

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023176.D
 Acq On : 07 Jul 2021 16:39
 Operator : JC/MD
 Sample : M2953-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-070621-FD

Quant Time: Jul 08 03:21:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

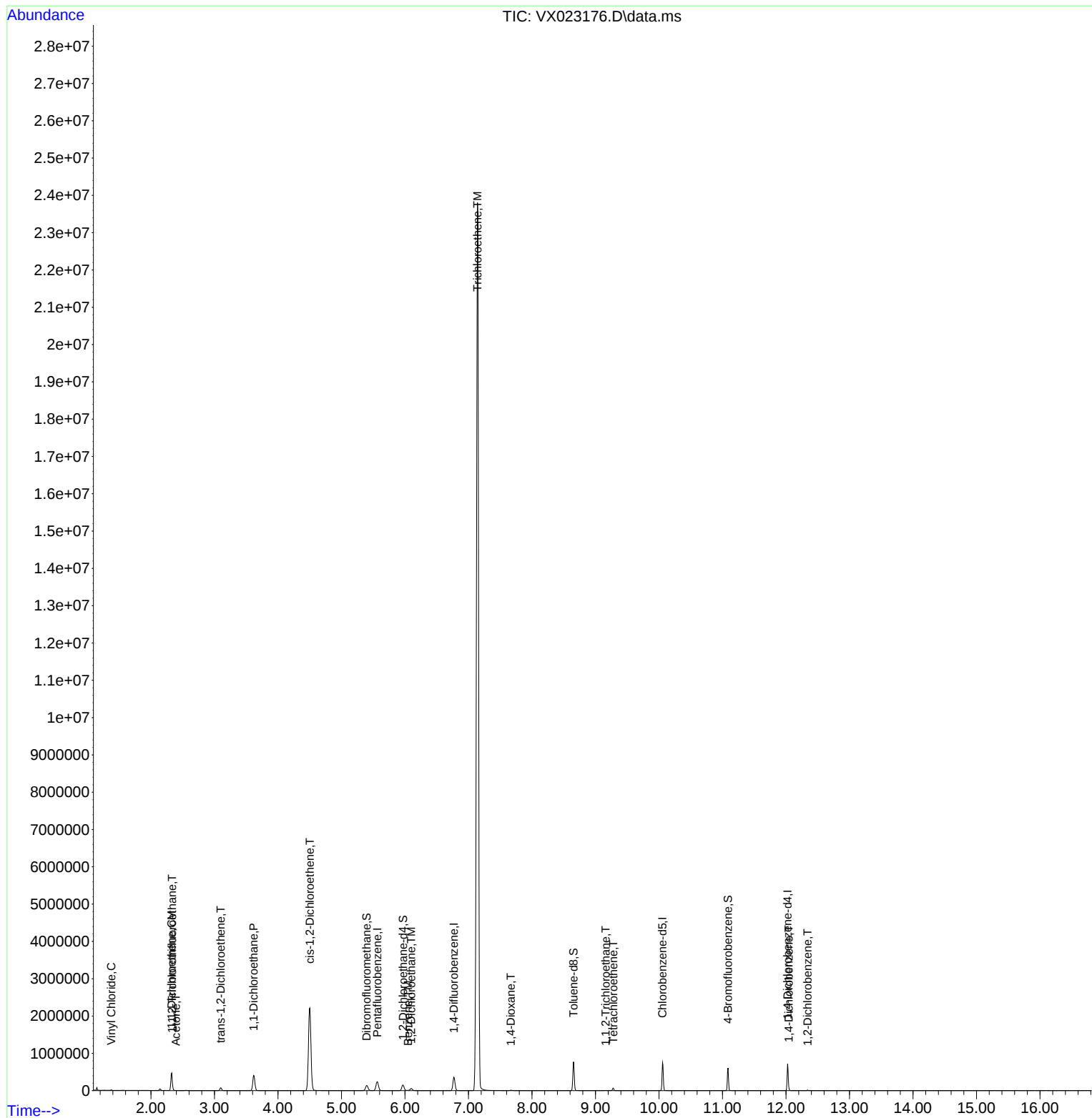
Internal Standards						
1) Pentafluorobenzene	5.562	168	218776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	361930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	155412	52.855	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.700%			
35) Dibromofluoromethane	5.397	113	118182	50.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.140%			
50) Toluene-d8	8.653	98	435439	49.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.900%			
62) 4-Bromofluorobenzene	11.085	95	158844	47.194	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.380%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	7285	3.506	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	21035	9.955	ug/l	98
12) 1,1-Dichloroethene	2.325	96	139294	71.426	ug/l	98
16) Acetone	2.392	43	3484	2.995	ug/l #	76
21) trans-1,2-Dichloroethene	3.099	96	30485	14.474	ug/l	93
24) 1,1-Dichloroethane	3.617	63	450354	111.563	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	1394844	546.759	ug/l	93
40) Benzene	6.050	78	8047	0.859	ug/l	99
42) 1,2-Dichloroethane	6.099	62	63592	16.894	ug/l	96
44) Trichloroethene	7.141	130	9633895	3625.287	ug/l	100
49) 1,4-Dioxane	7.665	88	8833	136.619	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	1149	0.451	ug/l	98
64) Tetrachloroethene	9.281	164	12477	4.757	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	11653	2.529	ug/l #	79
91) 1,2-Dichlorobenzene	12.341	146	4771	1.048	ug/l	92

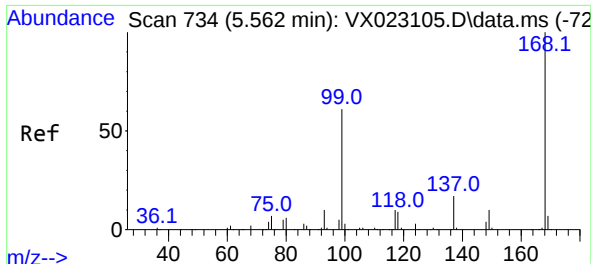
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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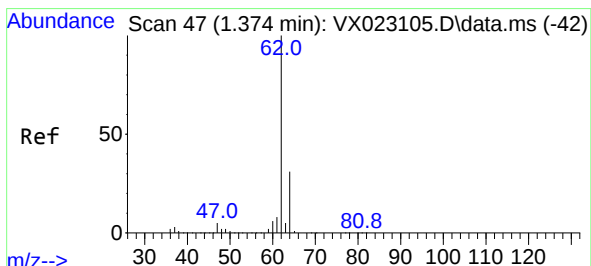
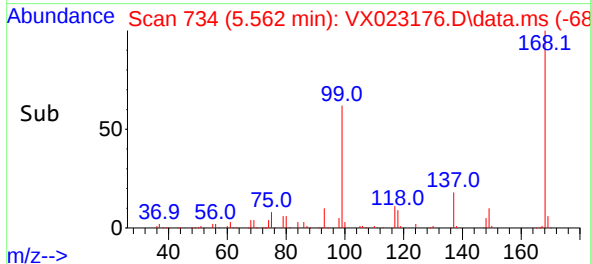
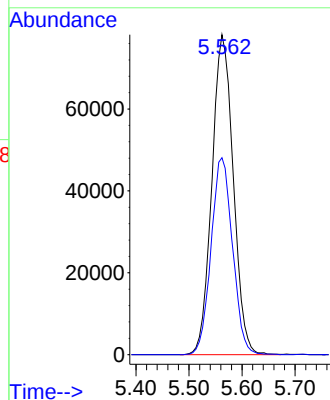
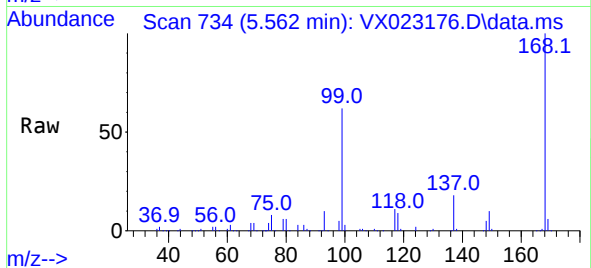




