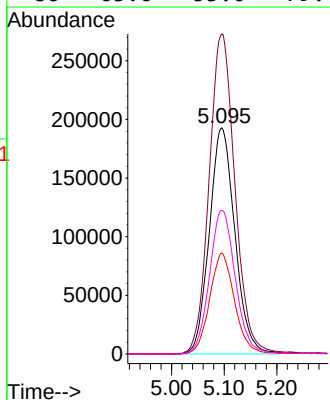
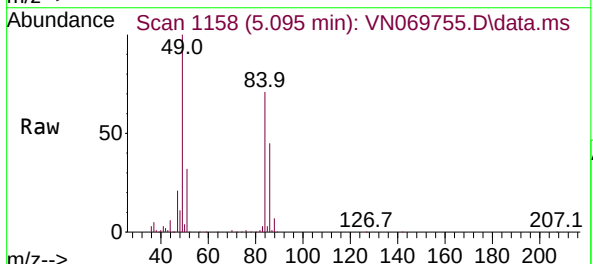
Manual Integrations
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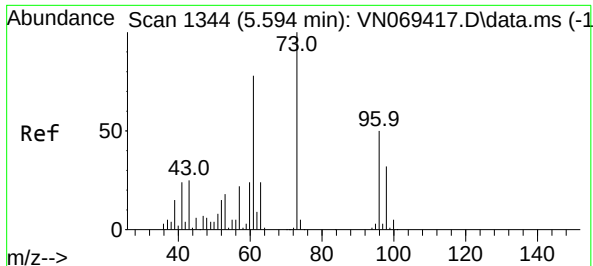
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 50.941 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

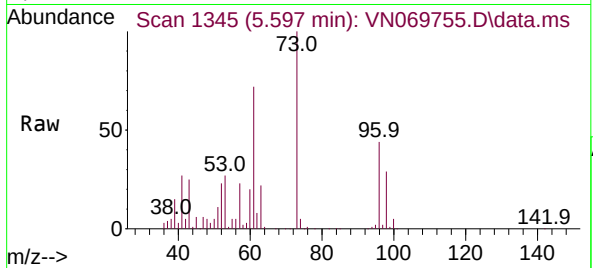
Tgt Ion: 84 Resp: 651495
Ion Ratio Lower Upper
84 100
49 141.4 93.5 140.3#
51 44.7 29.4 44.2#
86 63.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 53.538 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

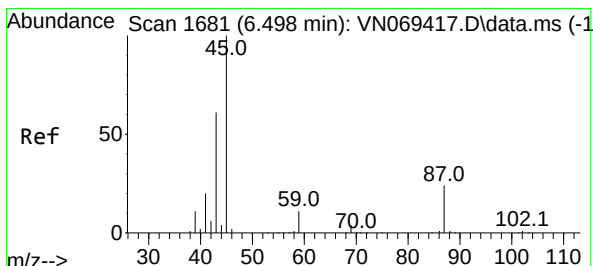
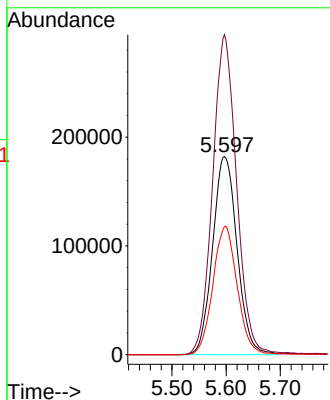
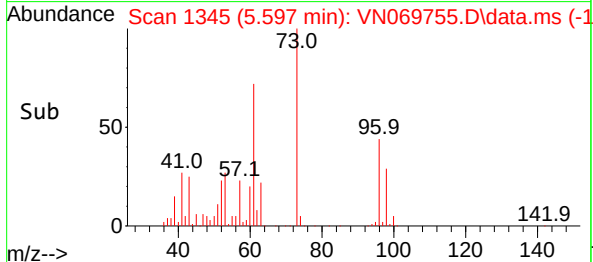
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 96 Resp: 573732
Ion Ratio Lower Upper
96 100
61 161.5 105.8 158.6
98 64.6 52.0 78.0

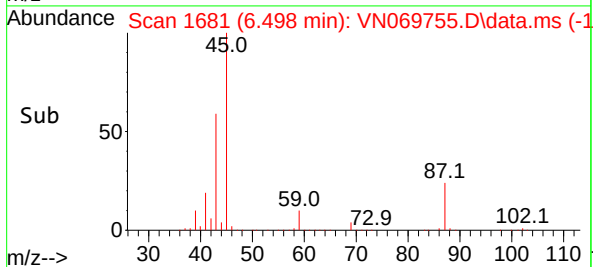
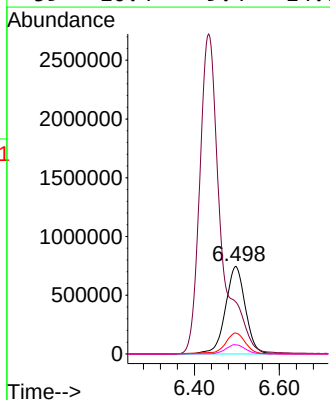
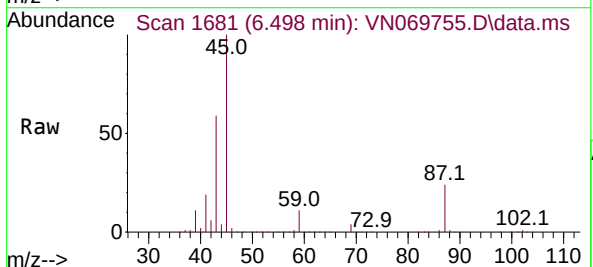
Manual Integrations
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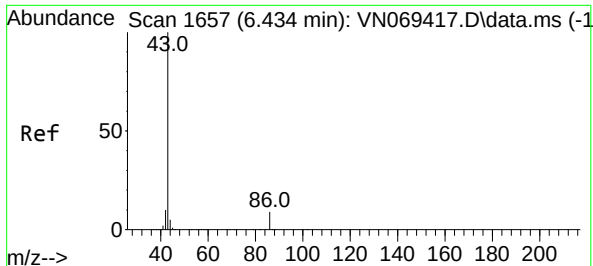
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#22
Diisopropyl ether
Concen: 55.679 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

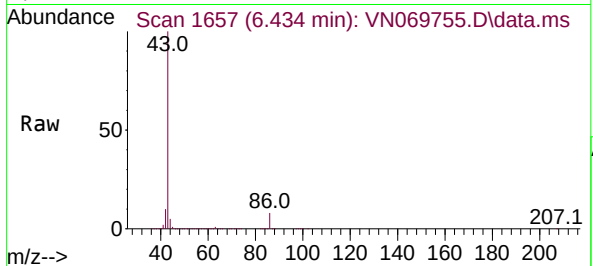
Tgt Ion: 45 Resp: 2419515
Ion Ratio Lower Upper
45 100
43 58.9 51.7 77.5
87 23.7 23.2 34.8
59 10.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 261.926 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45

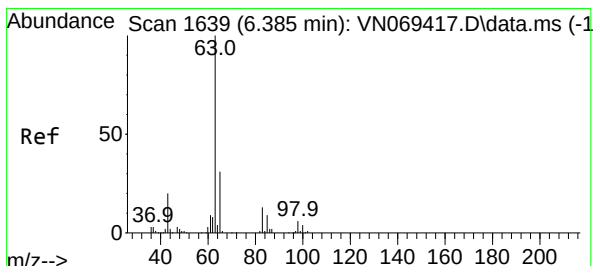
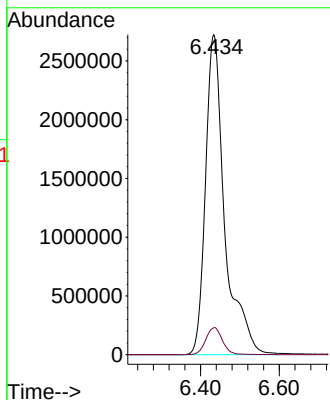
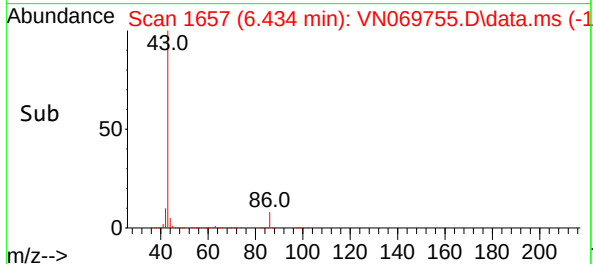
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD



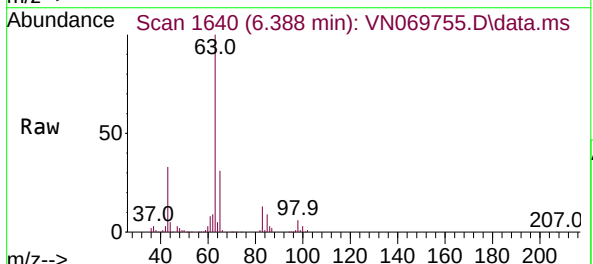
Tgt Ion: 43 Resp: 925988
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

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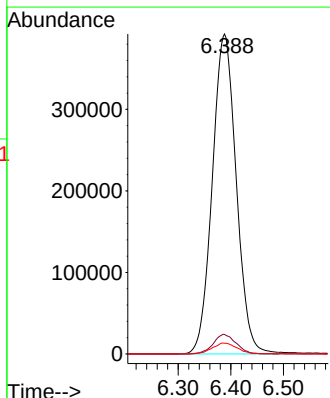
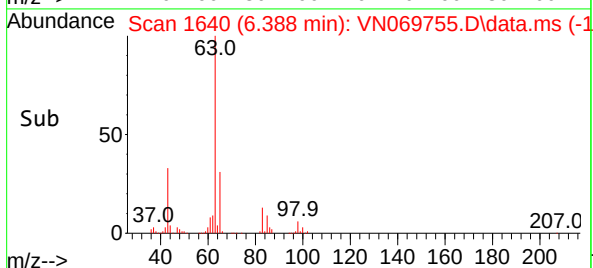
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

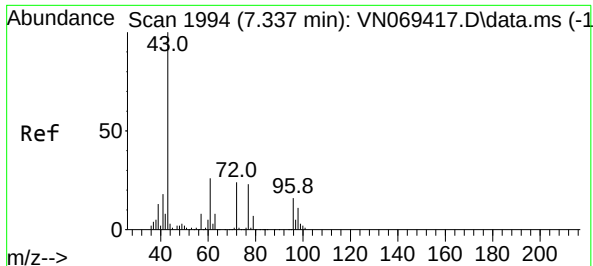


#24
 1,1-Dichloroethane
 Concen: 55.034 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45



Tgt Ion: 63 Resp: 1238831
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.4 2.1 6.5





#25

2-Butanone

Concen: 226.890 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD

Tgt Ion: 43 Resp: 296574

Ion Ratio Lower Upper

43 100

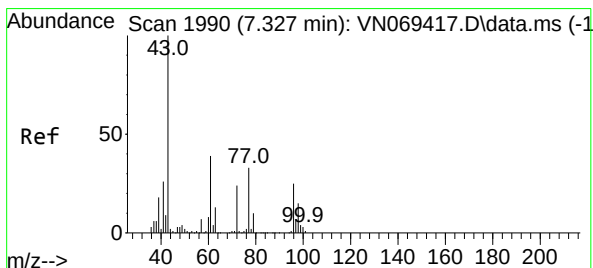
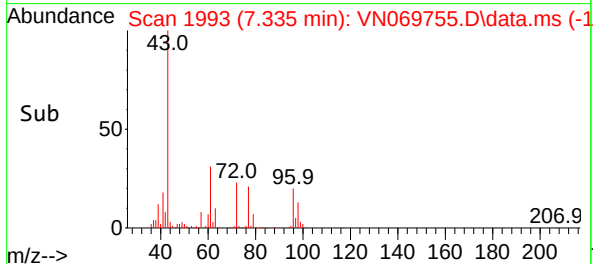
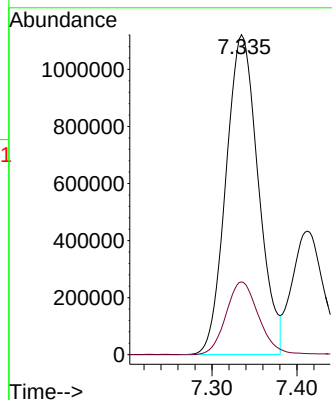
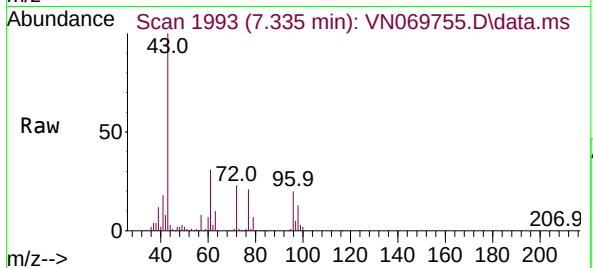
72 22.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 44.013 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069755.D

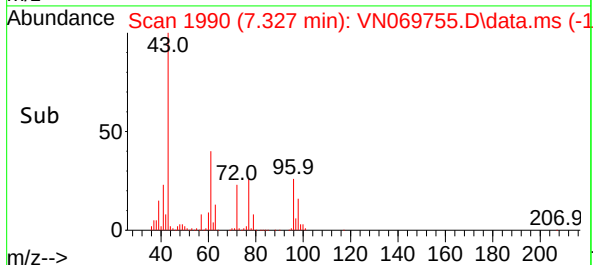
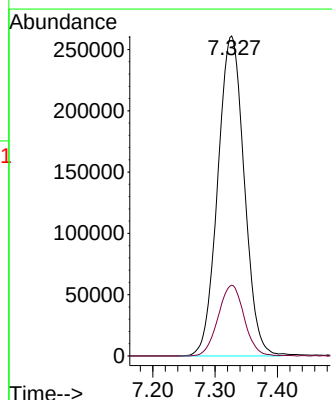
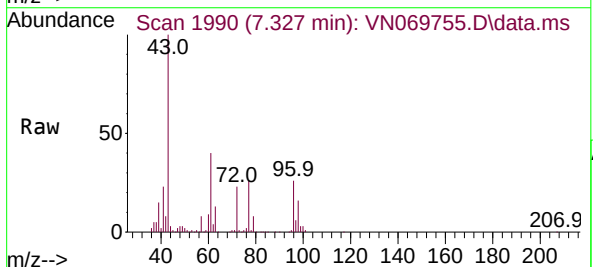
Acq: 4 Dec 2021 7:45

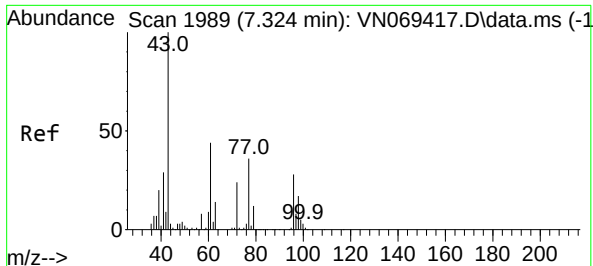
Tgt Ion: 77 Resp: 770313

Ion Ratio Lower Upper

77 100

97 21.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 53.589 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

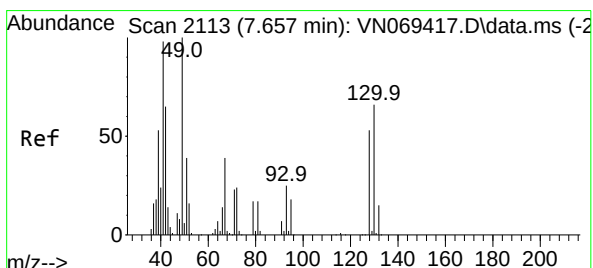
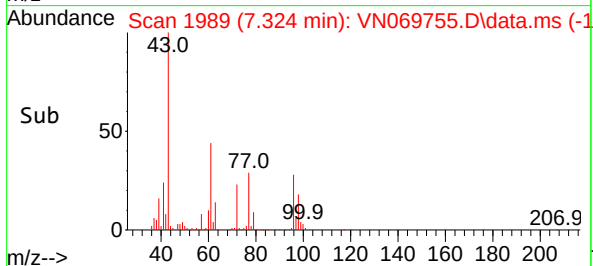
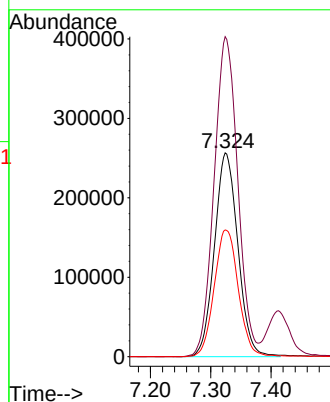
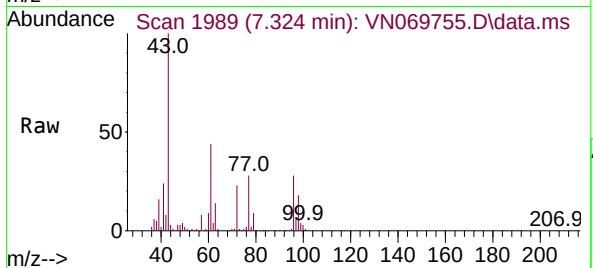
ClientSampleId :

FDR-MW-4-20211202MSD

Tgt Ion:	96	Resp:	69384
Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	275.0
98	63.7	0.0	129.6

Manual Integrations
APPROVED

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



#28

Bromochloromethane

Concen: 51.334 ug/l

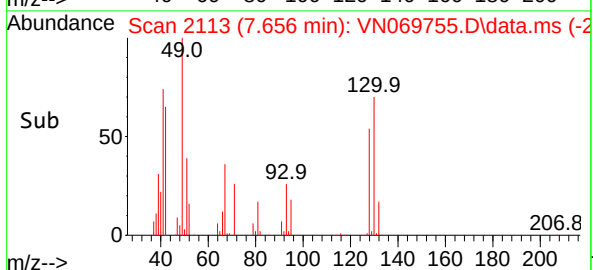
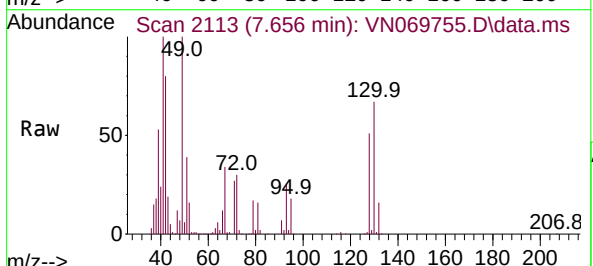
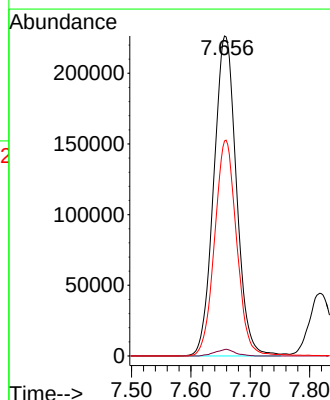
RT: 7.656 min Scan# 2113

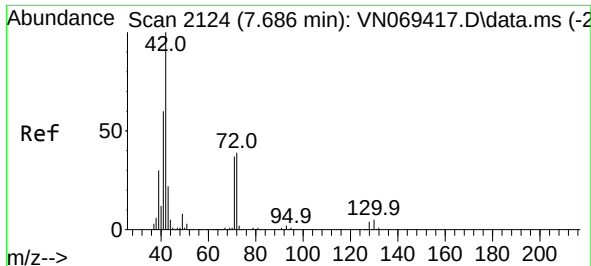
Delta R.T. 0.000 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Tgt Ion:	49	Resp:	600894
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	65.4	67.8	101.8





#29

Tetrahydrofuran

Concen: 245.935 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

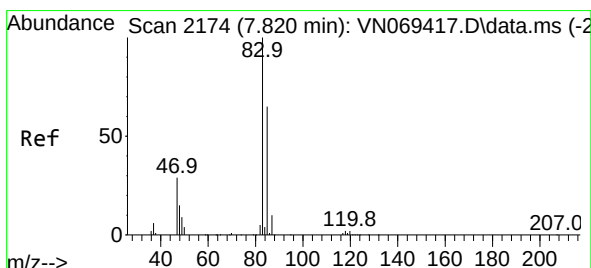
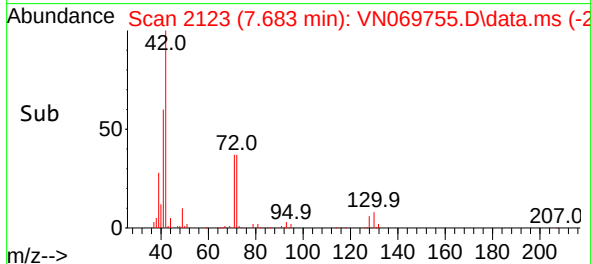
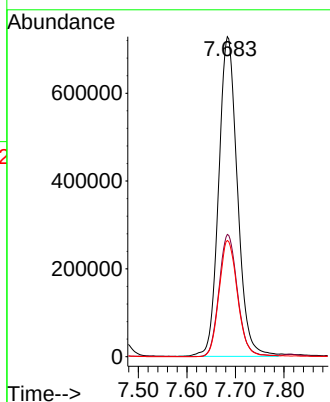
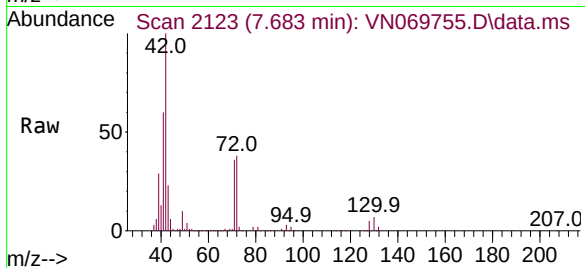
FDR-MW-4-20211202MSD

