

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

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	1165888	57.708	ug/l	81
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

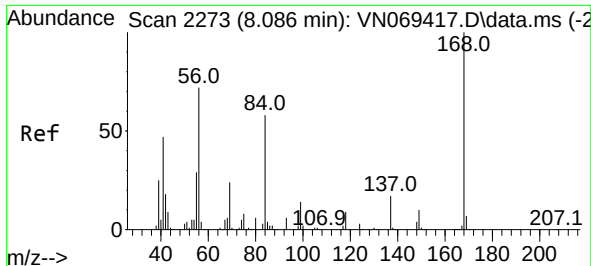
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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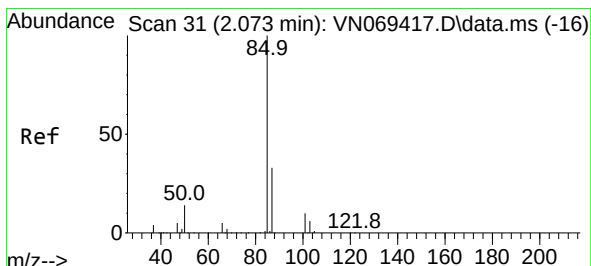
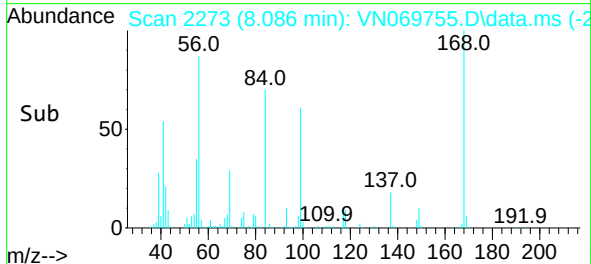
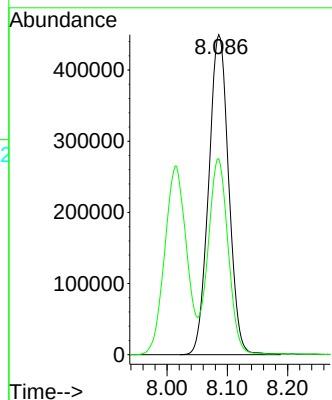
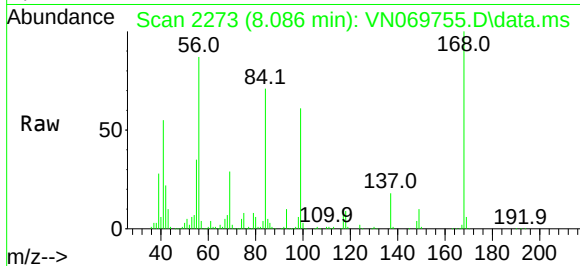
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

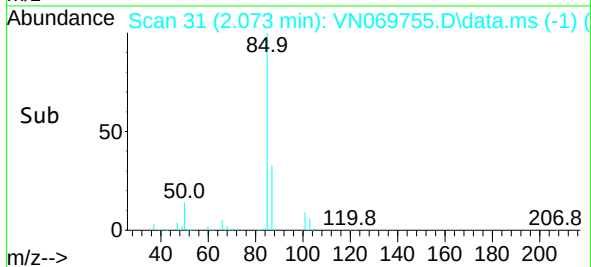
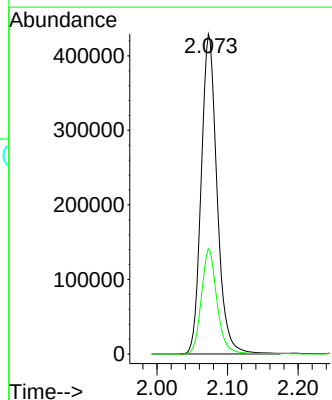
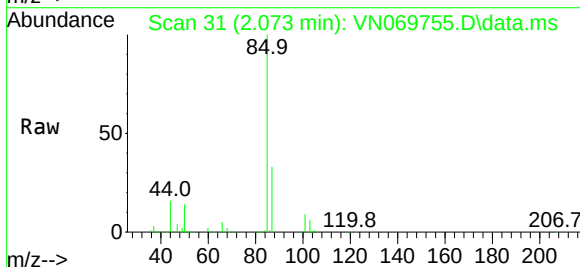
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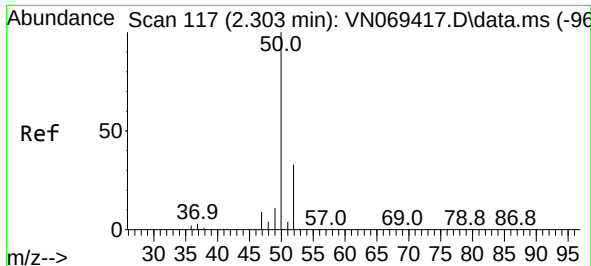
Tgt Ion:168 Resp: 1035797
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#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

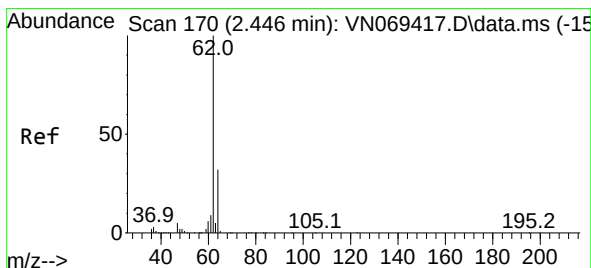
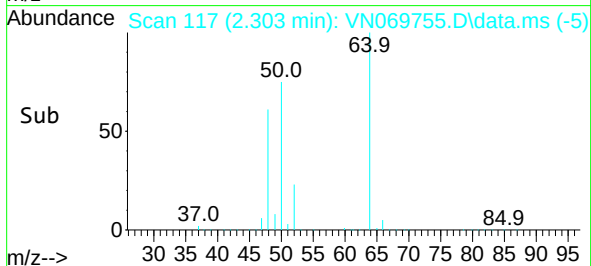
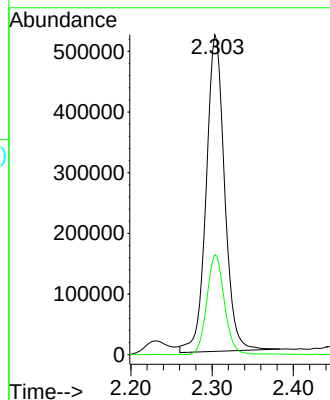
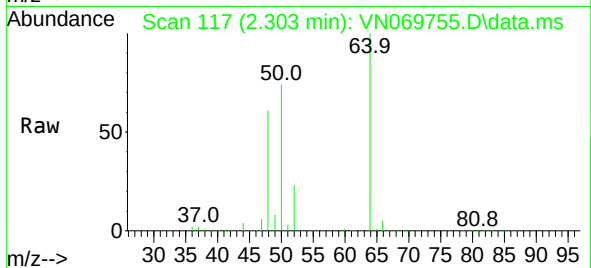




#3
Chloromethane
Concen: 54.200 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

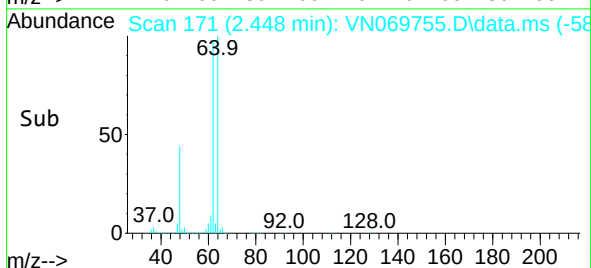
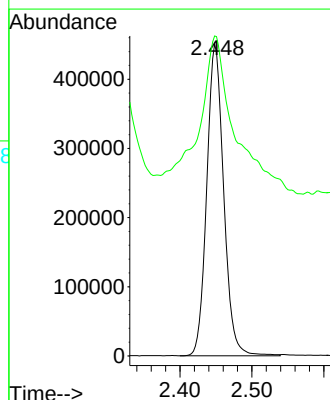
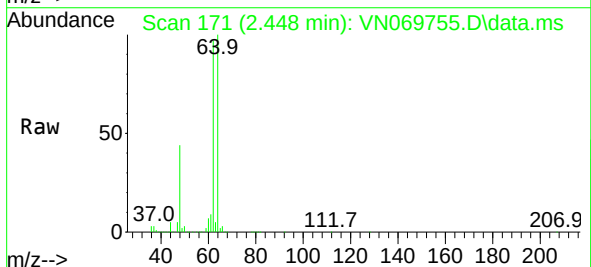
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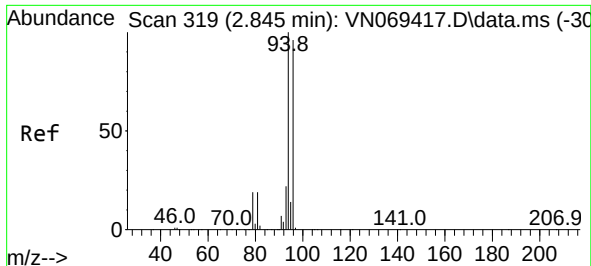
Tgt Ion: 50 Resp: 820328
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0



#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#

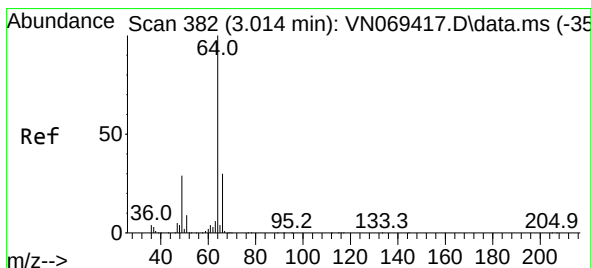
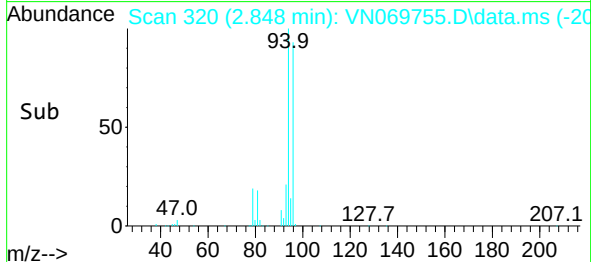
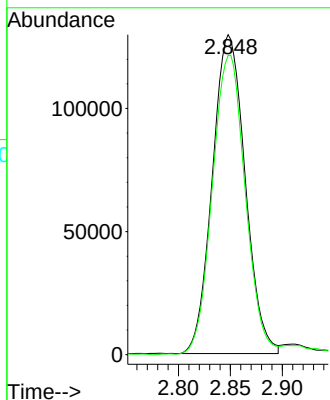
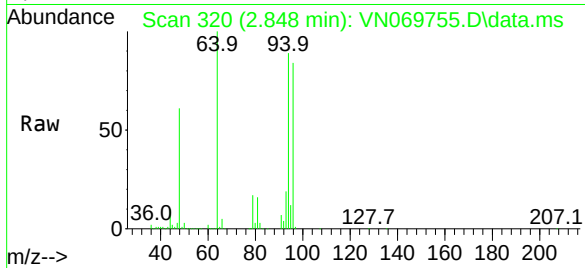




#5
Bromomethane
Concen: 37.640 ug/l
RT: 2.848 min Scan# 319
Delta R.T. 0.011 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

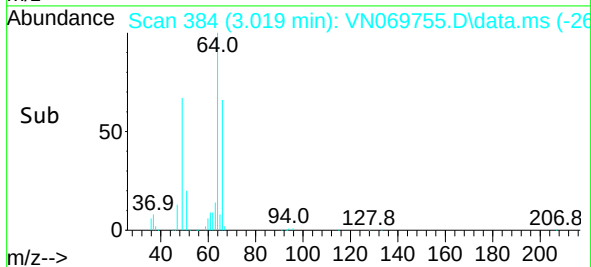
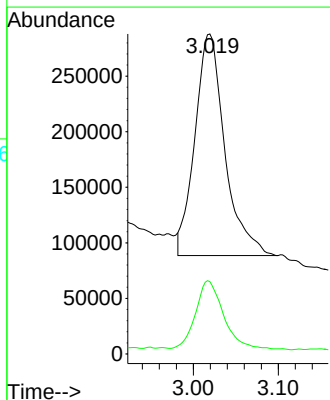
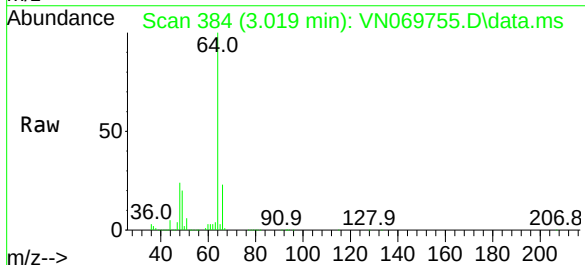
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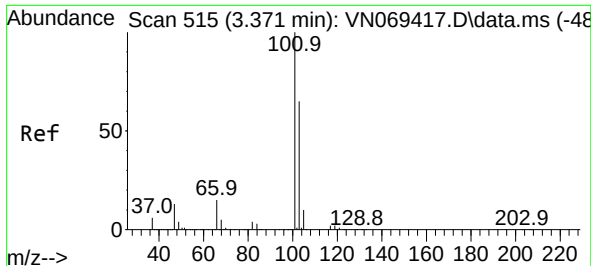
Tgt Ion: 94 Resp: 284588
Ion Ratio Lower Upper
94 100
96 93.6 73.8 110.8



#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

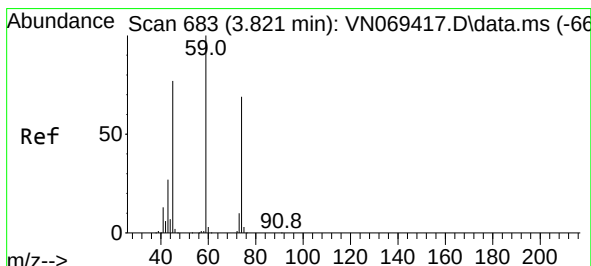
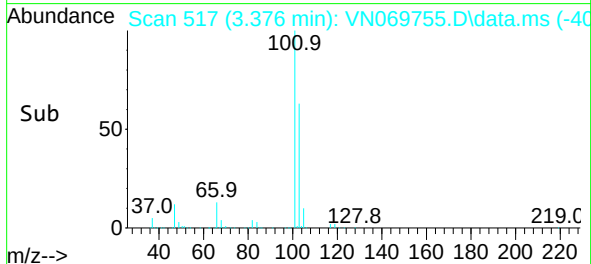
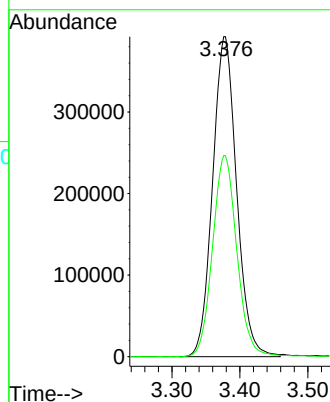
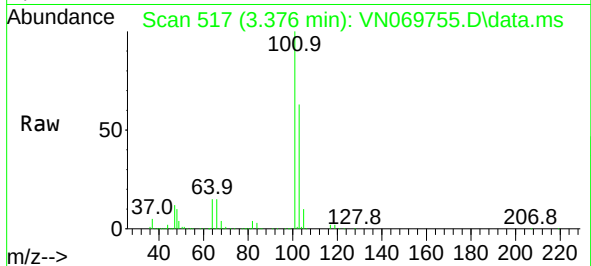




#7
Trichlorofluoromethane
Concen: 52.708 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.008 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

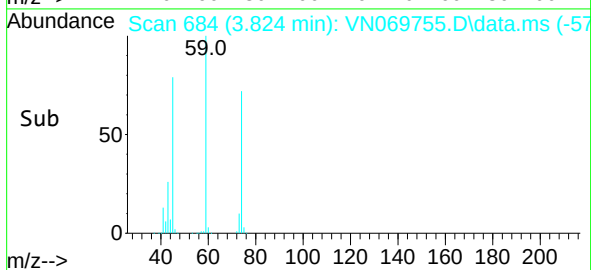
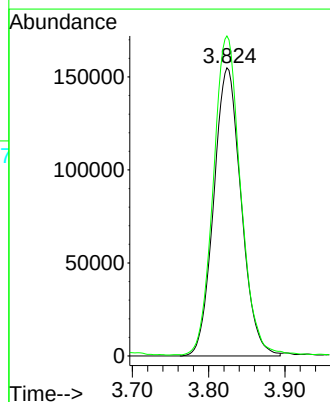
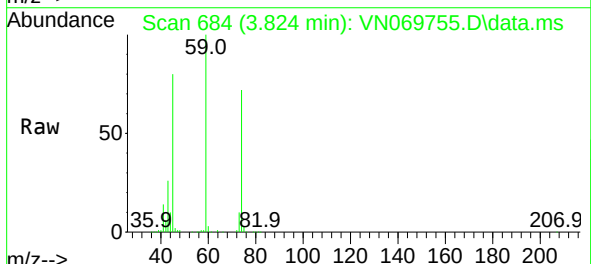
Instrument :
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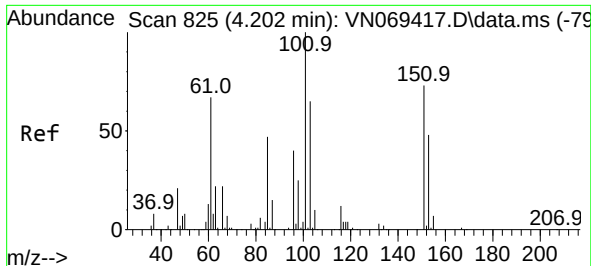
Tgt Ion:101 Resp: 962735
Ion Ratio Lower Upper
101 100
103 62.9 50.1 75.1



#8
Diethyl Ether
Concen: 54.995 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

Tgt Ion: 74 Resp: 386875
Ion Ratio Lower Upper
74 100
45 109.7 47.0 141.2

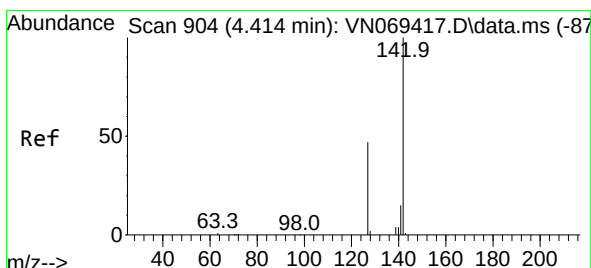
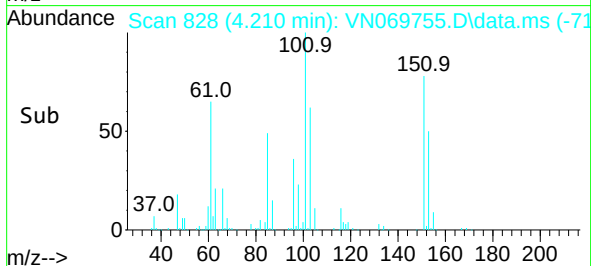
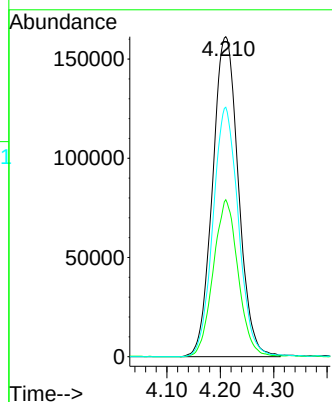
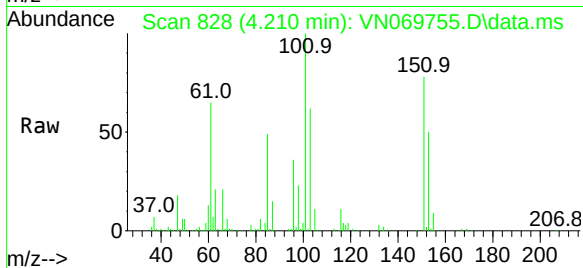




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.991 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
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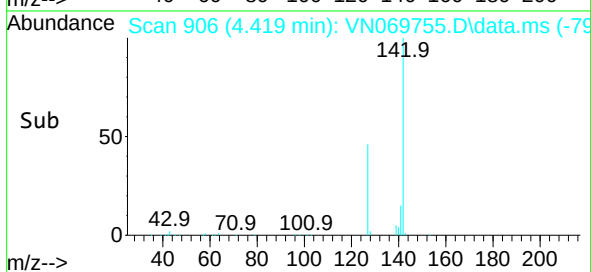
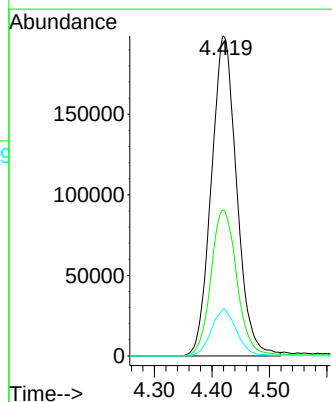
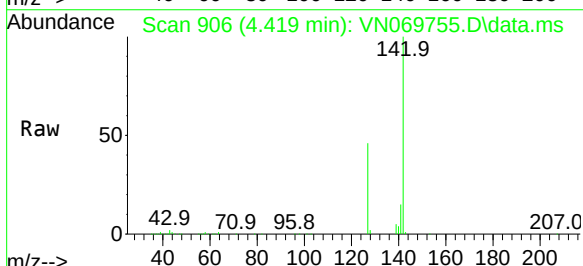
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

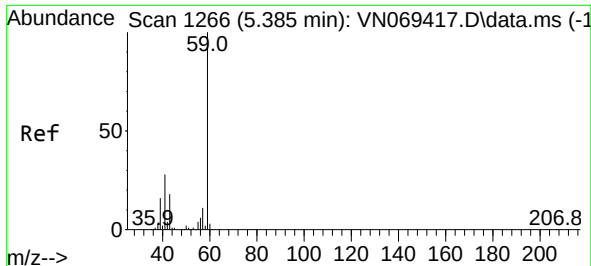
Tgt Ion:101 Resp: 542557
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 76.7 65.9 98.9



#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

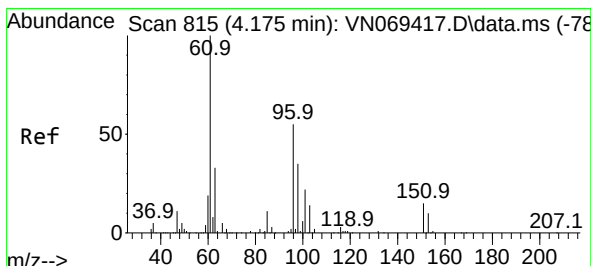
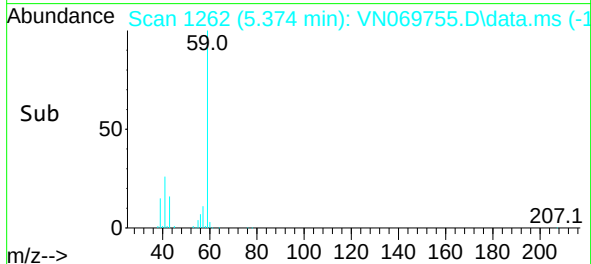
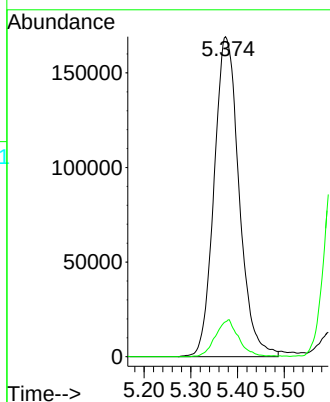
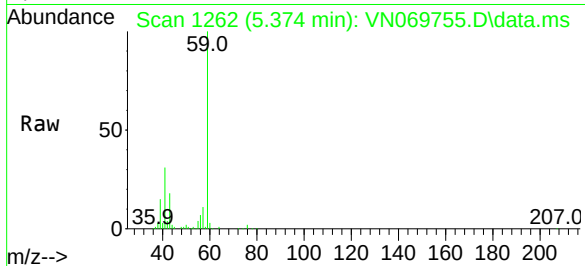




#11
Tert butyl alcohol
Concen: 207.861 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

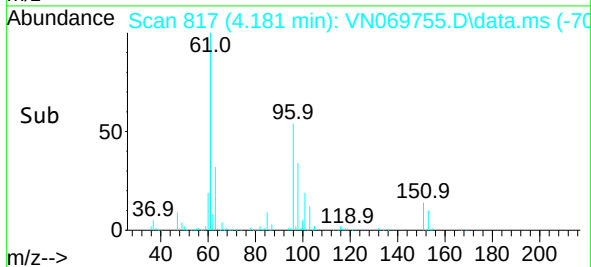
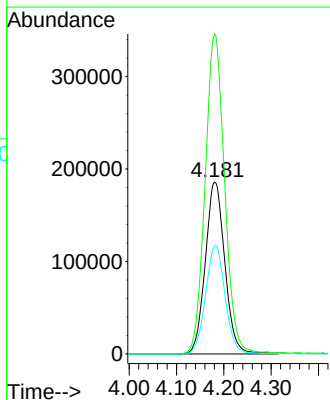
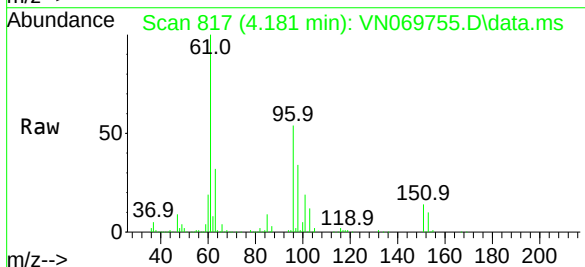
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