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

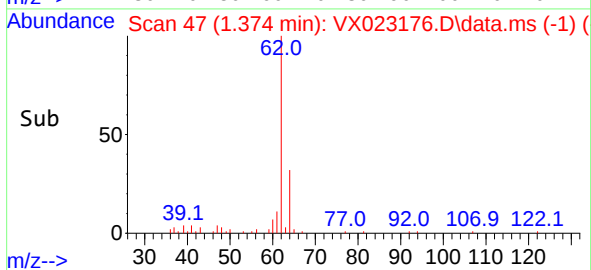
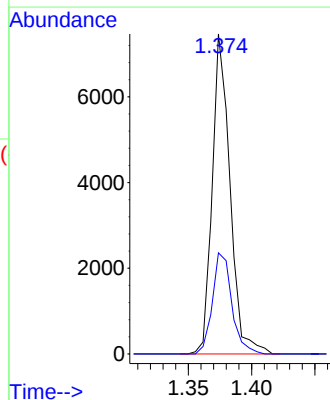
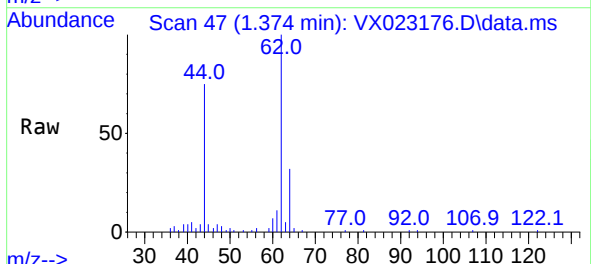
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

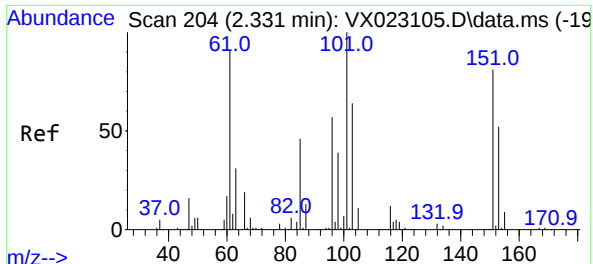
Tgt Ion:168 Resp: 218776
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#4
Vinyl Chloride
Concen: 3.506 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion: 62 Resp: 7285
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5

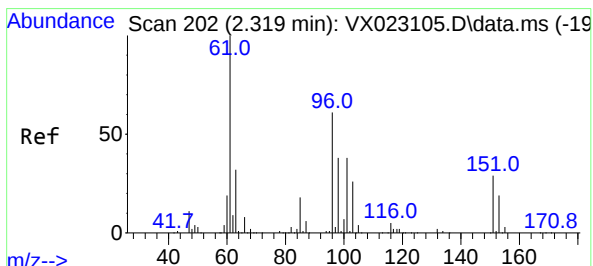
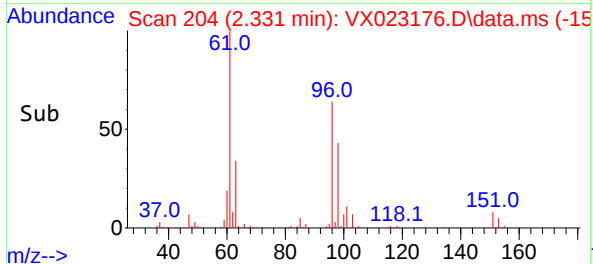
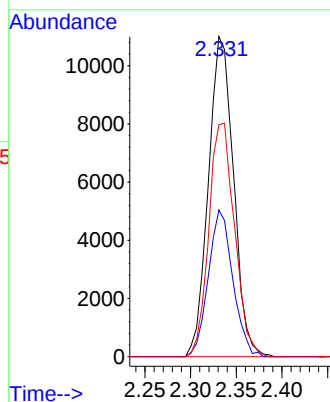
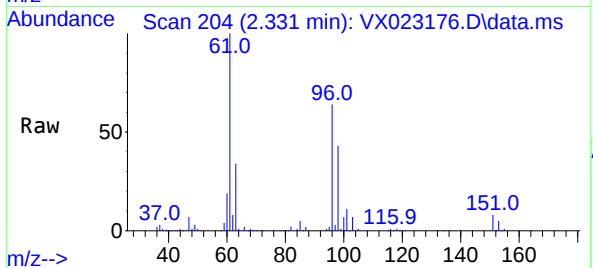




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.955 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

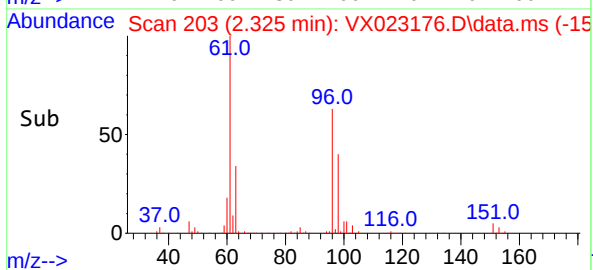
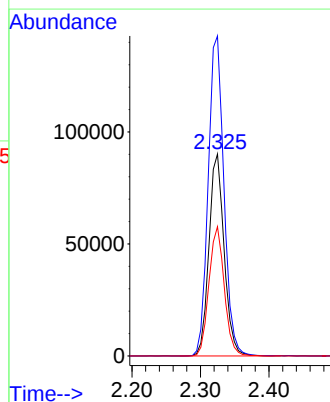
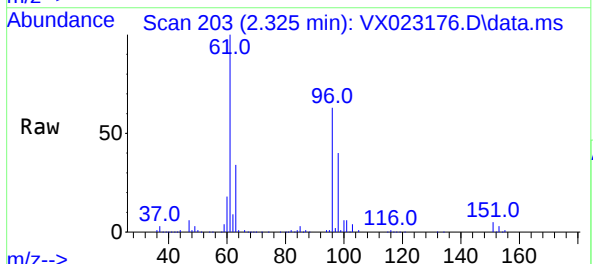
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