Tgt Ion: 42 Resp: 195202

Ion	Ratio	Lower	Upper
42	100		
72	37.6	36.3	54.5
71	36.0	34.7	52.1

Manual Integrations
APPROVED

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



#30

Chloroform

Concen: 54.060 ug/l

RT: 7.817 min Scan# 2173

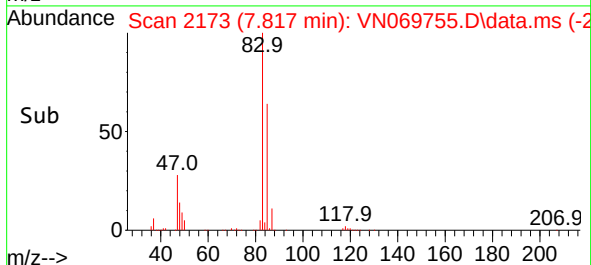
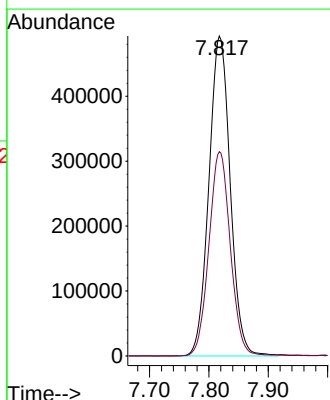
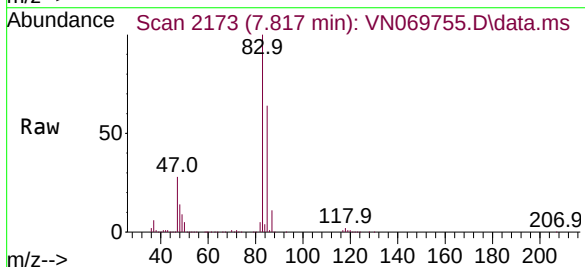
Delta R.T. -0.003 min

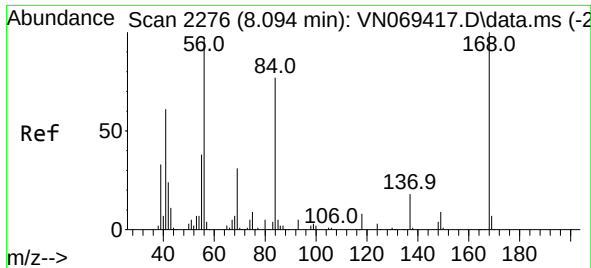
Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Tgt Ion: 83 Resp: 1228976

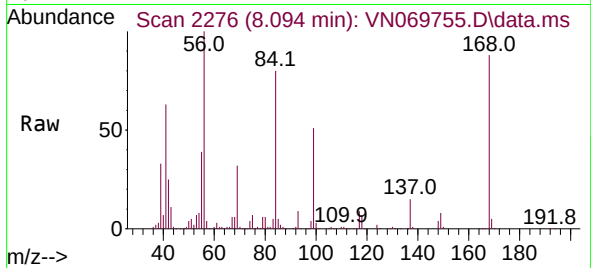
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9





#31
Cyclohexane
Concen: 51.612 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

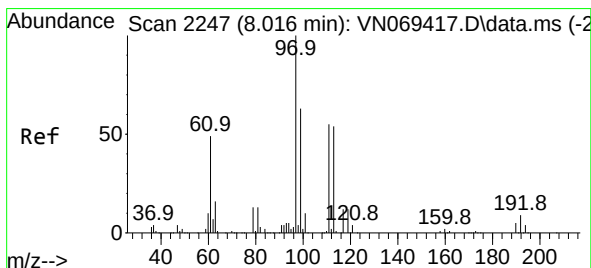
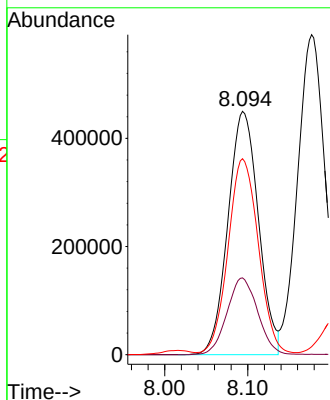
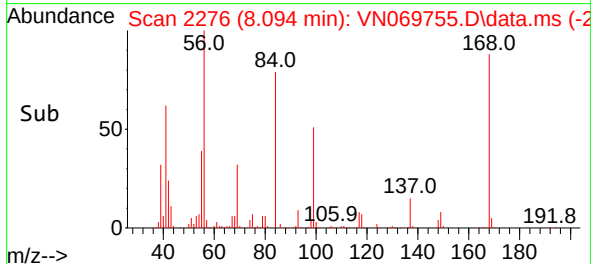
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



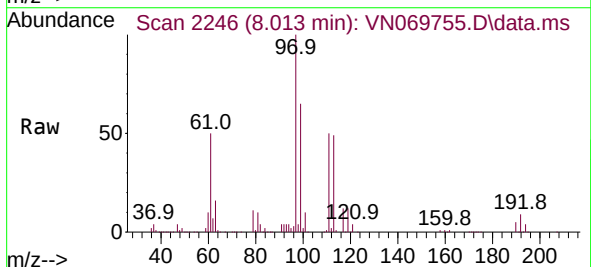
Tgt Ion: 56 Resp: 114869
Ion Ratio Lower Upper
56 100
69 31.5 27.1 40.7
84 78.7 73.4 110.0

Manual Integrations
APPROVED

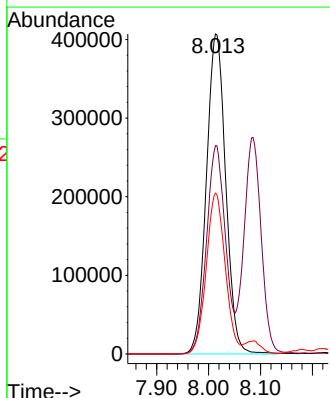
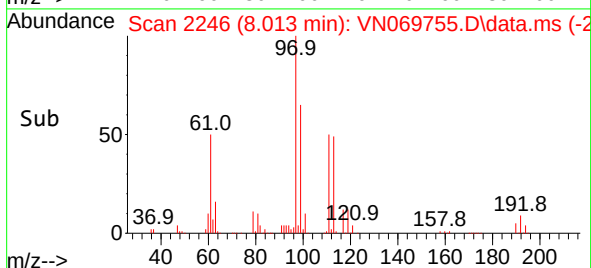
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

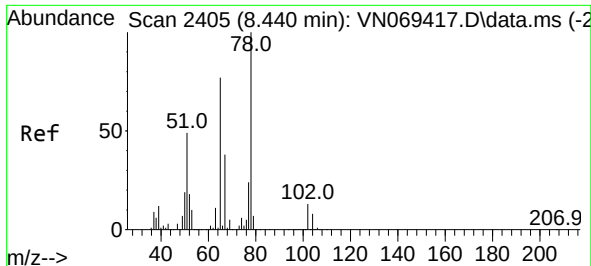


#32
1,1,1-Trichloroethane
Concen: 54.327 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



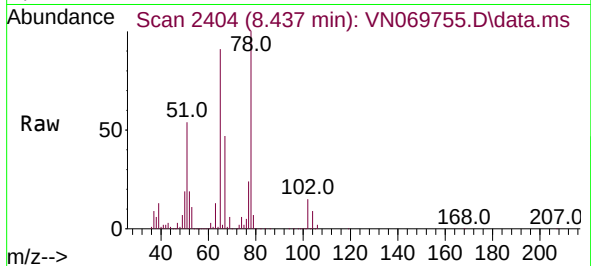
Tgt Ion: 97 Resp: 1052020
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 49.2 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 49.824 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

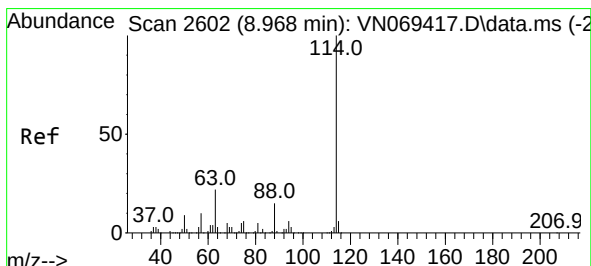
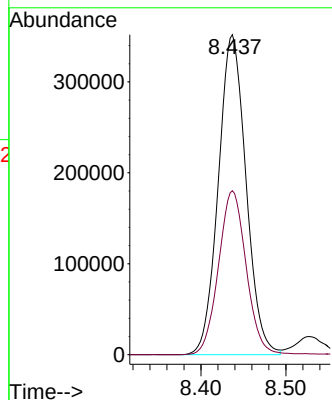
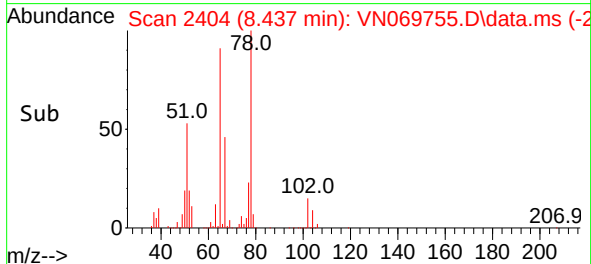
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 65 Resp: 796819
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

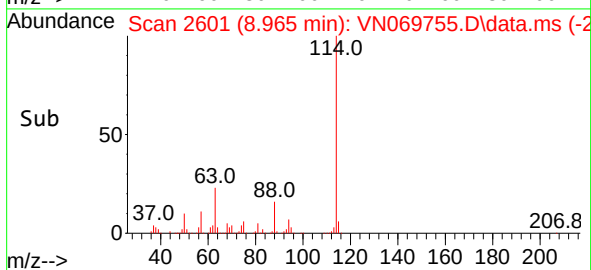
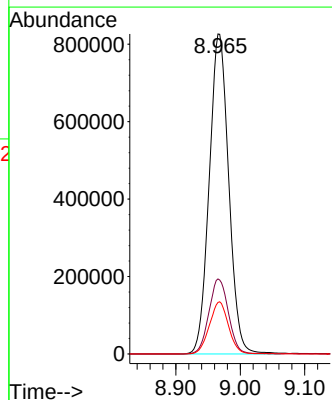
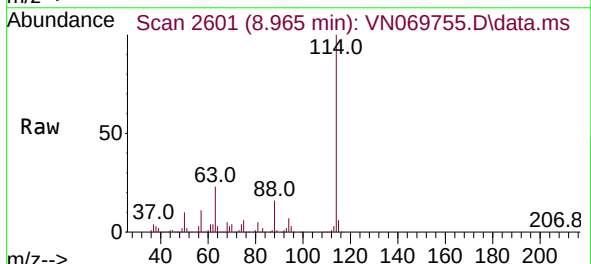
Manual Integrations
APPROVED

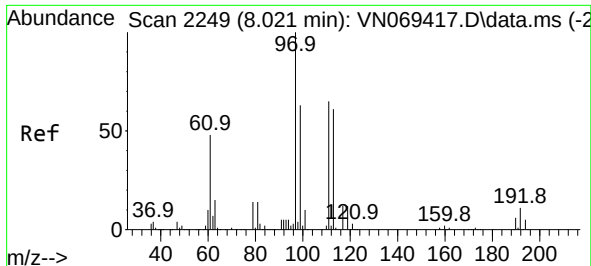
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

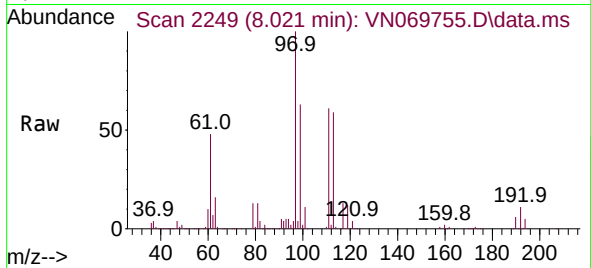
Tgt Ion:114 Resp: 1735809
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.148 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

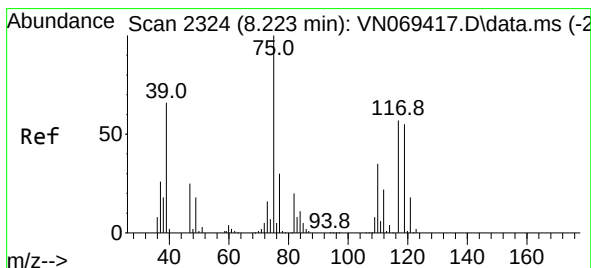
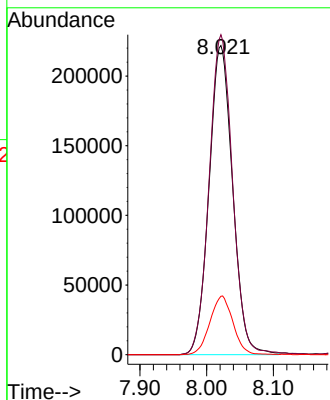
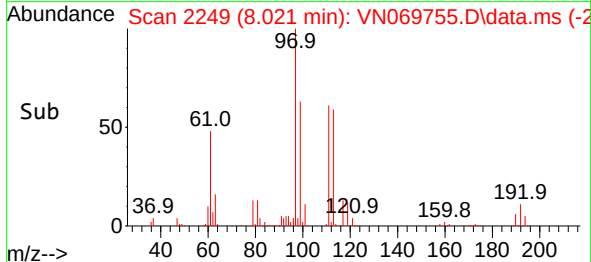
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:113 Resp: 545240
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.6 16.9 25.3

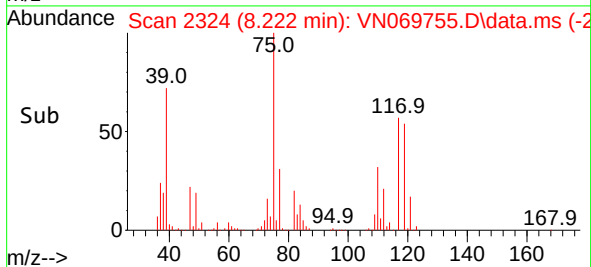
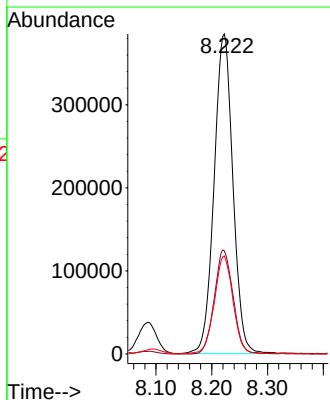
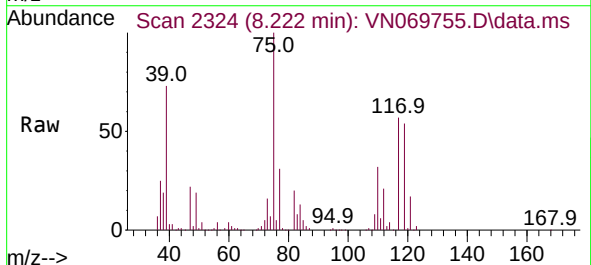
Manual Integrations
APPROVED

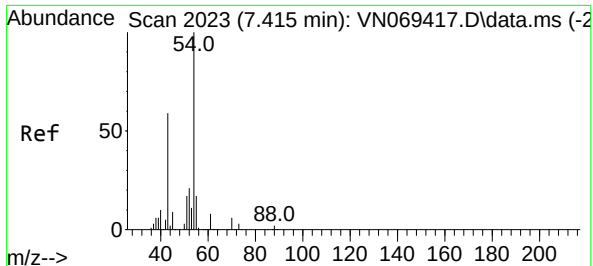
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 54.643 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Tgt Ion: 75 Resp: 902948
Ion Ratio Lower Upper
75 100
110 32.3 18.4 55.2
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 45.751 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD

Tgt Ion: 43 Resp: 112522

Ion Ratio Lower Upper

43 100

61 12.3 11.5 17.3

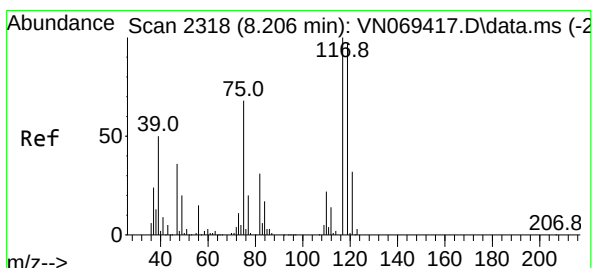
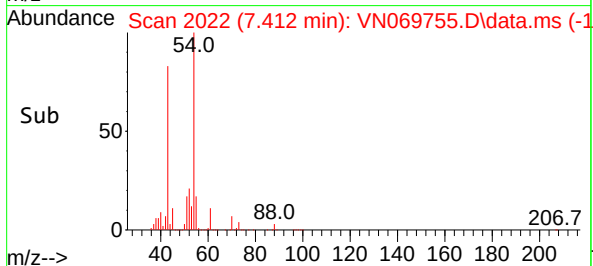
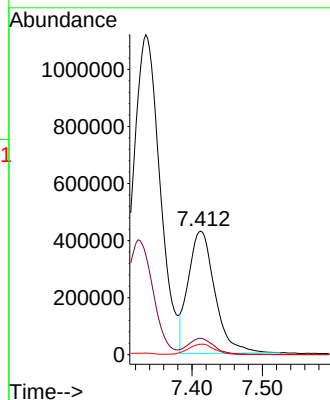
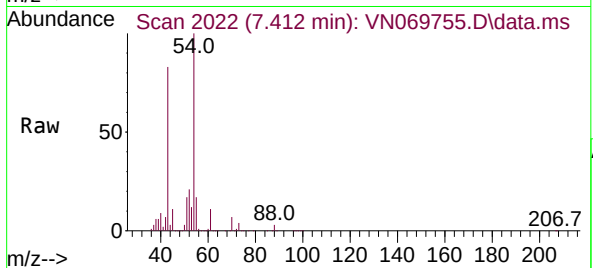
70 8.3 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 55.075 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

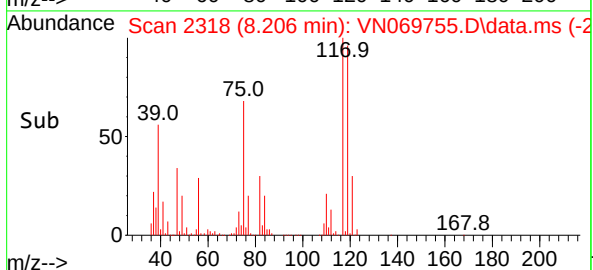
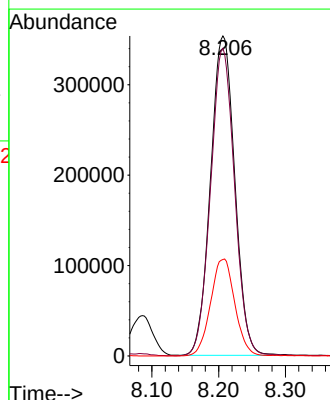
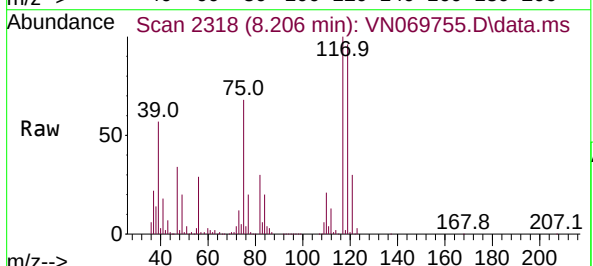
Tgt Ion:117 Resp: 892437

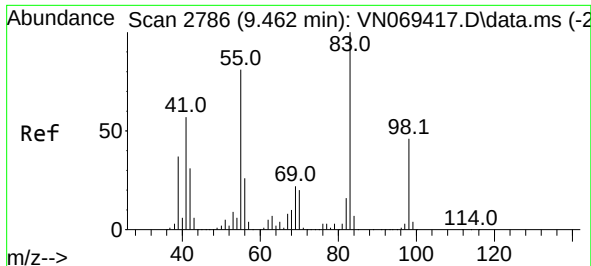
Ion Ratio Lower Upper

117 100

119 96.1 76.1 114.1

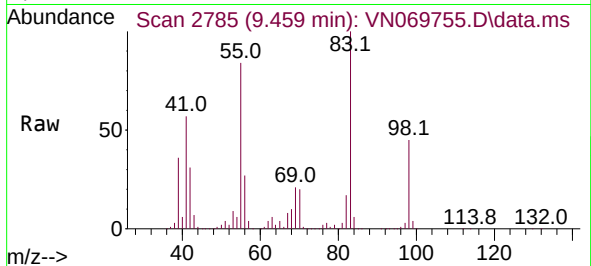
121 30.2 24.2 36.2





#39
Methylcyclohexane
Concen: 53.140 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