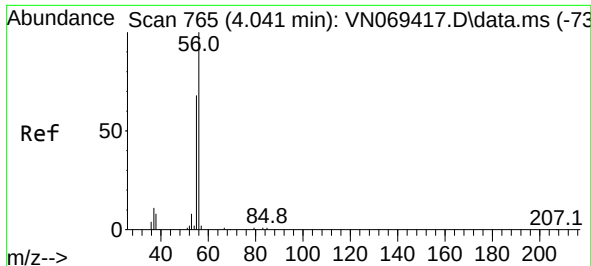
Tgt Ion: 59 Resp: 628367
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#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

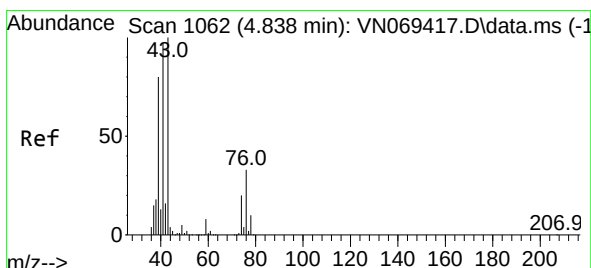
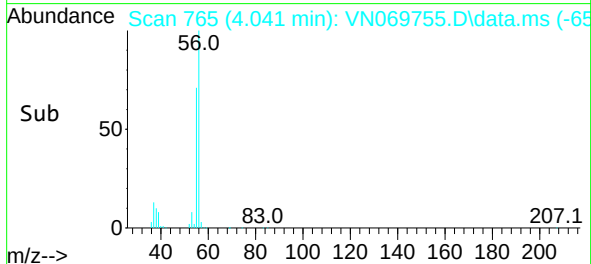
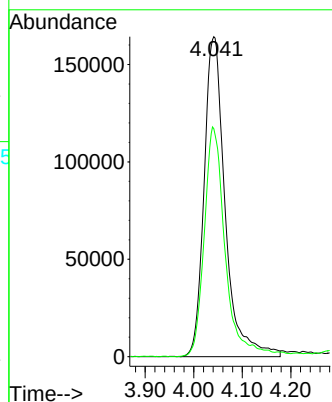
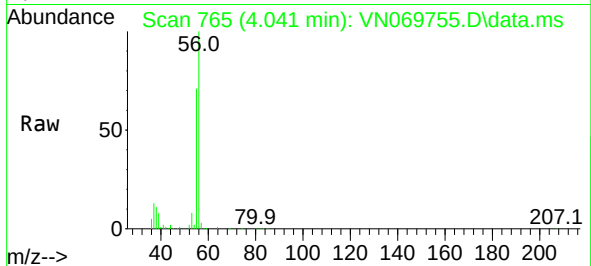




#13
Acrolein
Concen: 192.347 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

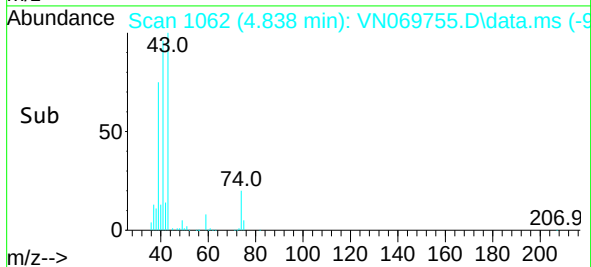
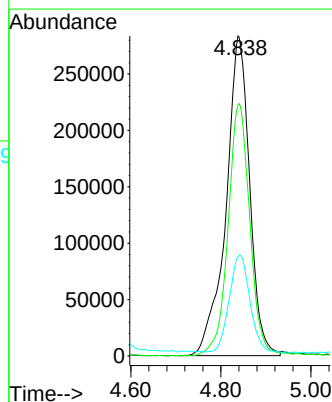
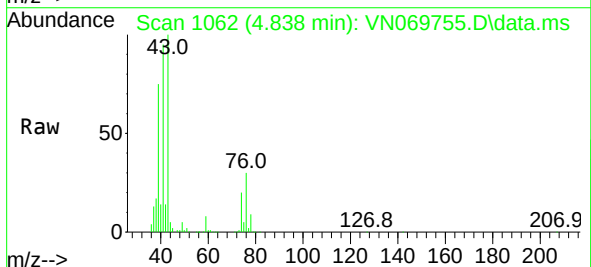
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

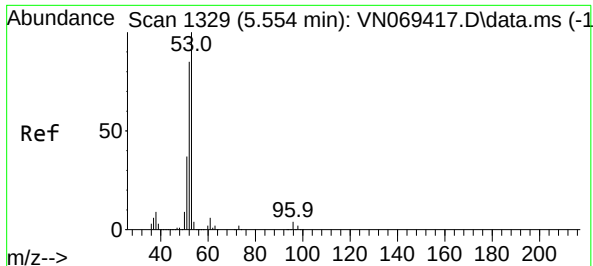
Tgt Ion: 56 Resp: 495171
Ion Ratio Lower Upper
56 100
55 68.6 56.6 85.0



#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

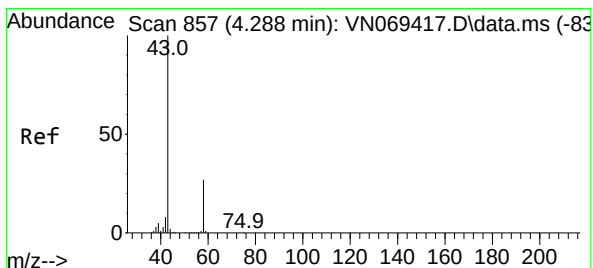
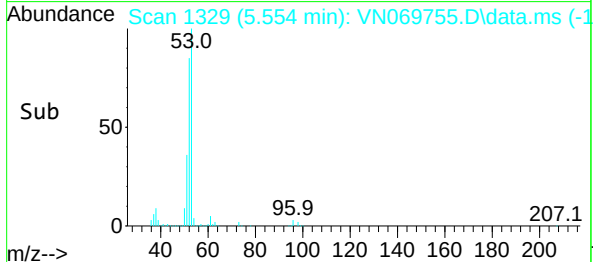
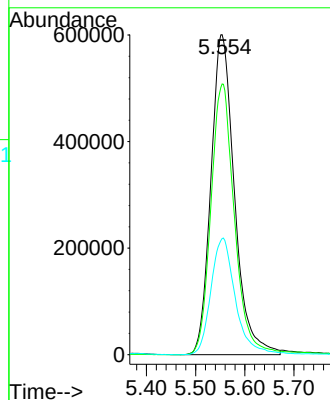
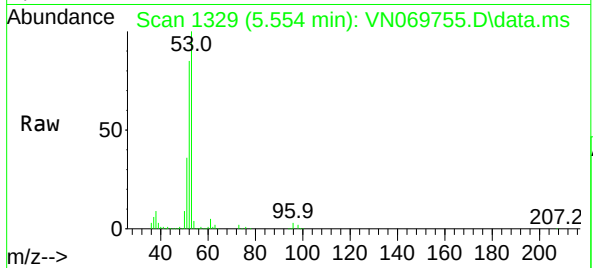




#15
Acrylonitrile
Concen: 245.602 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

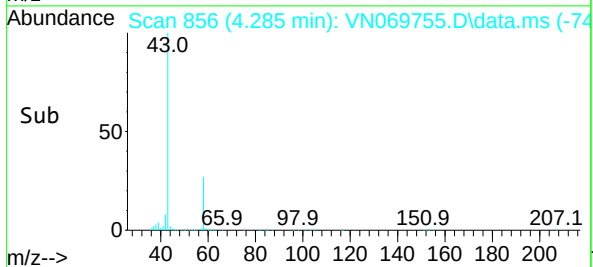
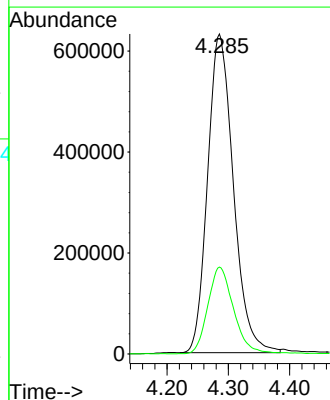
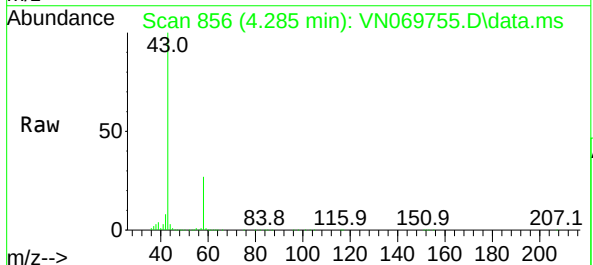
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

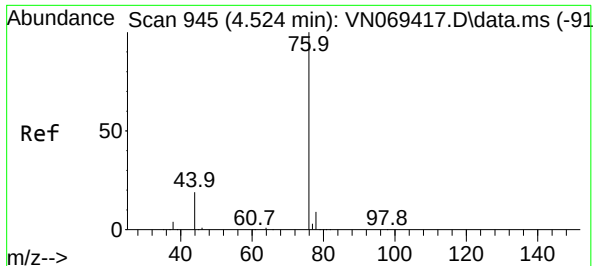
Tgt Ion: 53 Resp: 2000654
Ion Ratio Lower Upper
53 100
52 84.6 66.2 99.2
51 38.0 29.6 44.4



#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

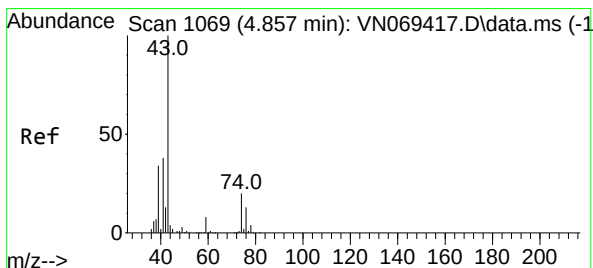
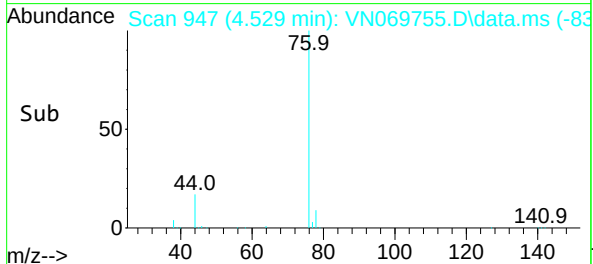
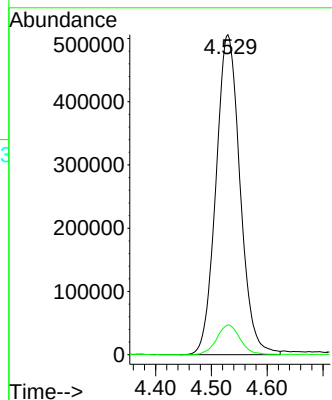
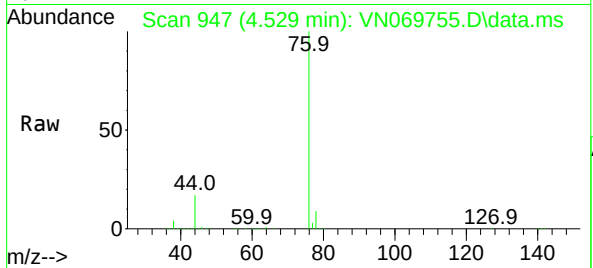




#17
Carbon Disulfide
Concen: 59.593 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

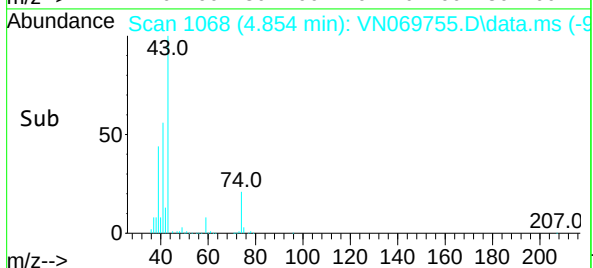
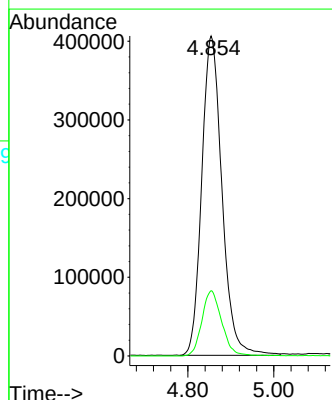
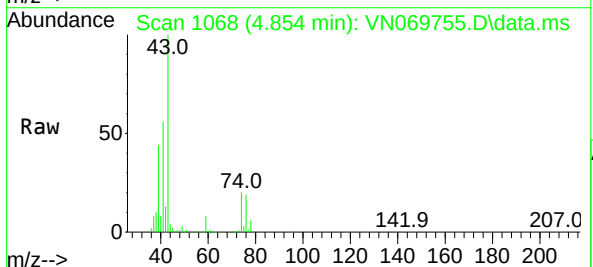
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

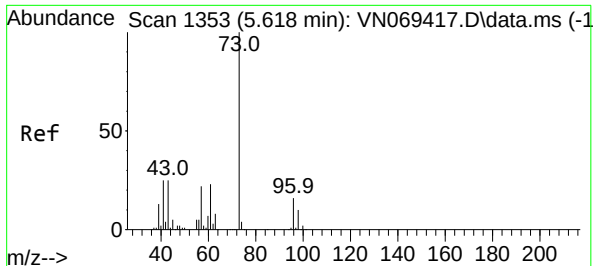
Tgt Ion: 76 Resp: 1519013
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#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# 11

Delta R.T. -0.003 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

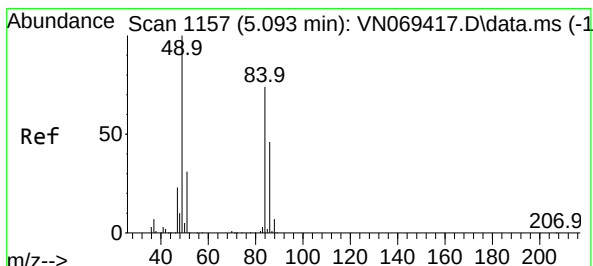
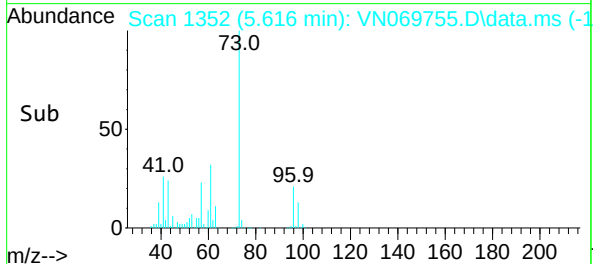
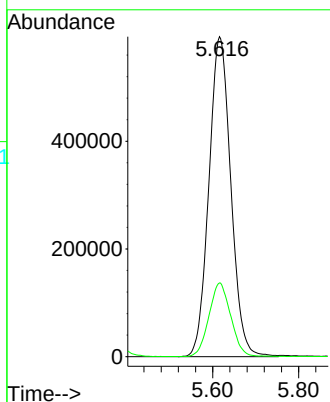
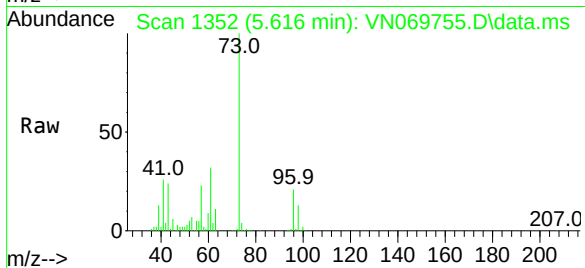
FDR-MW-4-20211202MSD

Tgt Ion: 73 Resp: 2107356

Ion Ratio Lower Upper

73 100

57 23.0 16.8 25.2



#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

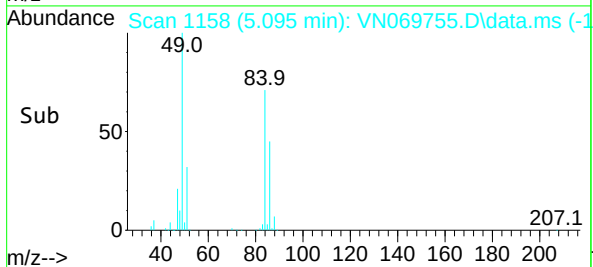
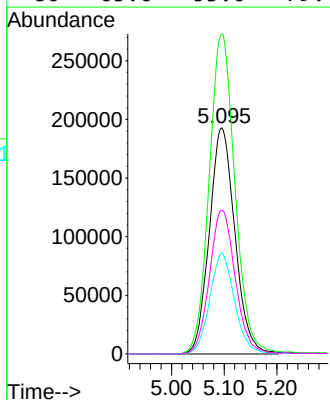
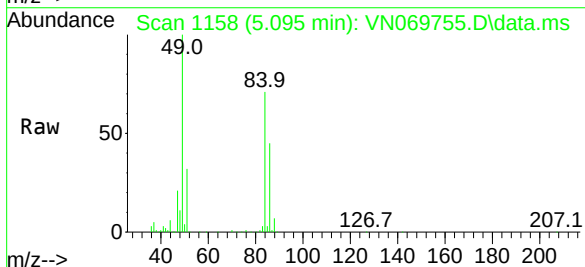
Ion Ratio Lower Upper

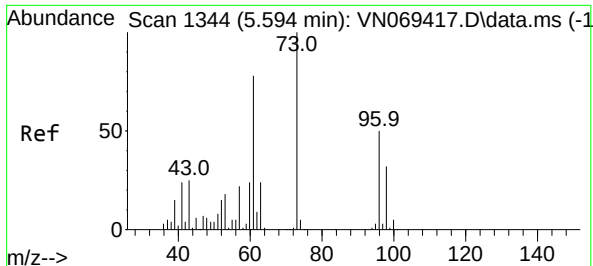
84 100

49 141.4 93.5 140.3#

51 44.7 29.4 44.2#

86 63.6 53.0 79.4

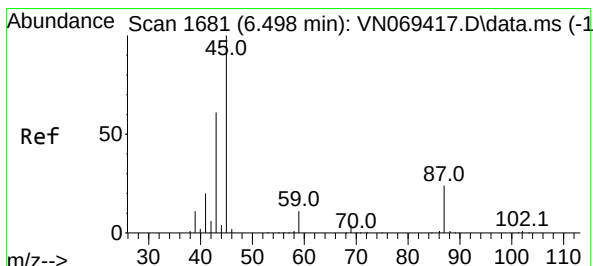
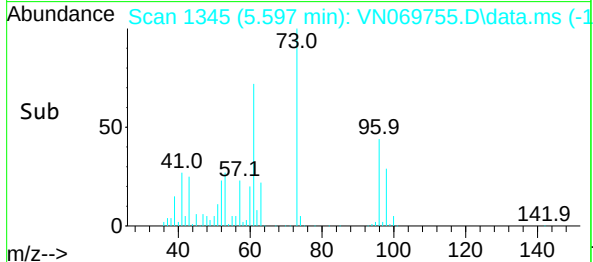
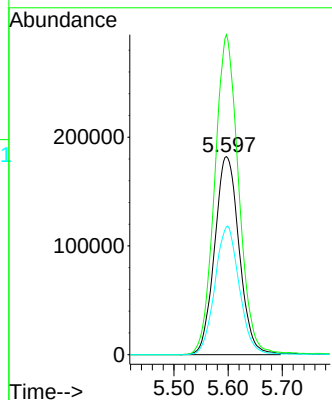
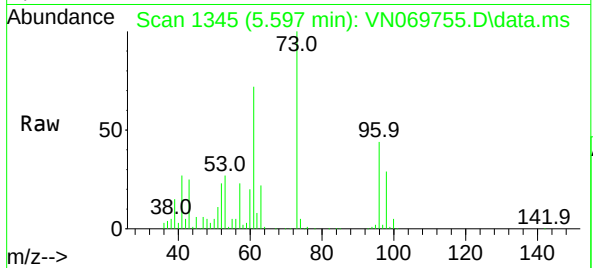




#21
trans-1,2-Dichloroethene
Concen: 53.538 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

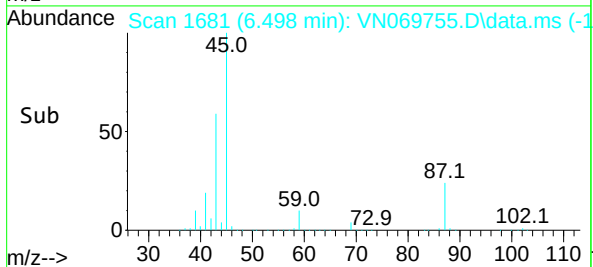
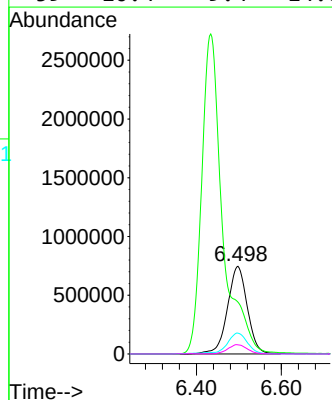
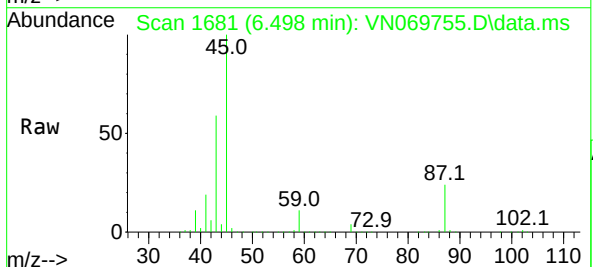
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MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

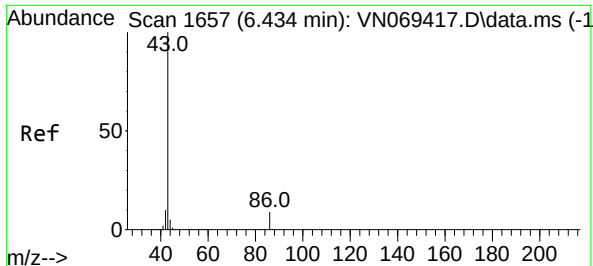
Tgt Ion: 96 Resp: 573732
Ion Ratio Lower Upper
96 100
61 161.5 105.8 158.6#
98 64.6 52.0 78.0



#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

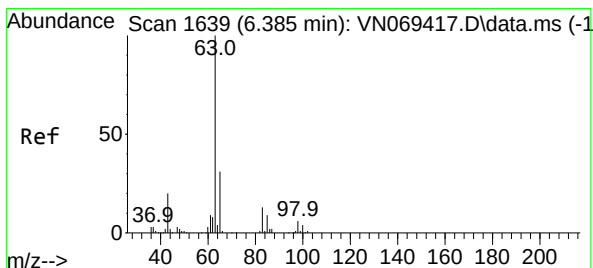
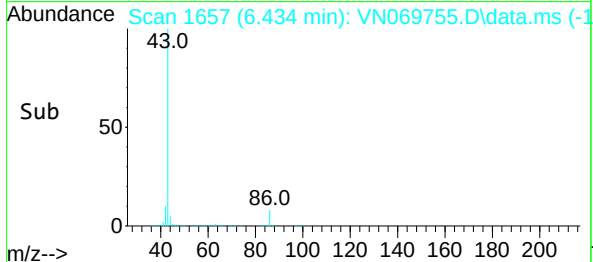
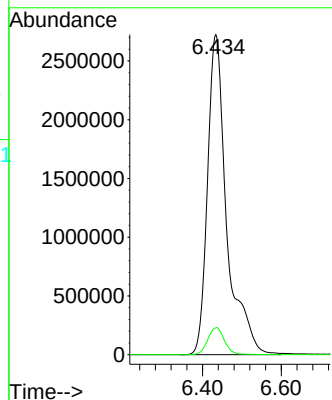
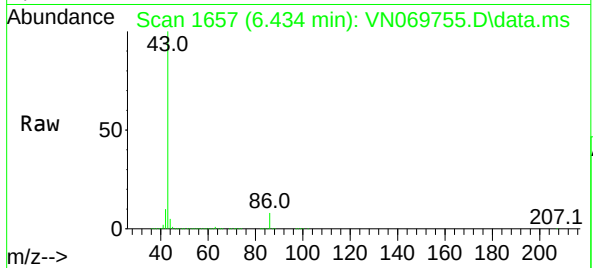




#23
 Vinyl Acetate
 Concen: 261.926 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45

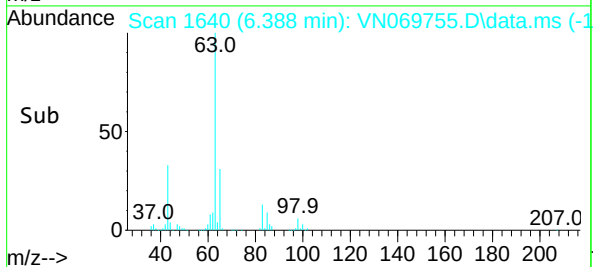
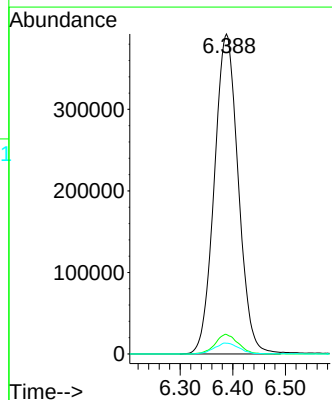
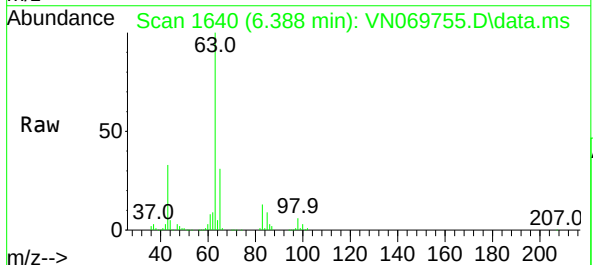
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD

