

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023130.D
 Acq On : 03 Jul 2021 00:12
 Operator : JC/MD
 Sample : M2907-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13A-063021

Quant Time: Jul 05 03:00:52 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)

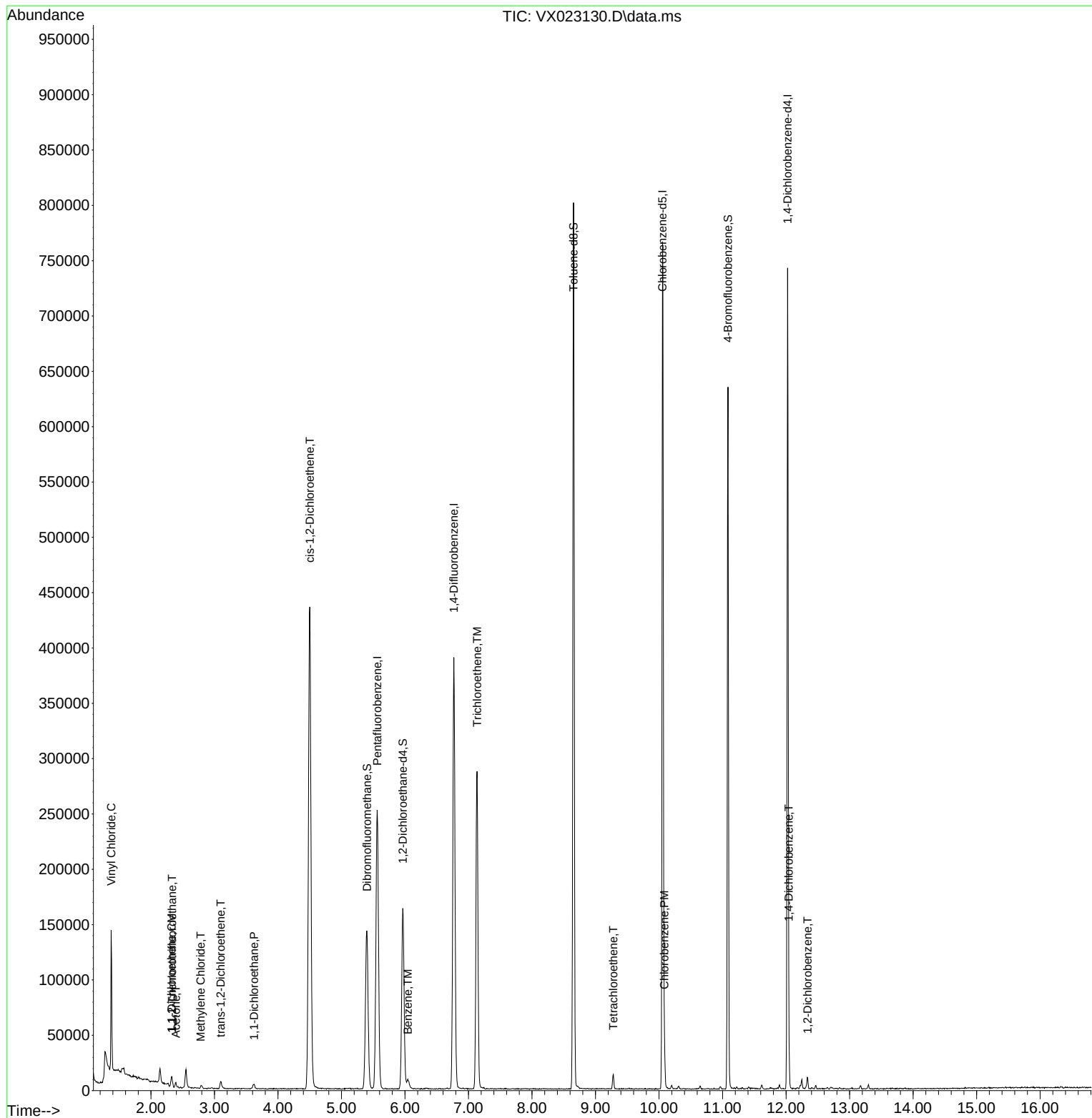
Internal Standards						
1) Pentafluorobenzene	5.562	168	232462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	382447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	163072	52.195	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.380%
35) Dibromofluoromethane	5.404	113	123437	49.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.960%
50) Toluene-d8	8.653	98	458147	49.731	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.460%
62) 4-Bromofluorobenzene	11.085	95	163070	45.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.700%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	72599	32.886	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	1204	0.536	ug/l	97
12) 1,1-Dichloroethene	2.325	96	2338	1.128	ug/l #	77
16) Acetone	2.392	43	4575	3.701	ug/l	97
20) Methylene Chloride	2.782	84	1153	0.433	ug/l #	82
21) trans-1,2-Dichloroethene	3.099	96	2447	1.093	ug/l	93
24) 1,1-Dichloroethane	3.623	63	4491	1.047	ug/l #	92
27) cis-1,2-Dichloroethene	4.501	96	273940	101.059	ug/l	92
40) Benzene	6.044	78	8127	0.821	ug/l	99
44) Trichloroethene	7.135	130	110367	39.304	ug/l	99
64) Tetrachloroethene	9.281	164	1995	0.720	ug/l #	86
65) Chlorobenzene	10.086	112	17717	2.578	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	7660	1.563	ug/l #	69
91) 1,2-Dichlorobenzene	12.341	146	2755	0.569	ug/l	97