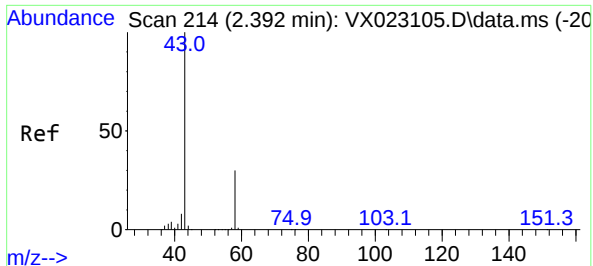
Tgt Ion:101 Resp: 21035
Ion Ratio Lower Upper
101 100
85 44.5 34.9 52.3
151 74.7 61.4 92.2



#12
1,1-Dichloroethene
Concen: 71.426 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion: 96 Resp: 139294
Ion Ratio Lower Upper
96 100
61 158.5 124.6 187.0
98 64.0 50.6 76.0

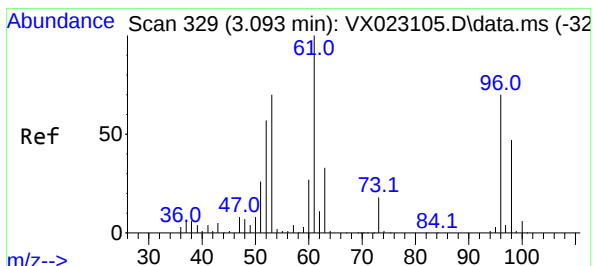
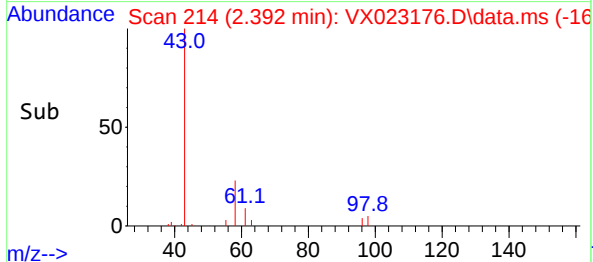
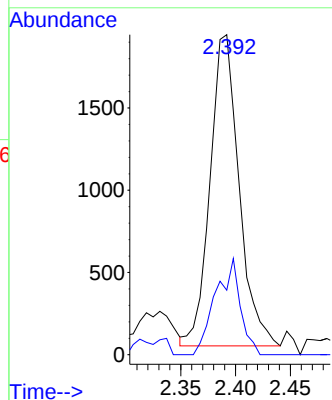
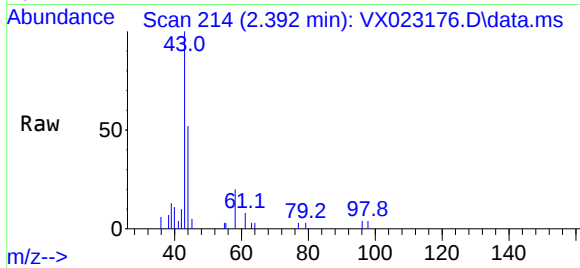




#16
Acetone
Concen: 2.995 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

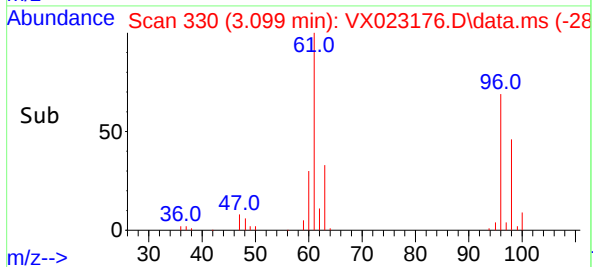
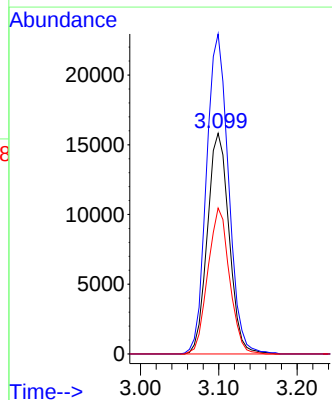
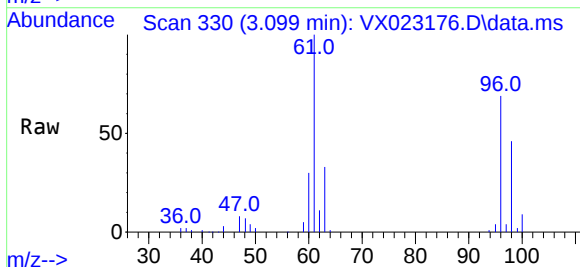
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

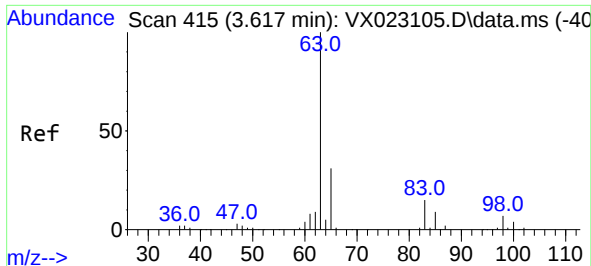
Tgt Ion: 43 Resp: 3484
Ion Ratio Lower Upper
43 100
58 20.7 27.8 41.8#



#21
trans-1,2-Dichloroethene
Concen: 14.474 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion: 96 Resp: 30485
Ion Ratio Lower Upper
96 100
61 145.0 107.7 161.5
98 66.1 50.4 75.6

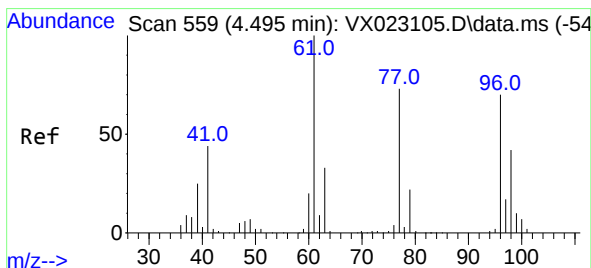
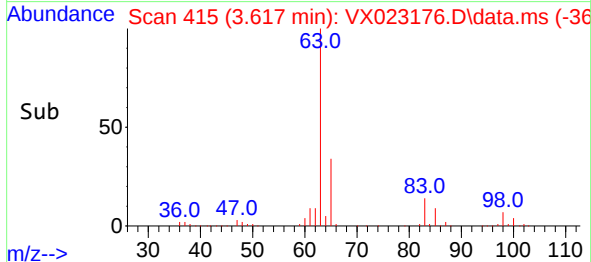
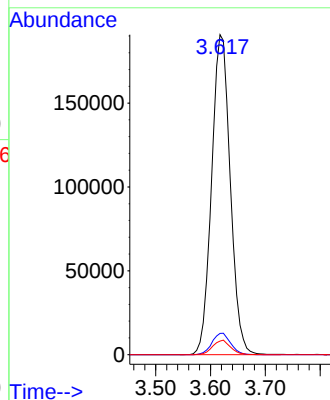
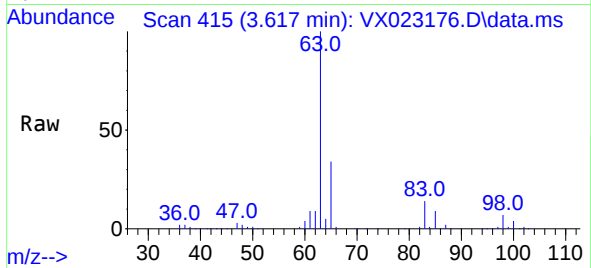