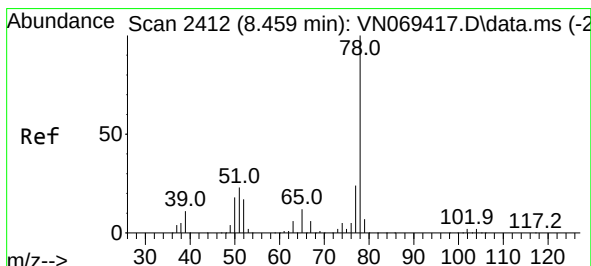
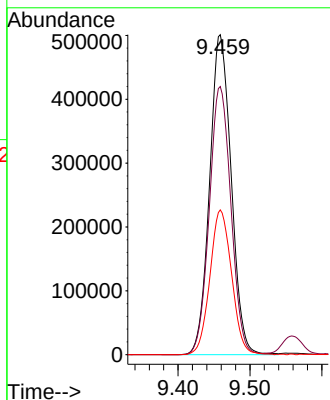
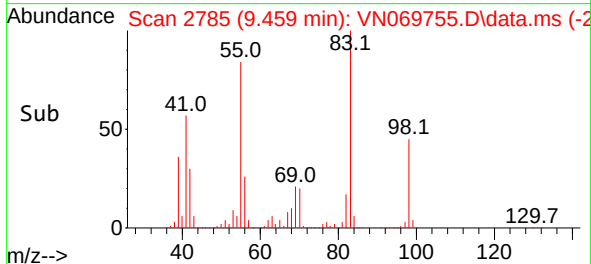
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



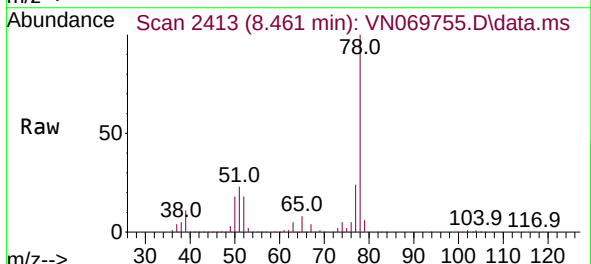
Tgt Ion: 83 Resp: 104449
Ion Ratio Lower Upper
83 100
55 83.8 58.1 87.1
98 45.2 38.4 57.6

Manual Integrations
APPROVED

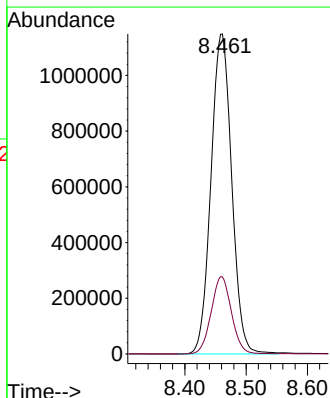
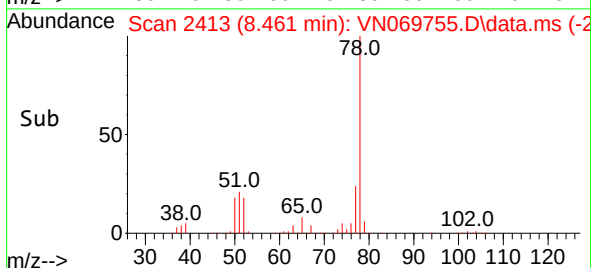
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

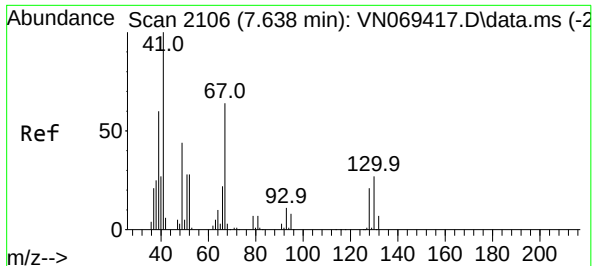


#40
Benzene
Concen: 53.513 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



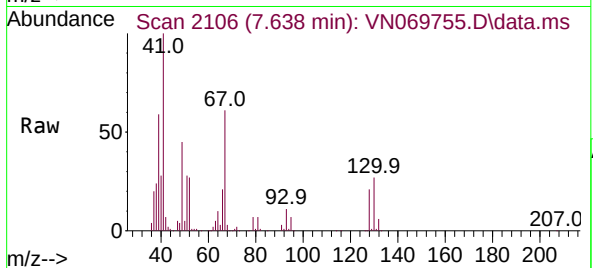
Tgt Ion: 78 Resp: 2702848
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 52.981 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

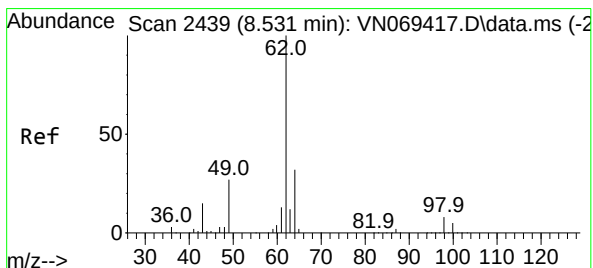
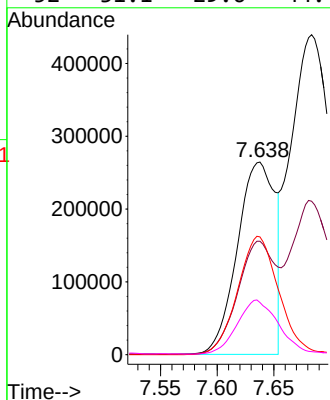
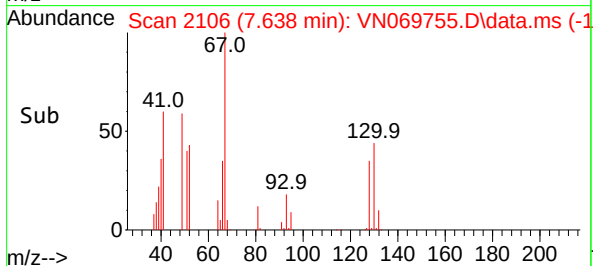
Instrument : MSVOA_N
Client Sample Id : FDR-MW-4-20211202MSD



Tgt Ion: 41 Resp: 611688
Ion Ratio Lower Upper
41 100
39 60.3 48.1 72.1
67 67.2 68.3 102.5
52 31.1 29.6 44.4

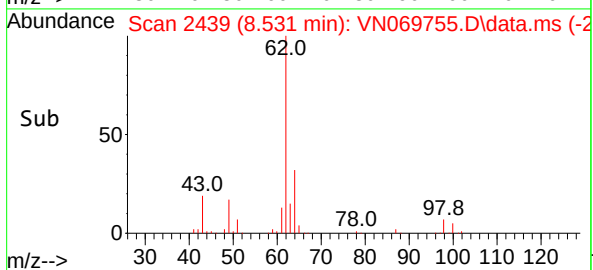
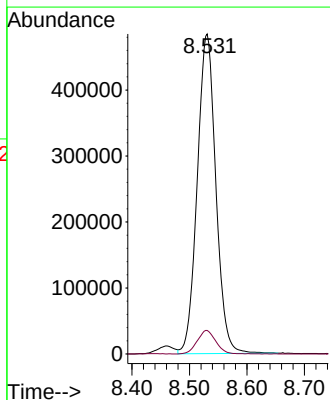
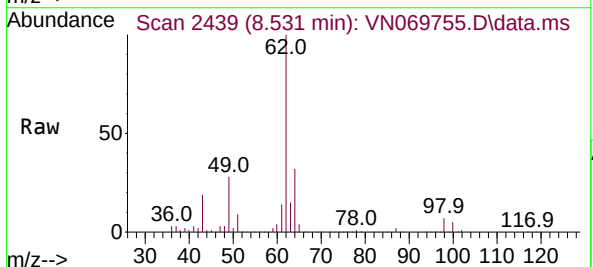
Manual Integrations
APPROVED

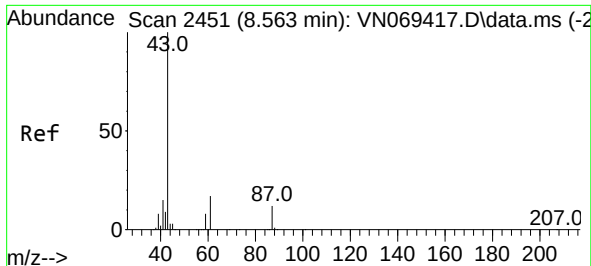
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 53.420 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

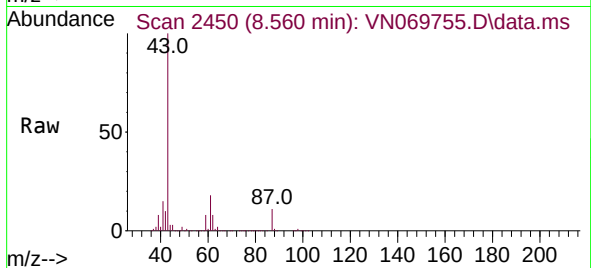
Tgt Ion: 62 Resp: 1089196
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 50.894 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

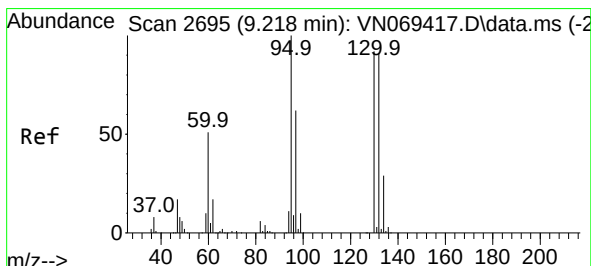
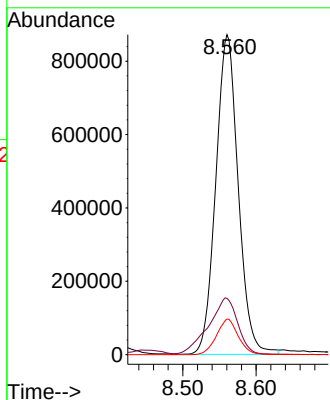
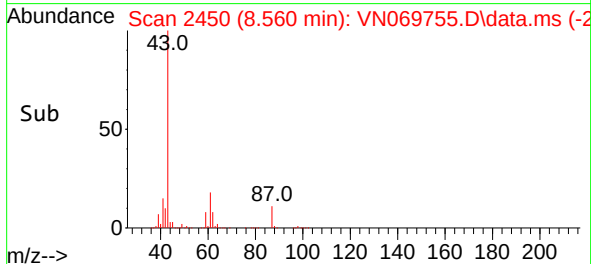
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 43 Resp: 185233
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 10.9 11.2 16.8

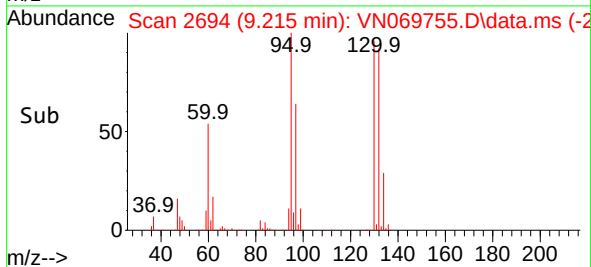
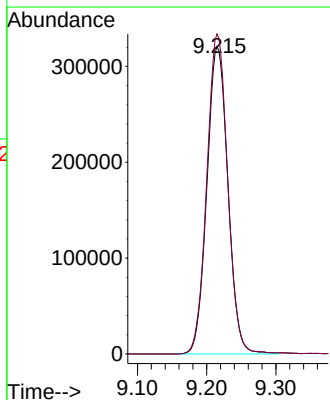
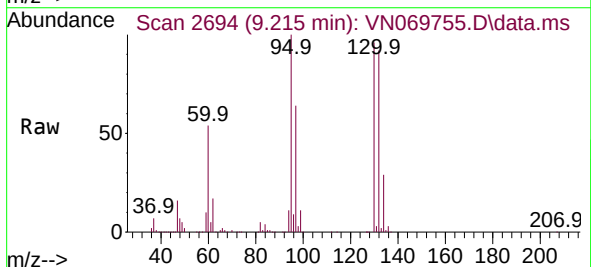
Manual Integrations
APPROVED

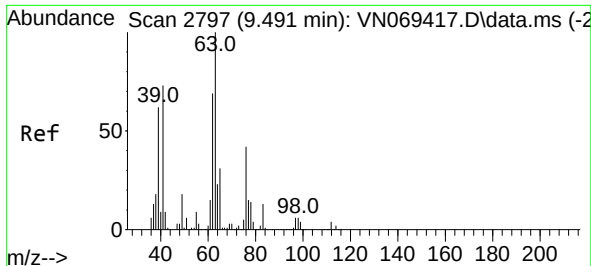
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 56.093 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Tgt Ion:130 Resp: 676217
Ion Ratio Lower Upper
130 100
95 104.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.092 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD

Tgt Ion: 63 Resp: 73367

Ion Ratio Lower Upper

63 100

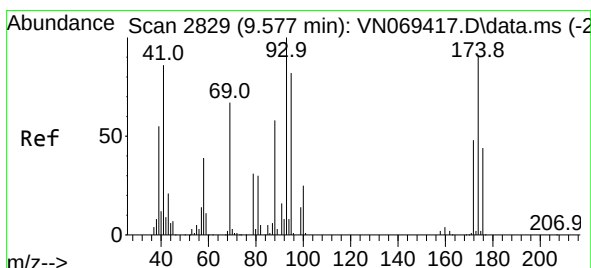
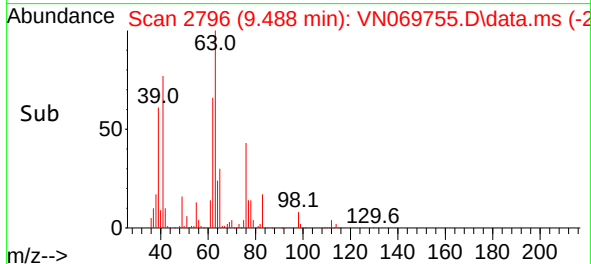
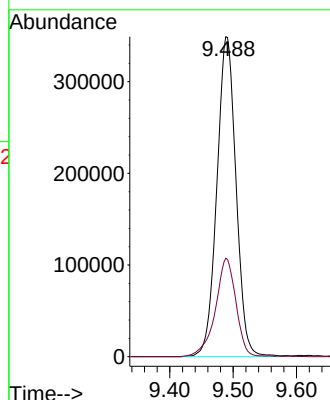
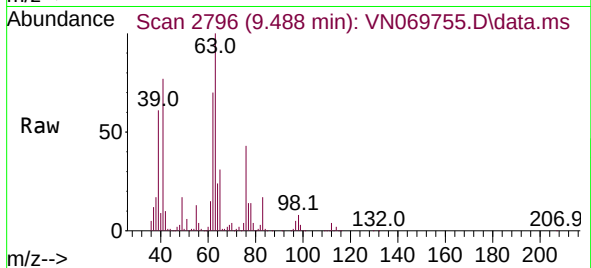
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 53.893 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

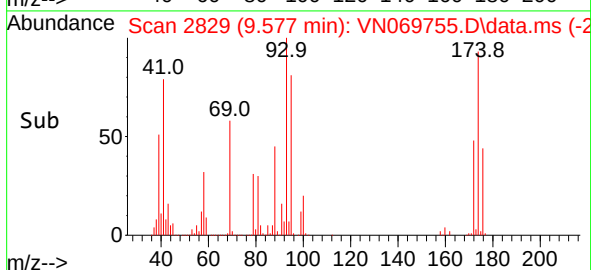
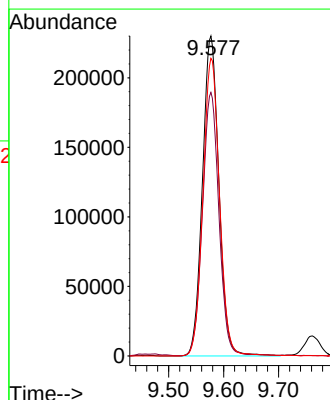
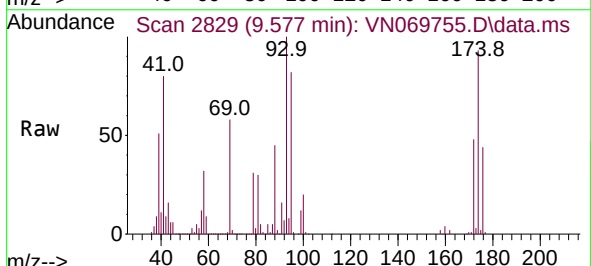
Tgt Ion: 93 Resp: 479394

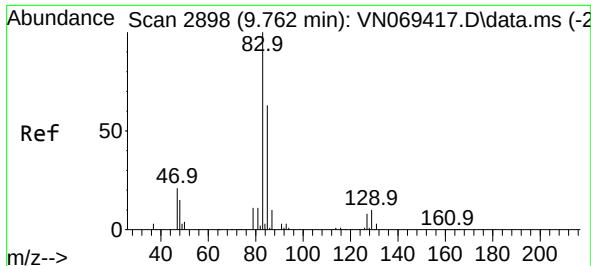
Ion Ratio Lower Upper

93 100

95 81.8 65.9 98.9

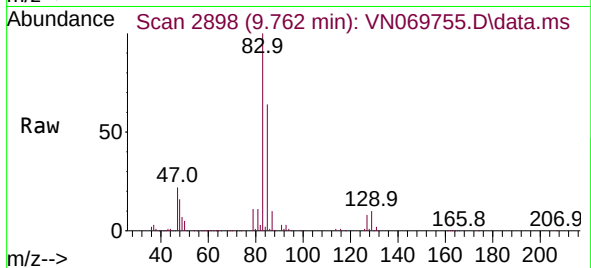
174 93.6 84.6 127.0





#47
Bromodichloromethane
Concen: 55.896 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

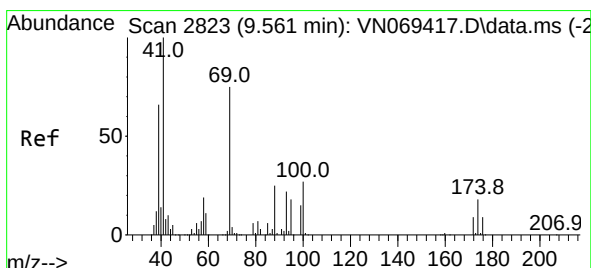
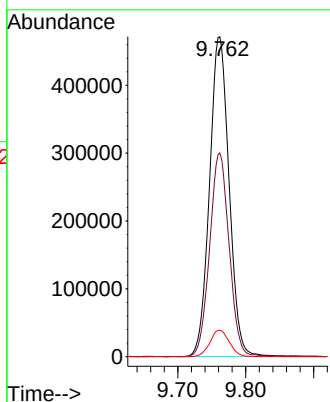
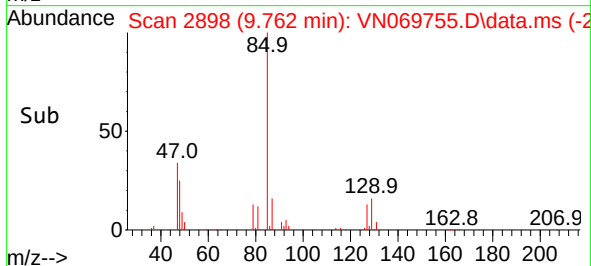
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 83 Resp: 941392
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.2 7.1 10.7

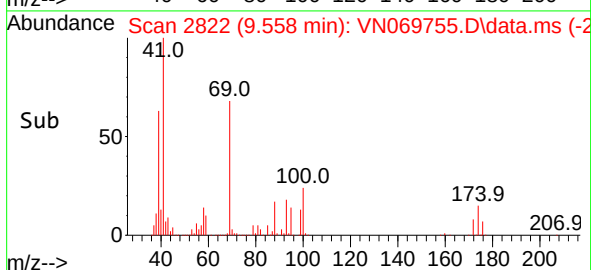
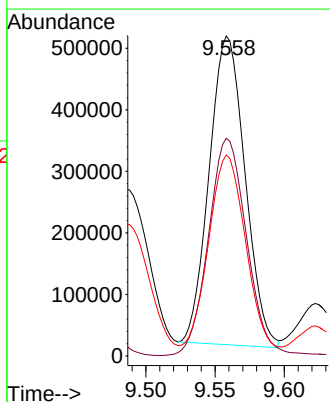
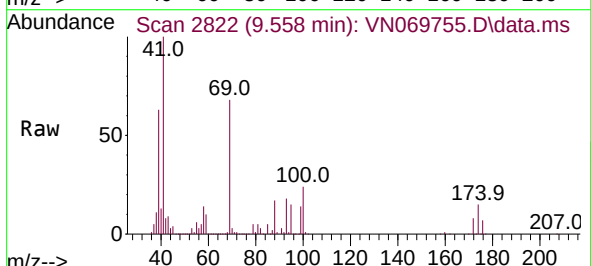
Manual Integrations
APPROVED