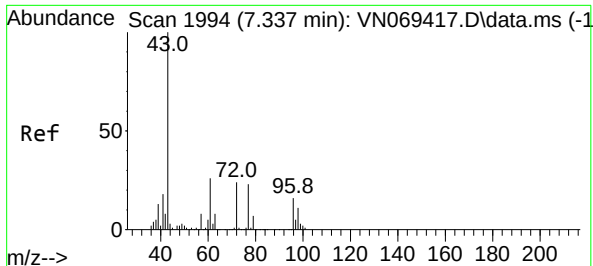
Tgt Ion: 43 Resp: 9259887
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7#



#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

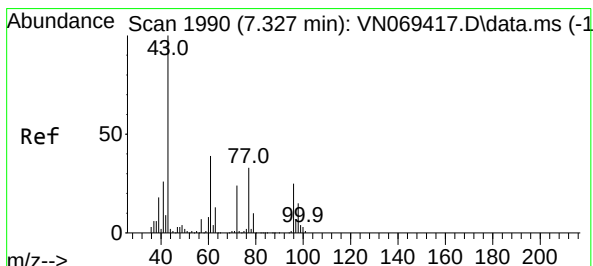
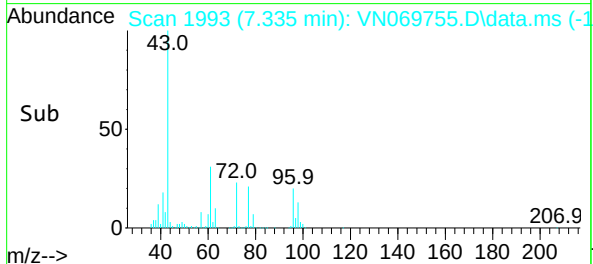
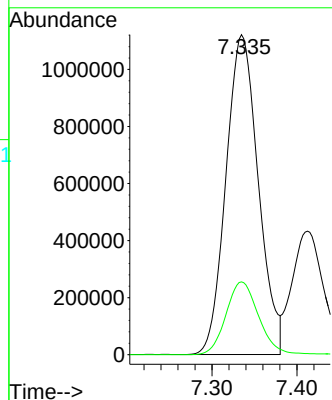
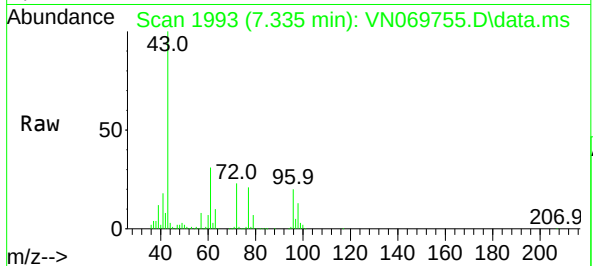




#25
2-Butanone
Concen: 226.890 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

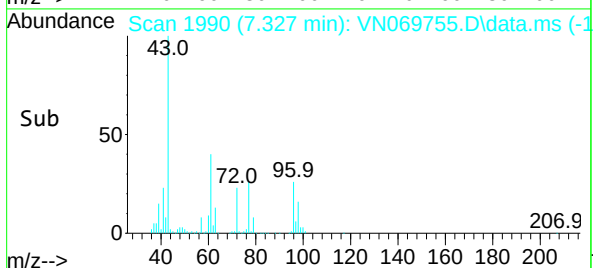
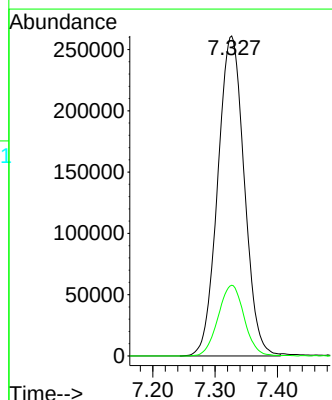
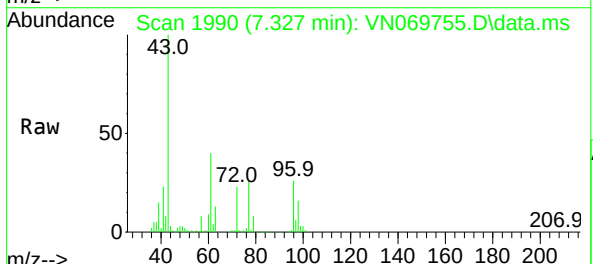
Instrument : MSVOA_N
ClientSampleId : FDR-MW-4-20211202MSD

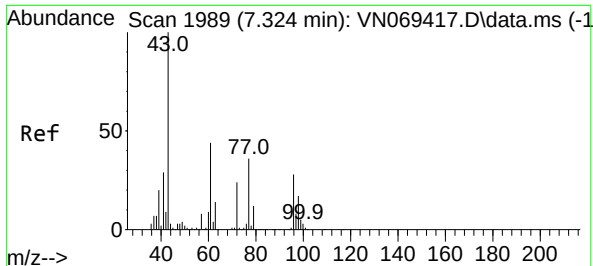
Tgt Ion: 43 Resp: 2965743
Ion Ratio Lower Upper
43 100
72 22.8 21.7 32.5



#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

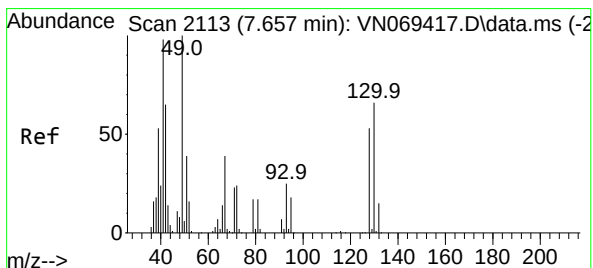
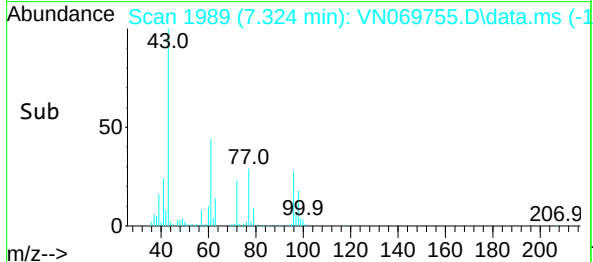
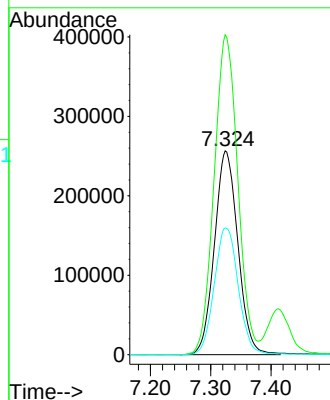
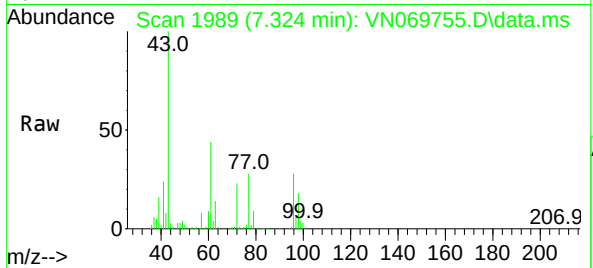
Tgt Ion: 96 Resp: 693842

Ion Ratio Lower Upper

96 100

61 158.3 0.0 275.0

98 63.7 0.0 129.6



#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

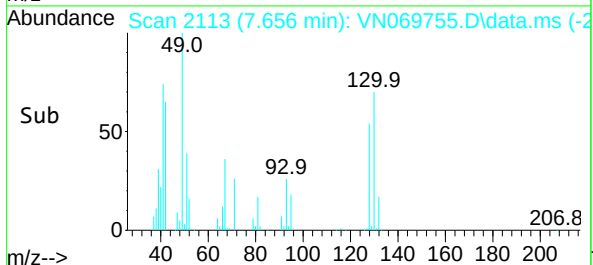
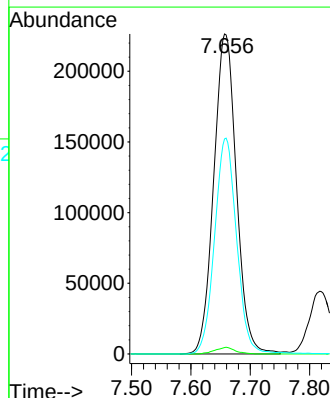
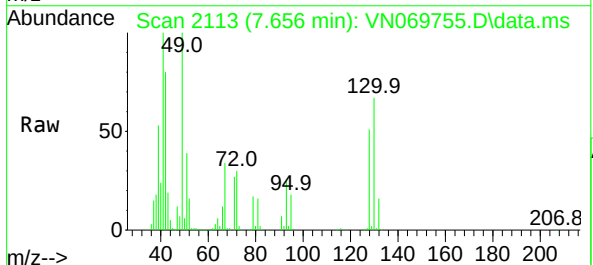
Tgt Ion: 49 Resp: 600894

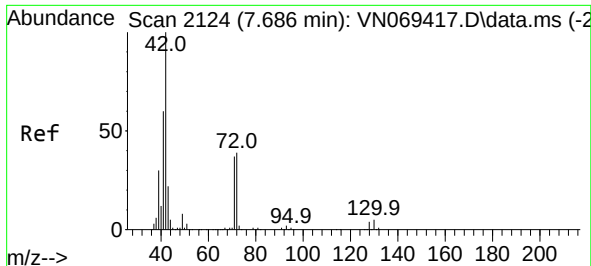
Ion Ratio Lower Upper

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

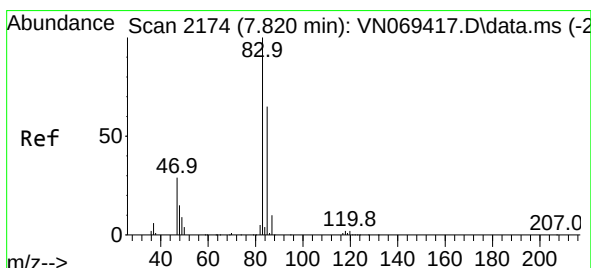
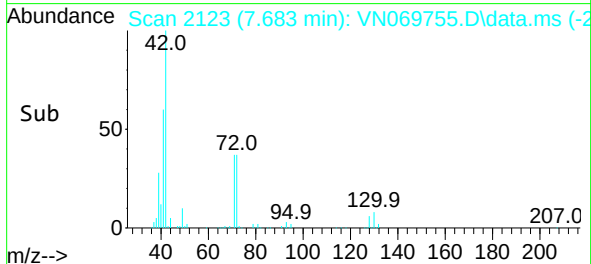
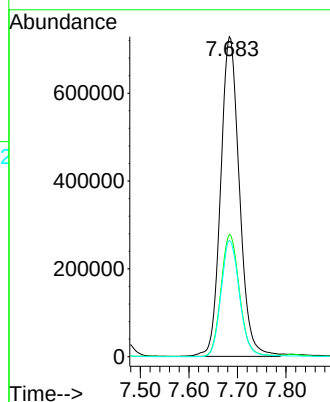
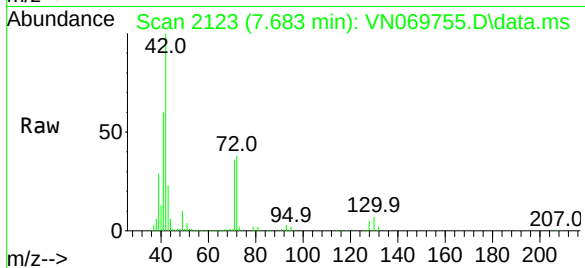
Tgt Ion: 42 Resp: 1952027

Ion Ratio Lower Upper

42 100

72 37.6 36.3 54.5

71 36.0 34.7 52.1



#30

Chloroform

Concen: 54.060 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069755.D

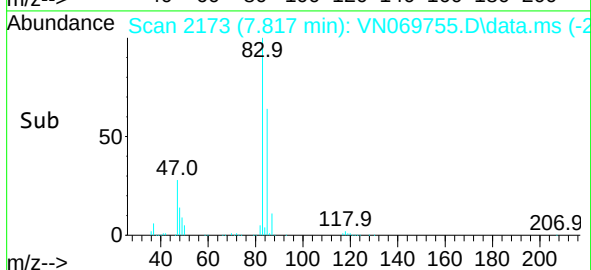
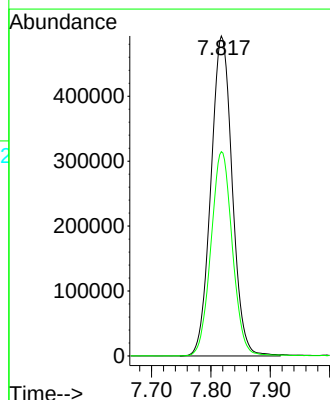
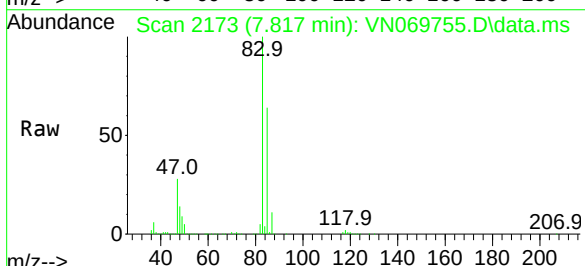
Acq: 4 Dec 2021 7:45

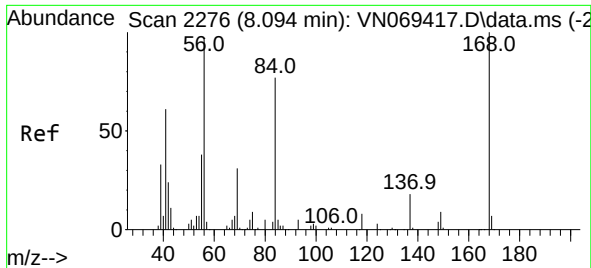
Tgt Ion: 83 Resp: 1228976

Ion Ratio Lower Upper

83 100

85 63.8 51.9 77.9

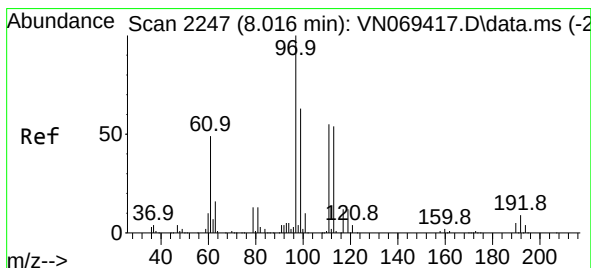
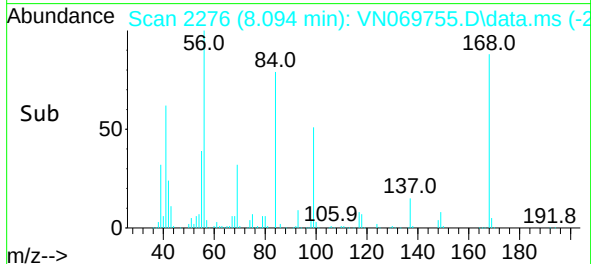
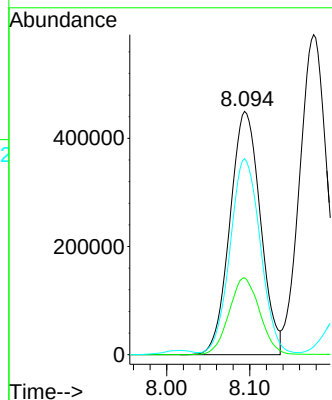
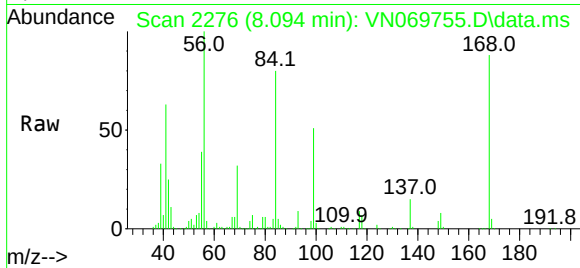




#31
Cyclohexane
Concen: 51.612 ug/l
RT: 8.094 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

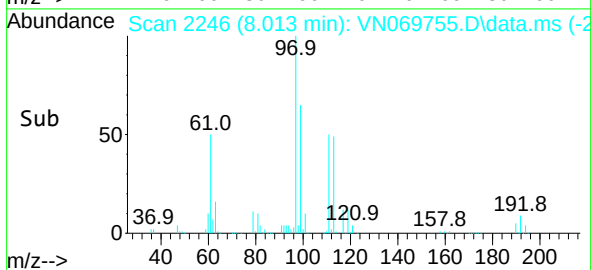
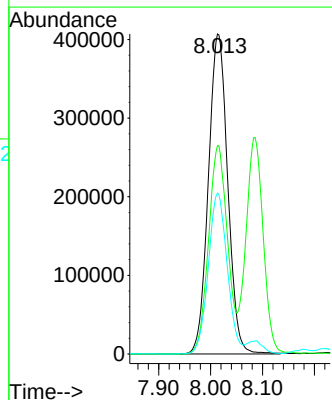
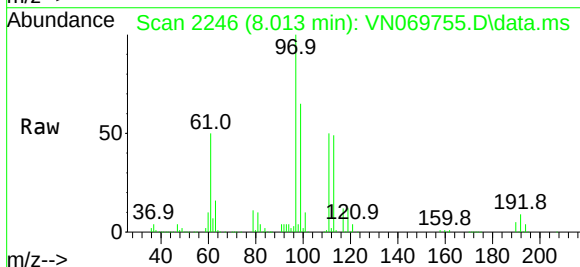
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

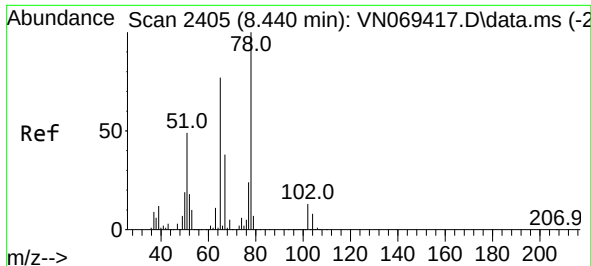
Tgt Ion: 56 Resp: 1148691
Ion Ratio Lower Upper
56 100
69 31.5 27.1 40.7
84 78.7 73.4 110.0



#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

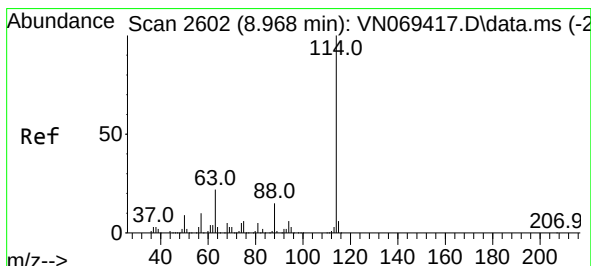
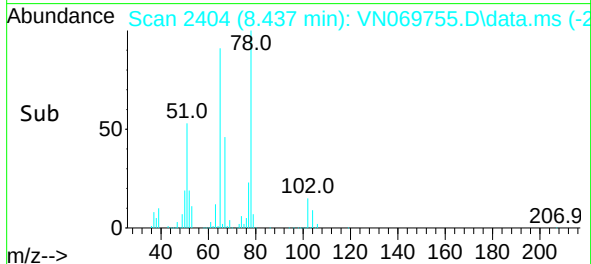
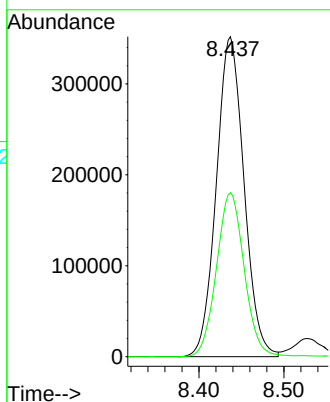
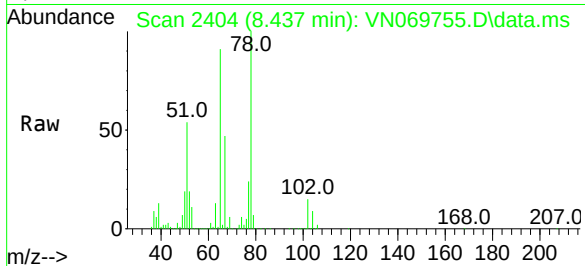




#33
 1,2-Dichloroethane-d4
 Concen: 49.824 ug/l
 RT: 8.437 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45

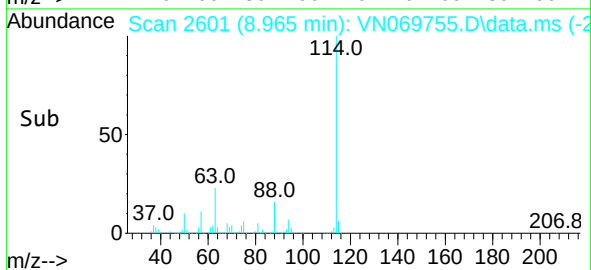
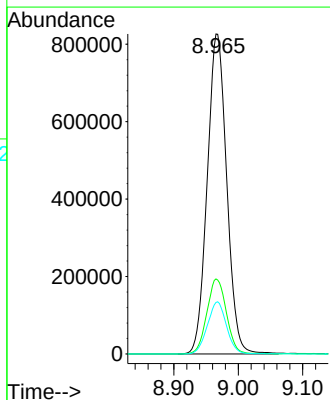
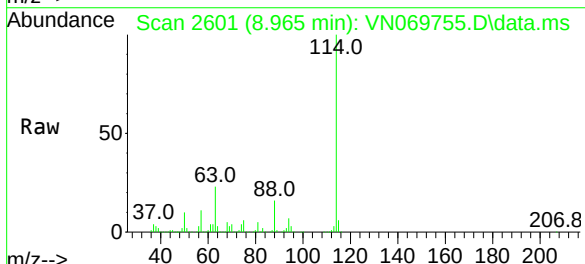
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD

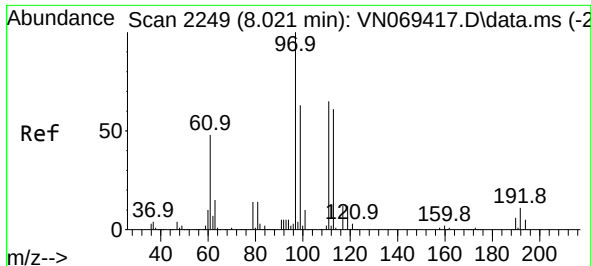
Tgt Ion: 65 Resp: 796819
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#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

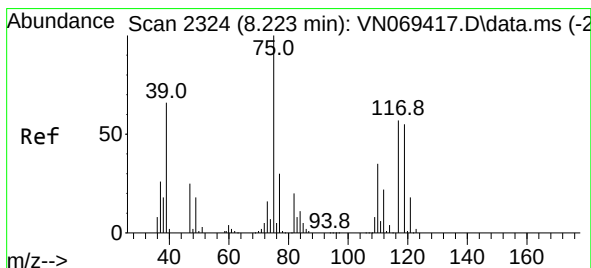
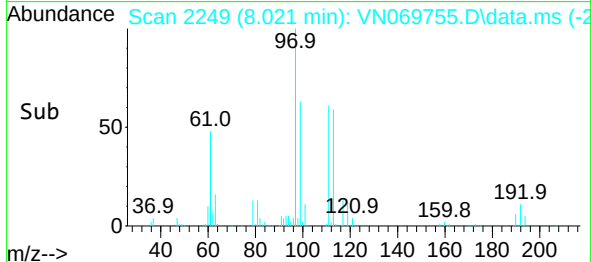
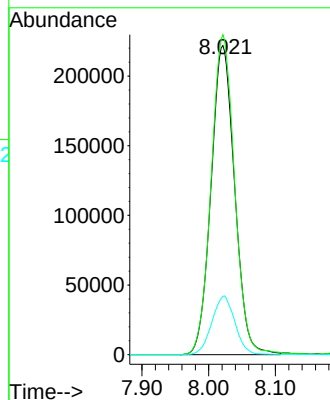
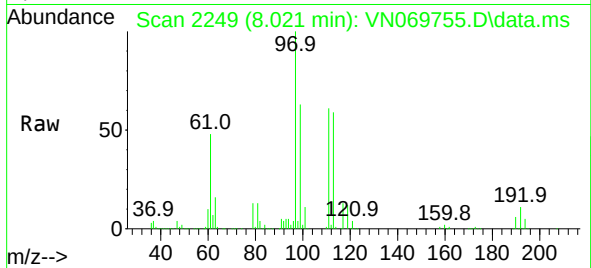




#35
Dibromofluoromethane
Concen: 50.148 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

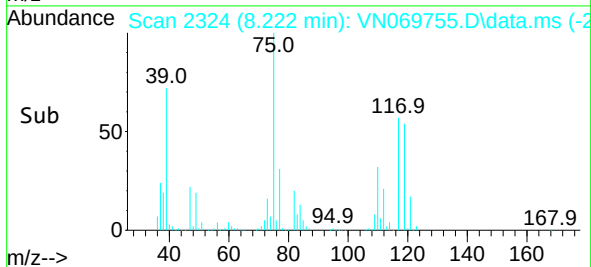
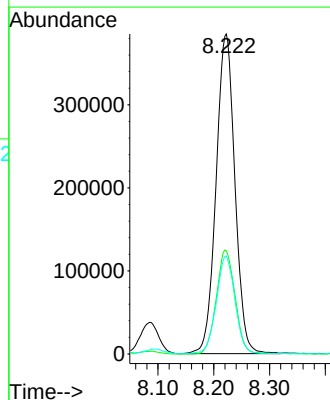
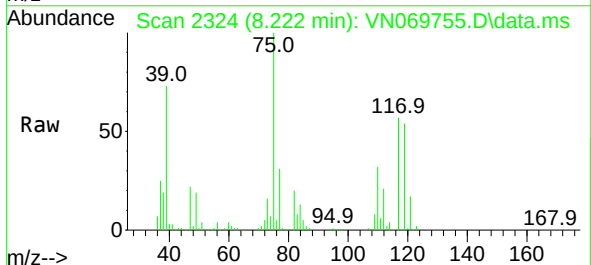
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