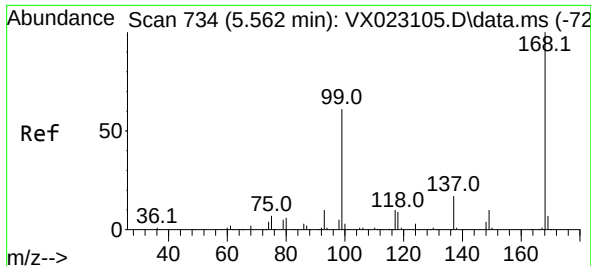
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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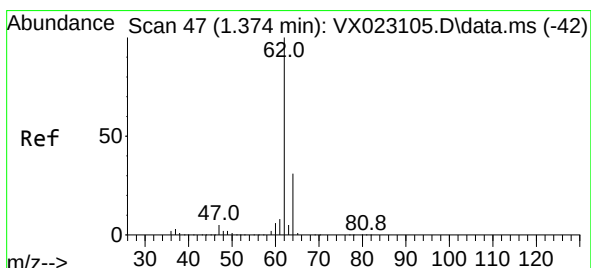
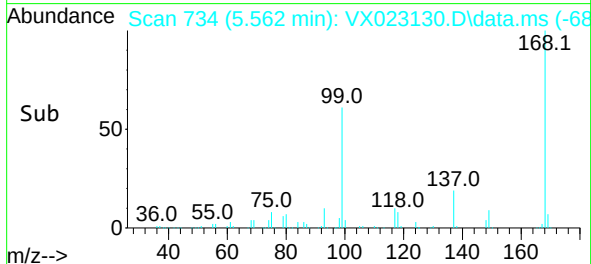
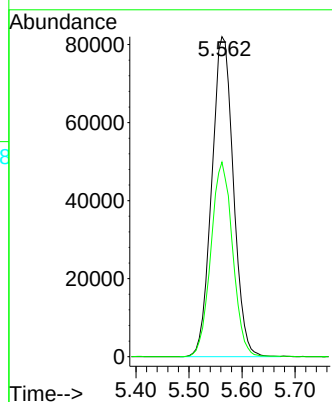
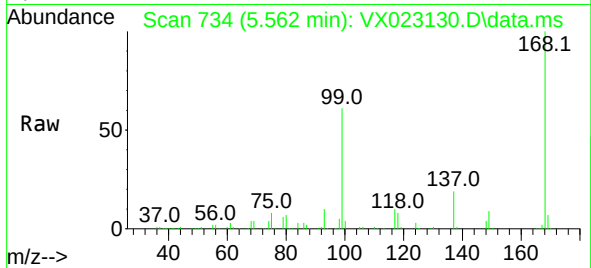