#24
1,1-Dichloroethane
Concen: 111.563 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

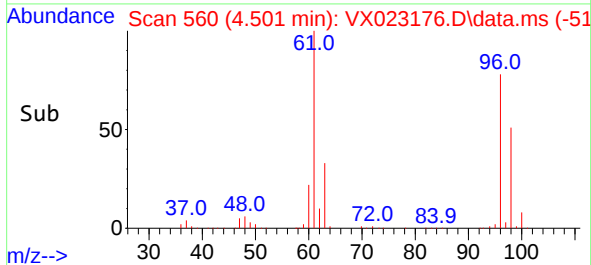
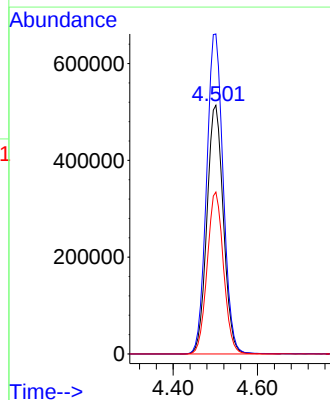
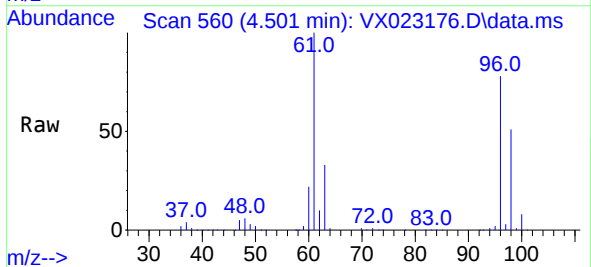
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

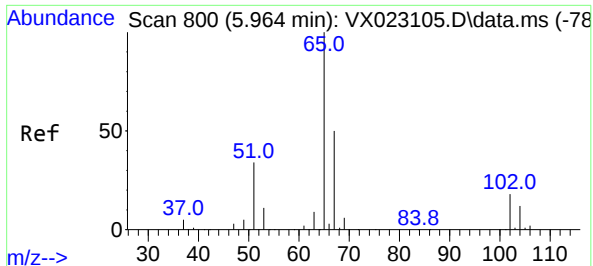
Tgt Ion: 63 Resp: 450354
Ion Ratio Lower Upper
63 100
98 6.6 3.8 11.2
100 4.3 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 546.759 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion: 96 Resp: 1394844
Ion Ratio Lower Upper
96 100
61 129.9 0.0 285.6
98 64.7 0.0 129.6



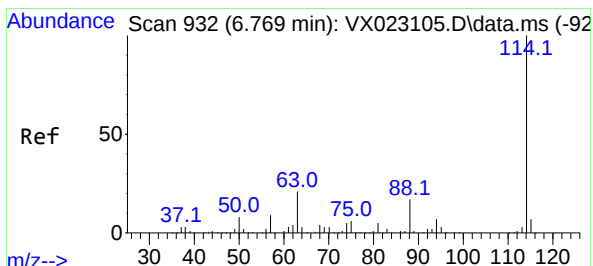
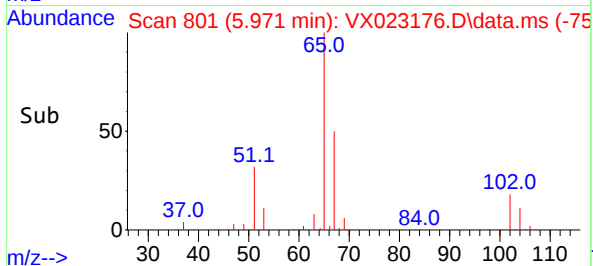
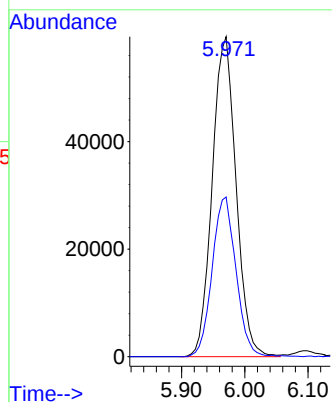
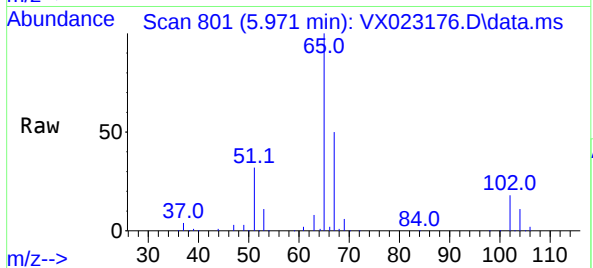


#33

1,2-Dichloroethane-d4
Concen: 52.855 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

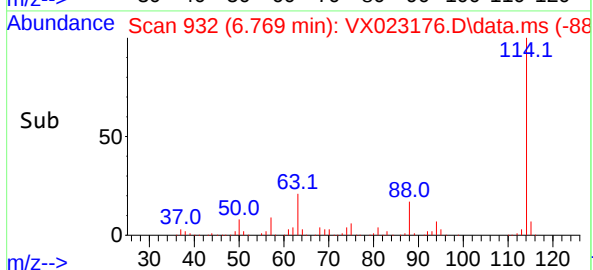
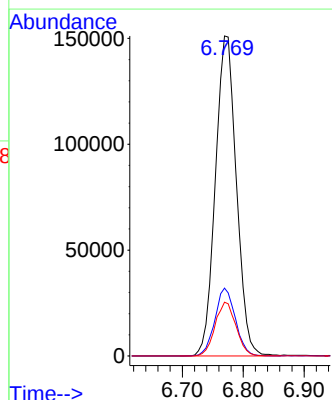
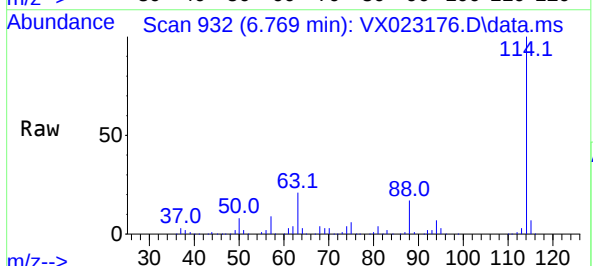
Tgt Ion: 65 Resp: 155412
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