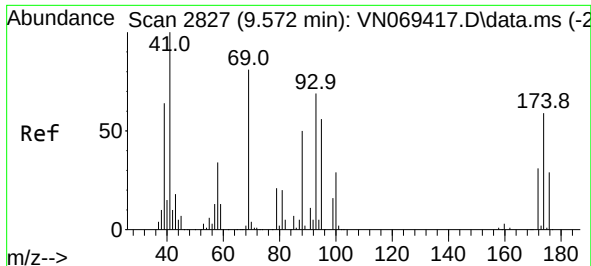
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 53.149 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Tgt Ion: 41 Resp: 902738
Ion Ratio Lower Upper
41 100
69 75.3 72.4 108.6
39 68.7 58.4 87.6





#49

1,4-Dioxane

Concen: 869.397 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069755.D

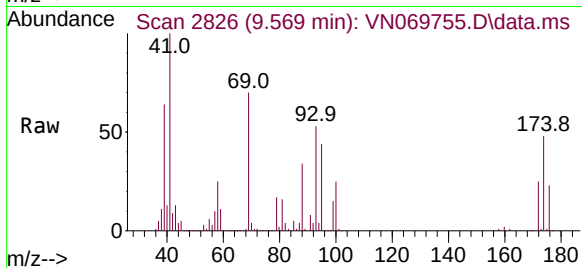
Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD



Tgt Ion: 88 Resp: 264960

Ion Ratio Lower Upper

88 100

43 36.8 23.4 35.2

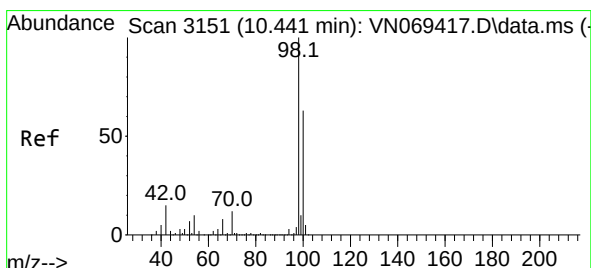
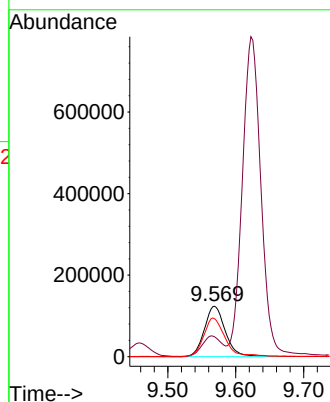
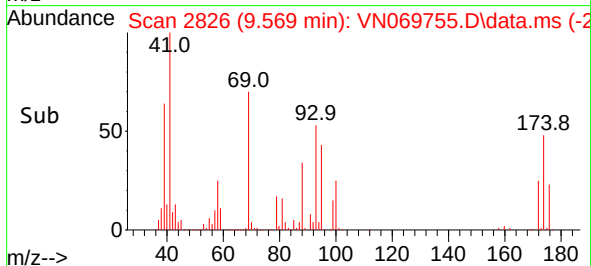
58 78.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#50

Toluene-d8

Concen: 49.336 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069755.D

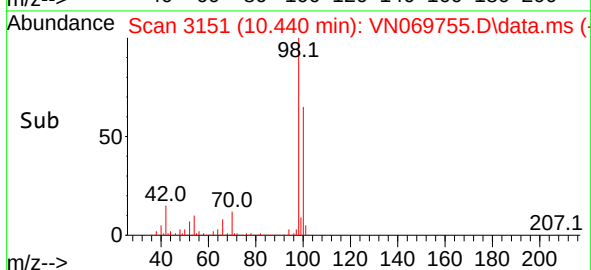
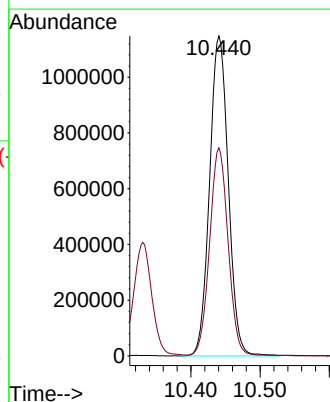
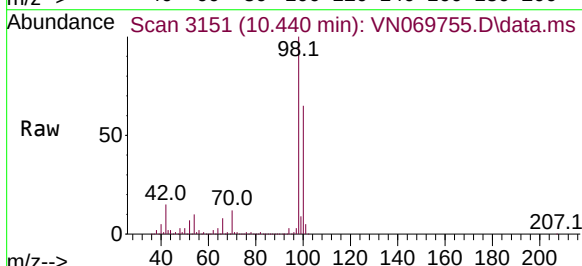
Acq: 4 Dec 2021 7:45

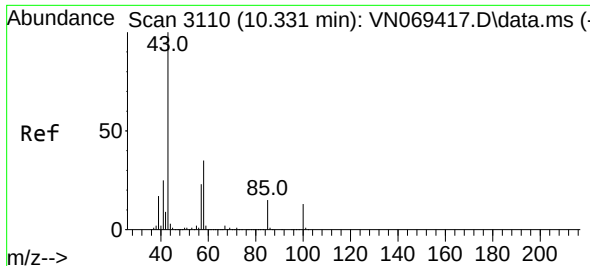
Tgt Ion: 98 Resp: 2153891

Ion Ratio Lower Upper

98 100

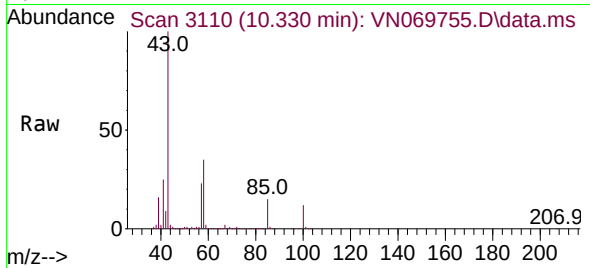
100 64.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 264.868 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

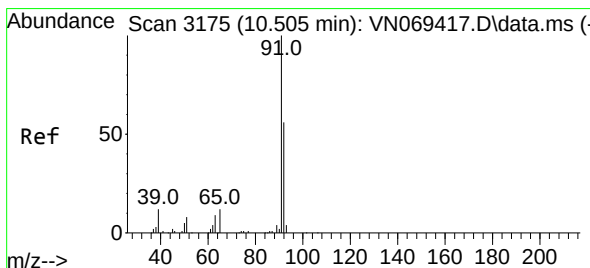
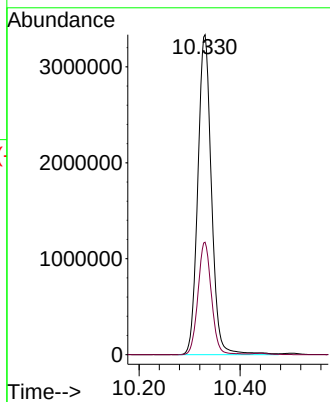
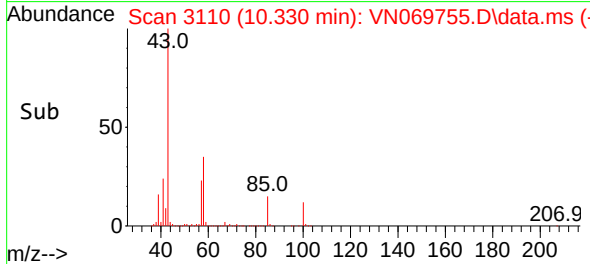
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 43 Resp: 625376
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

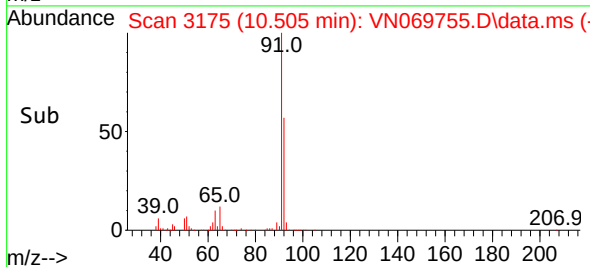
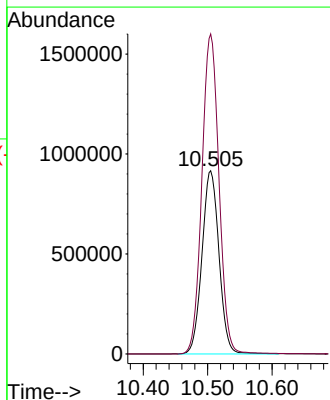
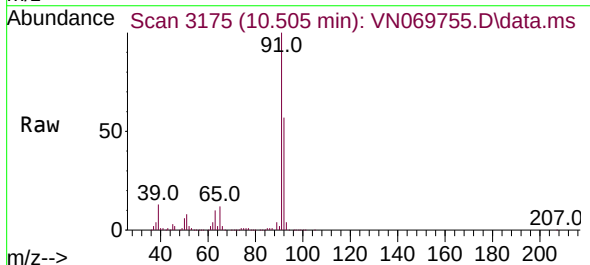
Manual Integrations
APPROVED

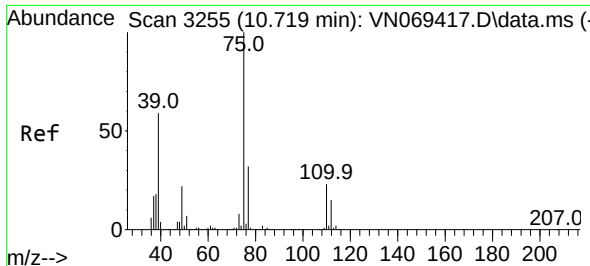
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 54.324 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

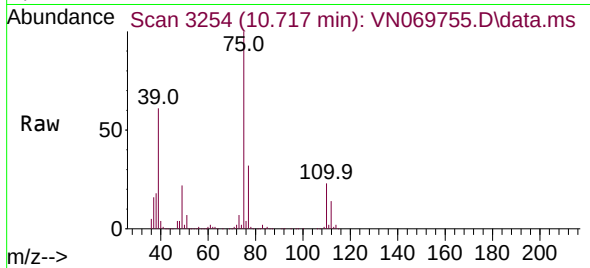
Tgt Ion: 92 Resp: 1675141
Ion Ratio Lower Upper
92 100
91 176.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.892 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

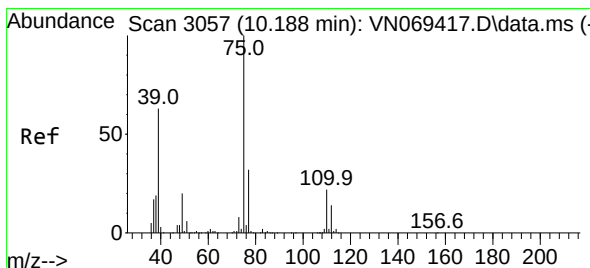
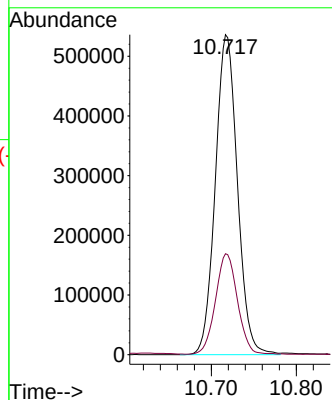
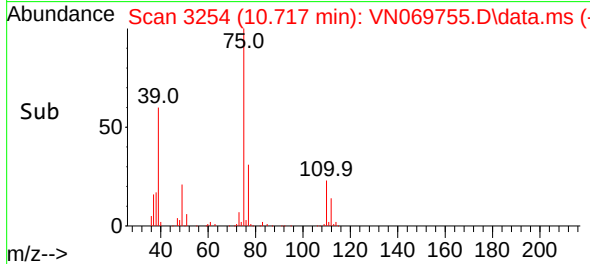
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



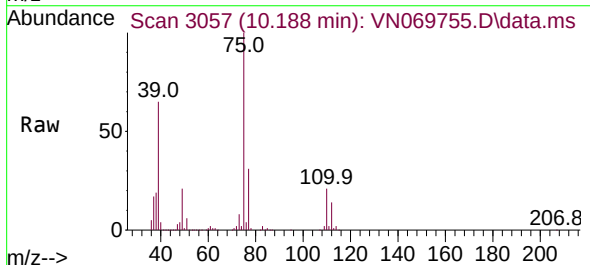
Tgt Ion: 75 Resp: 967754
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

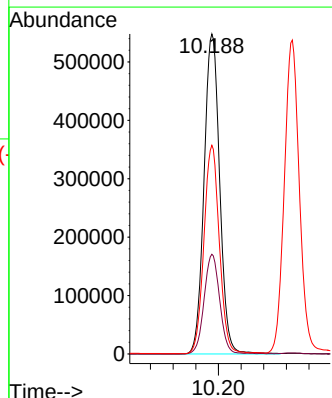
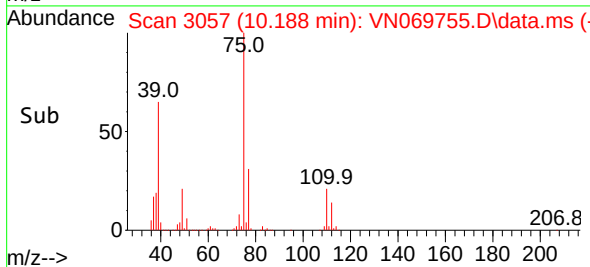
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

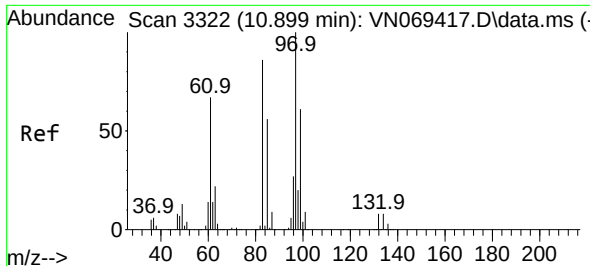


#54
cis-1,3-Dichloropropene
Concen: 49.430 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



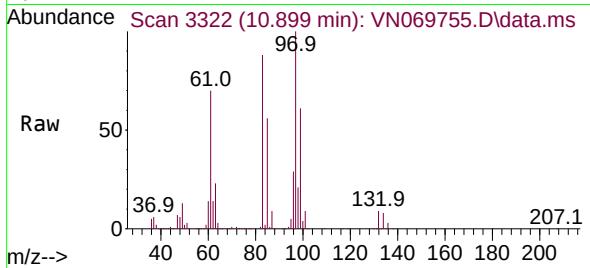
Tgt Ion: 75 Resp: 1050507
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 65.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 53.689 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

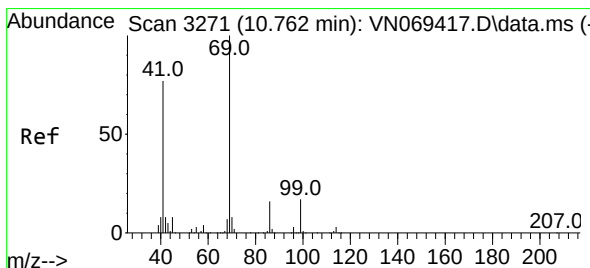
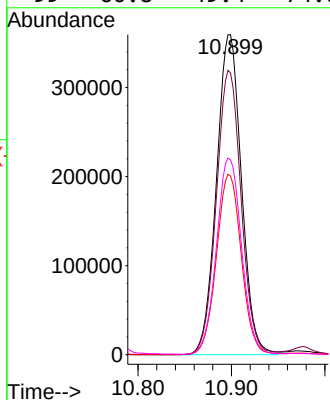
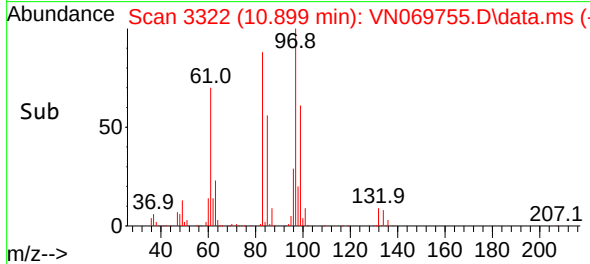
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



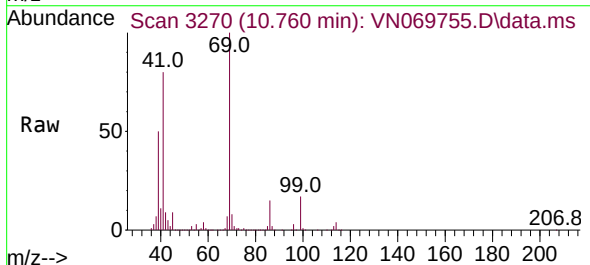
Tgt Ion:	97	Resp:	66798
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.8	101.6
85	55.8	45.4	68.2
99	60.8	49.4	74.0

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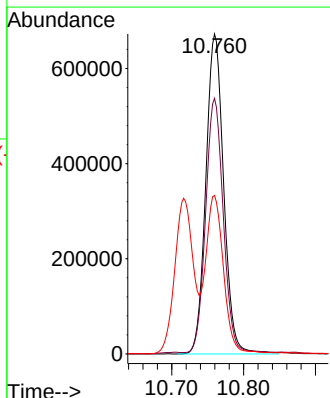
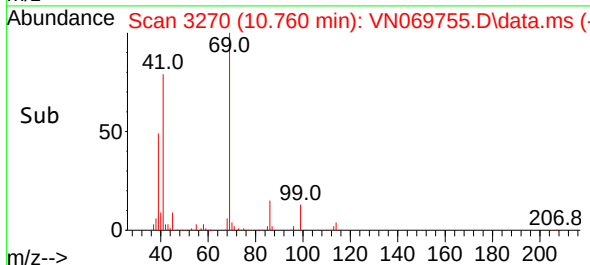
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

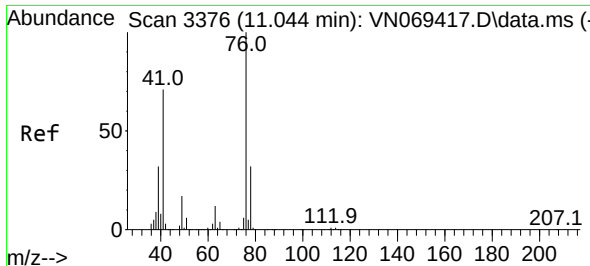


#56
Ethyl methacrylate
Concen: 49.558 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



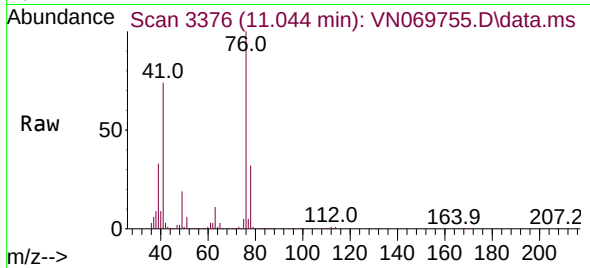
Tgt Ion:	69	Resp:	1162928
Ion	Ratio	Lower	Upper
69	100		
41	78.3	51.4	77.0#
39	49.1	34.6	52.0





#57
1,3-Dichloropropane
Concen: 54.532 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

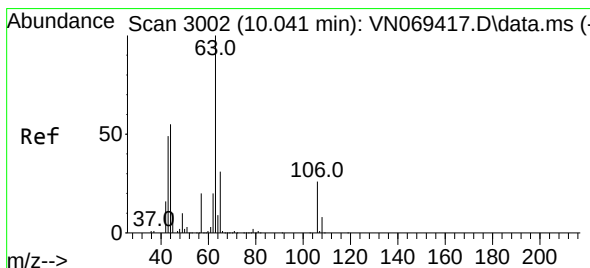
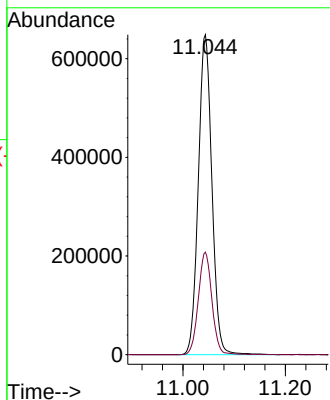
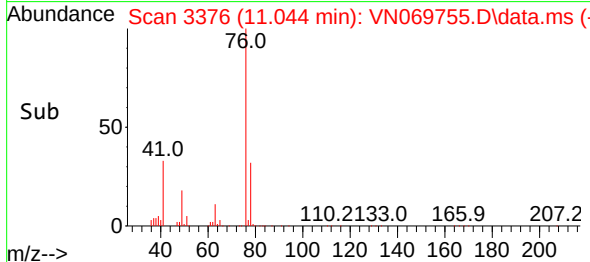
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 76 Resp: 119466
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