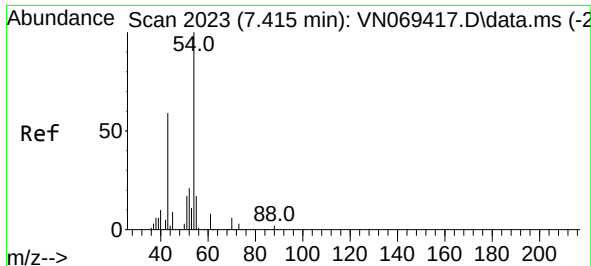
Tgt Ion:113 Resp: 545246
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.6 16.9 25.3



#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# 20

Delta R.T. -0.003 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

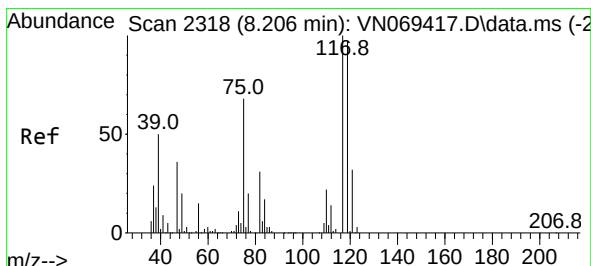
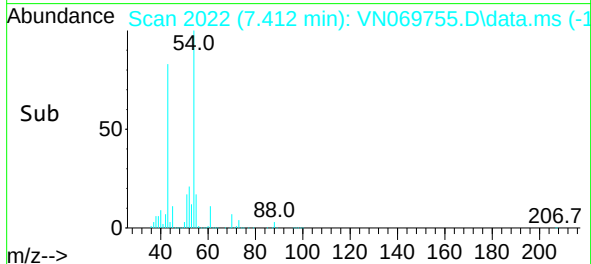
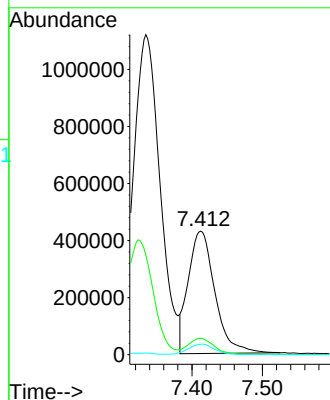
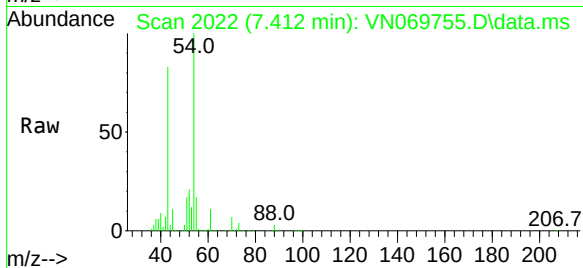
MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD

Tgt Ion: 43 Resp: 1125222

Ion	Ratio	Lower	Upper
43	100		
61	12.3	11.5	17.3
70	8.3	7.9	11.9



#38

Carbon Tetrachloride

Concen: 55.075 ug/l

RT: 8.206 min Scan# 2318

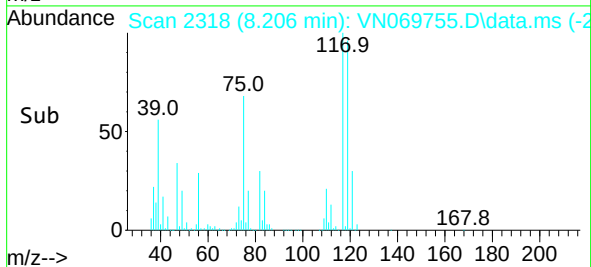
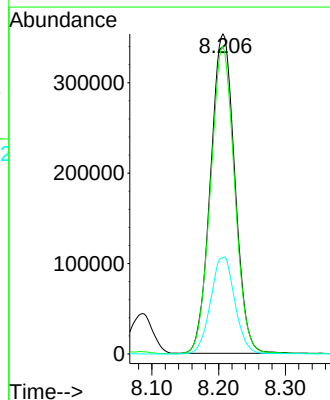
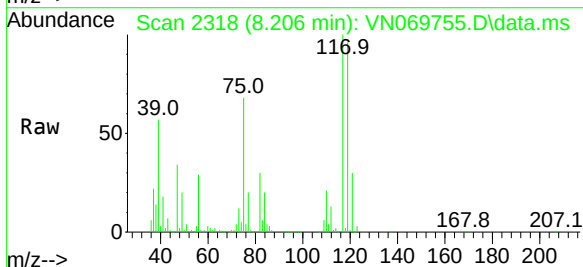
Delta R.T. 0.000 min

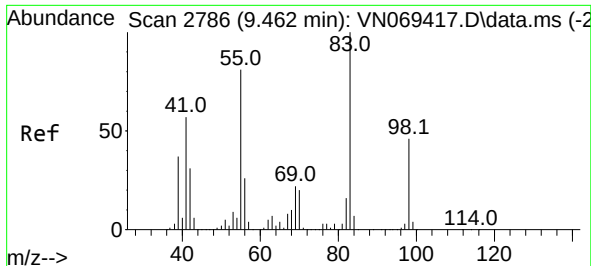
Lab File: VN069755.D

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 :

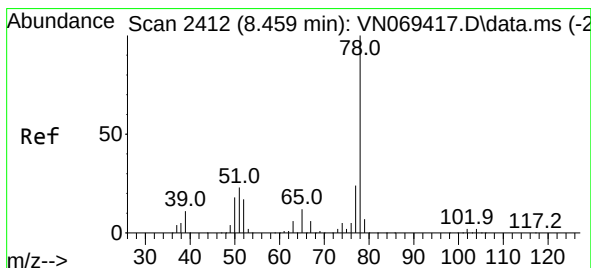
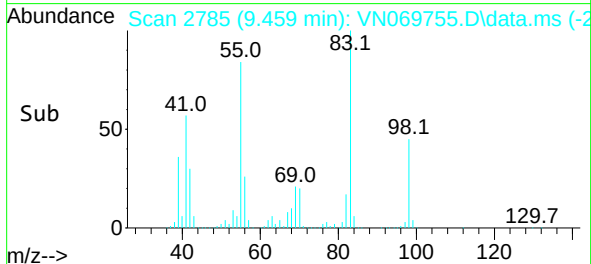
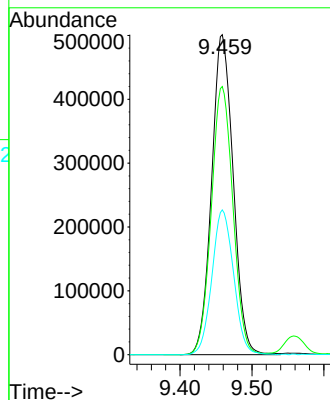
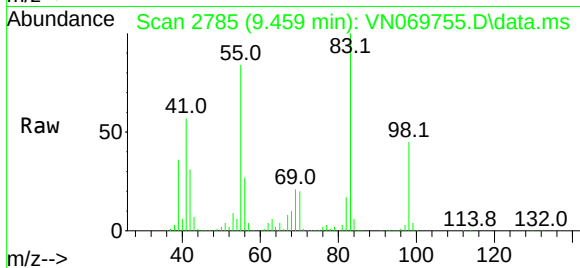
MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD

Tgt Ion: 83 Resp: 1044493

Ion	Ratio	Lower	Upper
83	100		
55	83.8	58.1	87.1
98	45.2	38.4	57.6



#40

Benzene

Concen: 53.513 ug/l

RT: 8.461 min Scan# 2413

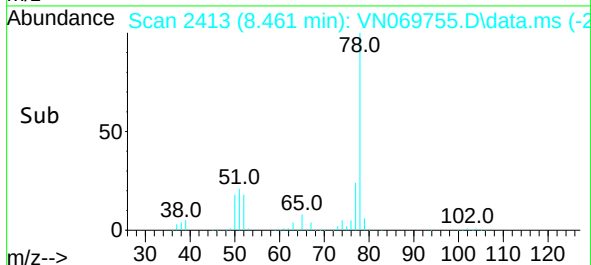
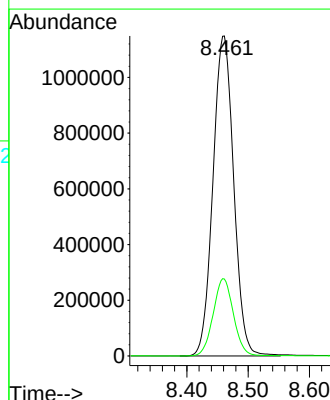
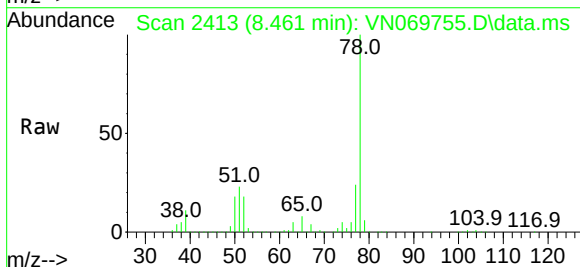
Delta R.T. 0.000 min

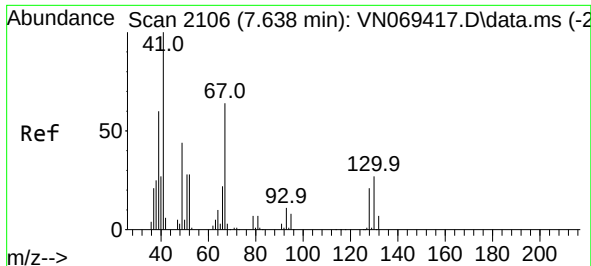
Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Tgt Ion: 78 Resp: 2702848

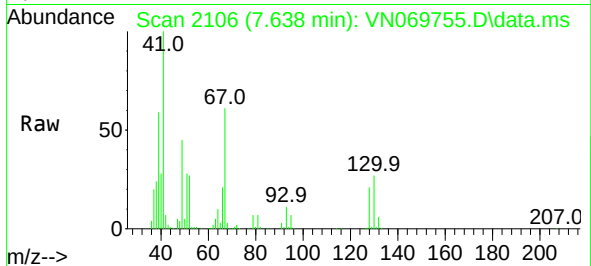
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	27.8



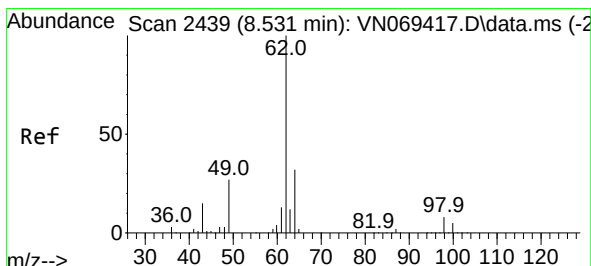
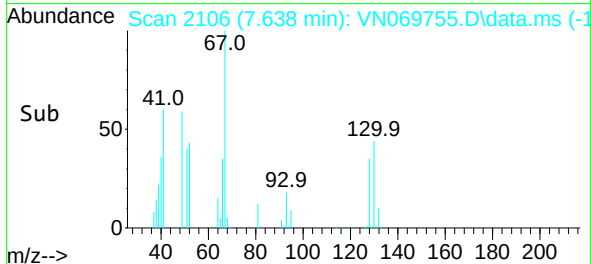
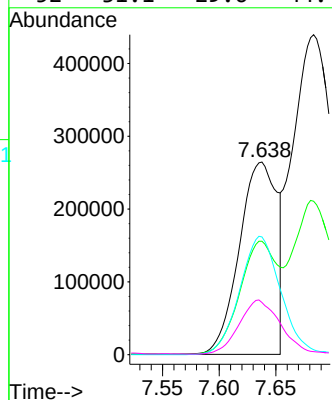


#41
Methacrylonitrile
Concen: 52.981 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

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

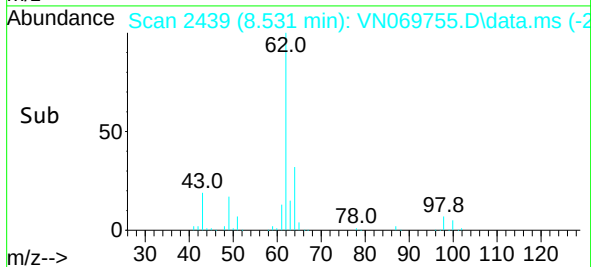
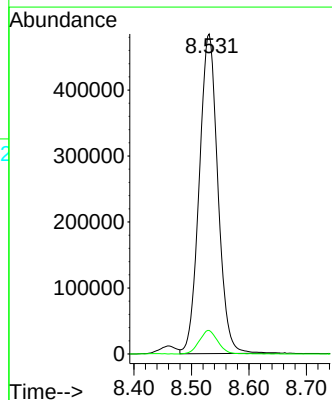
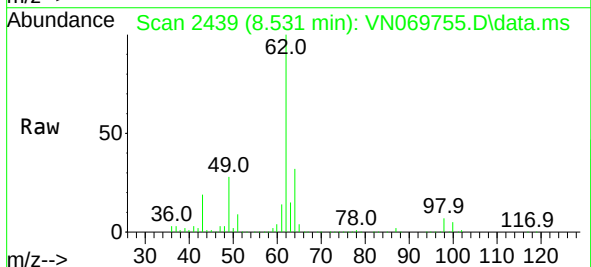


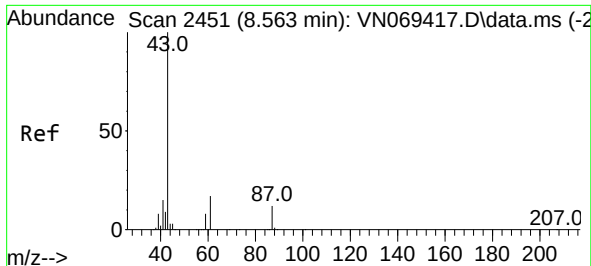
Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.3	48.1	72.1
67	67.2	68.3	102.5
52	31.1	29.6	44.4



#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	Ratio	Lower	Upper
62	100		
98	7.4	0.0	17.6



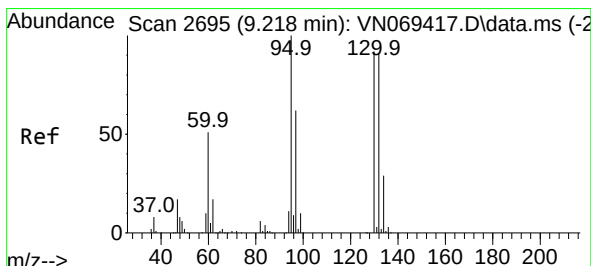
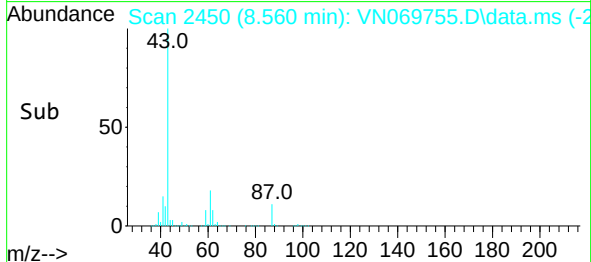
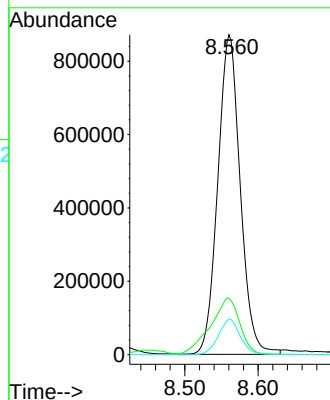
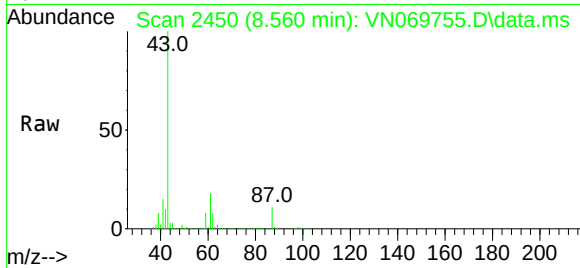


#43
Isopropyl Acetate
Concen: 50.894 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

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

Tgt Ion: 43 Resp: 1852331

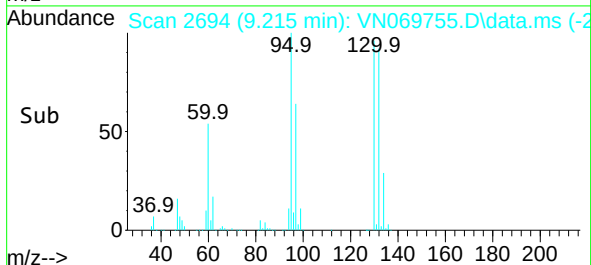
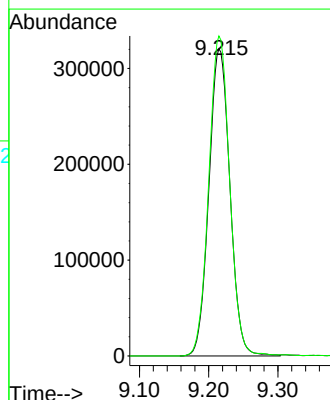
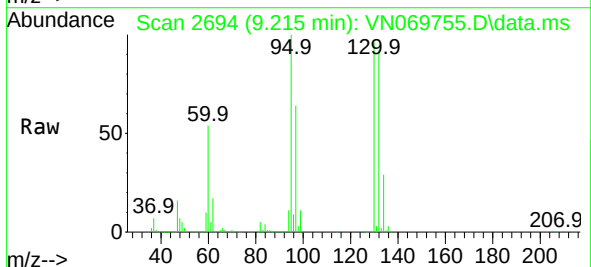
Ion	Ratio	Lower	Upper
43	100		
61	22.9	20.4	30.6
87	10.9	11.2	16.8

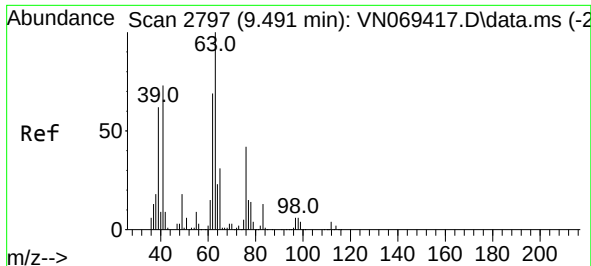


#44
Trichloroethene
Concen: 56.093 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

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 :

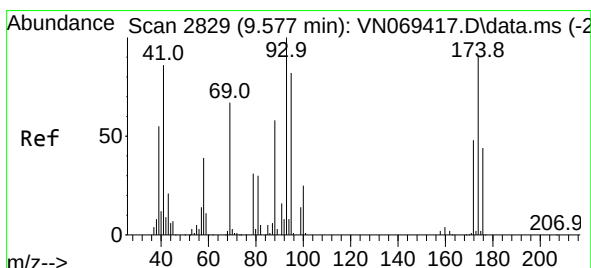
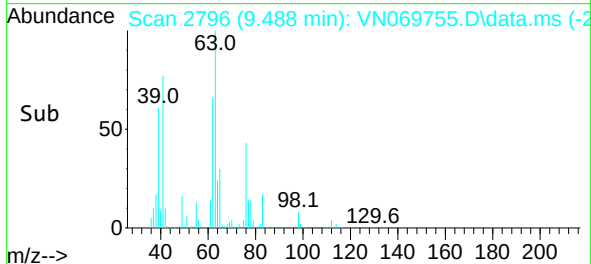
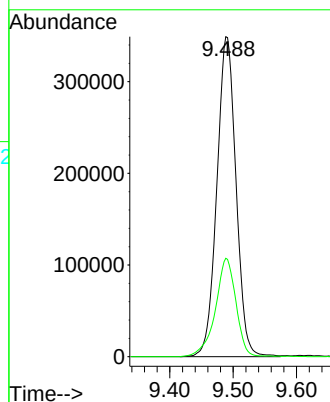
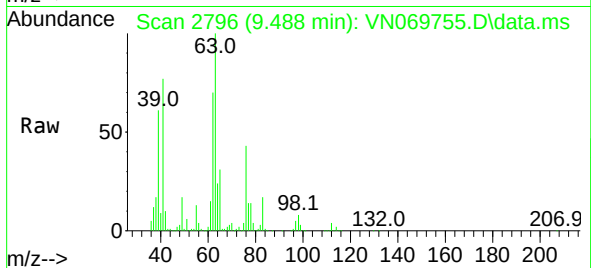
FDR-MW-4-20211202MSD

Tgt Ion: 63 Resp: 733675

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



#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

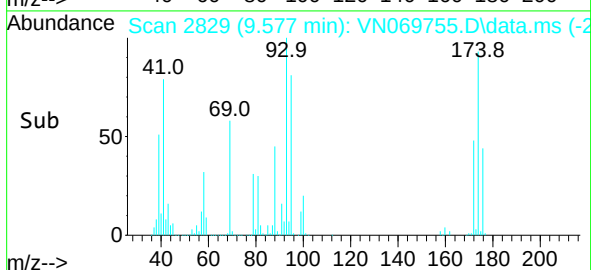
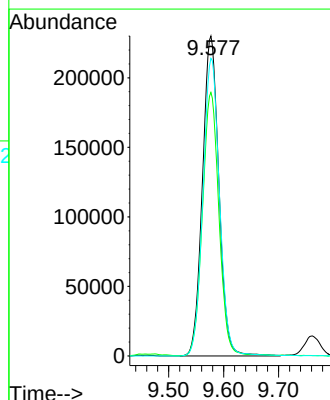
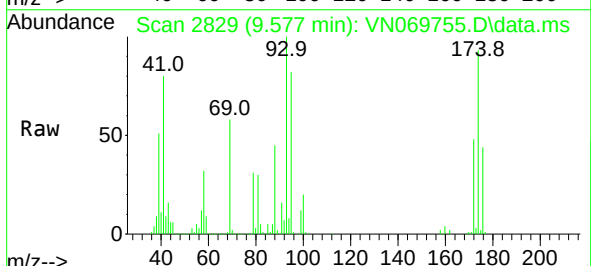
Tgt Ion: 93 Resp: 479394

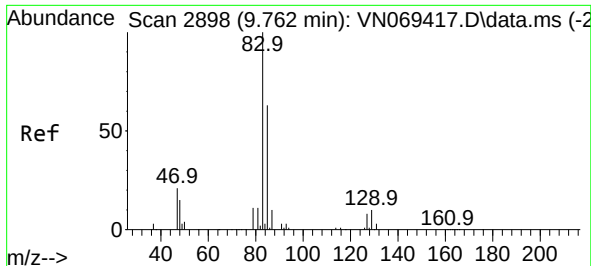
Ion Ratio Lower Upper

93 100

95 81.8 65.9 98.9

174 93.6 84.6 127.0

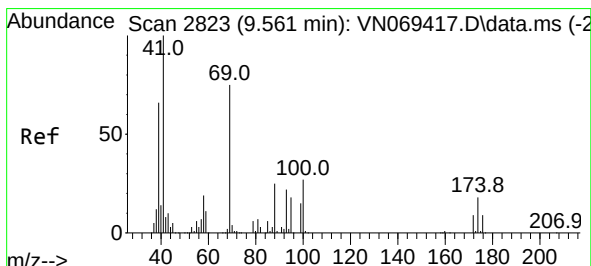
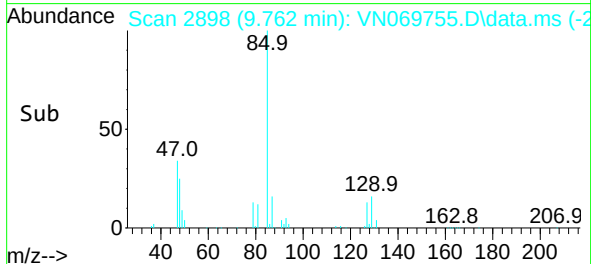
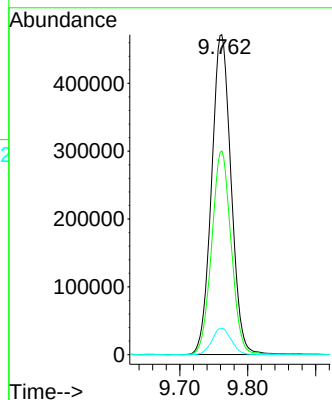
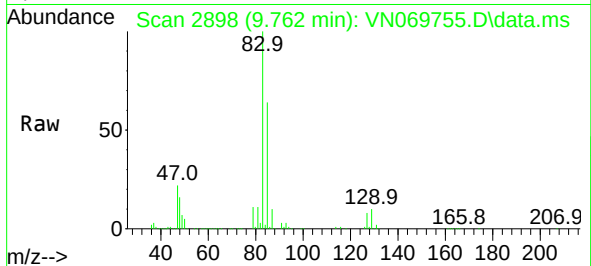




#47
Bromodichloromethane
Concen: 55.896 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