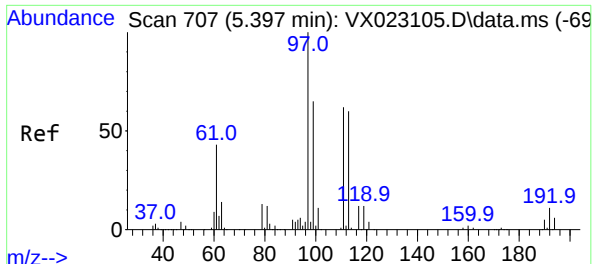


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion: 114 Resp: 361930
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.8 0.0 32.8

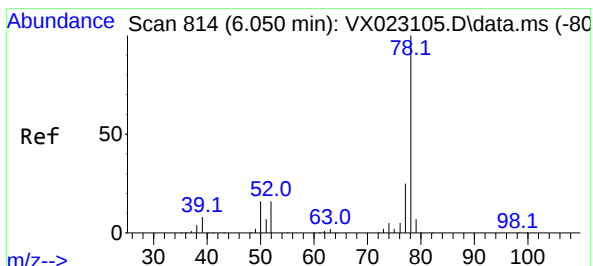
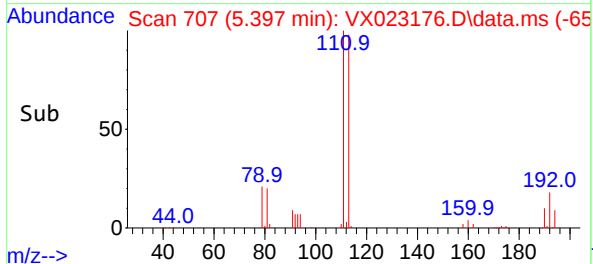
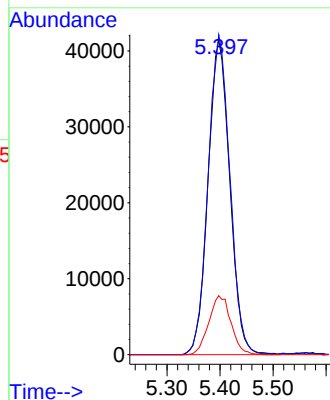
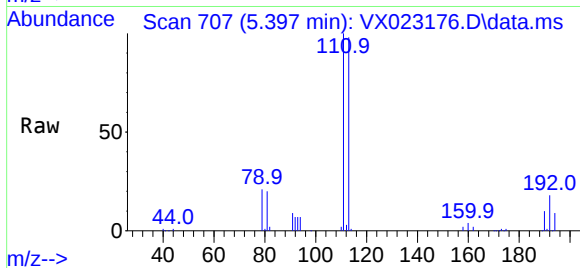




#35
Dibromofluoromethane
Concen: 50.566 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

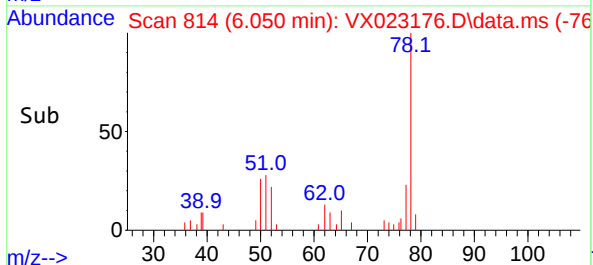
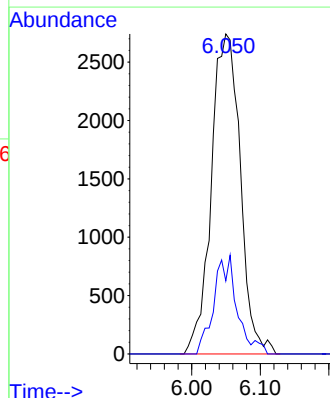
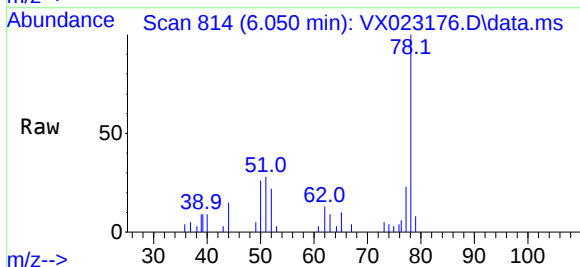
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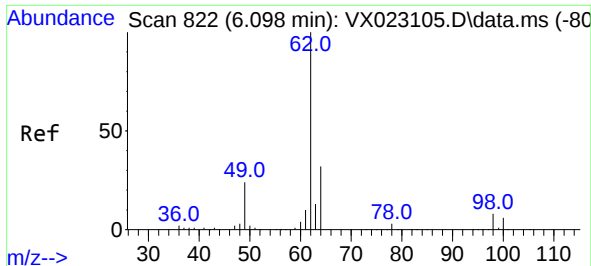
Tgt Ion:113 Resp: 118182
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.1 16.7 25.1



#40
Benzene
Concen: 0.859 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion: 78 Resp: 8047
Ion Ratio Lower Upper
78 100
77 22.9 18.9 28.3





#42

1,2-Dichloroethane

Concen: 16.894 ug/l

RT: 6.099 min Scan# 822

Delta R.T. 0.001 min

Lab File: VX023176.D

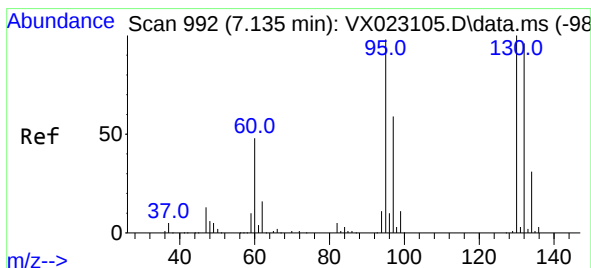
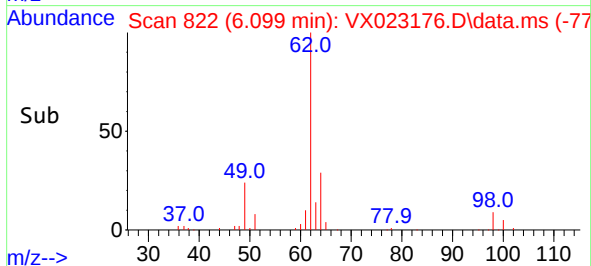
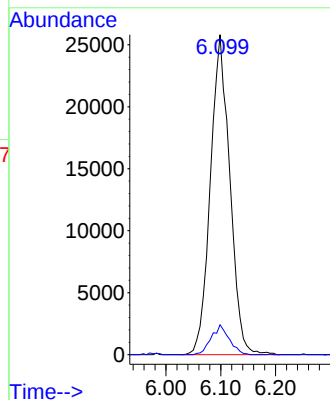
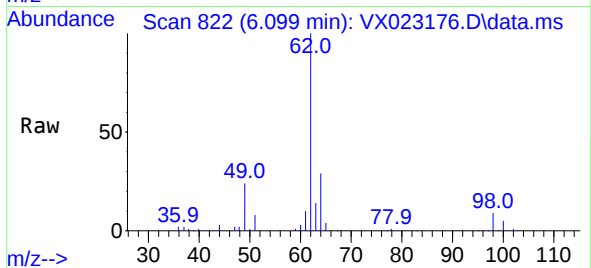
Acq: 07 Jul 2021 16:39