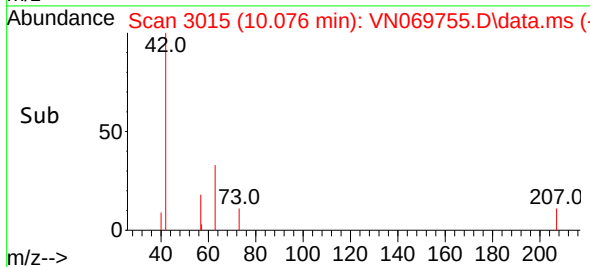
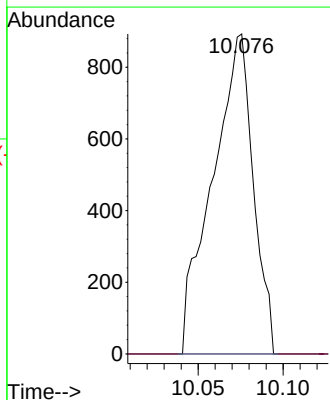
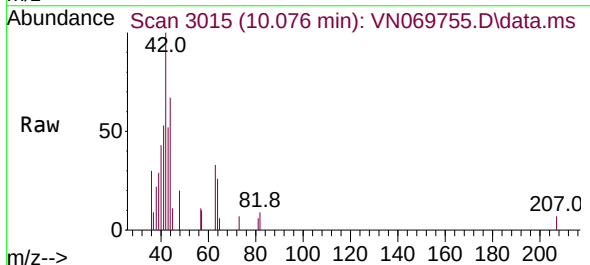
Manual Integrations
APPROVED

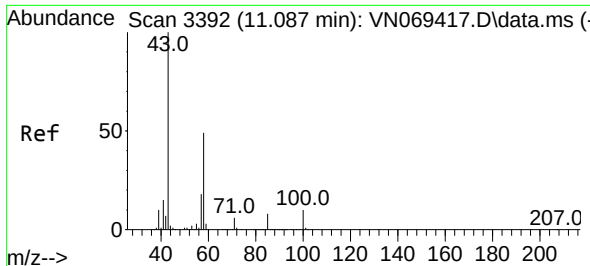
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#58
2-Chloroethyl Vinyl ether
Concen: 18.607 ug/l
RT: 10.076 min Scan# 3015
Delta R.T. 0.033 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

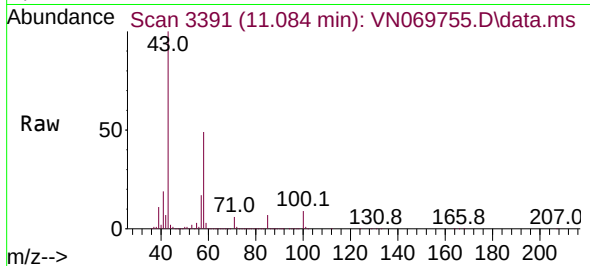
Tgt Ion: 63 Resp: 1493
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#





#59
2-Hexanone
Concen: 250.371 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

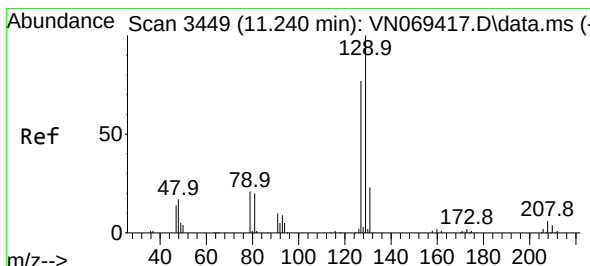
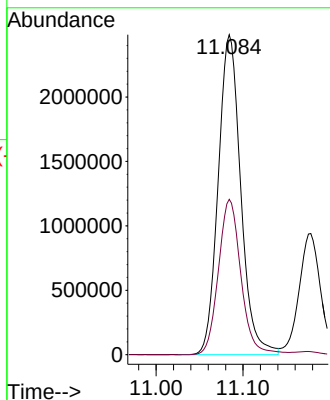
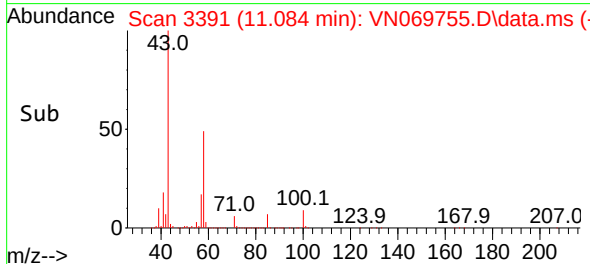
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 43 Resp: 447185
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7

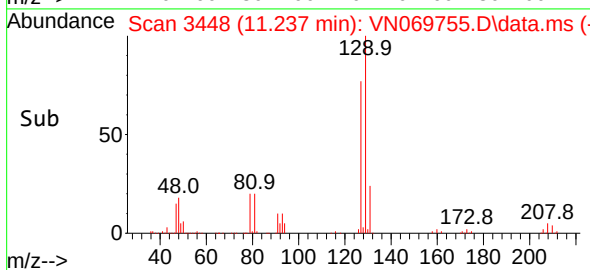
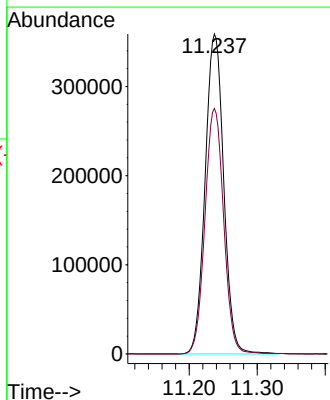
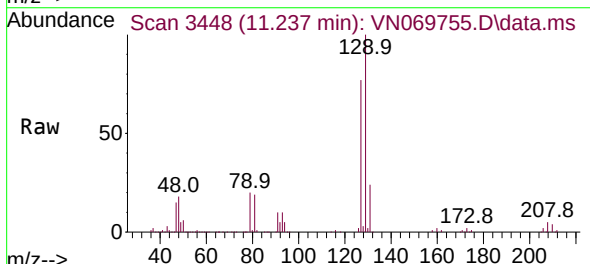
Manual Integrations
APPROVED

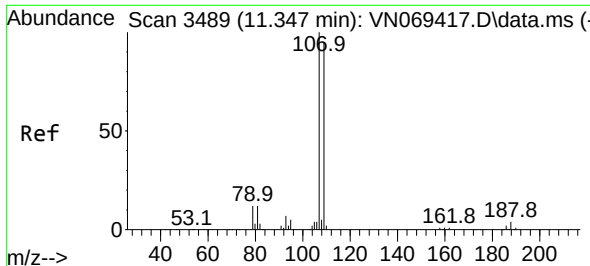
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 51.025 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

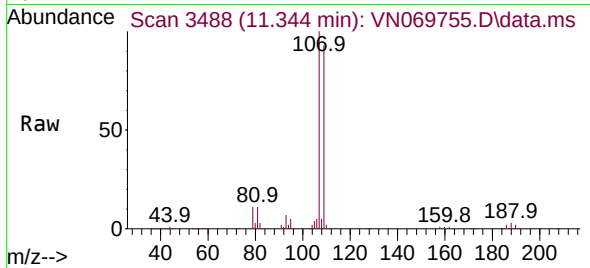
Tgt Ion:129 Resp: 680884
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.553 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

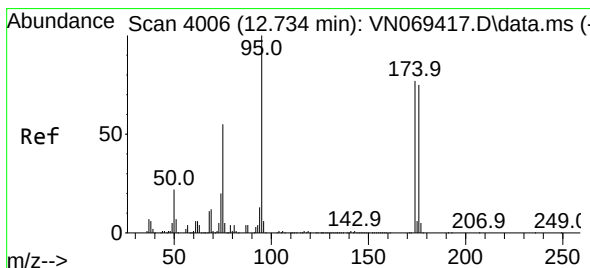
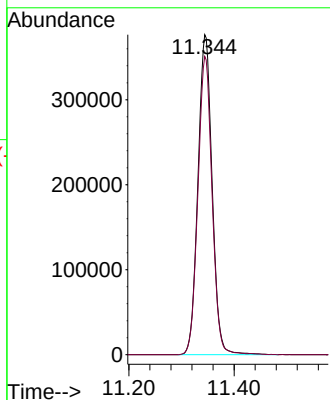
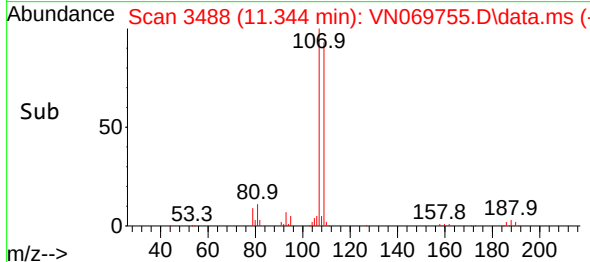
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:107 Resp: 703010
Ion Ratio Lower Upper
107 100
109 93.2 75.7 113.5

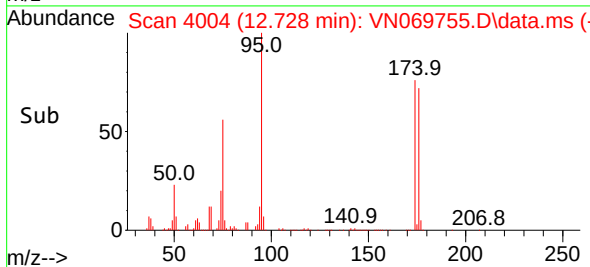
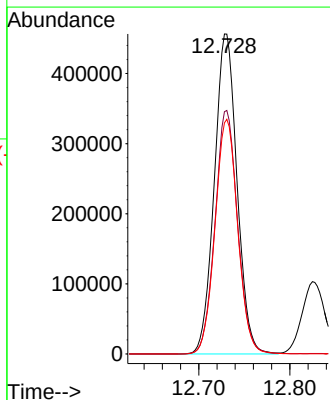
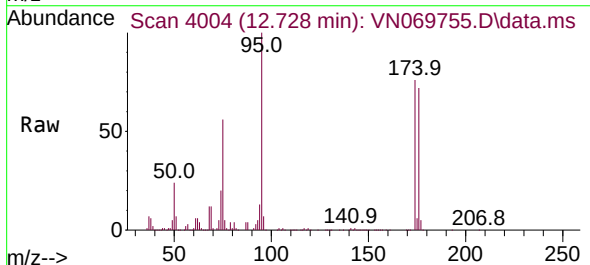
Manual Integrations
APPROVED

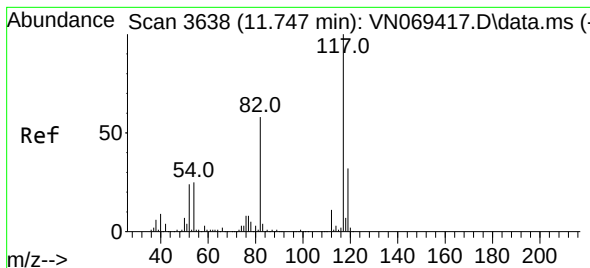
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 49.902 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Tgt Ion: 95 Resp: 789258
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD

Tgt Ion:117 Resp: 164496

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

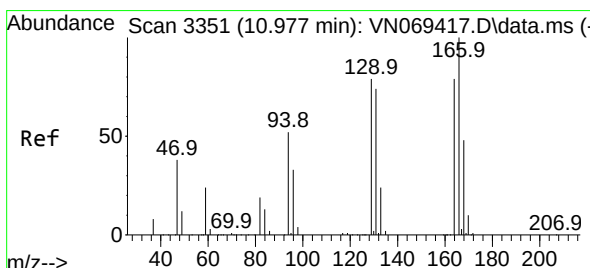
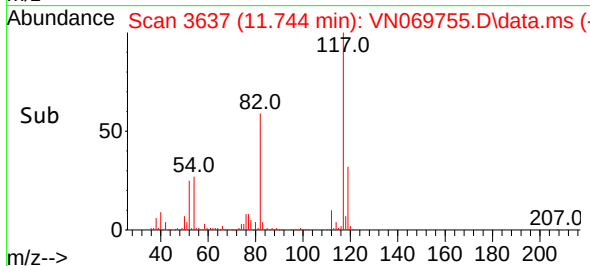
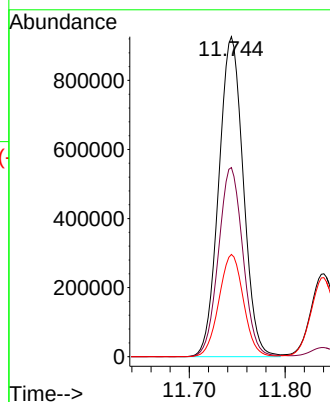
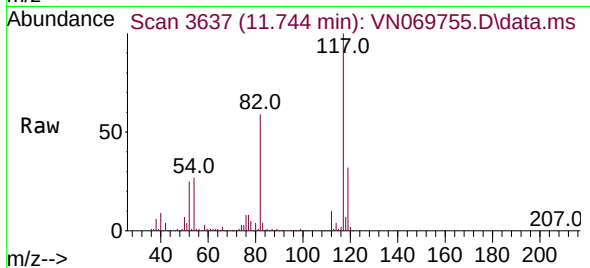
119 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#64

Tetrachloroethene

Concen: 52.165 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Tgt Ion:164 Resp: 581853

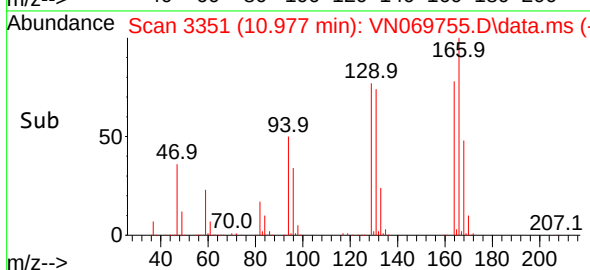
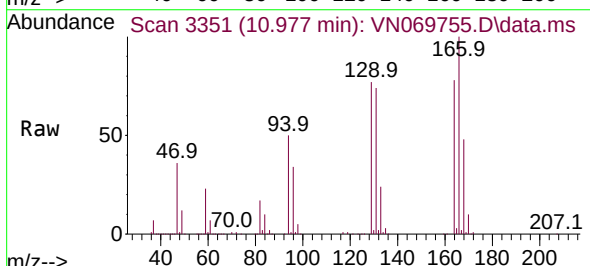
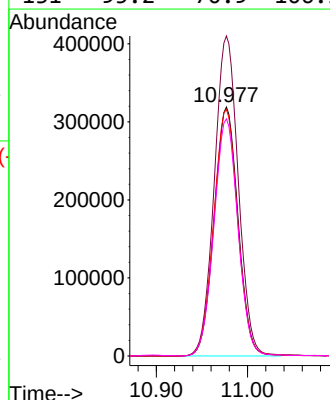
Ion Ratio Lower Upper

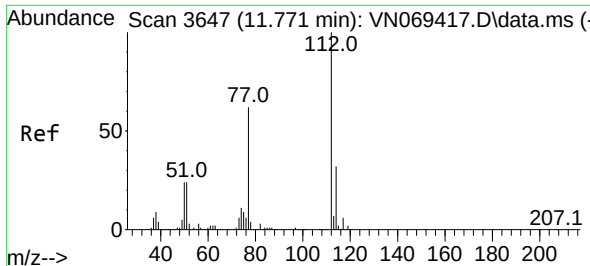
164 100

166 128.6 101.9 152.9

129 99.0 72.0 108.0

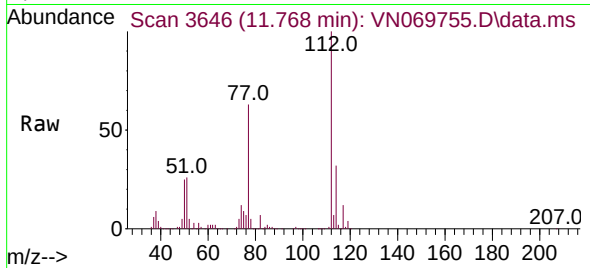
131 95.2 70.9 106.3





#65
Chlorobenzene
Concen: 53.417 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

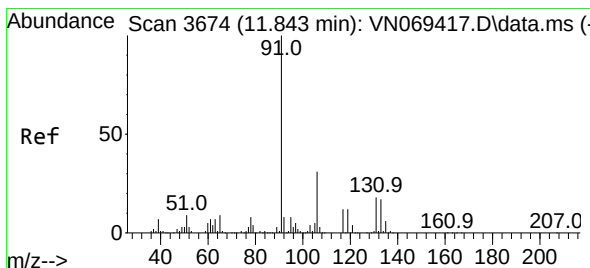
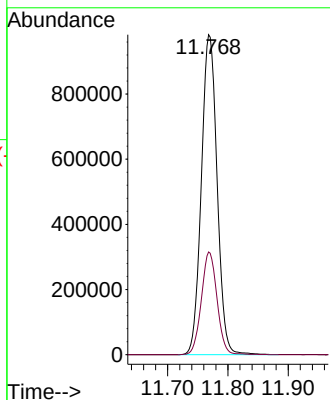
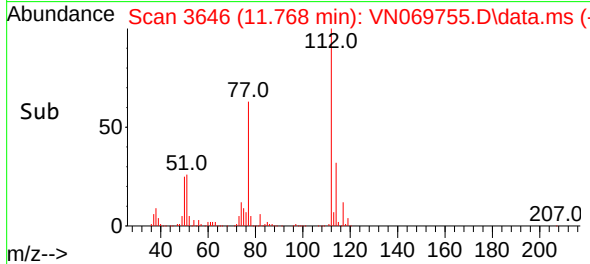
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:112 Resp: 1782604
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

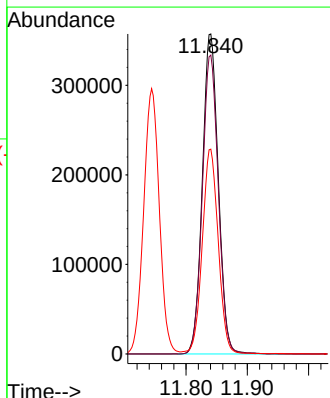
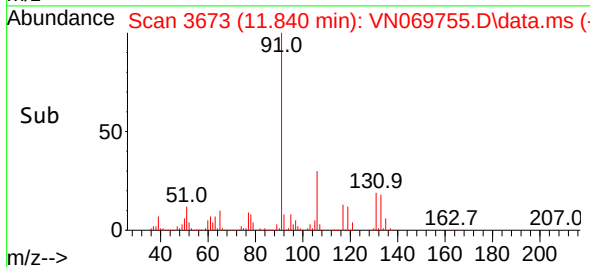
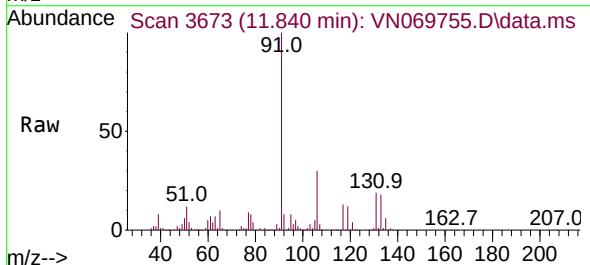
Manual Integrations
APPROVED

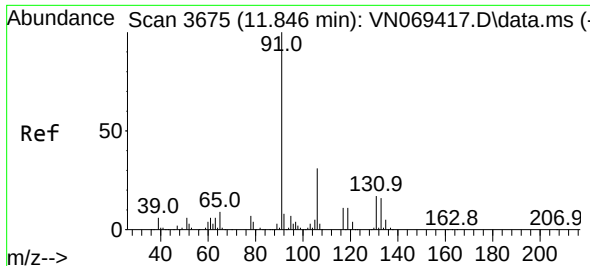
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 54.983 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

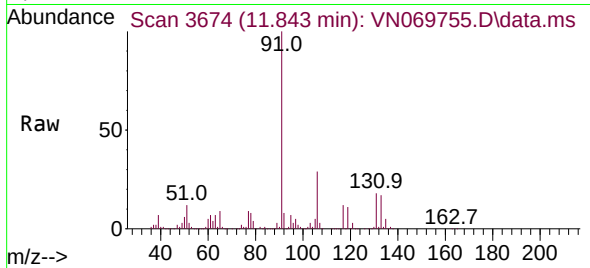
Tgt Ion:131 Resp: 645814
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.7
119 63.6 32.1 96.5





#67
Ethyl Benzene
Concen: 54.670 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