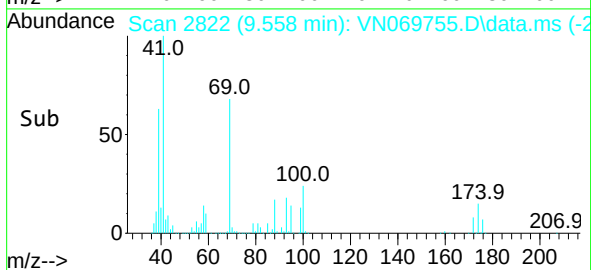
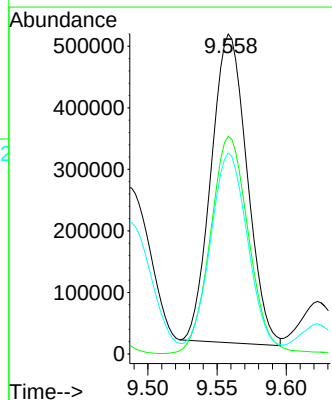
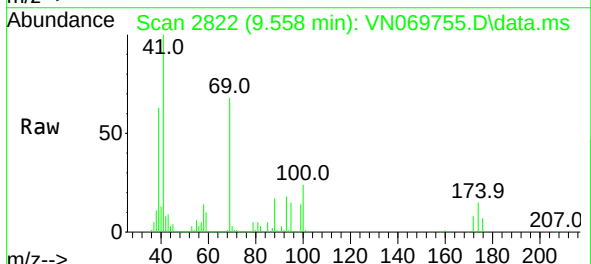
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

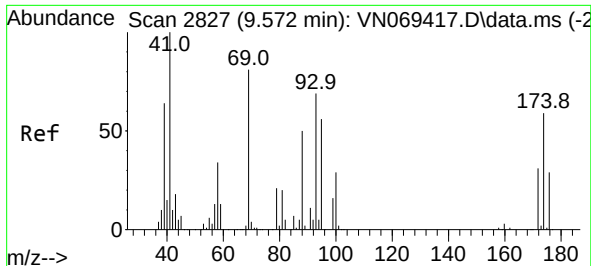
Tgt Ion: 83 Resp: 941392
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.2 7.1 10.7



#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# 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

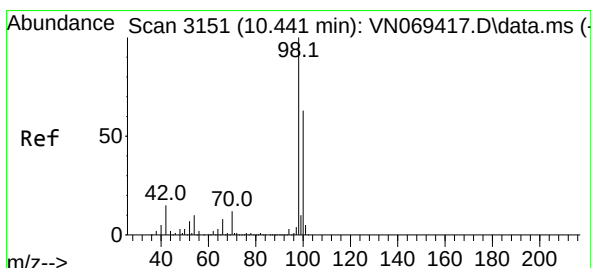
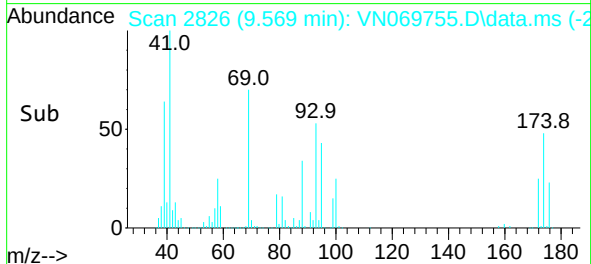
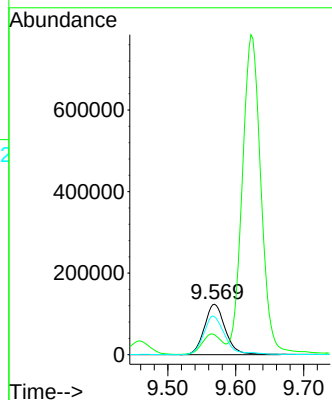
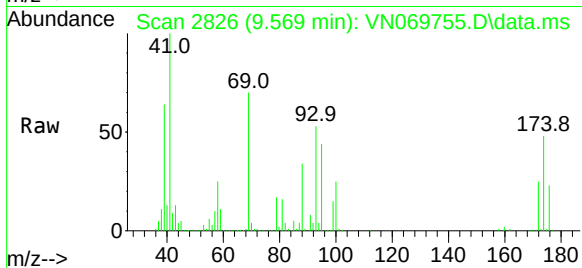
Tgt Ion: 88 Resp: 264960

Ion Ratio Lower Upper

88 100

43 36.8 23.4 35.2#

58 78.6 50.6 75.8#



#50

Toluene-d8

Concen: 49.336 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069755.D

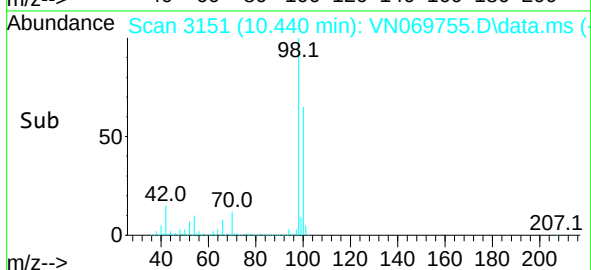
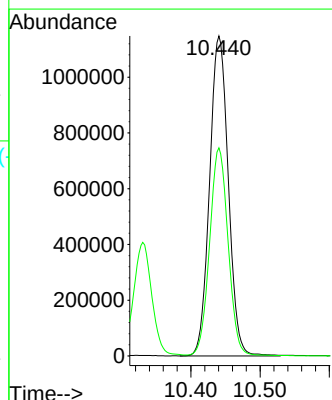
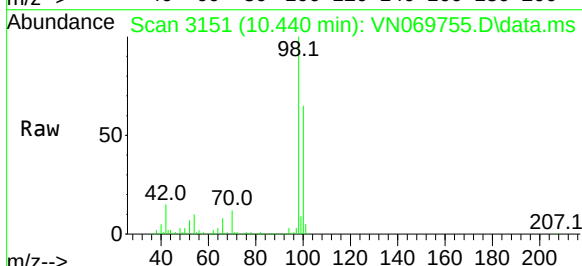
Acq: 4 Dec 2021 7:45

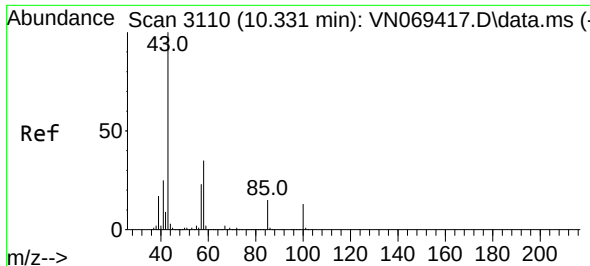
Tgt Ion: 98 Resp: 2153891

Ion Ratio Lower Upper

98 100

100 64.2 50.4 75.6

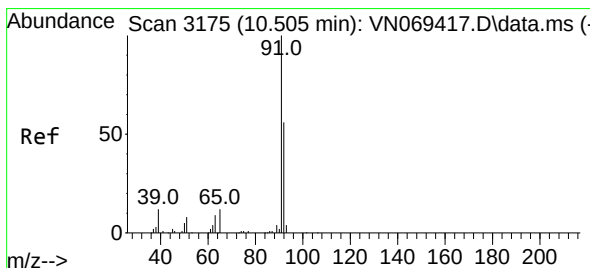
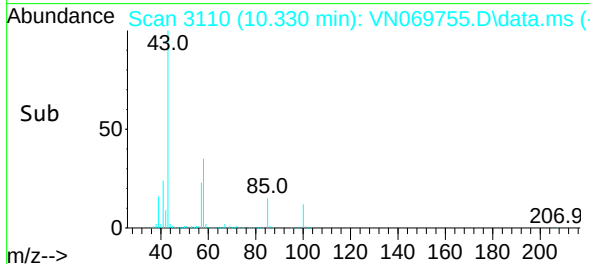
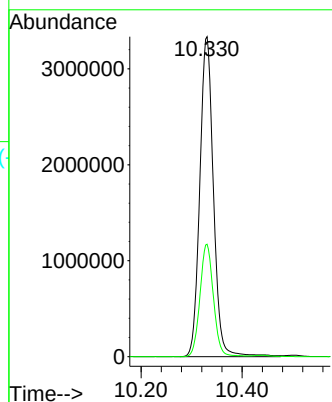
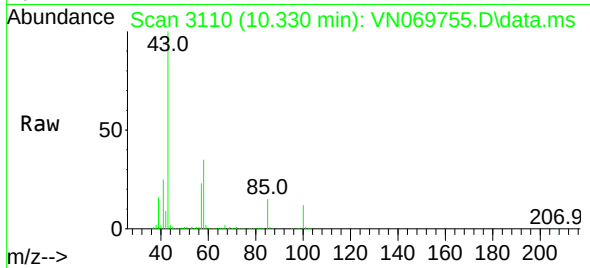




#51
4-Methyl-2-Pentanone
Concen: 264.868 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

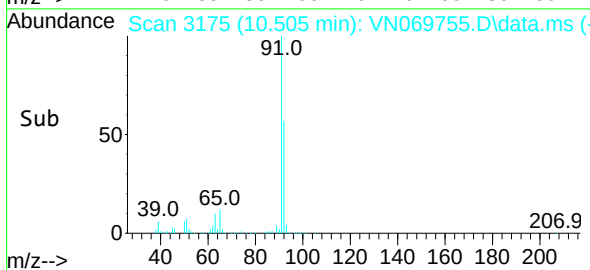
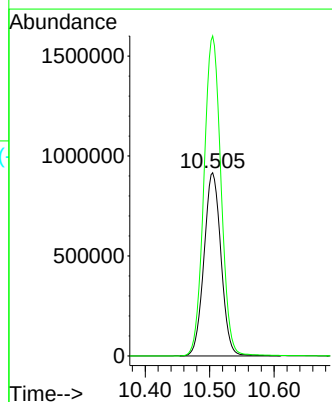
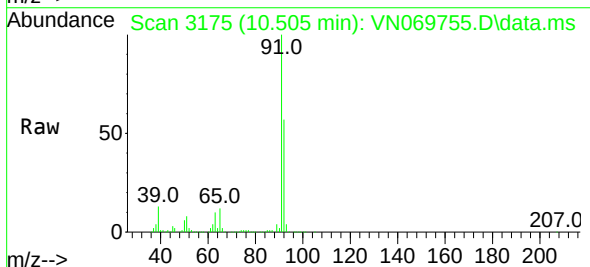
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

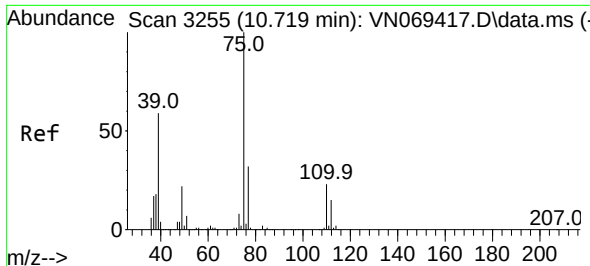
Tgt Ion: 43 Resp: 6253763
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6



#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

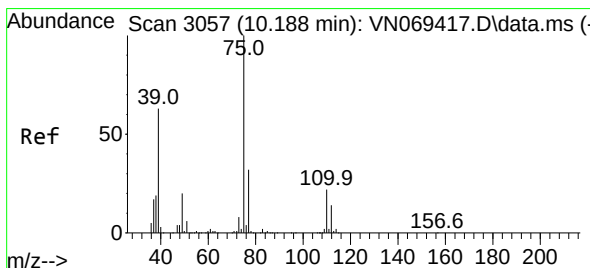
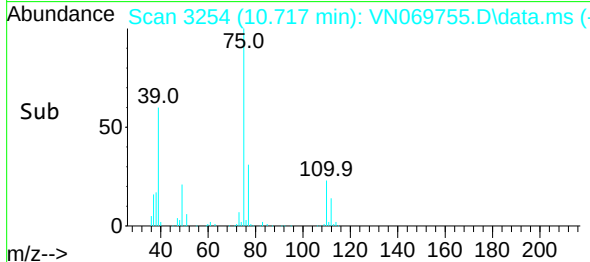
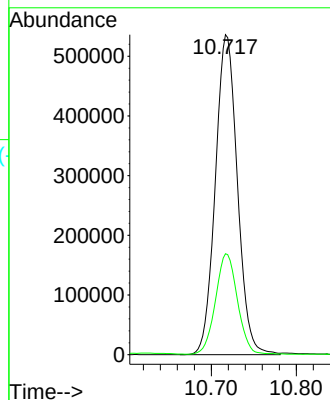
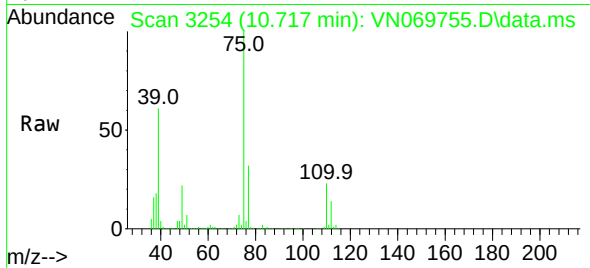




#53
t-1,3-Dichloropropene
Concen: 47.892 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

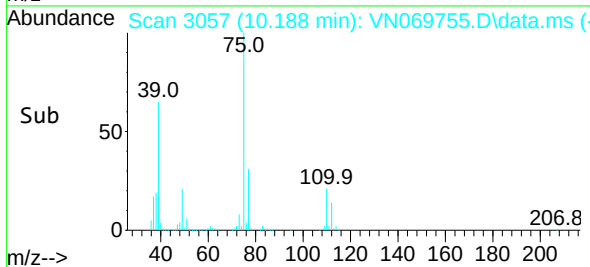
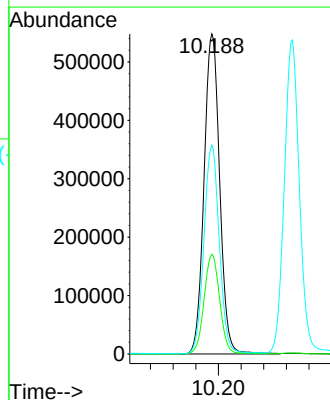
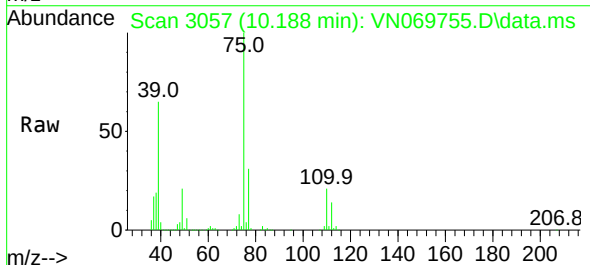
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

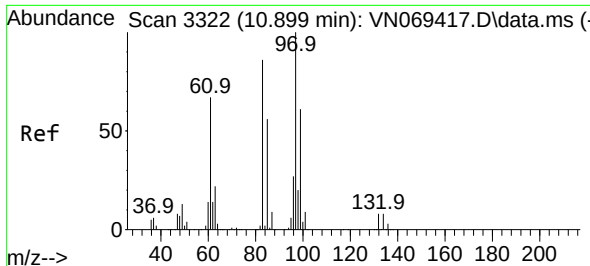
Tgt Ion: 75 Resp: 967754
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4



#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#

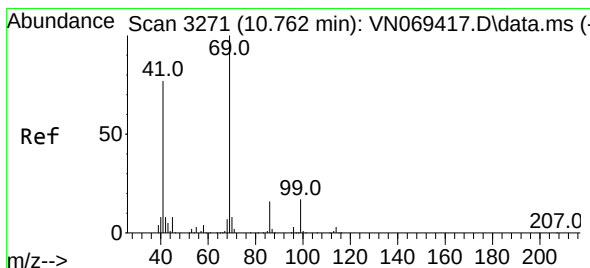
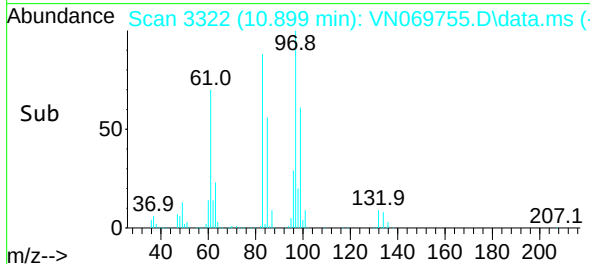
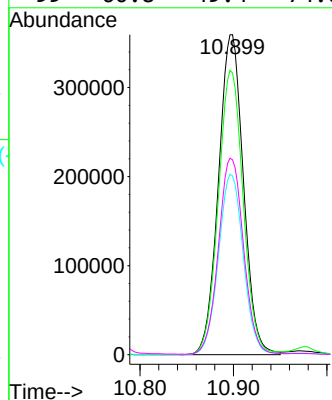
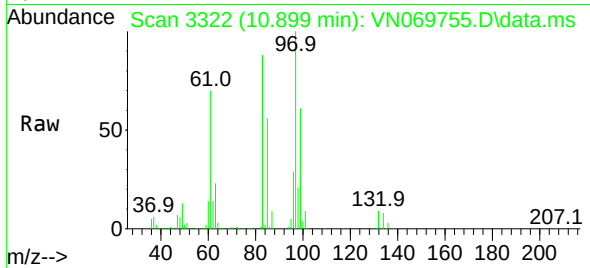




#55
1,1,2-Trichloroethane
Concen: 53.689 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

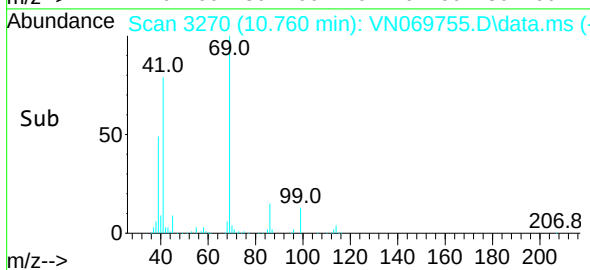
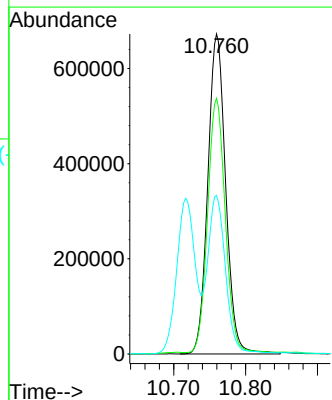
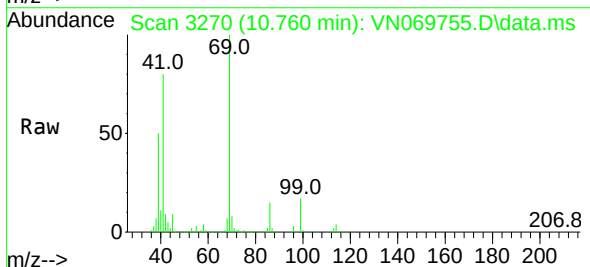
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

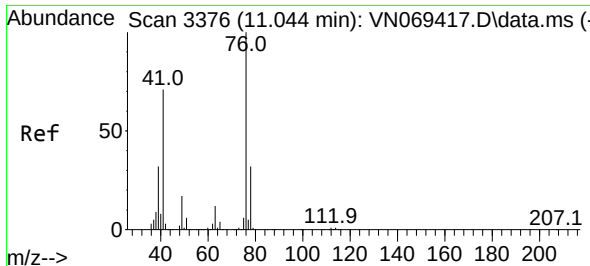
Tgt Ion:	97	Resp:	667987
Ion	Ratio	Lower	Upper
97	100		
83	88.0	67.8	101.6
85	55.8	45.4	68.2
99	60.8	49.4	74.0



#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

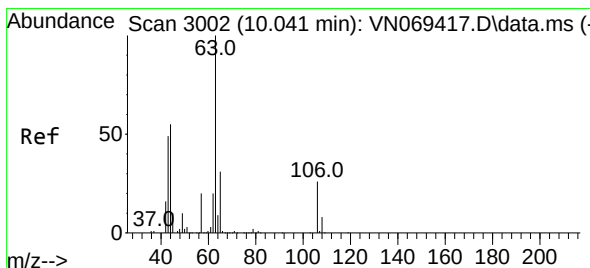
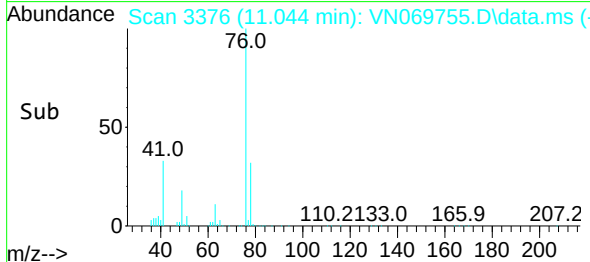
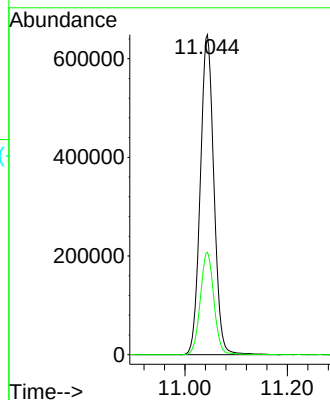
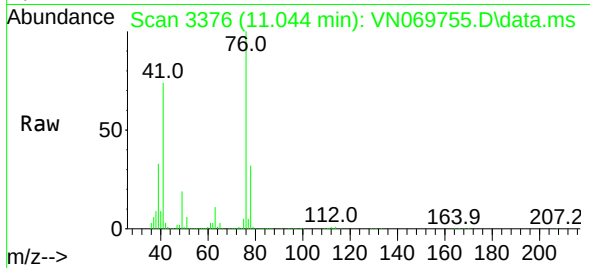




#57
1,3-Dichloropropane
Concen: 54.532 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

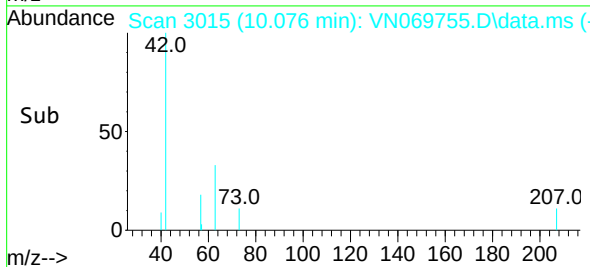
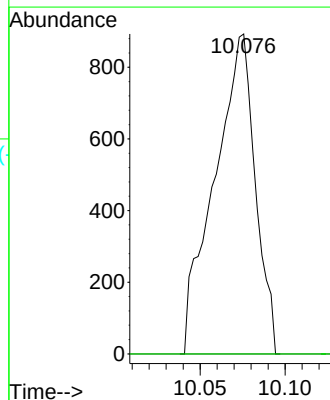
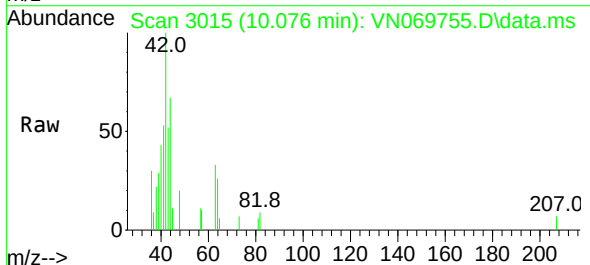
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

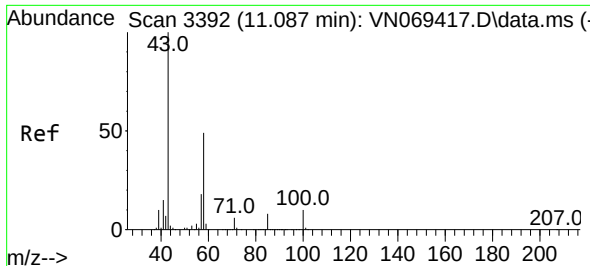
Tgt Ion: 76 Resp: 1194667
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5



#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#

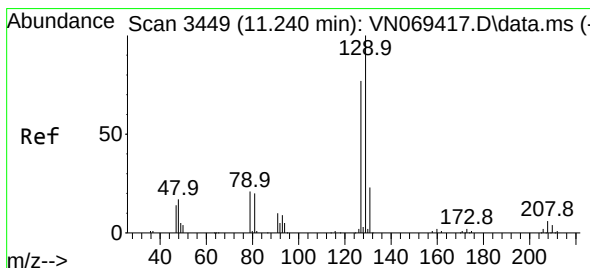
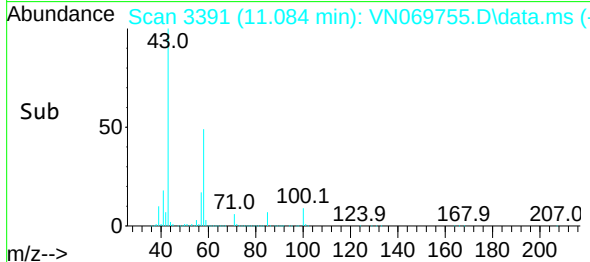
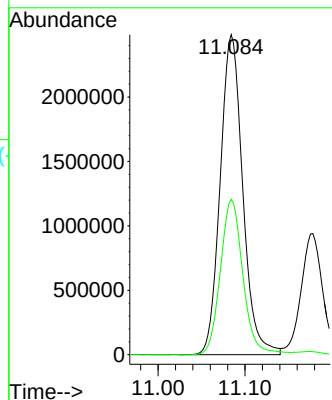
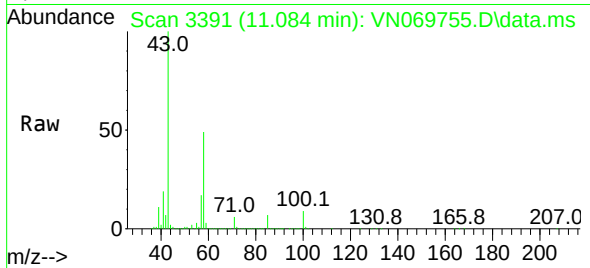




#59
2-Hexanone
Concen: 250.371 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