Tgt Ion: 62 Resp: 63592

Ion Ratio Lower Upper

62 100

98 8.6 0.0 20.2



#44

Trichloroethene

Concen: 3625.287 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.006 min

Lab File: VX023176.D

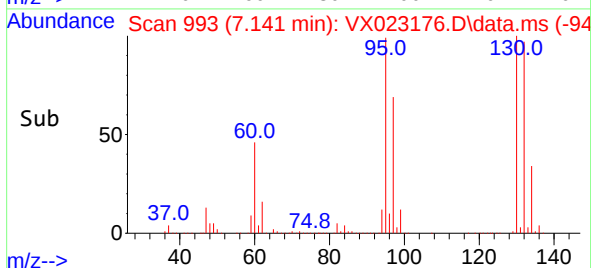
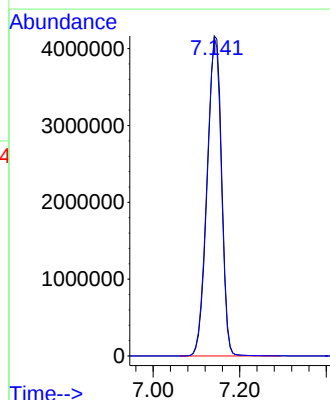
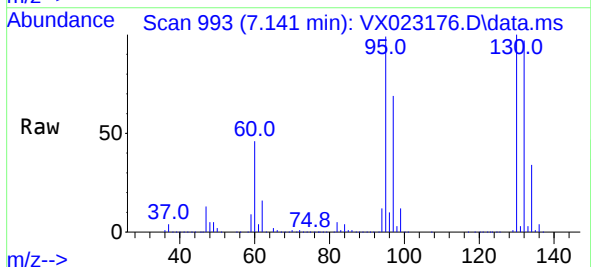
Acq: 07 Jul 2021 16:39

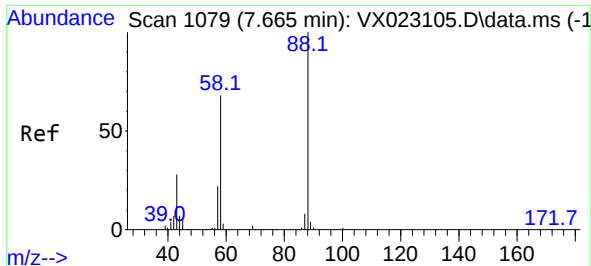
Tgt Ion:130 Resp: 9633895

Ion Ratio Lower Upper

130 100

95 99.5 0.0 198.0

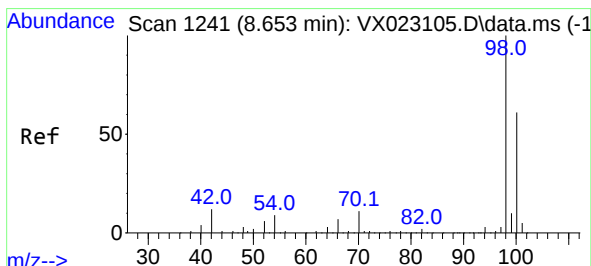
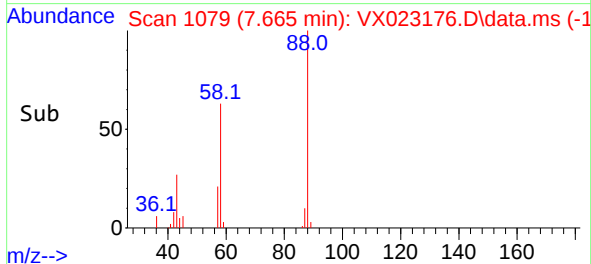
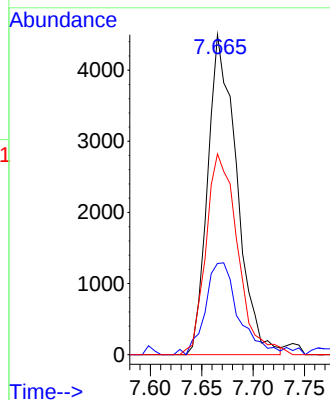
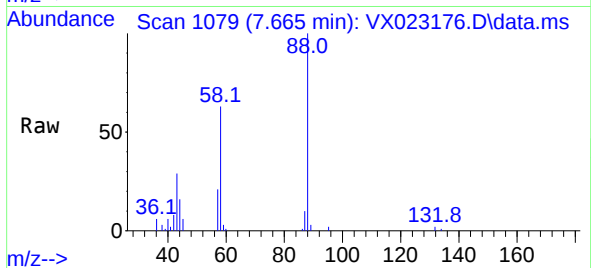




#49
1,4-Dioxane
Concen: 136.619 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

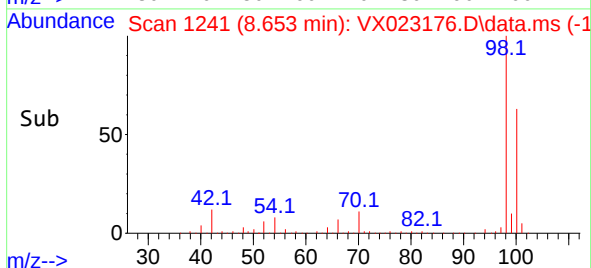
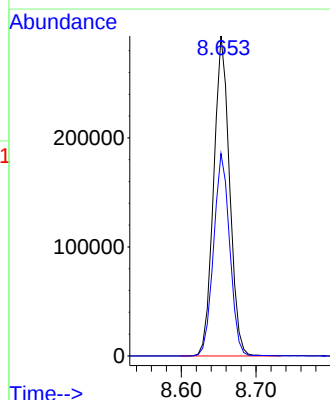
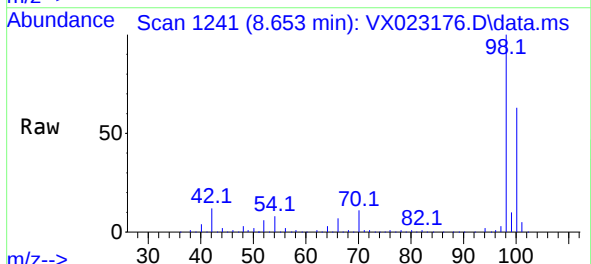
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

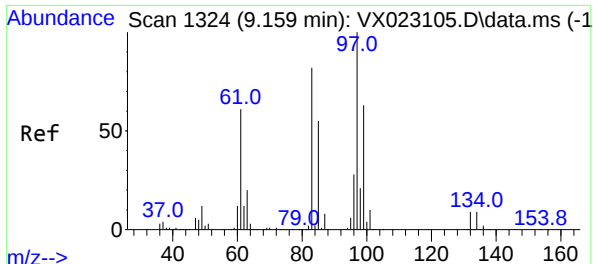
Tgt Ion:	88	Resp:	8833
Ion	Ratio	Lower	Upper
88	100		
43	32.7	23.2	34.8
58	68.5	55.0	82.4