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

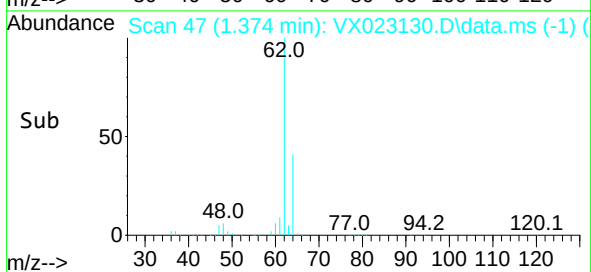
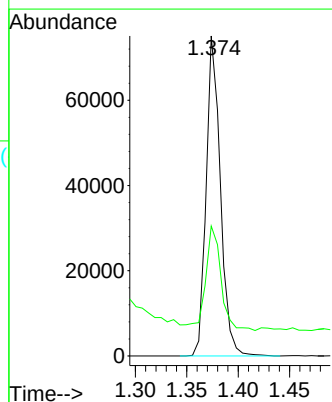
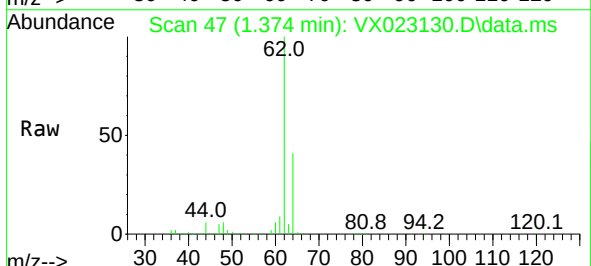
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-063021

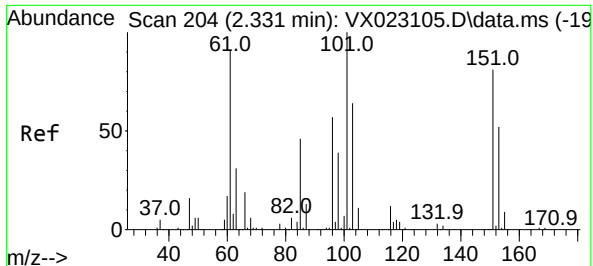
Tgt Ion:168 Resp: 232462
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#4
Vinyl Chloride
Concen: 32.886 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion: 62 Resp: 72599
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

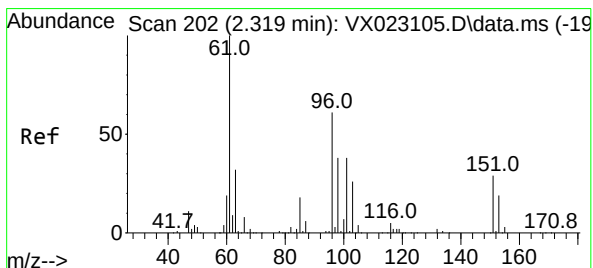
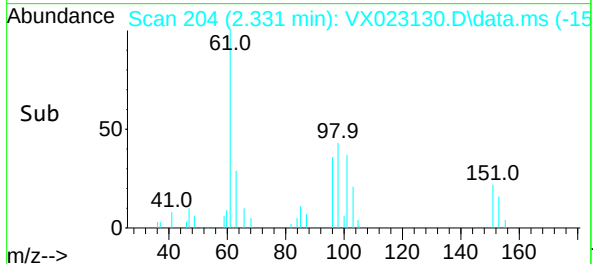
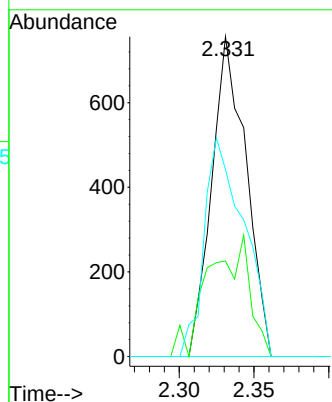
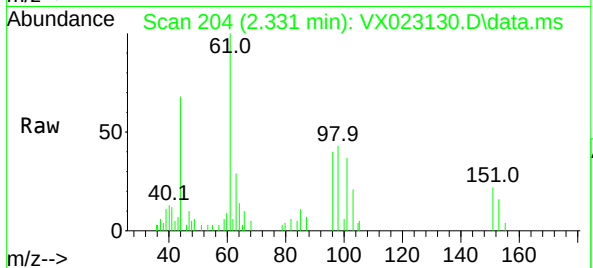