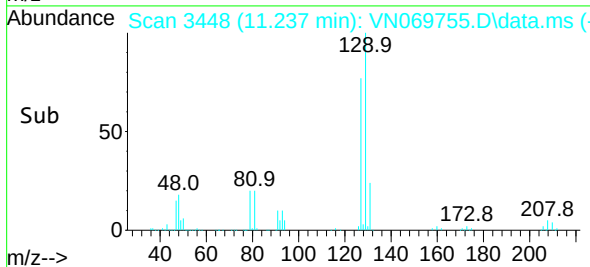
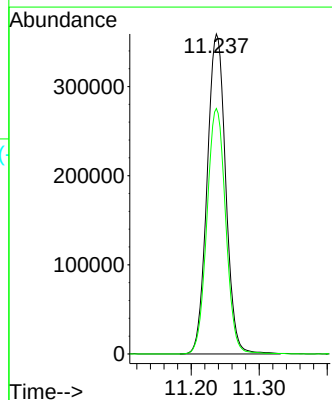
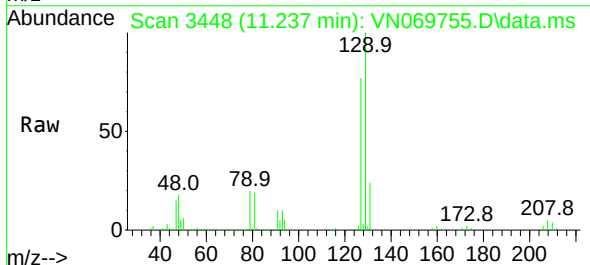
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

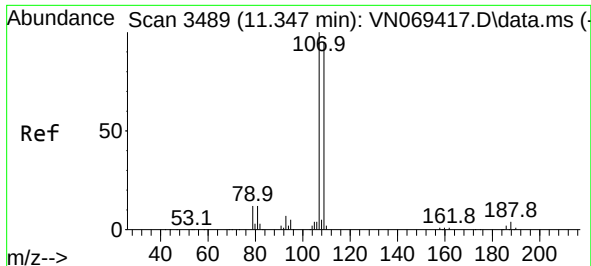
Tgt Ion: 43 Resp: 4471851
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7



#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

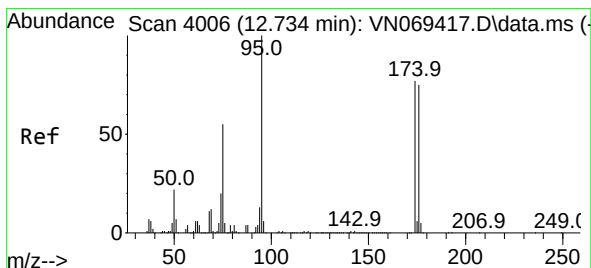
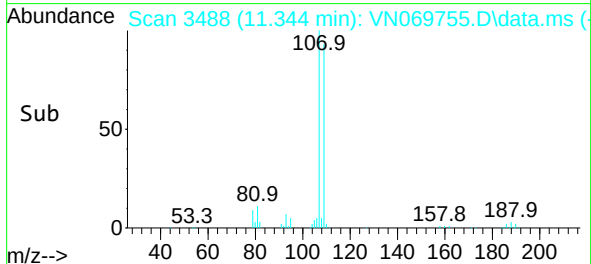
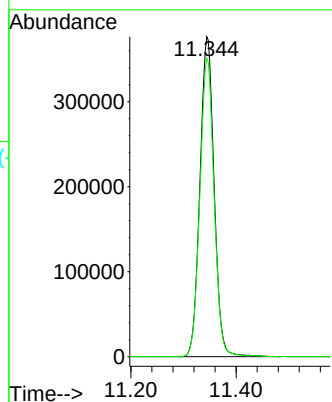
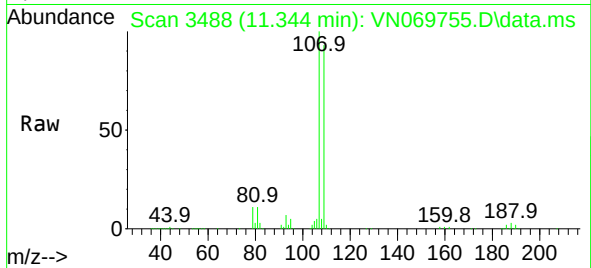




#61
1,2-Dibromoethane
Concen: 54.553 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

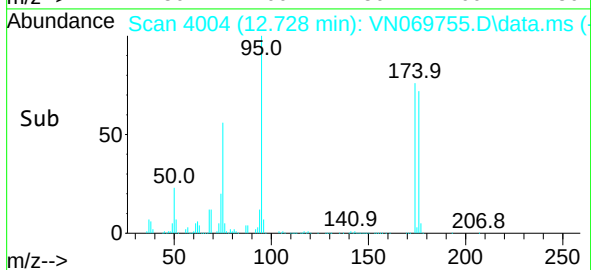
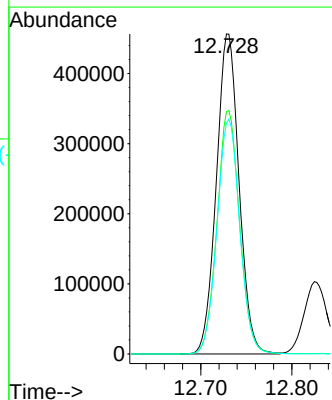
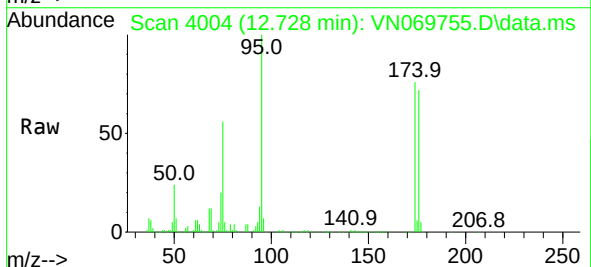
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

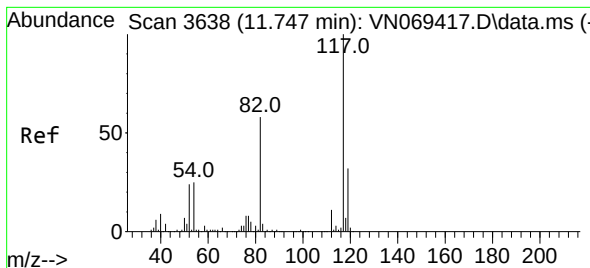
Tgt Ion:107 Resp: 703010
Ion Ratio Lower Upper
107 100
109 93.2 75.7 113.5



#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

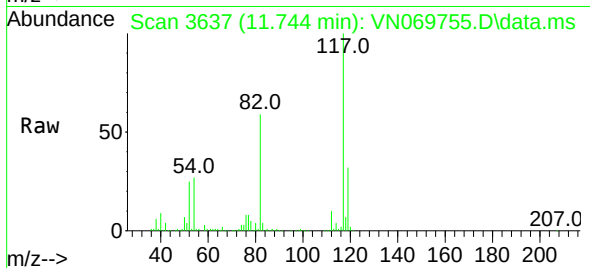
Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD



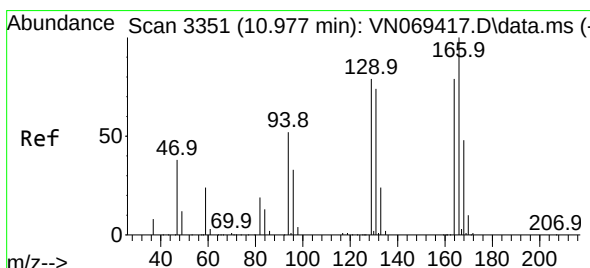
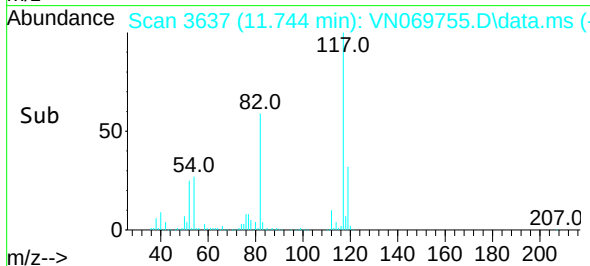
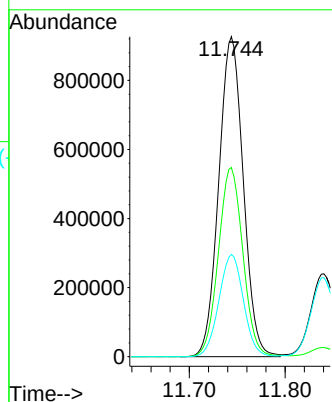
Tgt Ion:117 Resp: 1644967

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

119 32.0 25.4 38.2



#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

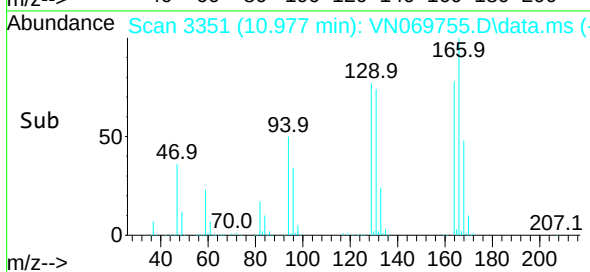
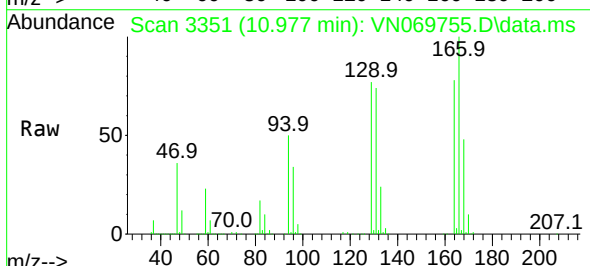
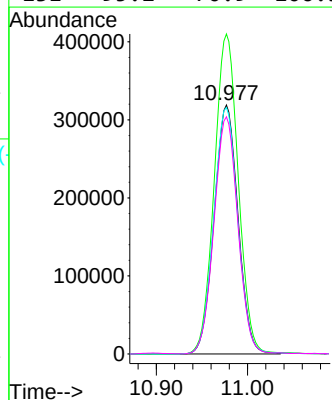
Ion Ratio Lower Upper

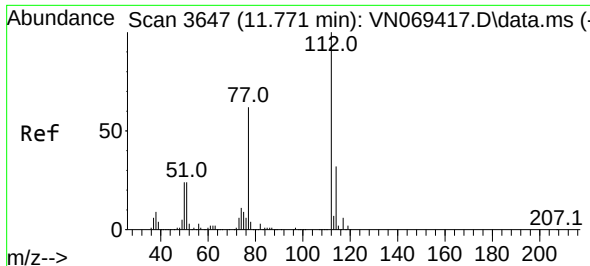
164 100

166 128.6 101.9 152.9

129 99.0 72.0 108.0

131 95.2 70.9 106.3

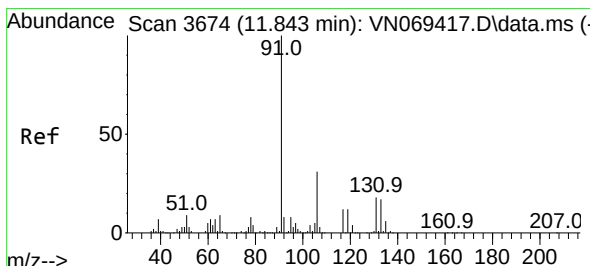
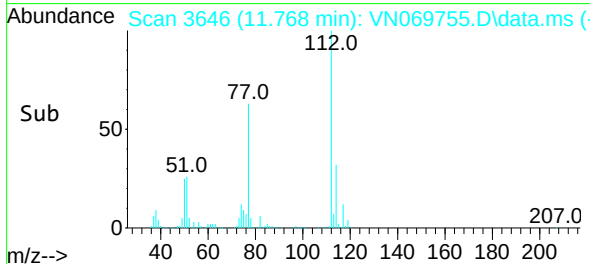
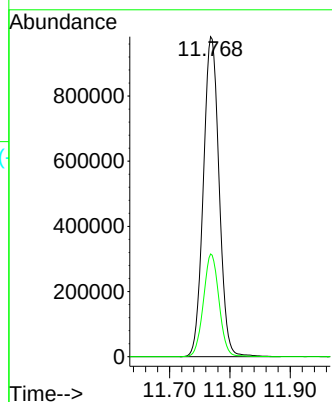
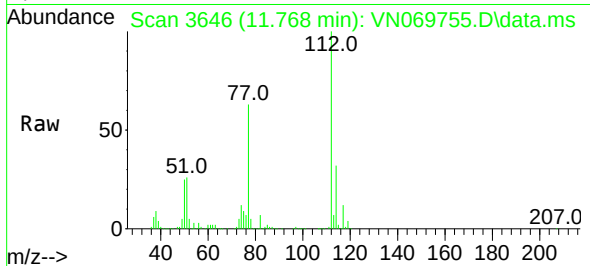




#65
Chlorobenzene
Concen: 53.417 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

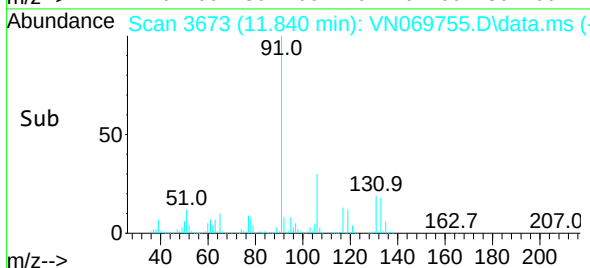
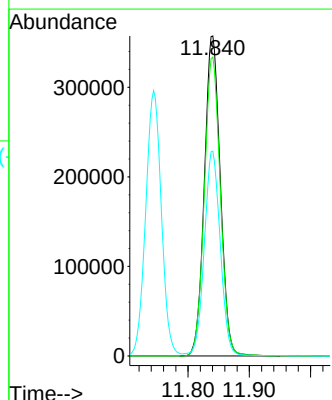
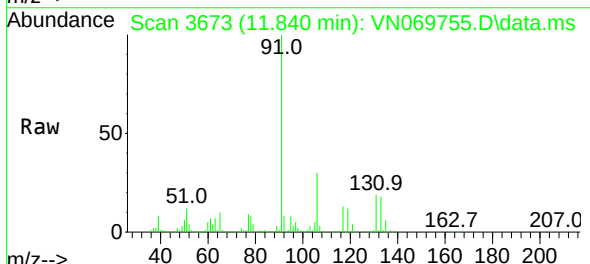
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

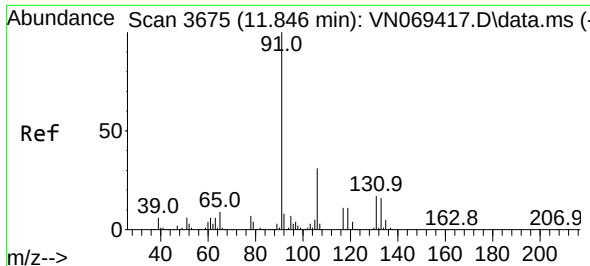
Tgt Ion:112 Resp: 1782604
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#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

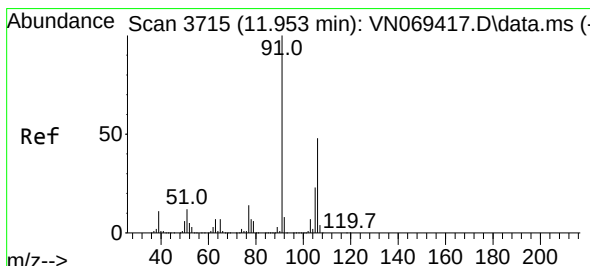
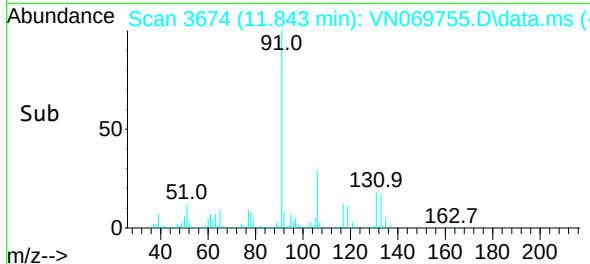
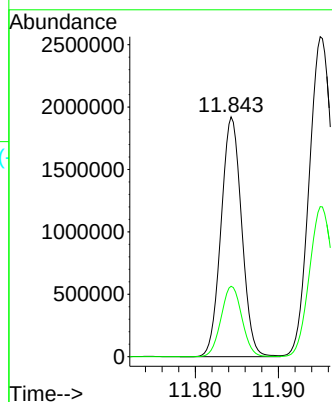
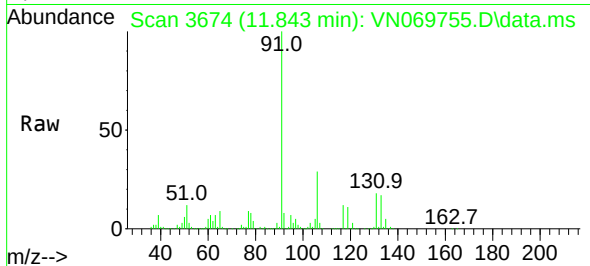




#67
Ethyl Benzene
Concen: 54.670 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

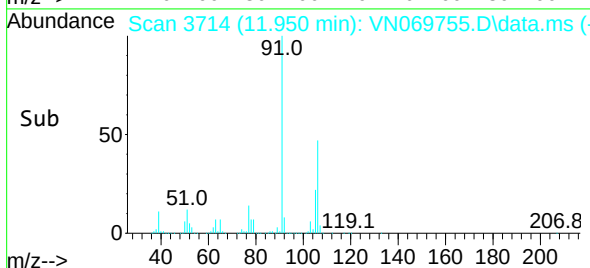
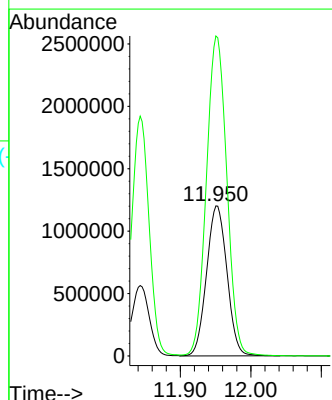
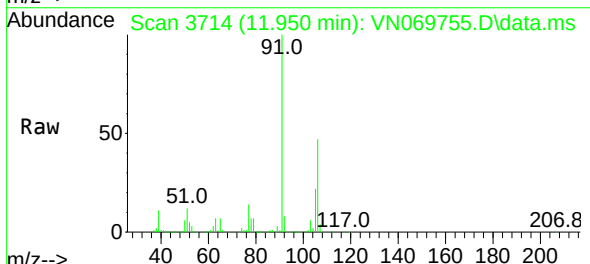
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

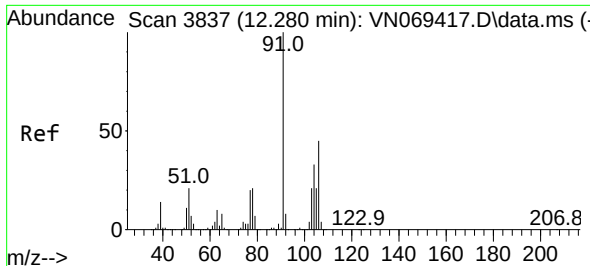
Tgt Ion: 91 Resp: 3314025
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5



#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

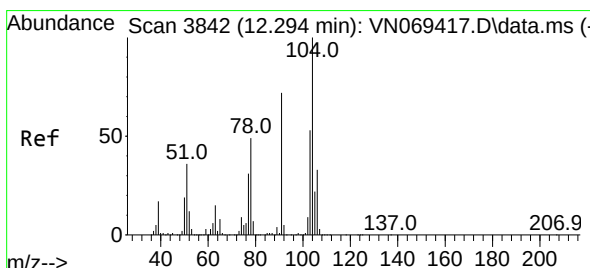
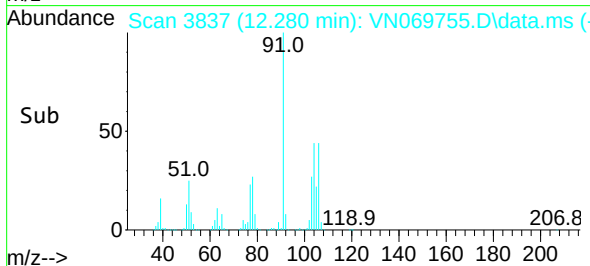
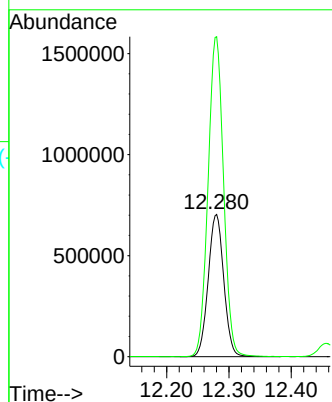
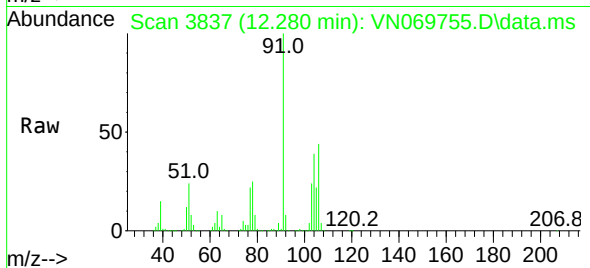




#69
o-Xylene
Concen: 54.870 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

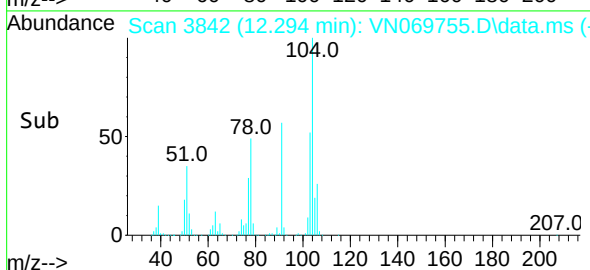
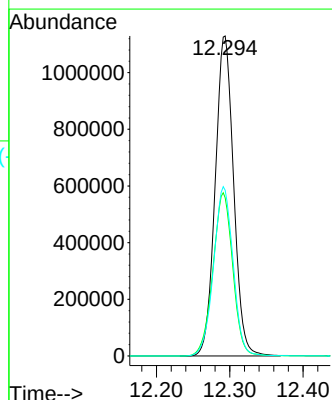
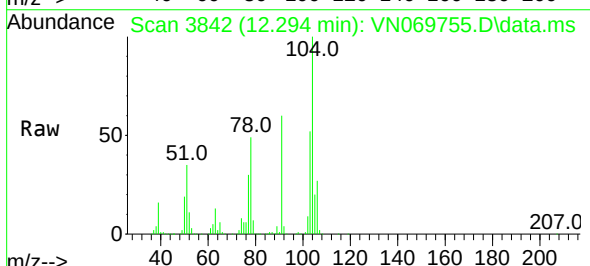
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

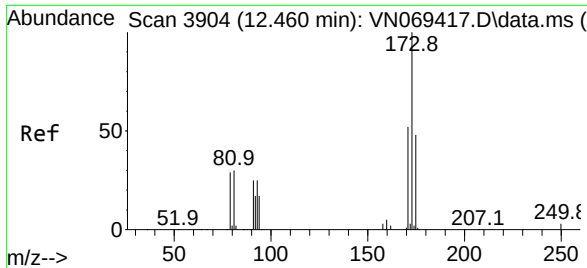
Tgt Ion:106 Resp: 1219876
Ion Ratio Lower Upper
106 100
91 224.2 105.8 317.3



#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

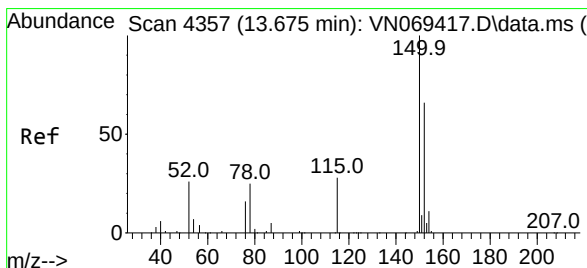
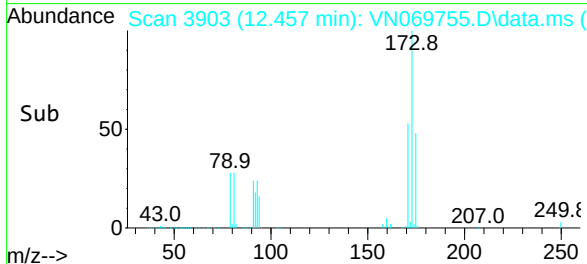
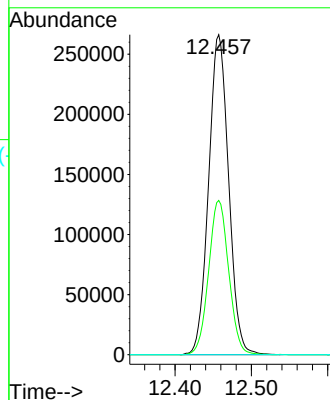
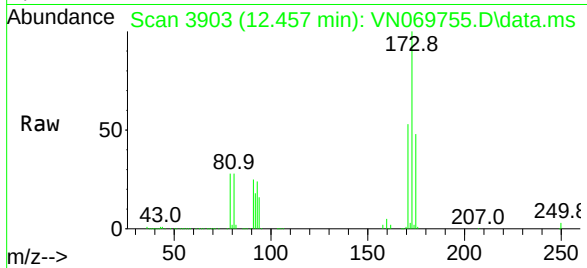




#71
Bromoform
Concen: 48.360 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