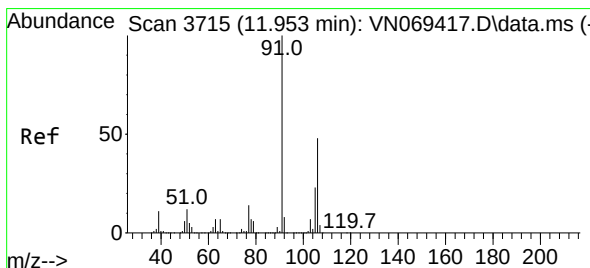
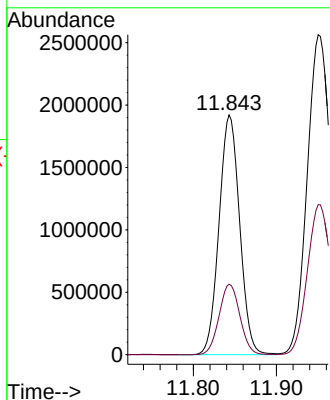
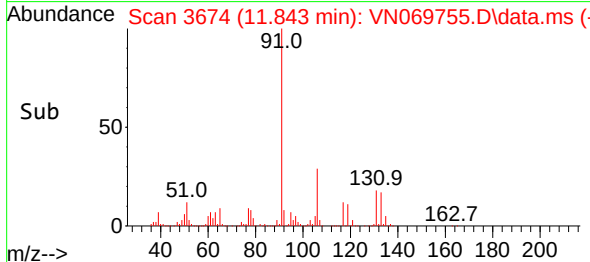
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 91 Resp: 331402
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

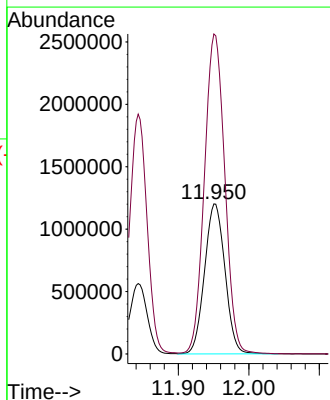
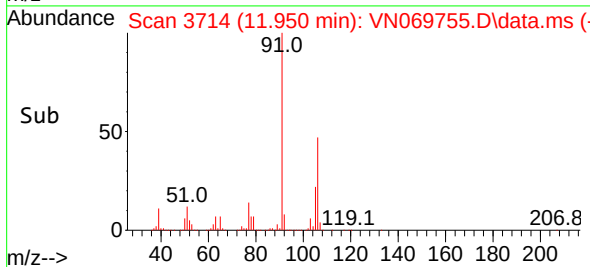
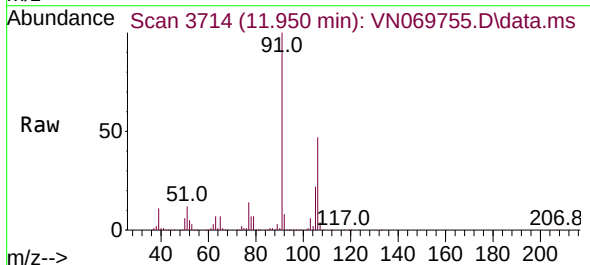
Manual Integrations
APPROVED

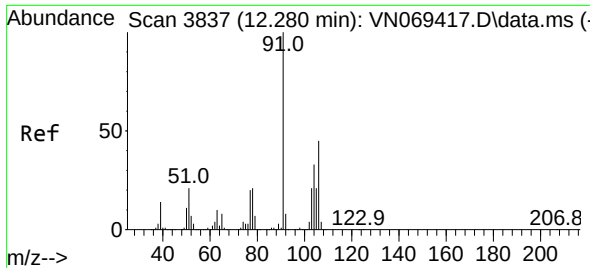
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 109.396 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

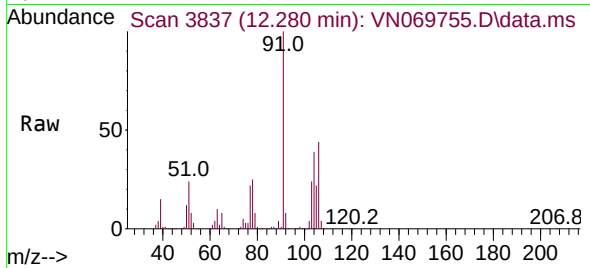
Tgt Ion:106 Resp: 2414561
Ion Ratio Lower Upper
106 100
91 213.4 160.6 240.8





#69
o-Xylene
Concen: 54.870 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

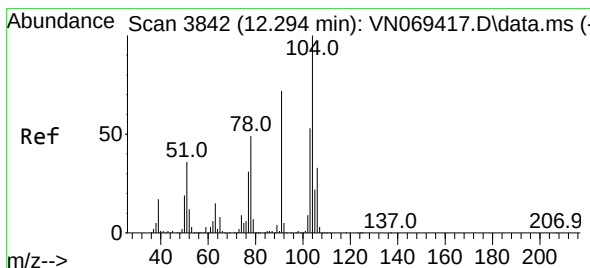
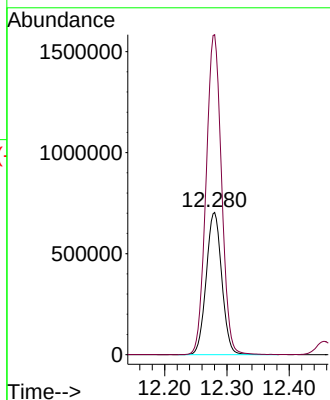
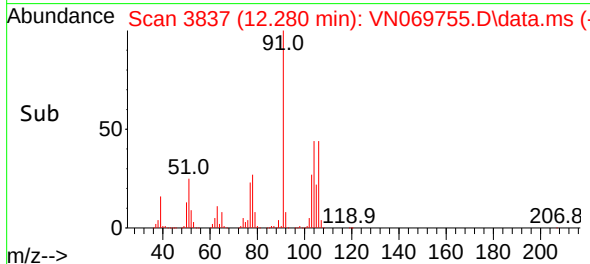
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:106 Resp: 1219870
Ion Ratio Lower Upper
106 100
91 224.2 105.8 317.3

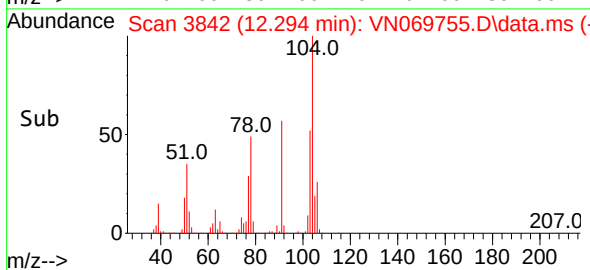
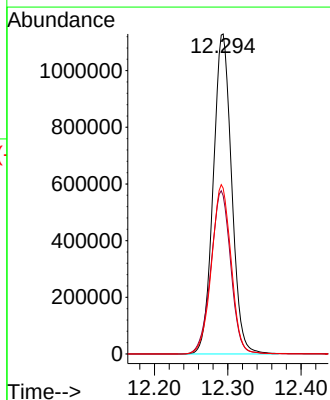
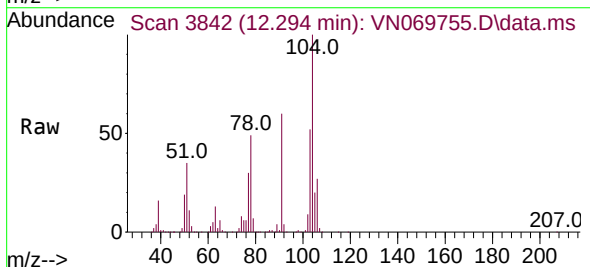
Manual Integrations
APPROVED

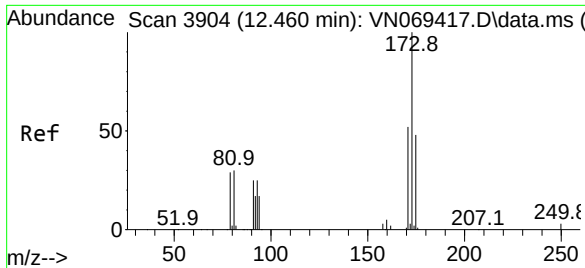
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 55.968 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

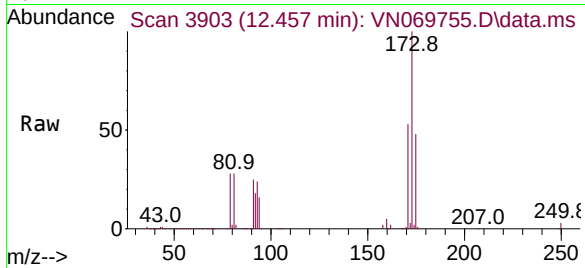
Tgt Ion:104 Resp: 1973068
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 48.360 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

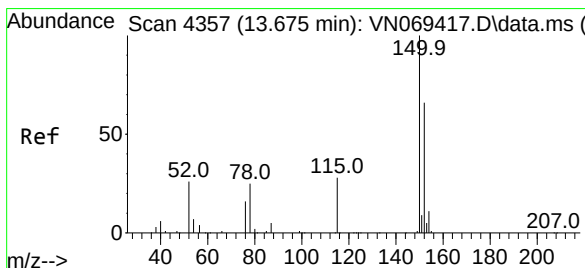
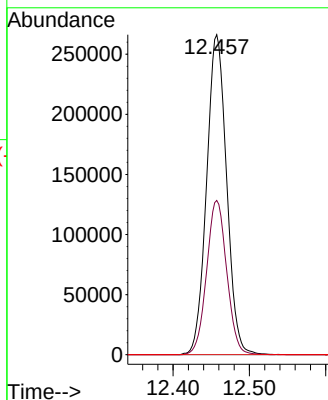
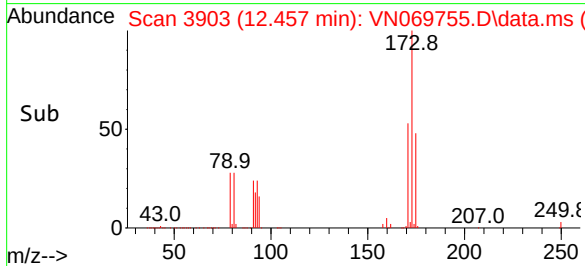
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



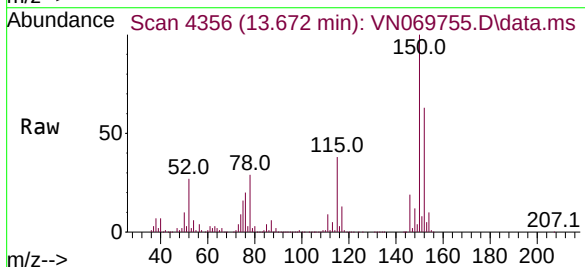
Tgt Ion:173 Resp: 484874
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0

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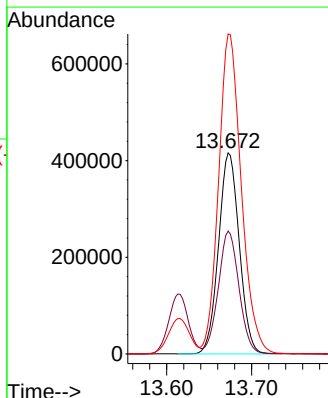
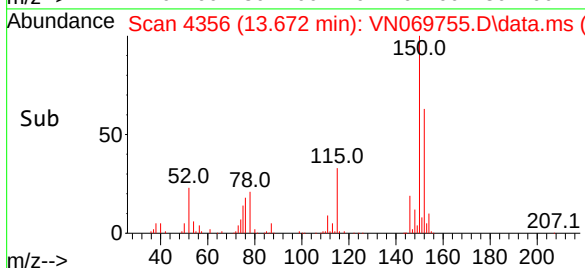
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

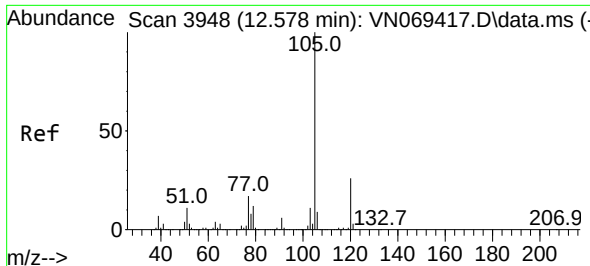


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



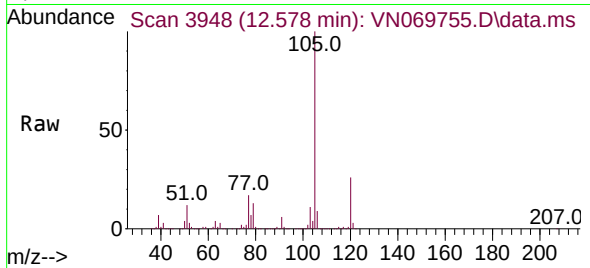
Tgt Ion:152 Resp: 704494
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 174.8 0.0 344.4





#73
Isopropylbenzene
Concen: 50.779 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

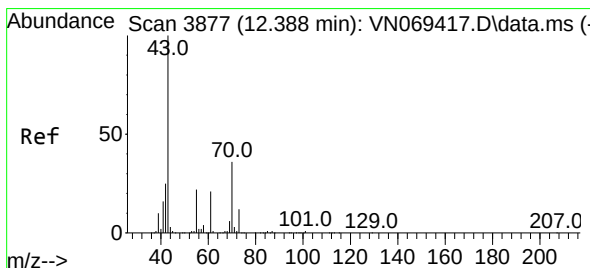
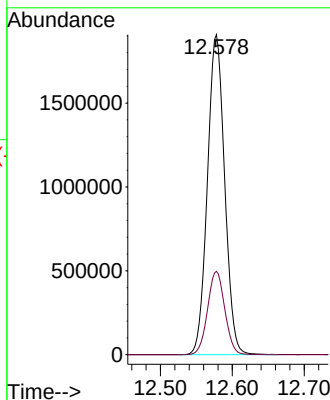
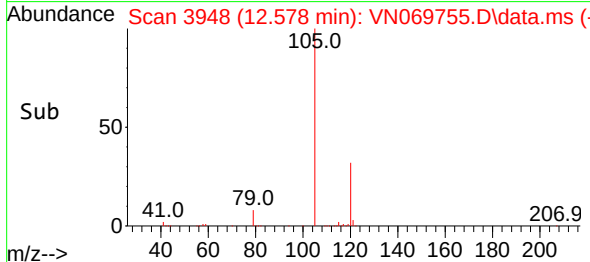
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



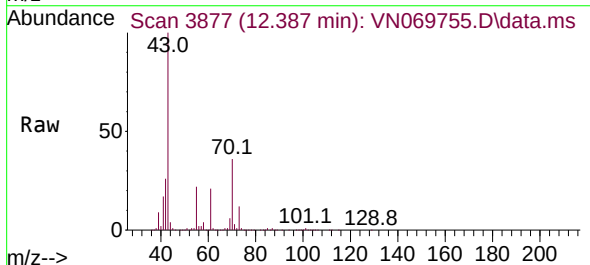
Tgt Ion:105 Resp: 318281
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

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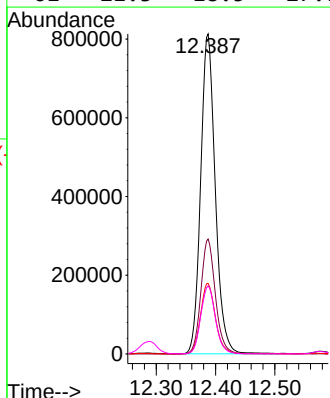
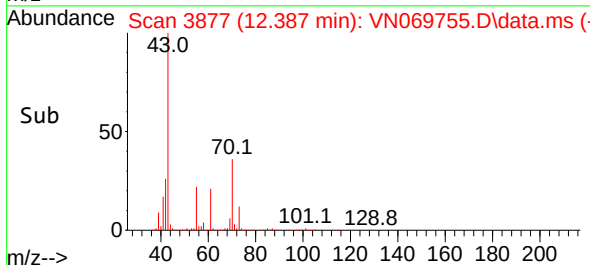
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

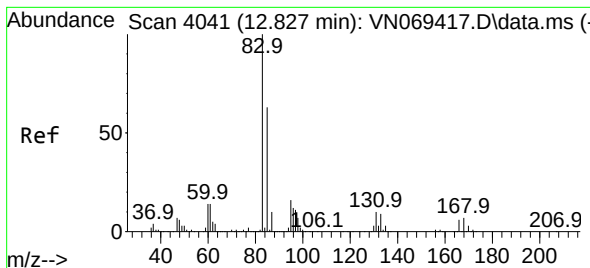


#74
N-ethyl acetate
Concen: 49.996 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



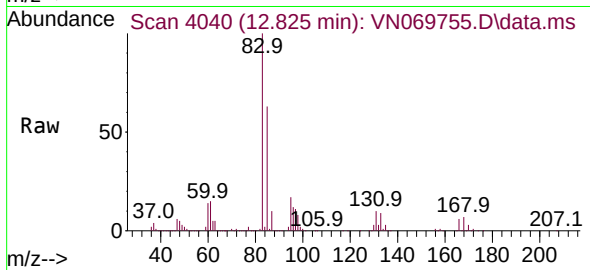
Tgt Ion: 43 Resp: 1385869
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 22.5 19.3 28.9
61 21.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.297 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

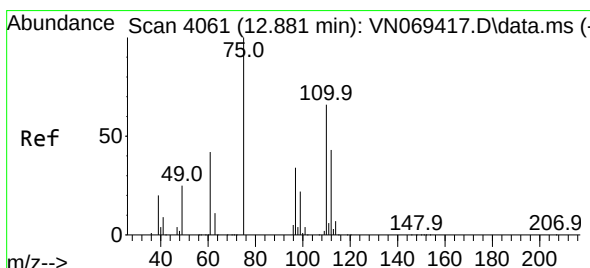
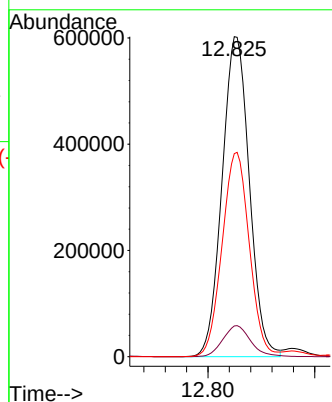
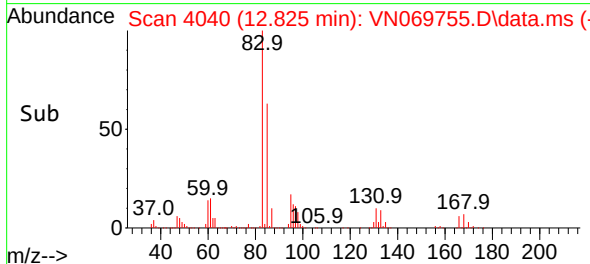
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion: 83 Resp: 1068510
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.6 32.4 97.2

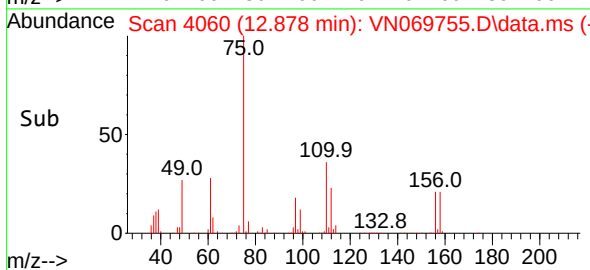
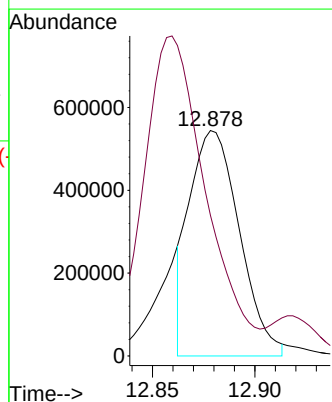
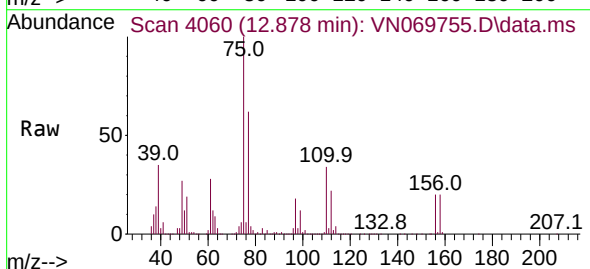
Manual Integrations
APPROVED

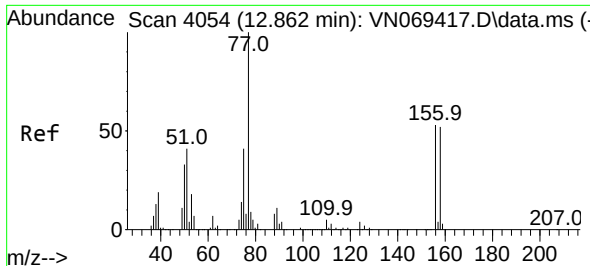
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#76
1,2,3-Trichloropropane
Concen: 45.607 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

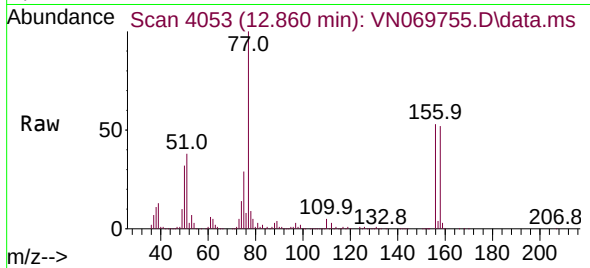
Tgt Ion: 75 Resp: 921406
Ion Ratio Lower Upper
75 100
77 176.7 82.6 247.8