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.536 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

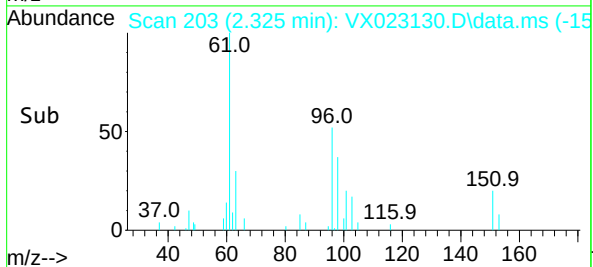
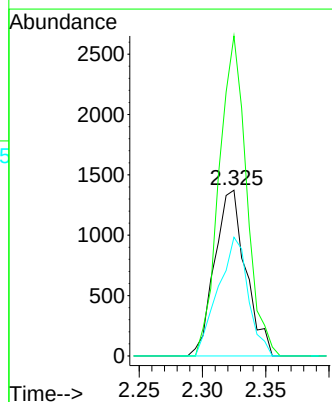
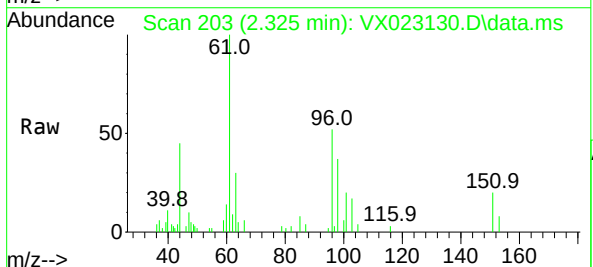
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-063021

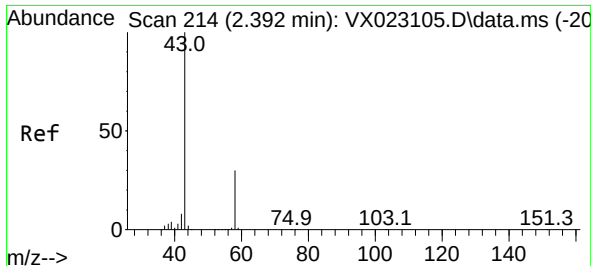
Tgt Ion:101 Resp: 1204
Ion Ratio Lower Upper
101 100
85 45.5 34.9 52.3
151 79.2 61.4 92.2



#12
1,1-Dichloroethene
Concen: 1.128 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion: 96 Resp: 2338
Ion Ratio Lower Upper
96 100
61 193.1 124.6 187.0#
98 71.6 50.6 76.0

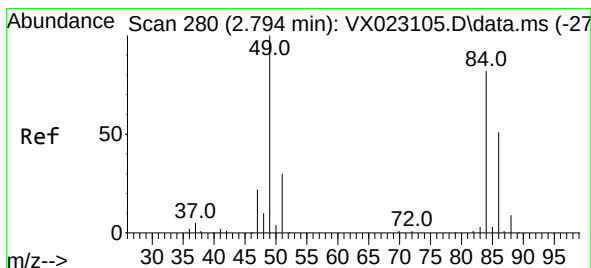
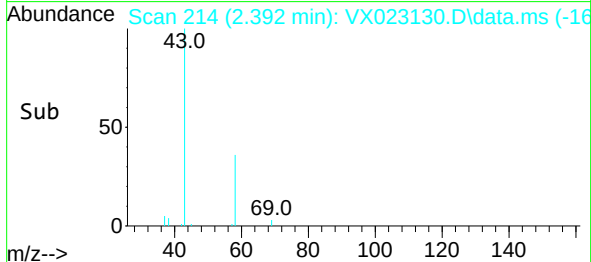
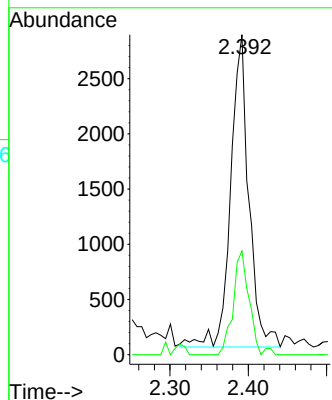
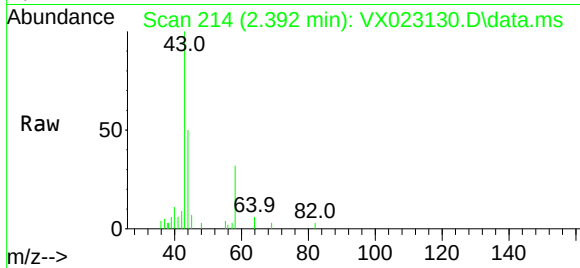