#50
Toluene-d8
Concen: 49.946 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion:	98	Resp:	435439
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9



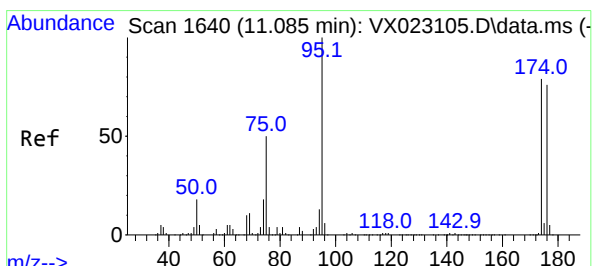
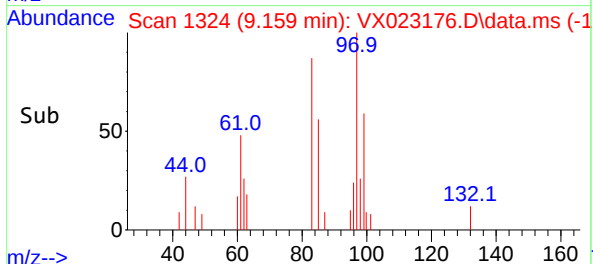
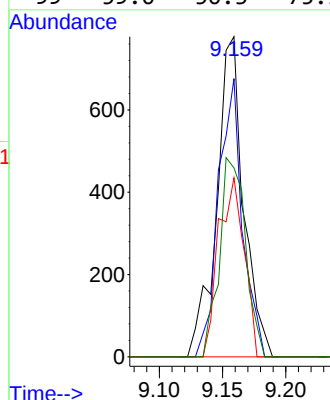
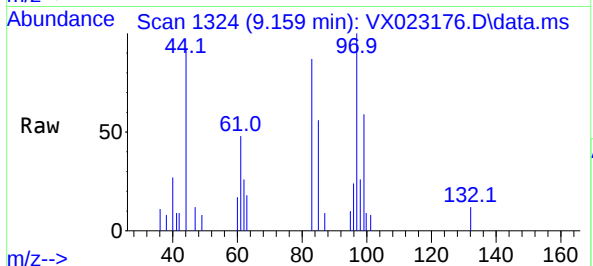


#55
1,1,2-Trichloroethane
Concen: 0.451 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

Tgt Ion: 97 Resp: 1149

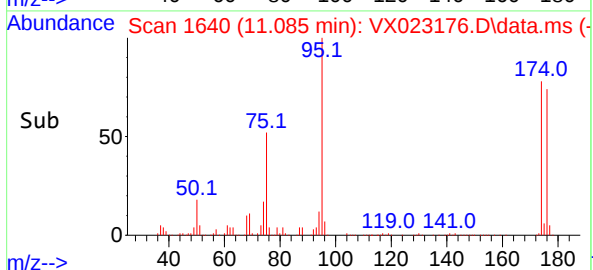
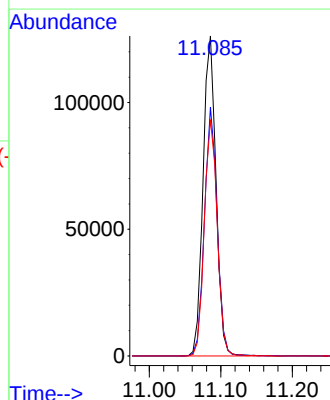
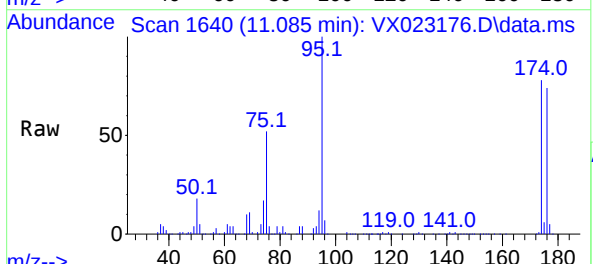
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.3	103.9
85	55.9	44.3	66.5
99	59.0	50.3	75.5

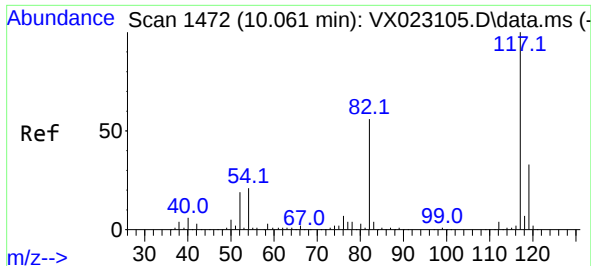


#62
4-Bromofluorobenzene
Concen: 47.194 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion: 95 Resp: 158844

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	154.6
176	73.6	0.0	155.8

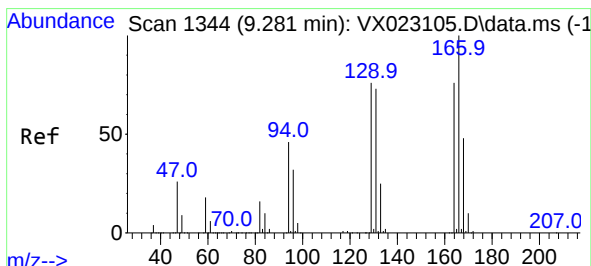
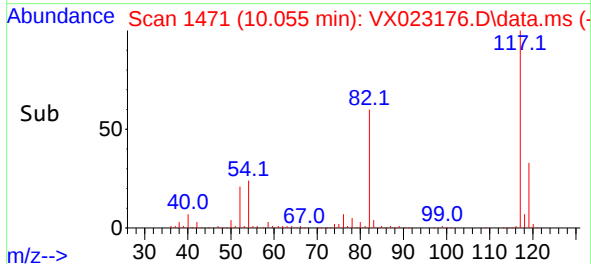
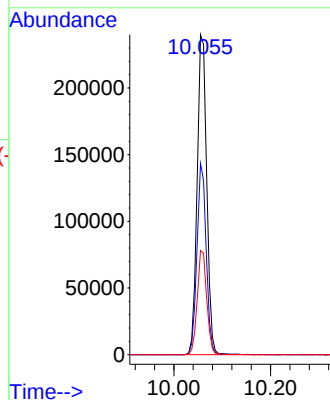
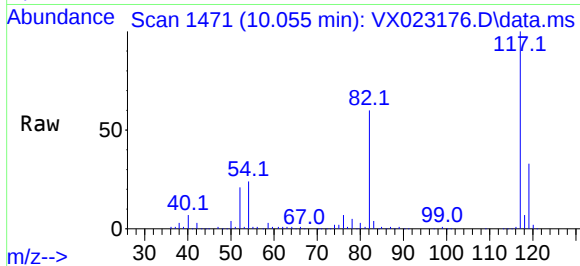