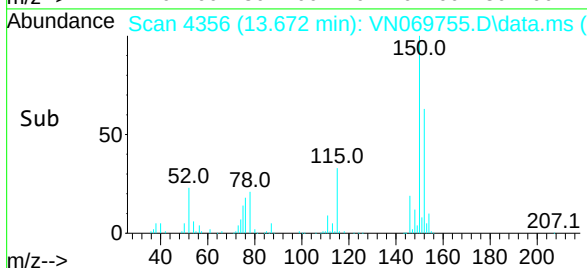
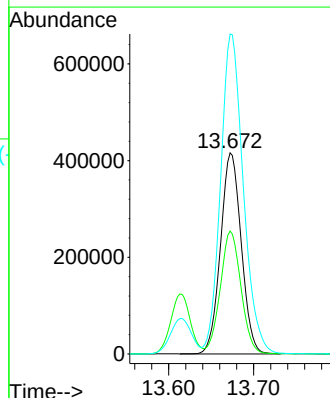
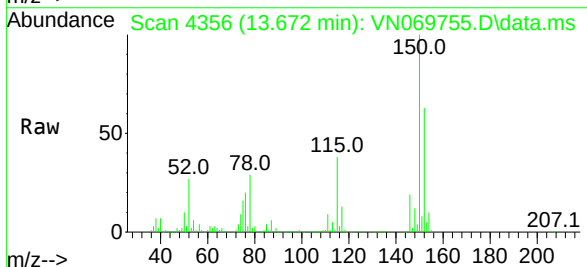
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

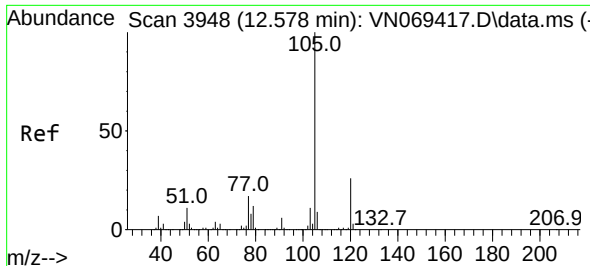
Tgt Ion:173 Resp: 484874
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0



#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

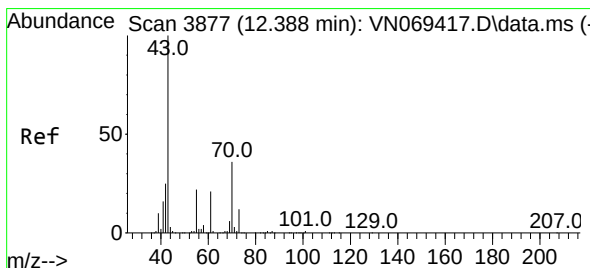
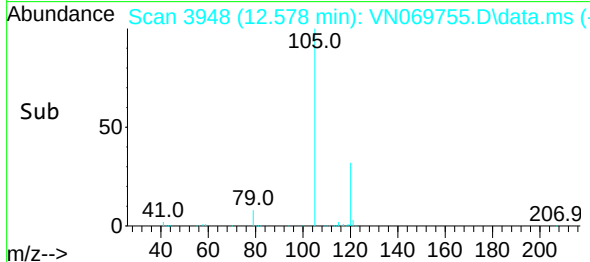
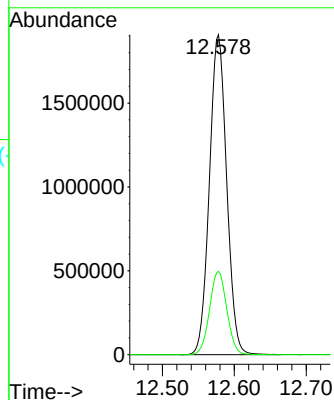
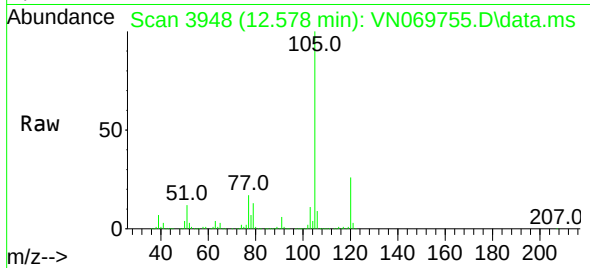




#73
Isopropylbenzene
Concen: 50.779 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

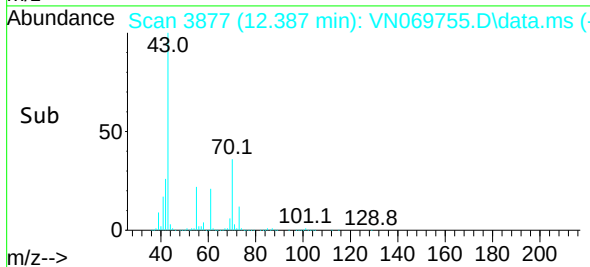
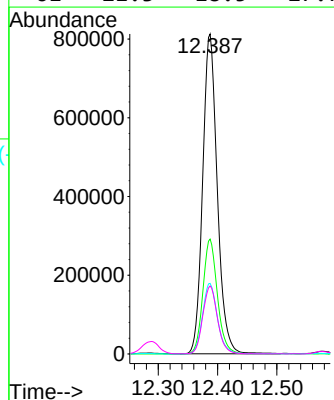
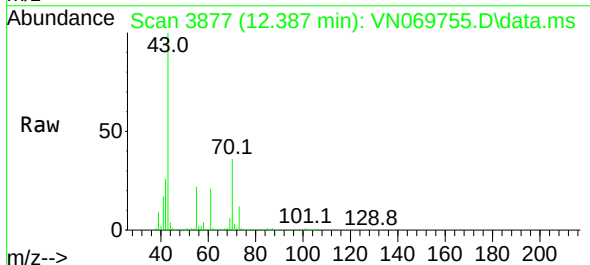
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

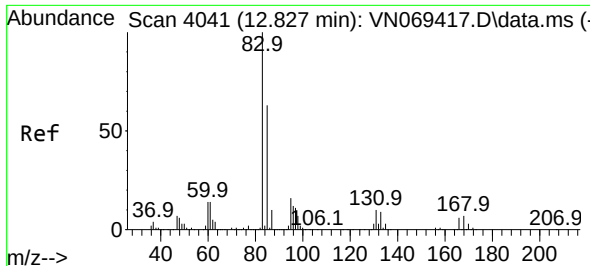
Tgt Ion:105 Resp: 3182812
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1



#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

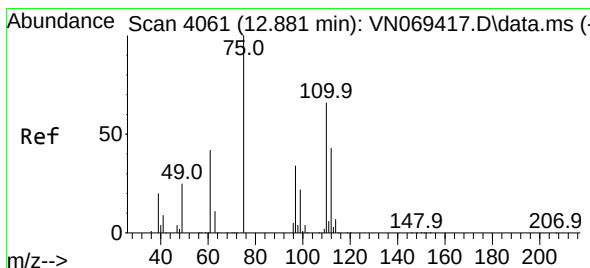
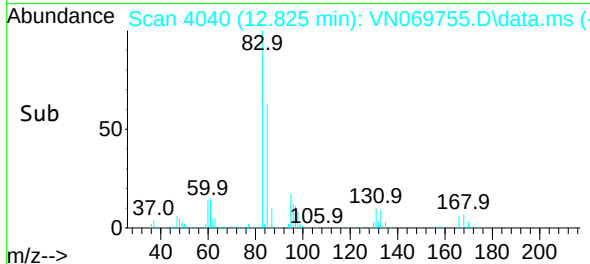
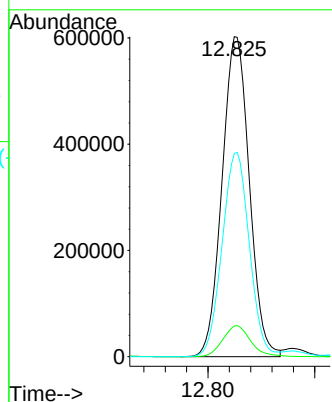
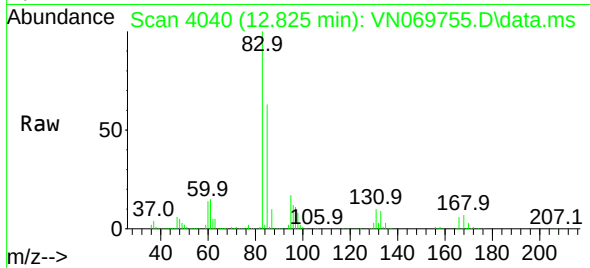




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.297 ug/l
 RT: 12.825 min Scan# 4041
 Delta R.T. -0.003 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45

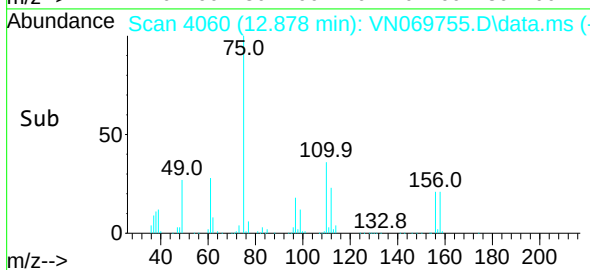
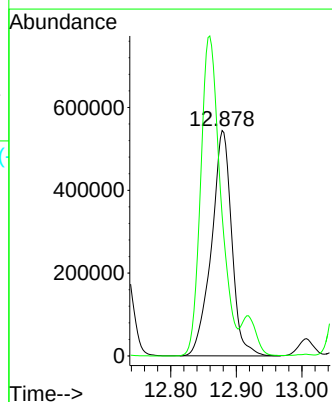
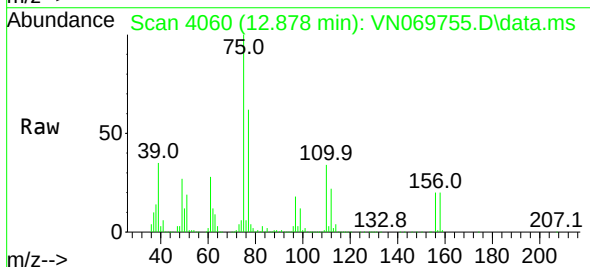
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD

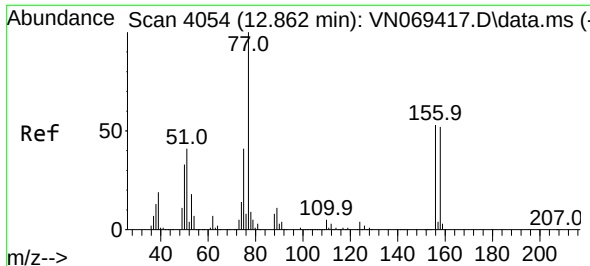
Tgt Ion: 83 Resp: 1068510
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.5 16.5
 85 63.6 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 57.708 ug/l
 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: 1165888
 Ion Ratio Lower Upper
 75 100
 77 139.6 82.6 247.8

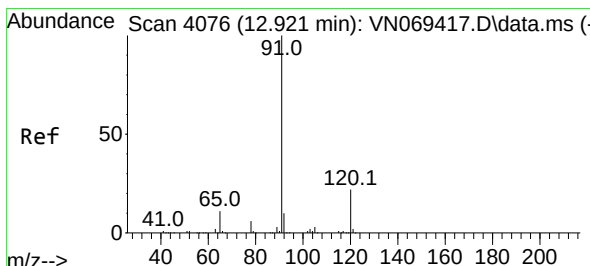
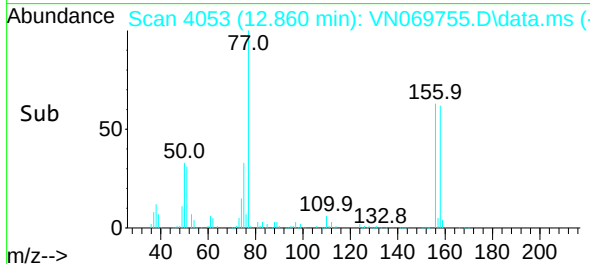
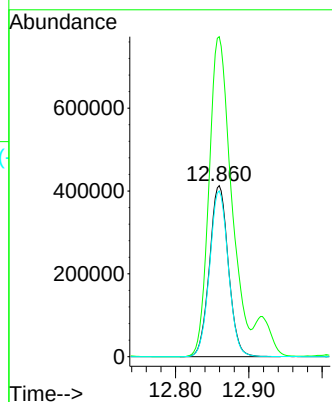
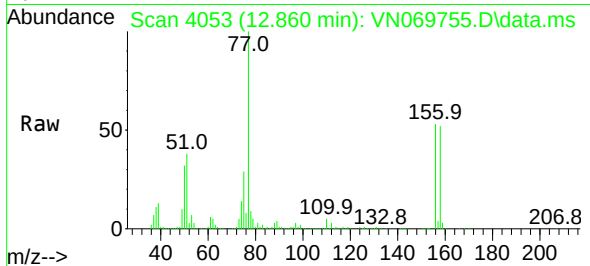




#77
Bromobenzene
Concen: 50.182 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

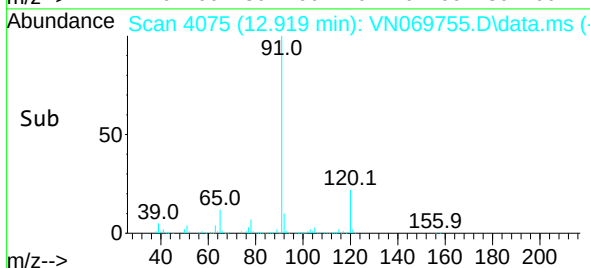
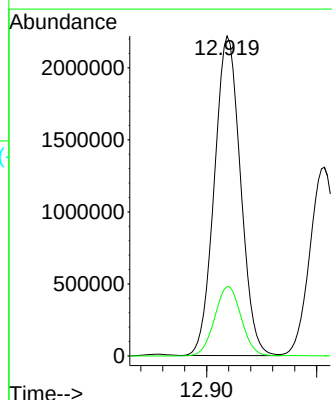
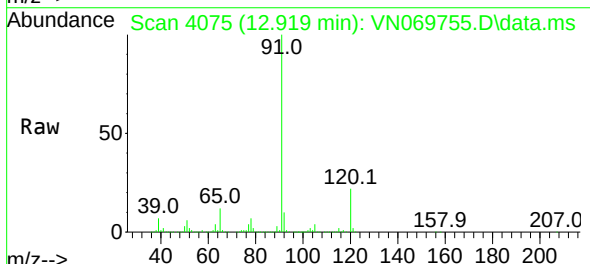
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

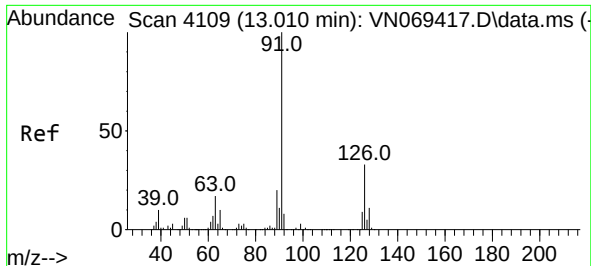
Tgt Ion:156 Resp: 738816
Ion Ratio Lower Upper
156 100
77 220.3 90.6 271.8
158 96.4 48.9 146.7



#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

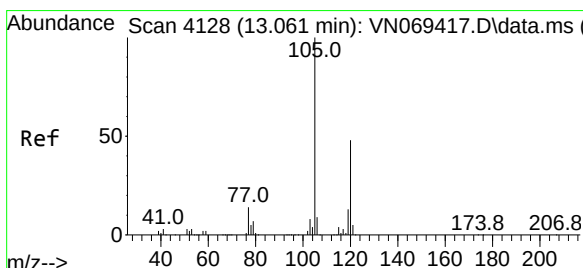
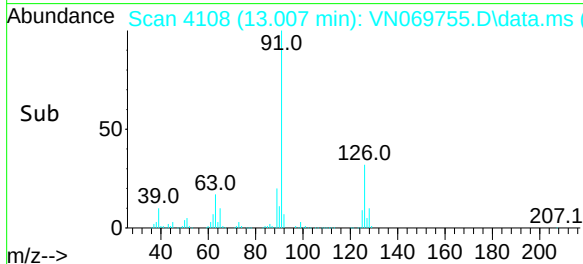
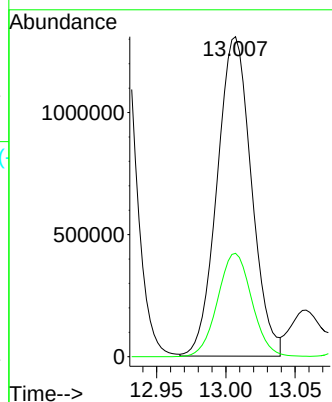
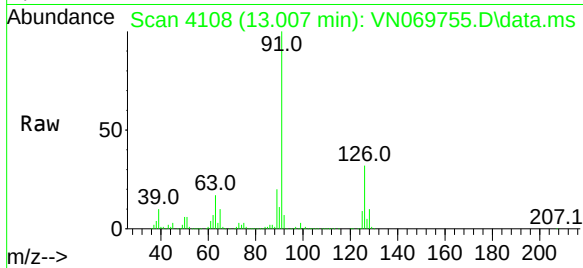




#79
2-Chlorotoluene
Concen: 51.228 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

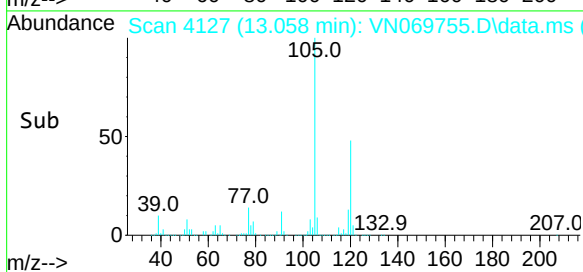
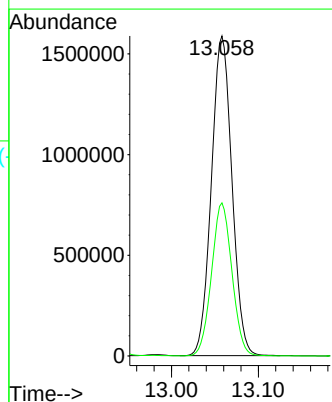
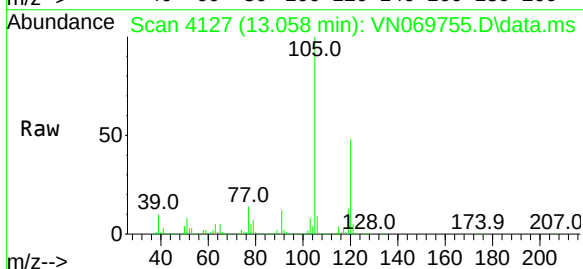
Instrument :
MSVOA_N
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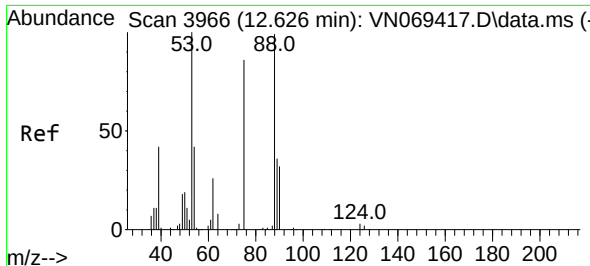
Tgt Ion: 91 Resp: 2257737
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8



#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

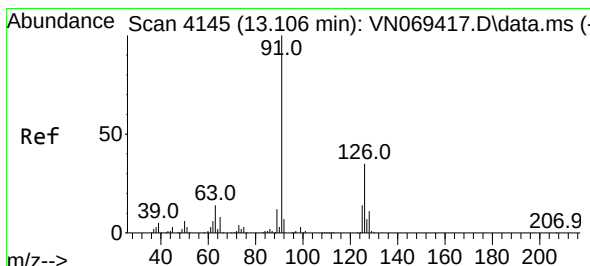
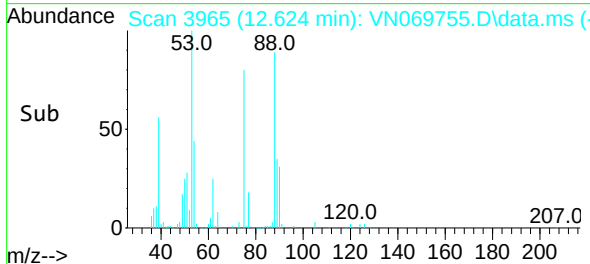
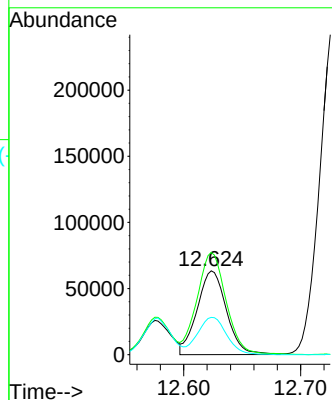
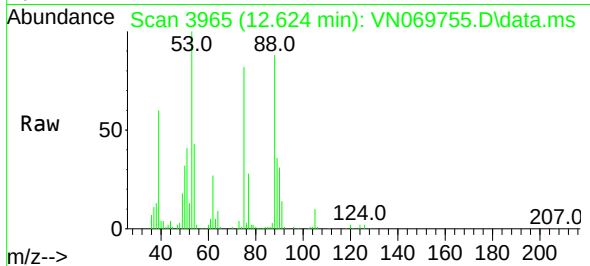




#81
trans-1,4-Dichloro-2-butene
Concen: 20.421 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

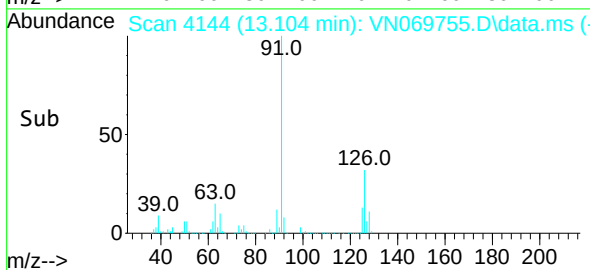
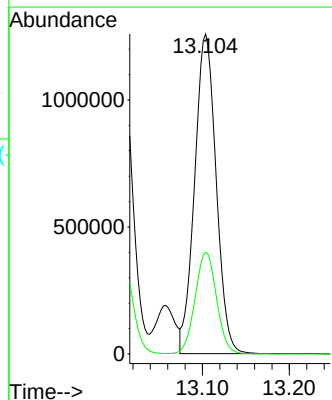
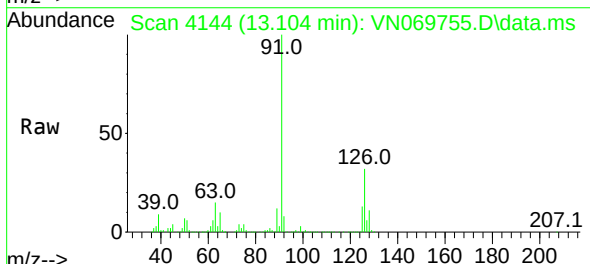
Instrument : MSVOA_N
ClientSampleId : FDR-MW-4-20211202MSD

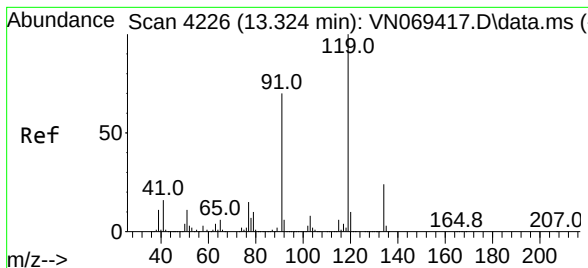
Tgt Ion: 75 Resp: 109917
Ion Ratio Lower Upper
75 100
53 122.6 90.5 135.7
89 44.8 38.2 57.4



#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# 41

Delta R.T. -0.003 min

Lab File: VN069755.D

Acq: 4 Dec 2021 7:45

Instrument :

MSVOA_N

ClientSampleId :

FDR-MW-4-20211202MSD

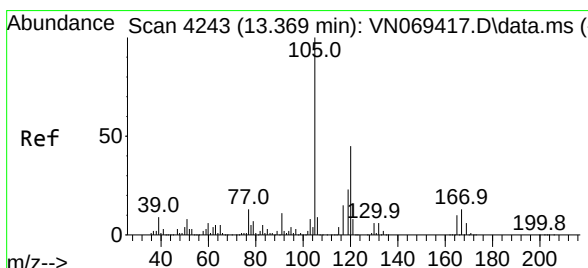
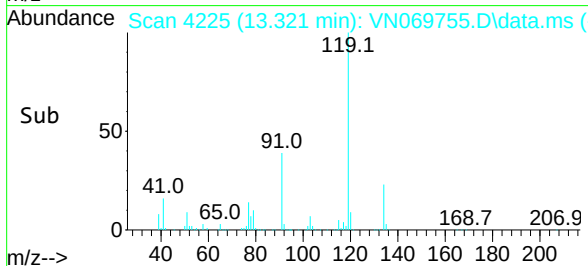
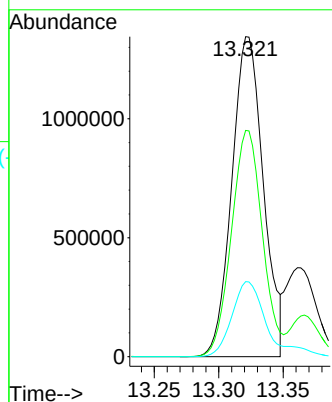
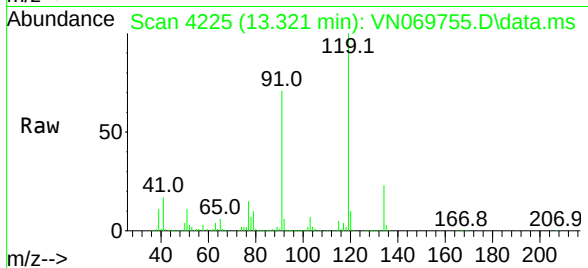
Tgt Ion:119 Resp: 2288109