#77
Bromobenzene
Concen: 50.182 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

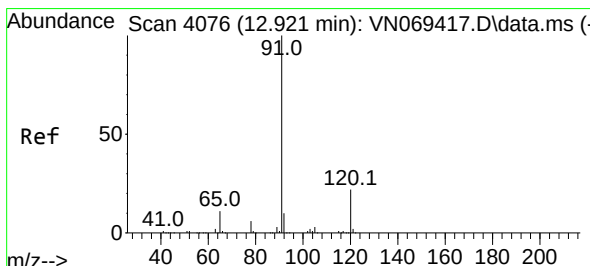
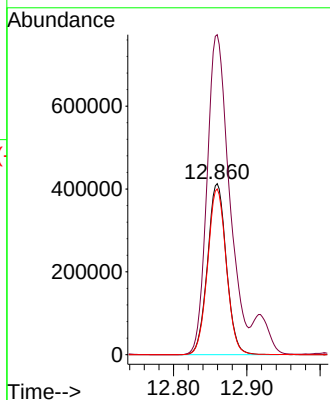
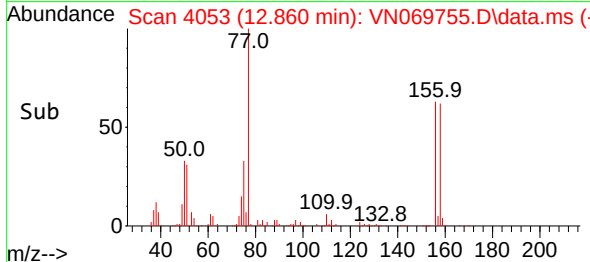
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:156 Resp: 738810
Ion Ratio Lower Upper
156 100
77 220.3 90.6 271.8
158 96.4 48.9 146.7

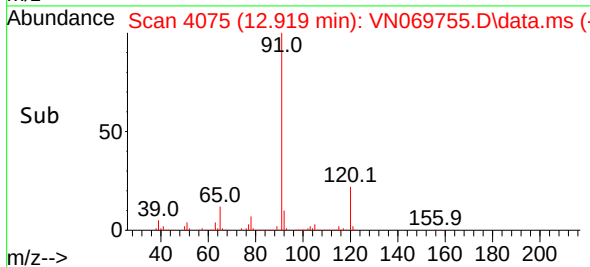
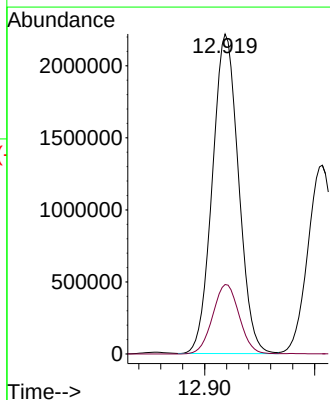
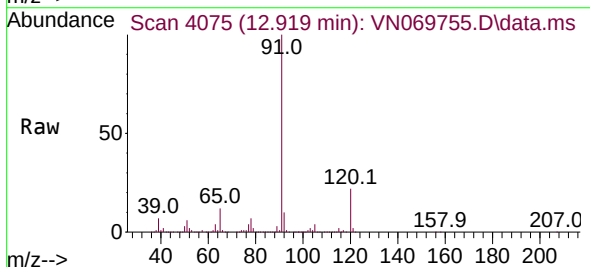
Manual Integrations
APPROVED

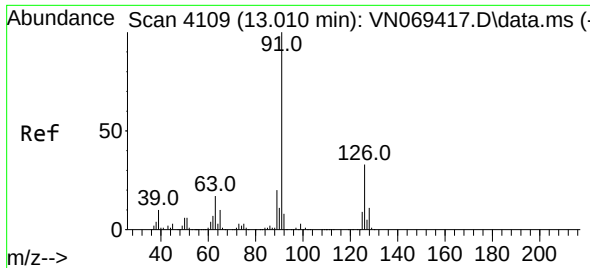
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 52.506 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Tgt Ion: 91 Resp: 3662266
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





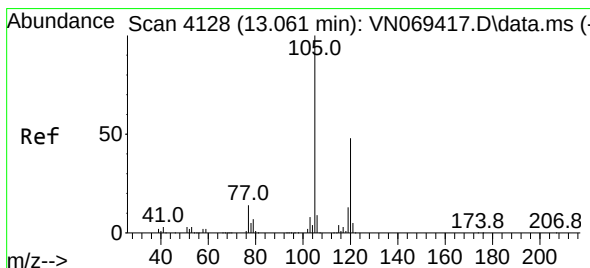
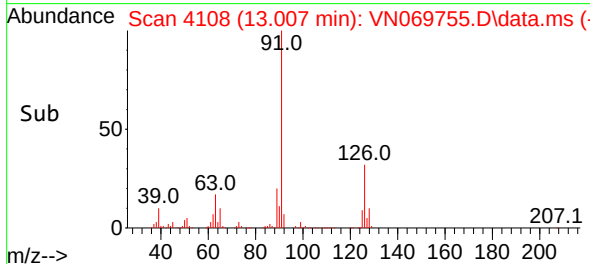
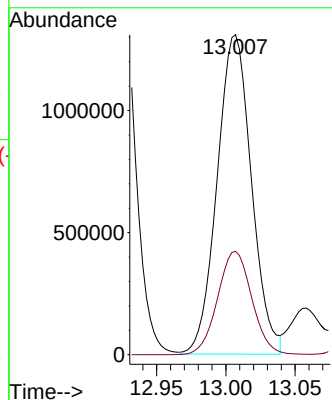
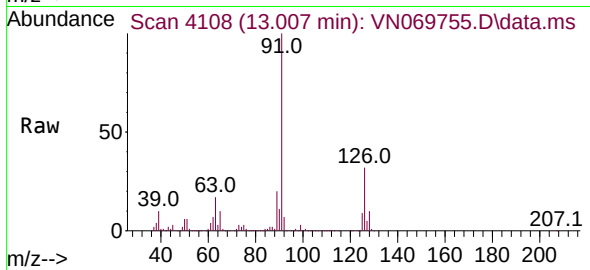
#79
2-Chlorotoluene
Concen: 51.228 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

Tgt Ion: 91 Resp: 225773
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

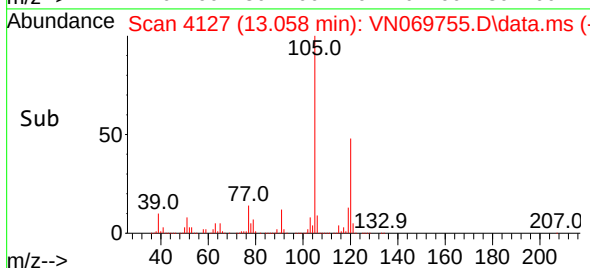
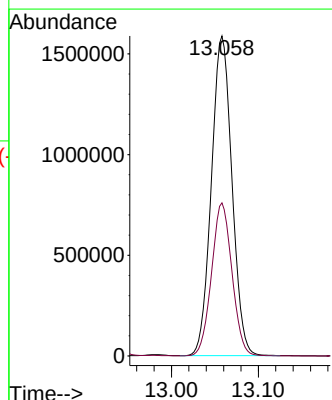
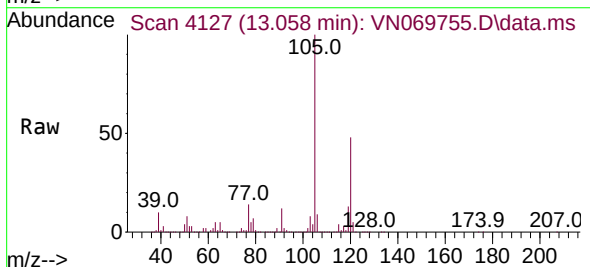
Manual Integrations
APPROVED

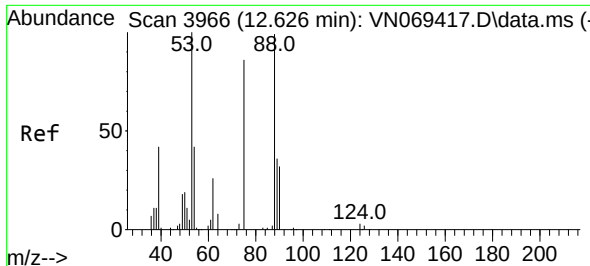
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 51.732 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

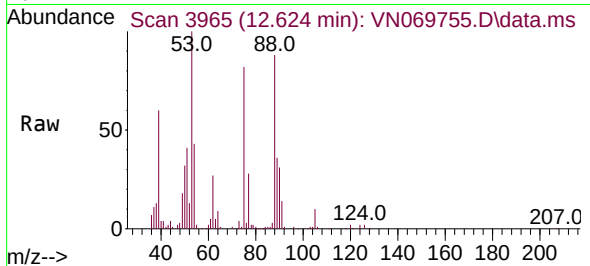
Tgt Ion:105 Resp: 2609884
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.421 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

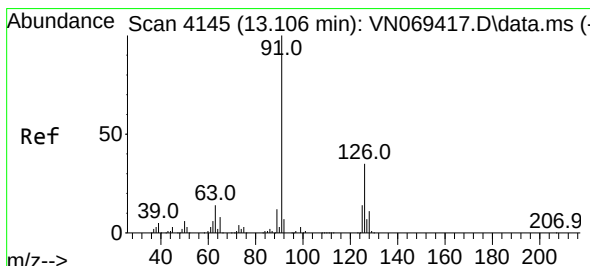
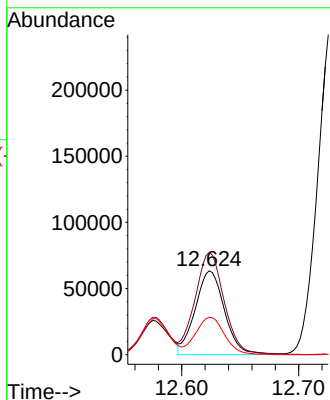
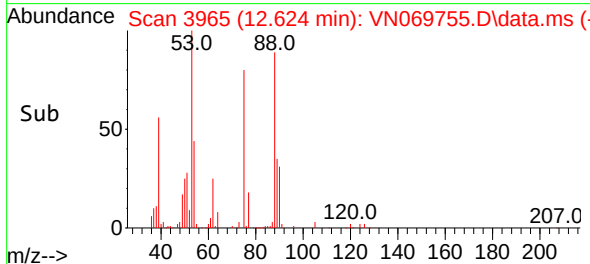
Instrument : MSVOA_N
ClientSampleId : FDR-MW-4-20211202MSD



Tgt Ion: 75 Resp: 10991
Ion Ratio Lower Upper
75 100
53 122.6 90.5 135.7
89 44.8 38.2 57.4

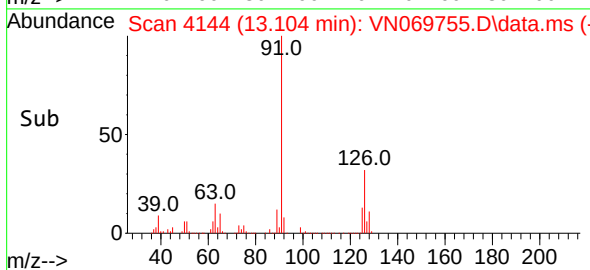
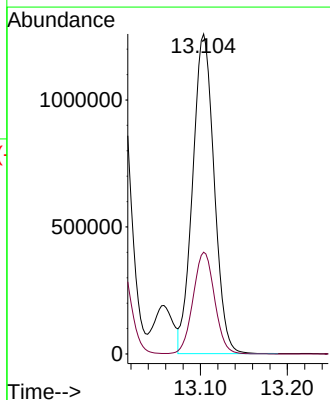
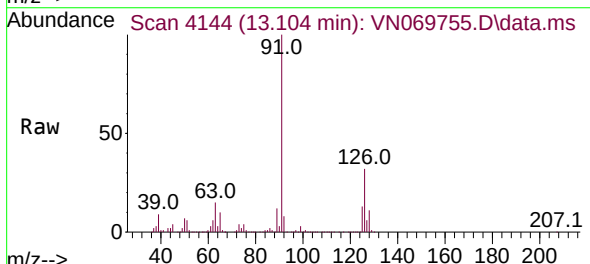
Manual Integrations
APPROVED

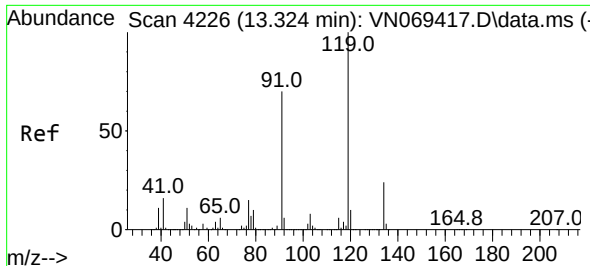
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 52.011 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

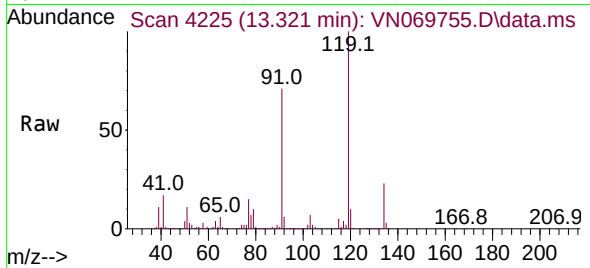
Tgt Ion: 91 Resp: 2155723
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 51.220 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

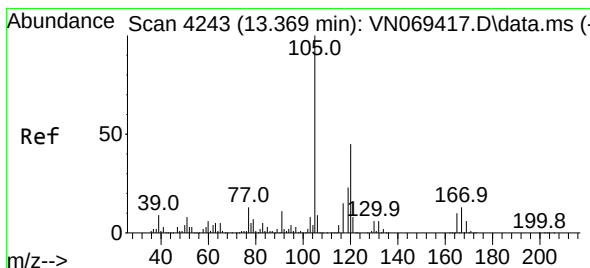
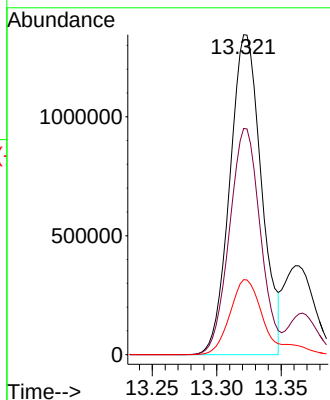
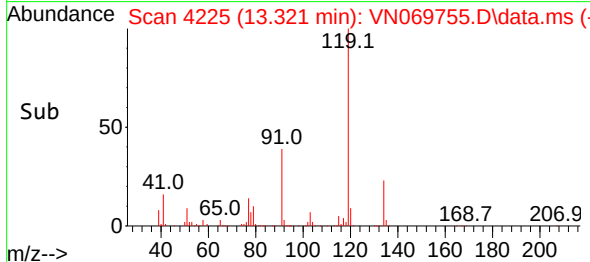
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:119 Resp: 2288109
Ion Ratio Lower Upper
119 100
91 69.7 31.5 94.5
134 25.9 12.4 37.4

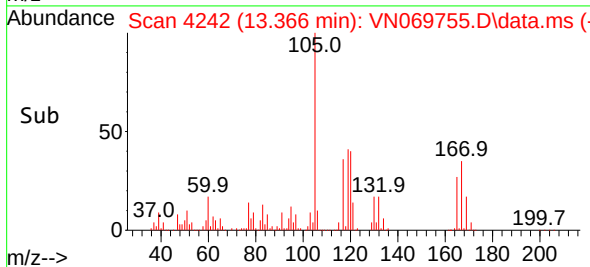
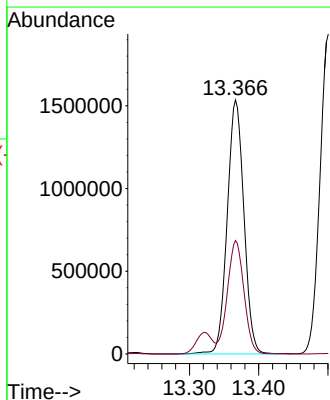
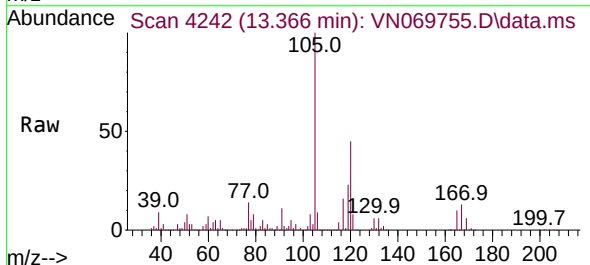
Manual Integrations
APPROVED

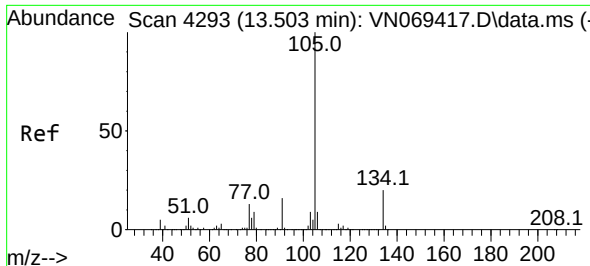
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#84
1,2,4-Trimethylbenzene
Concen: 53.391 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

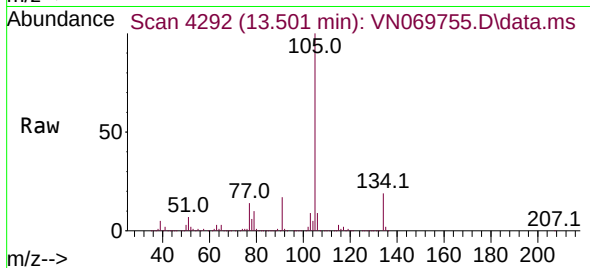
Tgt Ion:105 Resp: 2565258
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 51.639 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45

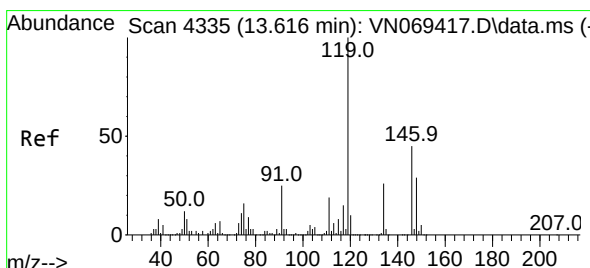
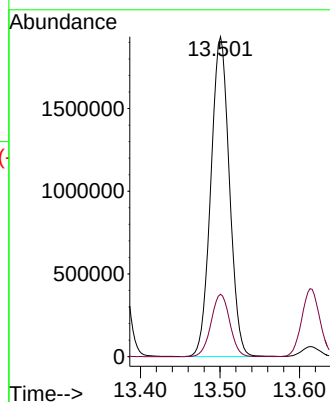
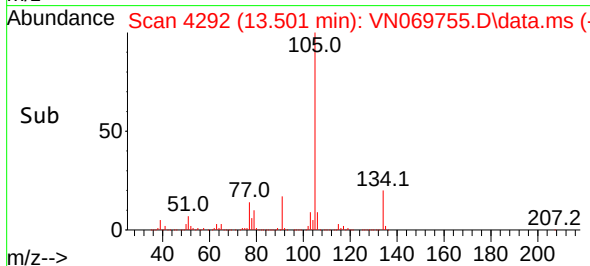
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD



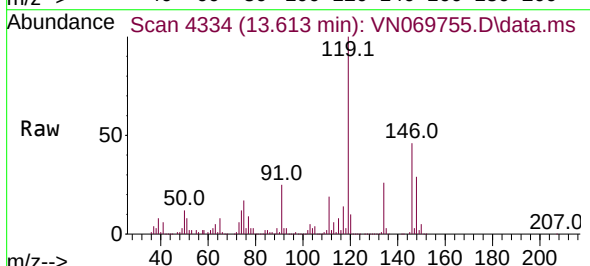
Tgt Ion:105 Resp: 3129030
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

Manual Integrations
 APPROVED

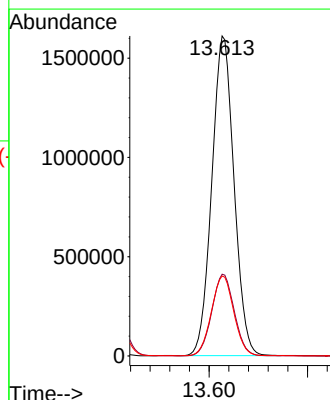
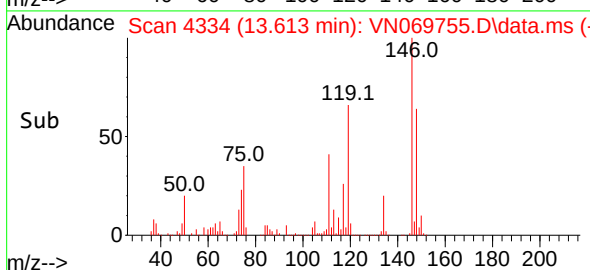
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