#16
Acetone
Concen: 3.701 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

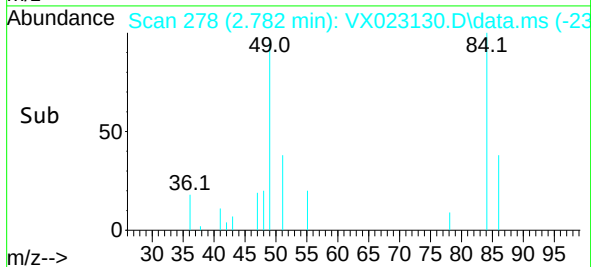
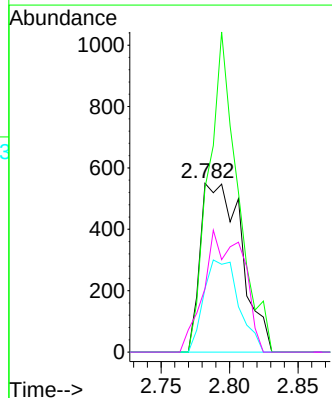
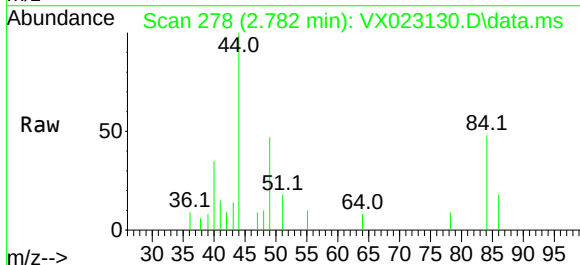
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-063021

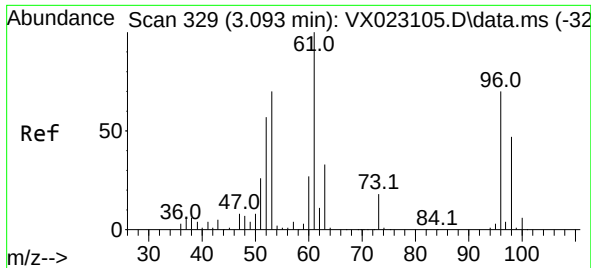
Tgt Ion: 43 Resp: 4575
Ion Ratio Lower Upper
43 100
58 33.3 27.8 41.8



#20
Methylene Chloride
Concen: 0.433 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion: 84 Resp: 1153
Ion Ratio Lower Upper
84 100
49 97.3 88.6 132.8
51 37.6 27.0 40.6
86 37.6 50.3 75.5#