Ion Ratio Lower Upper

119 100

91 69.7 31.5 94.5

134 25.9 12.4 37.4



#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

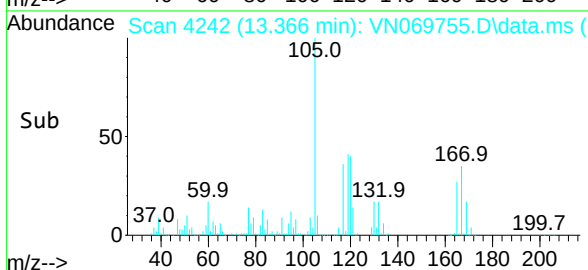
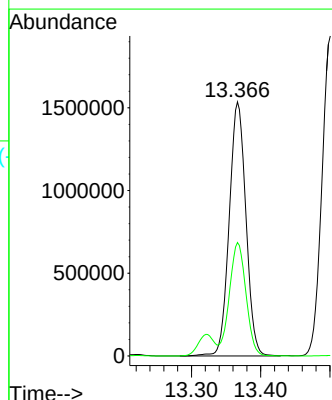
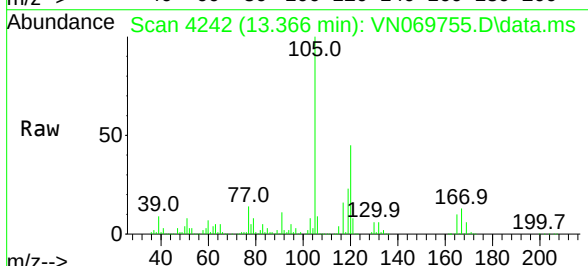
Acq: 4 Dec 2021 7:45

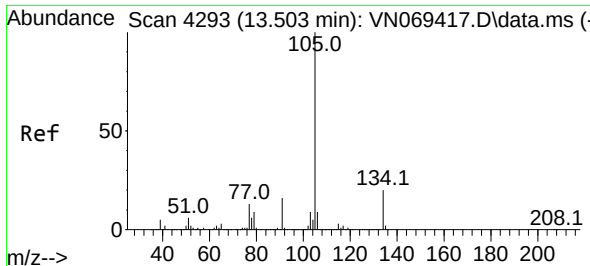
Tgt Ion:105 Resp: 2565258

Ion Ratio Lower Upper

105 100

120 44.7 22.8 68.4

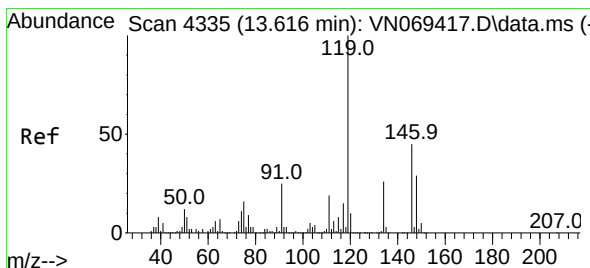
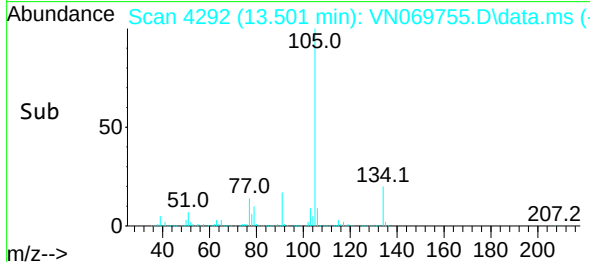
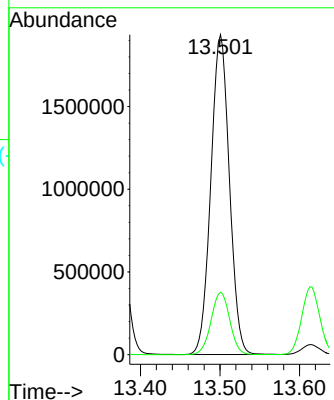
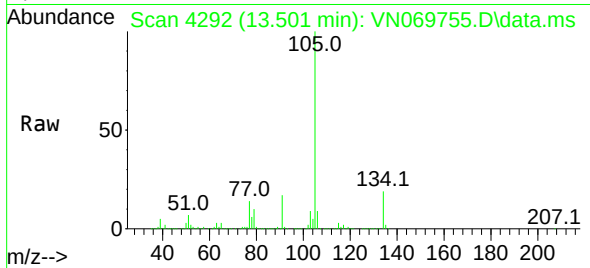




#85
 sec-Butylbenzene
 Concen: 51.639 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45

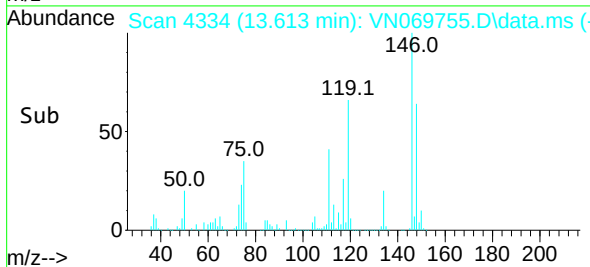
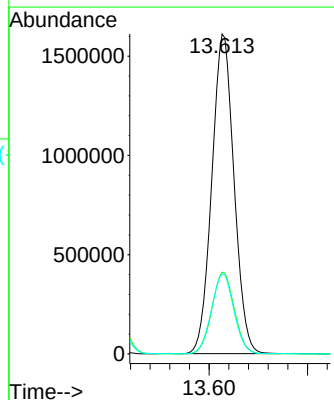
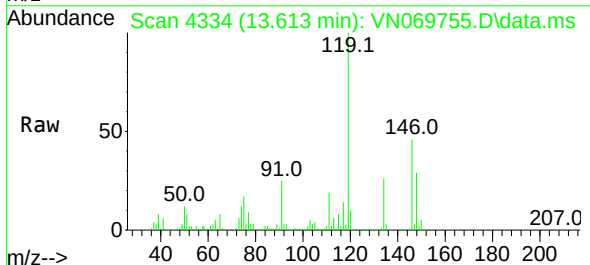
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD

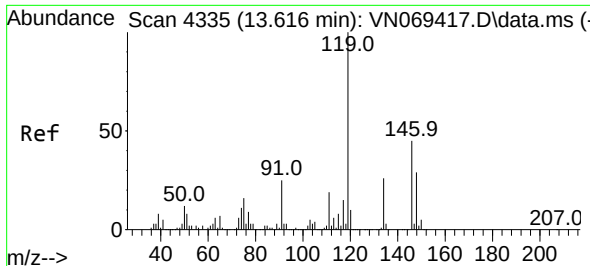
Tgt Ion:105 Resp: 3129030
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1



#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

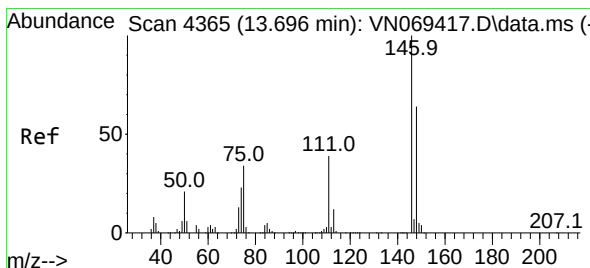
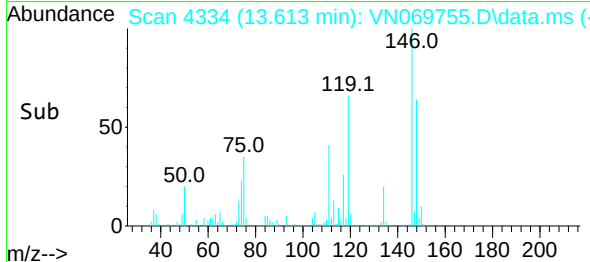
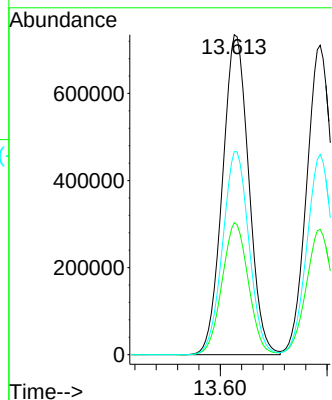
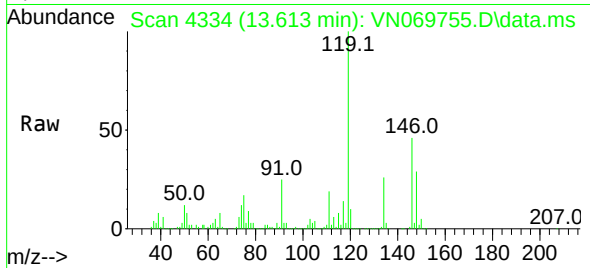




#87
 1,3-Dichlorobenzene
 Concen: 51.920 ug/l
 RT: 13.613 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45

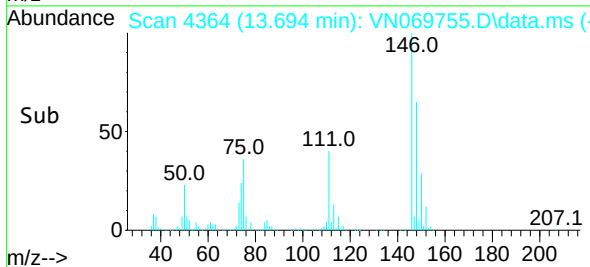
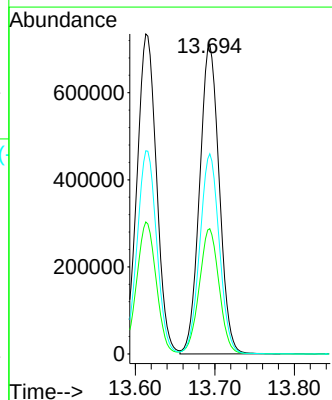
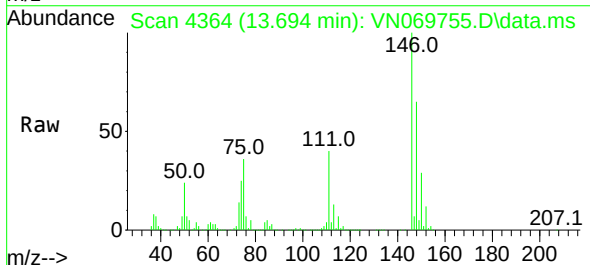
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD

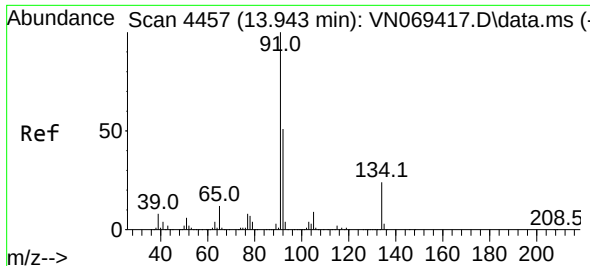
Tgt Ion:146 Resp: 1255802
 Ion Ratio Lower Upper
 146 100
 111 41.3 18.6 55.6
 148 63.8 31.6 95.0



#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

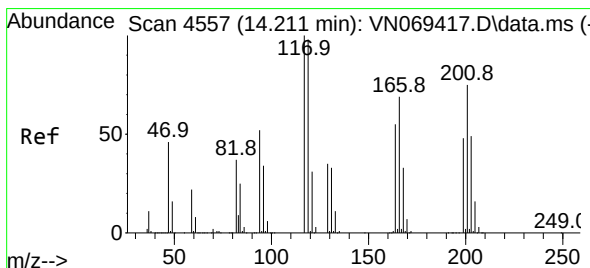
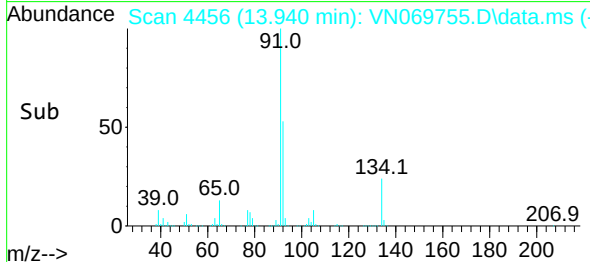
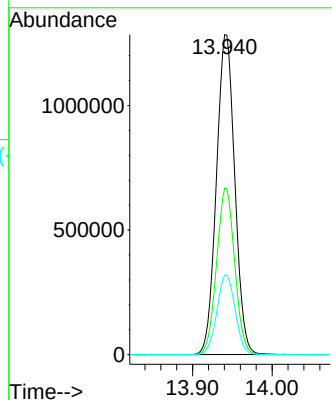
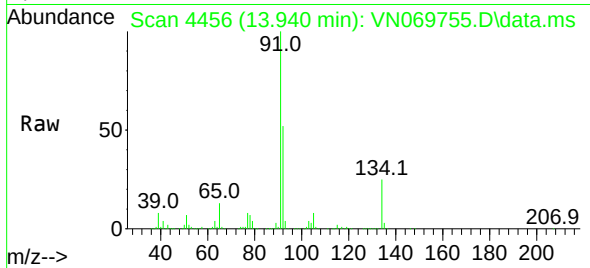




#89
n-Butylbenzene
Concen: 53.682 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

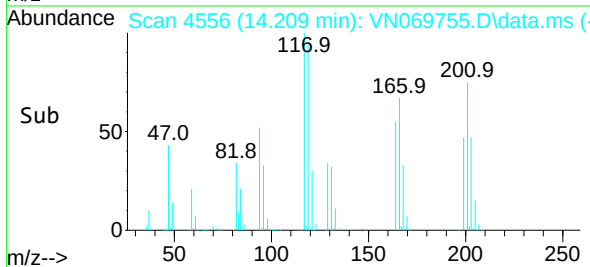
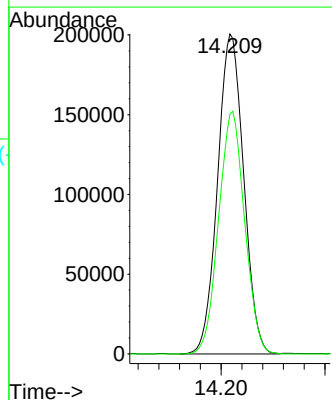
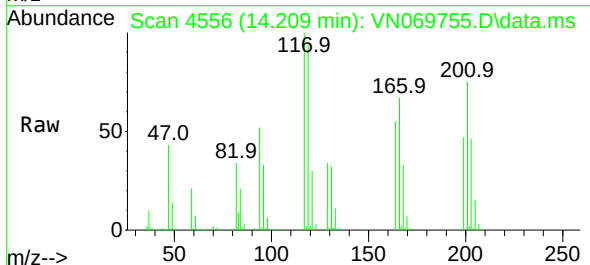
Instrument :
MSVOA_N
ClientSampleId :
FDR-MW-4-20211202MSD

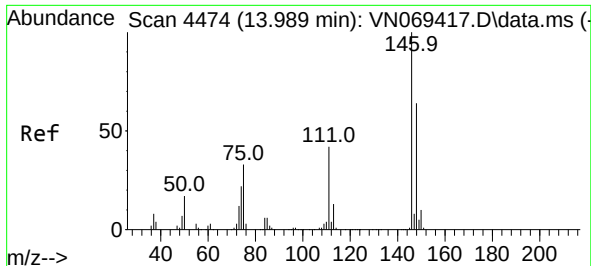
Tgt Ion: 91 Resp: 2062523
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 24.9 13.6 40.8



#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

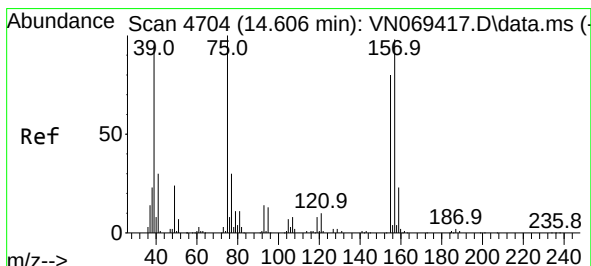
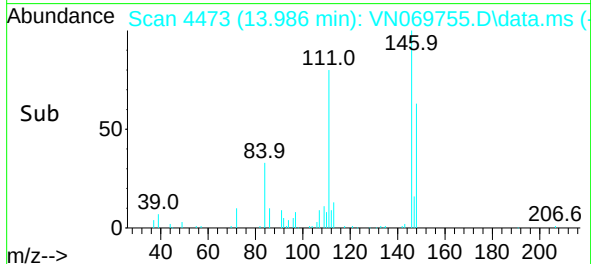
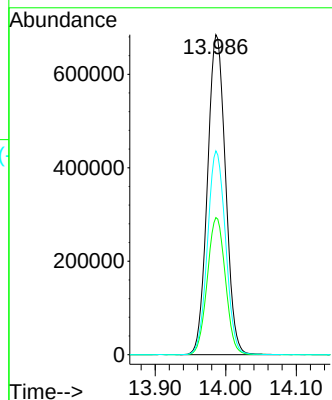
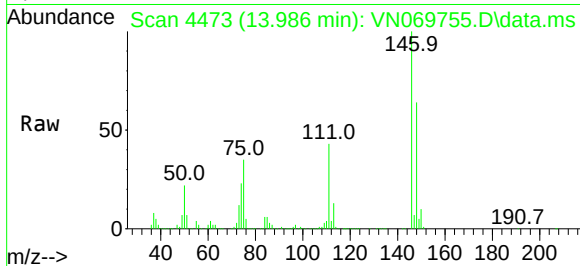




#91
1,2-Dichlorobenzene
Concen: 51.631 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069755.D
Acq: 4 Dec 2021 7:45

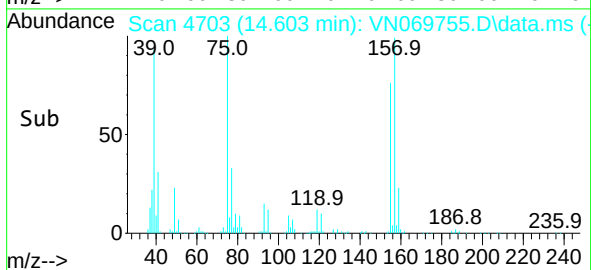
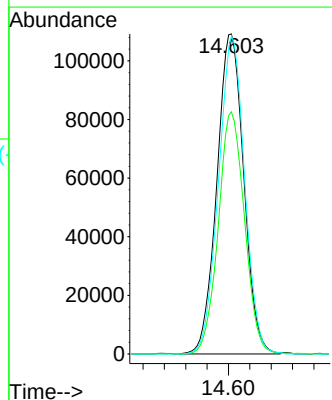
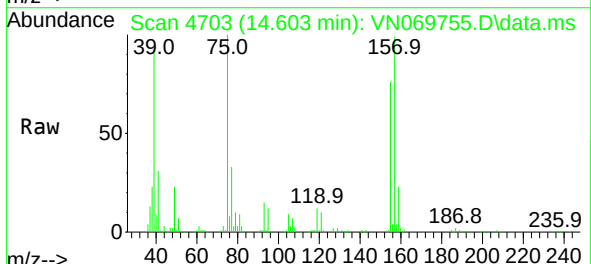
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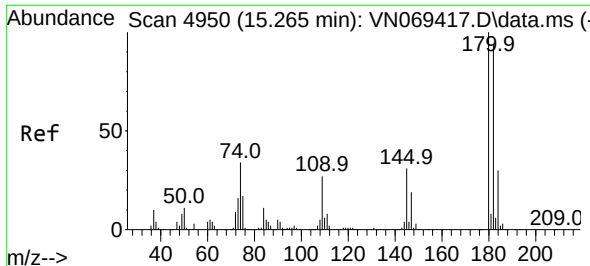
Tgt Ion:146 Resp: 1216775
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.8 32.1 96.3



#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

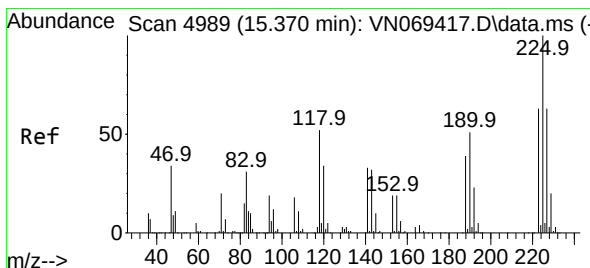
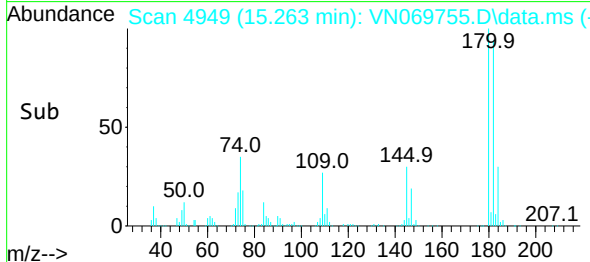
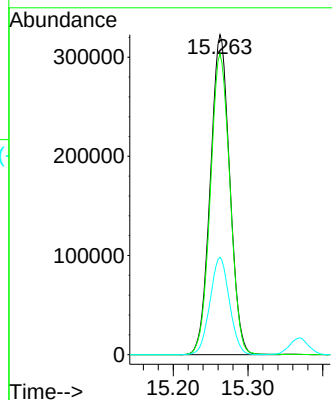
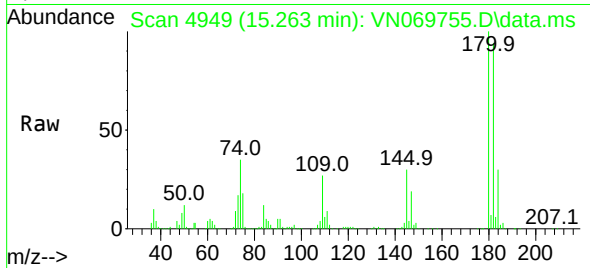




#93
 1,2,4-Trichlorobenzene
 Concen: 50.340 ug/l
 RT: 15.263 min Scan# 4950
 Delta R.T. -0.002 min
 Lab File: VN069755.D
 Acq: 4 Dec 2021 7:45

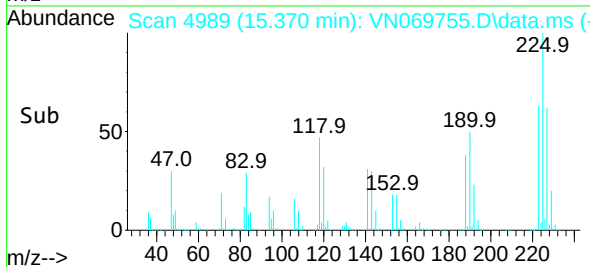
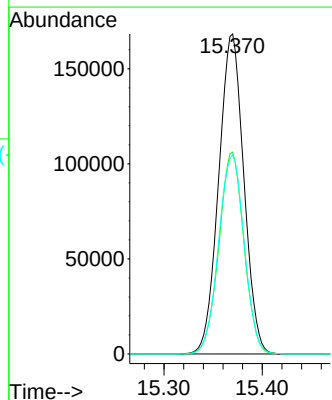
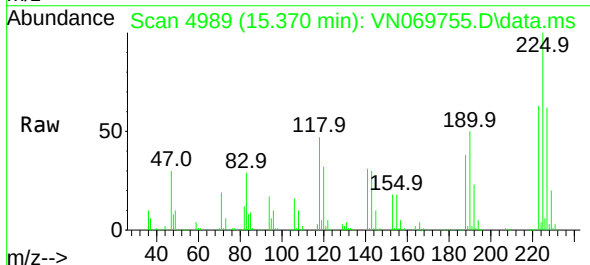
Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD

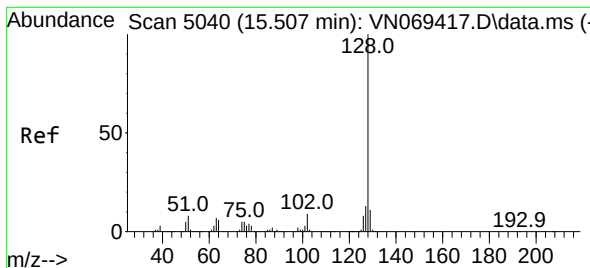
Tgt Ion:180 Resp: 582101
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.3 144.9
 145 30.5 14.5 43.5



#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

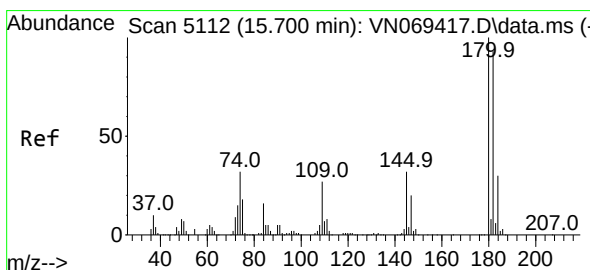
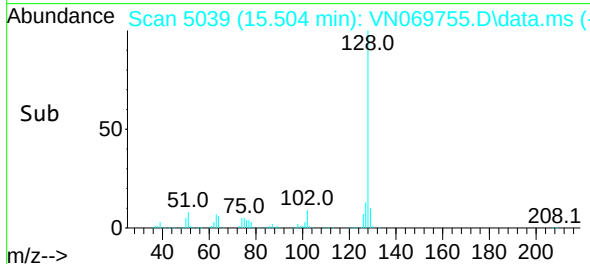
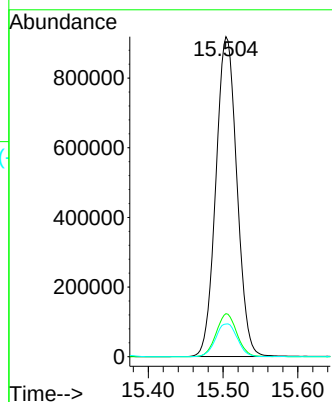
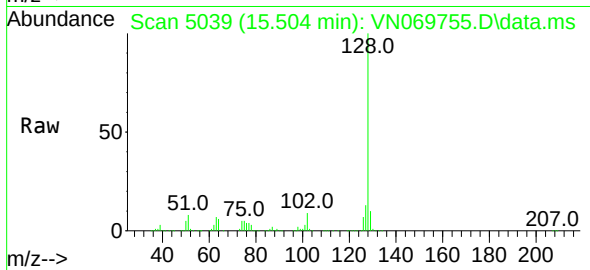
Tgt Ion:128 Resp: 1791203

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.6 8.7 13.1



#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