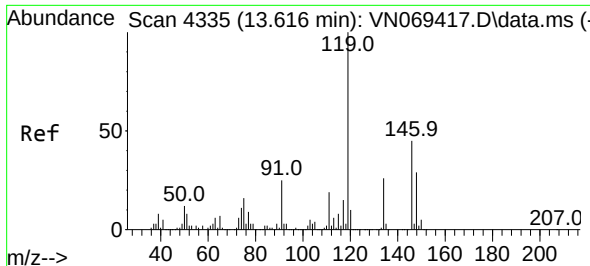


#86
 p-Isopropyltoluene
 Concen: 53.351 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45



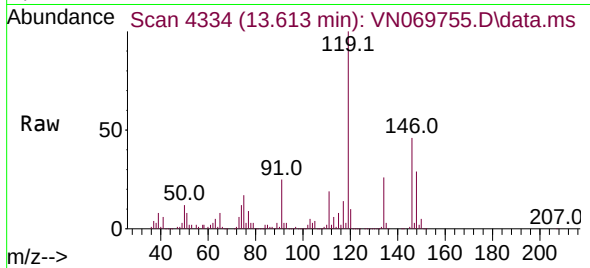
Tgt Ion:119 Resp: 2526882
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 51.920 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

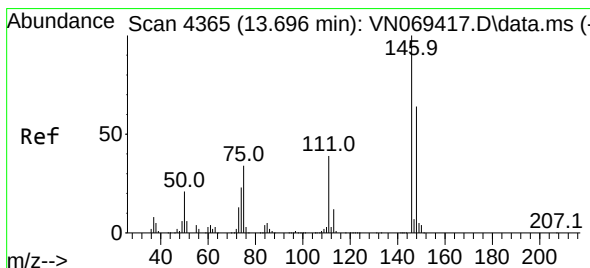
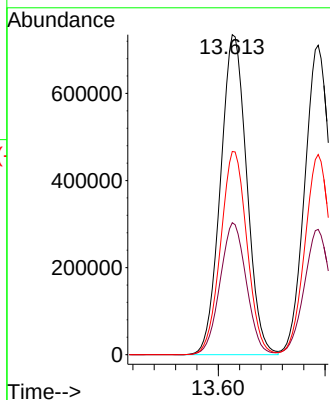
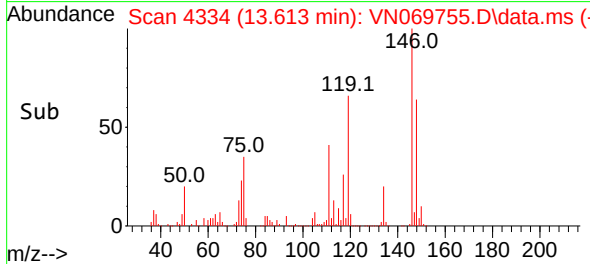
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



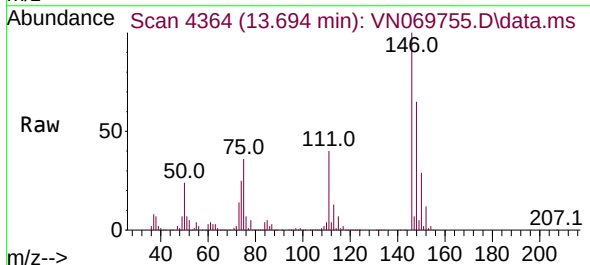
Tgt Ion:146 Resp: 1255802
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

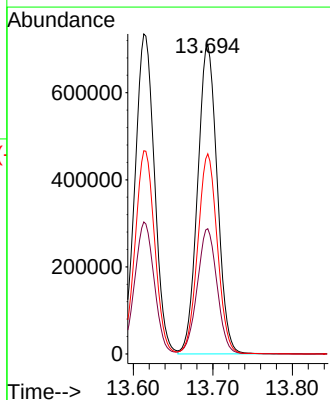
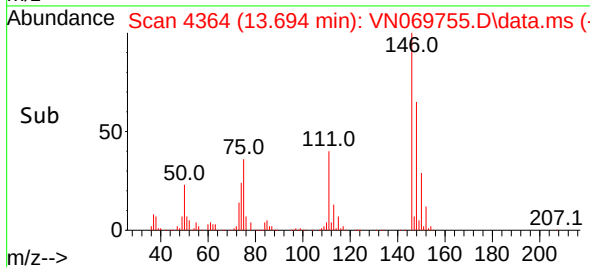
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

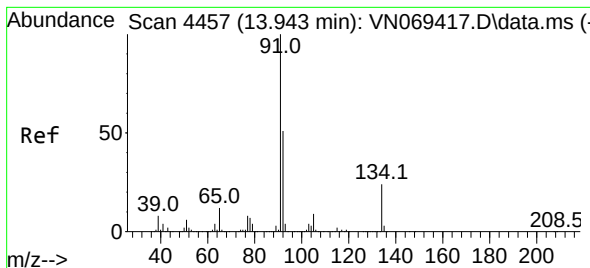


#88
1,4-Dichlorobenzene
Concen: 51.235 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



Tgt Ion:146 Resp: 1217831
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 53.682 ug/l

RT: 13.940 min Scan# 4457

Delta R.T. -0.003 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD

Tgt Ion: 91 Resp: 206252

Ion Ratio Lower Upper

91 100

92 51.4 25.4 76.0

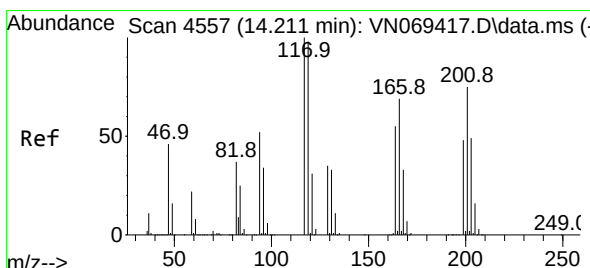
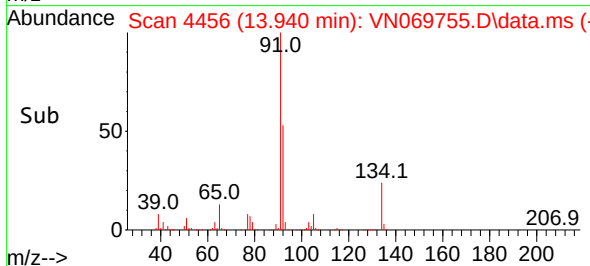
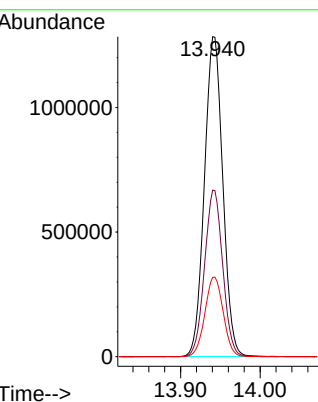
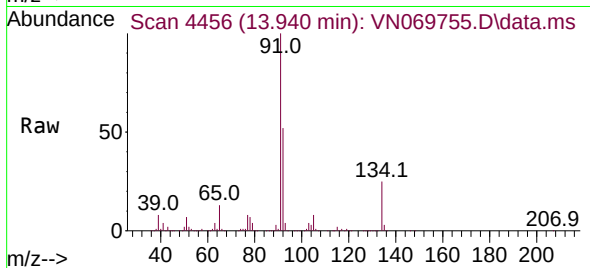
134 24.9 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#90

Hexachloroethane

Concen: 42.030 ug/l

RT: 14.209 min Scan# 4556

Delta R.T. -0.003 min

Lab File: VN069755.D

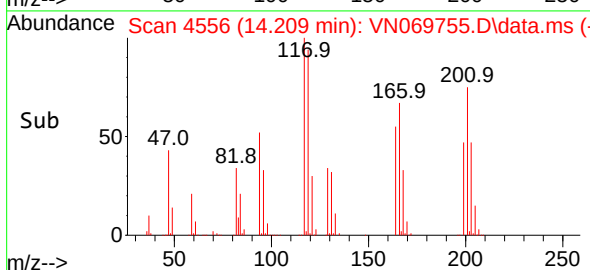
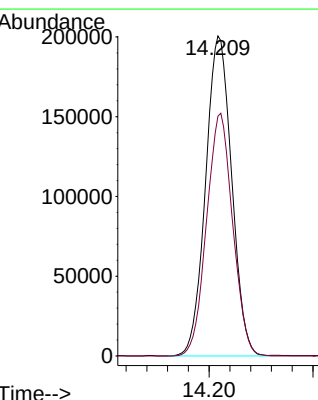
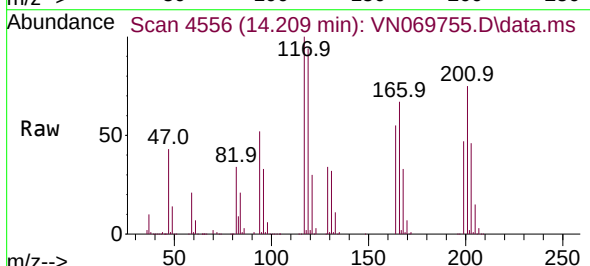
Acq: 4 Dec 2021 7:45

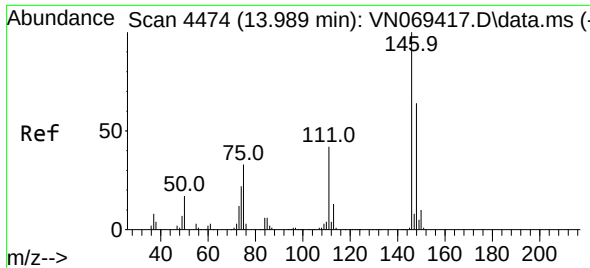
Tgt Ion:117 Resp: 349509

Ion Ratio Lower Upper

117 100

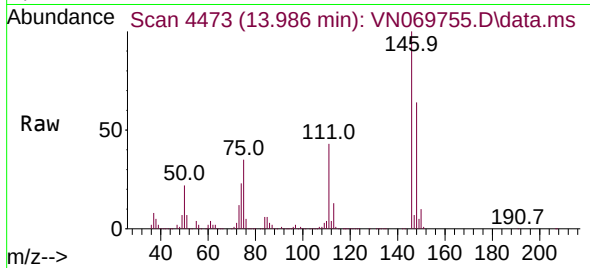
201 75.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.631 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

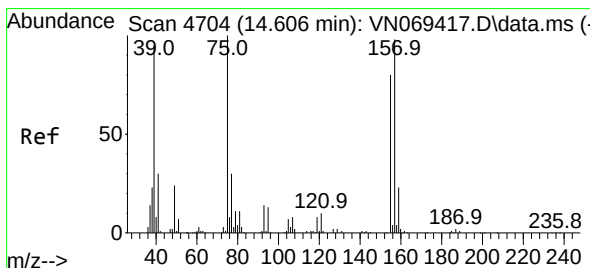
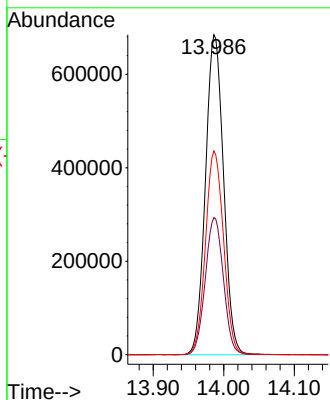
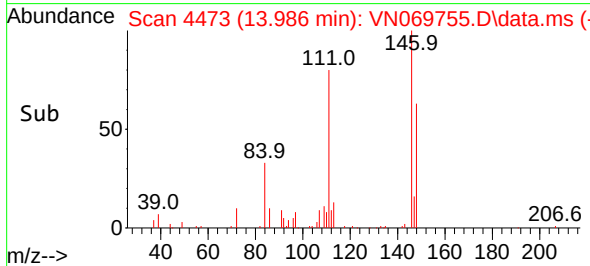
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



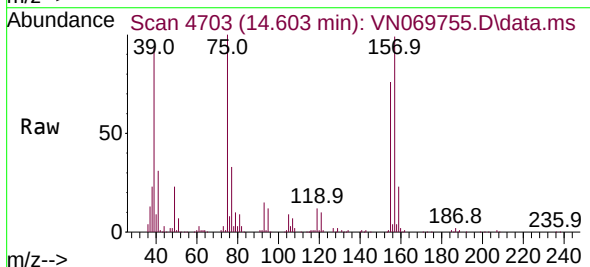
Tgt Ion:146 Resp: 121677
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.8 32.1 96.3

Manual Integrations
APPROVED

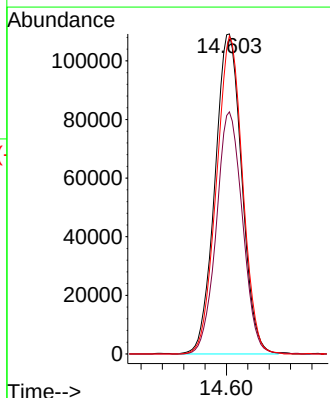
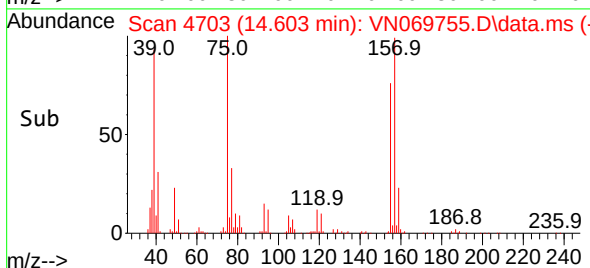
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

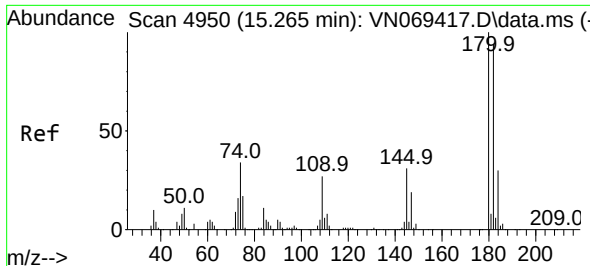


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.695 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45



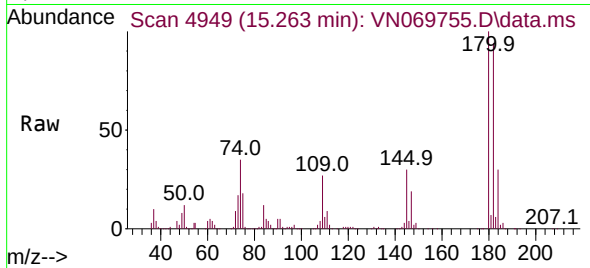
Tgt Ion: 75 Resp: 190720
Ion Ratio Lower Upper
75 100
155 73.8 46.9 140.7
157 96.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 50.340 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

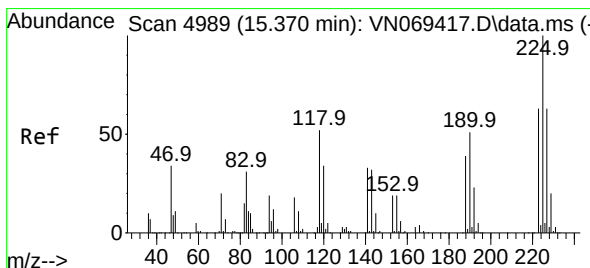
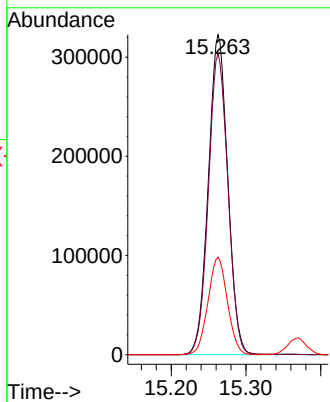
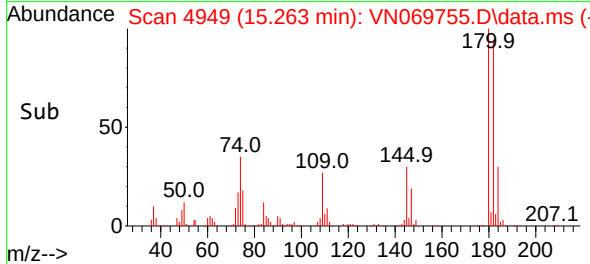
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:180 Resp: 58210
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.9
145 30.5 14.5 43.5

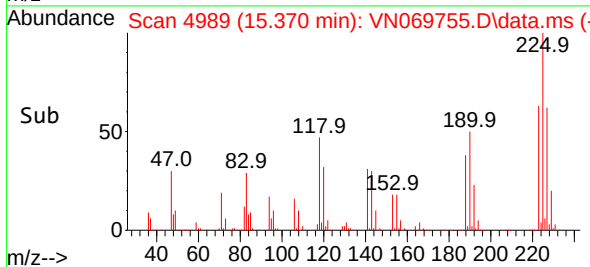
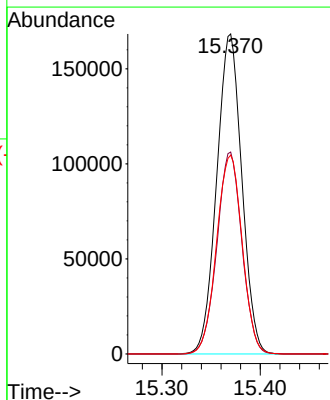
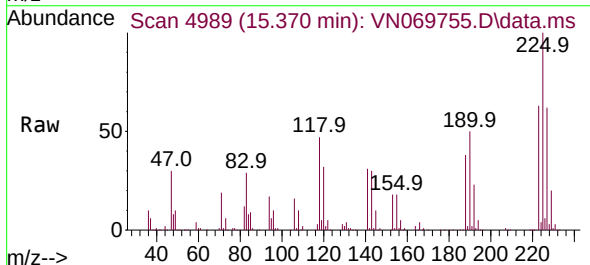
Manual Integrations
APPROVED

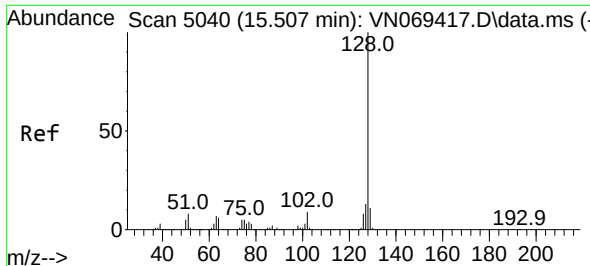
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#94
Hexachlorobutadiene
Concen: 47.854 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

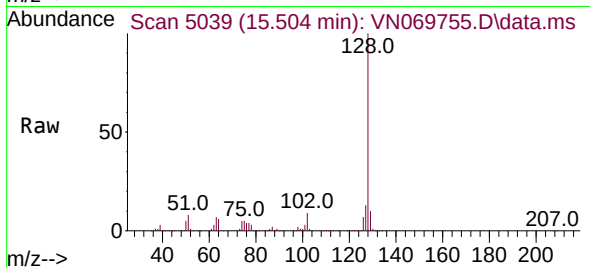
Tgt Ion:225 Resp: 298883
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.7
227 63.5 32.1 96.3





#95
Naphthalene
Concen: 51.865 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

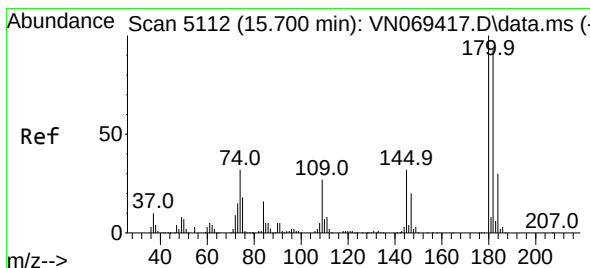
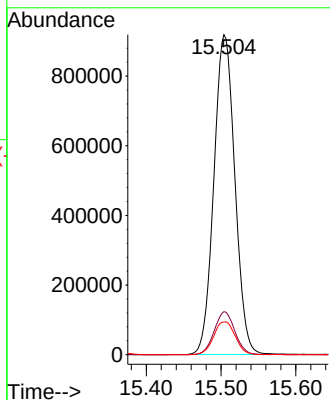
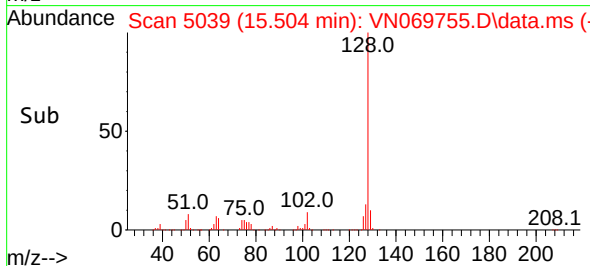
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD



Tgt Ion:128 Resp: 179120
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.125 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Tgt Ion:180 Resp: 588405
Ion Ratio Lower Upper
180 100
182 94.0 47.4 142.2
145 32.5 15.0 45.1