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

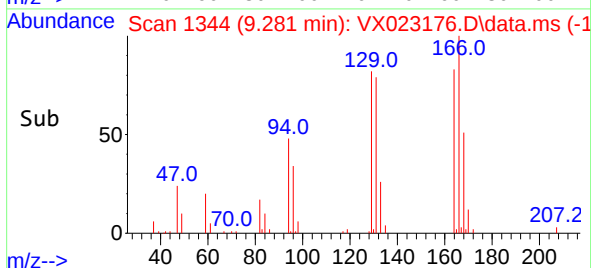
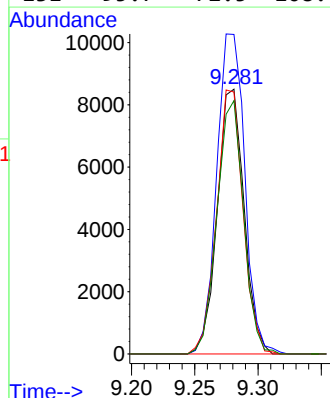
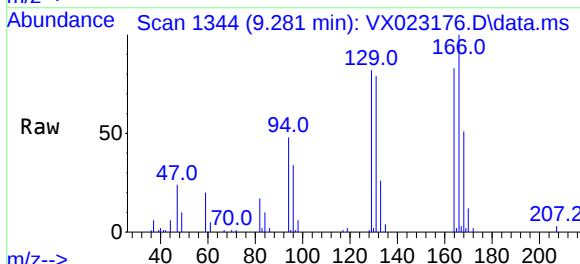
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

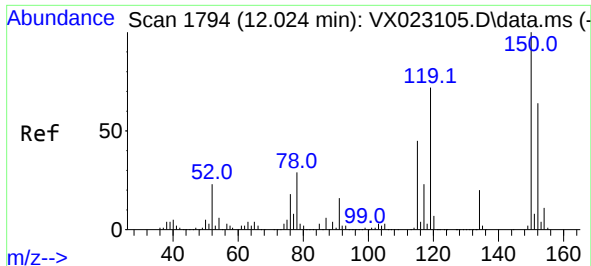
Tgt Ion:117 Resp: 328854
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.5 26.6 39.8



#64
Tetrachloroethene
Concen: 4.757 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion:164 Resp: 12477
Ion Ratio Lower Upper
164 100
166 120.7 103.4 155.2
129 98.9 70.8 106.2
131 95.7 72.5 108.7

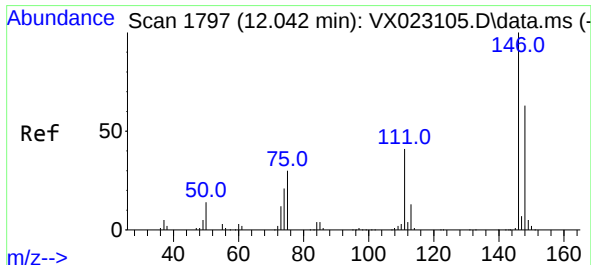
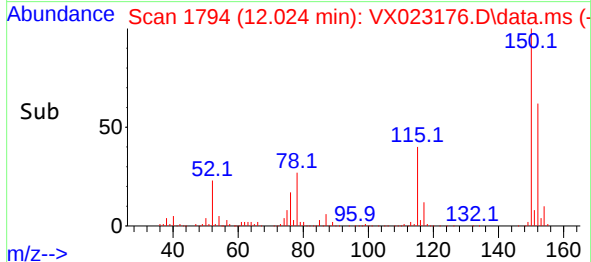
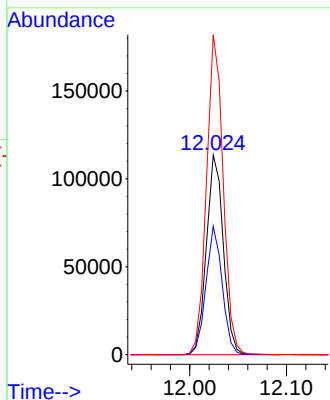
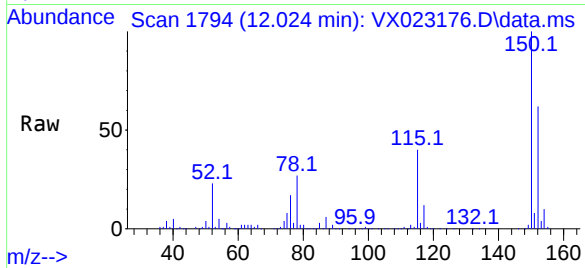




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

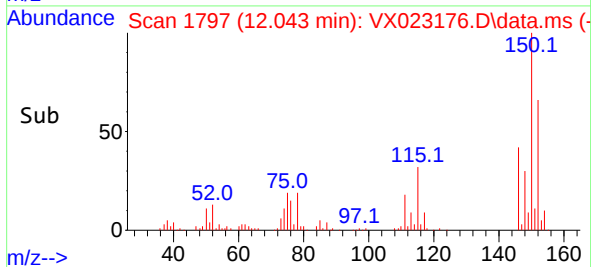
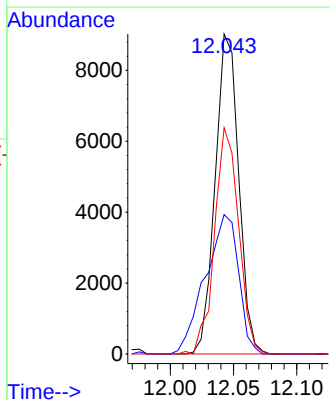
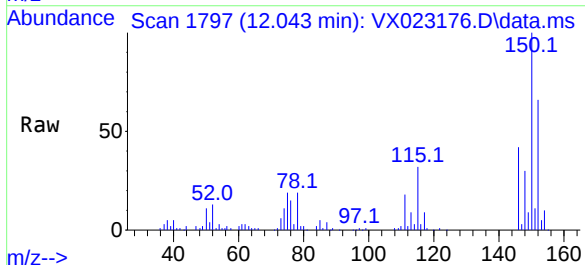
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

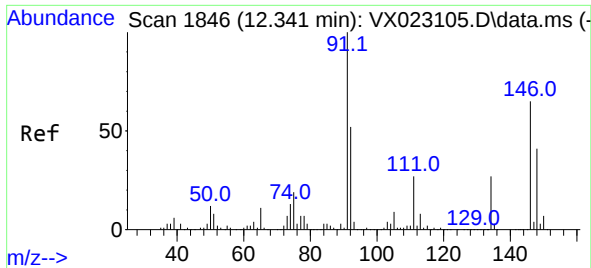
Tgt Ion:152 Resp: 138550
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 157.7 0.0 349.0



#88
1,4-Dichlorobenzene
Concen: 2.529 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Tgt Ion:146 Resp: 11653
Ion Ratio Lower Upper
146 100
111 61.4 19.6 58.8#
148 72.4 31.6 95.0





#91
1,2-Dichlorobenzene
Concen: 1.048 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX023176.D
Acq: 07 Jul 2021 16:39

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-070621-FD

Tgt Ion:146 Resp: 4771
Ion Ratio Lower Upper
146 100
111 37.5 20.8 62.2
148 56.0 31.9 95.5