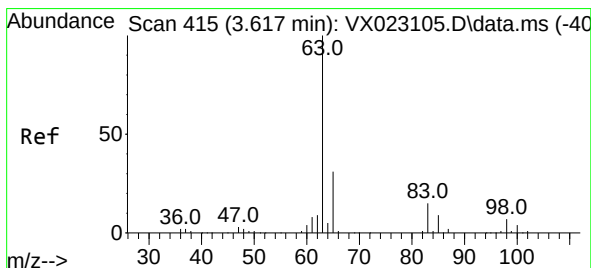
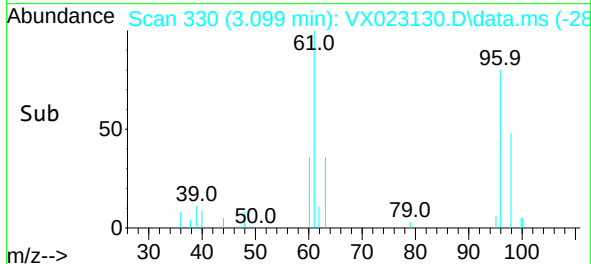
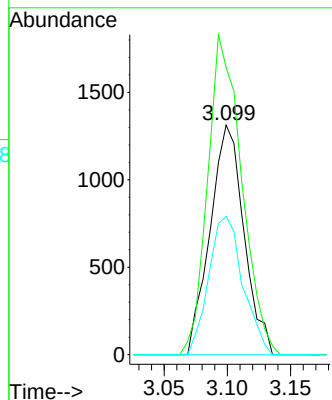
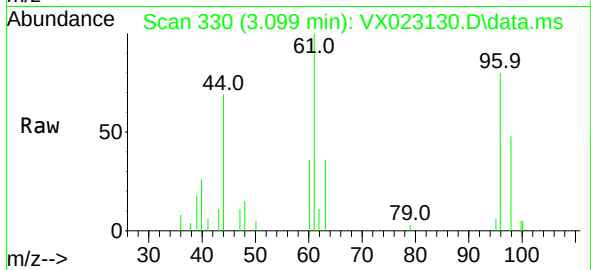




#21
trans-1,2-Dichloroethene
Concen: 1.093 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

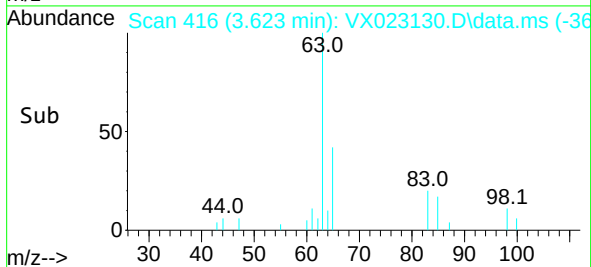
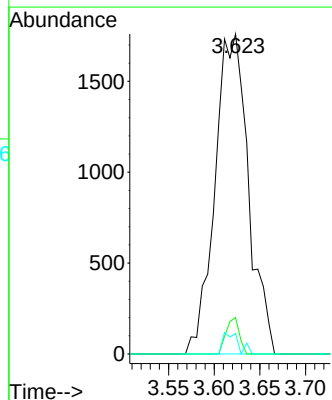
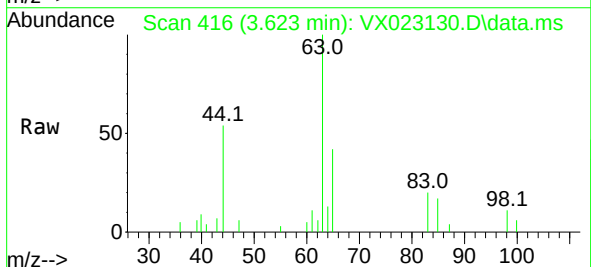
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-063021

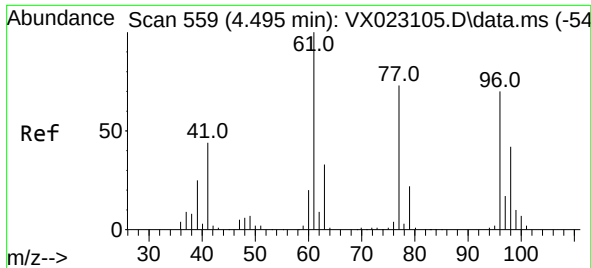
Tgt Ion: 96 Resp: 2447
Ion Ratio Lower Upper
96 100
61 125.1 107.7 161.5
98 60.2 50.4 75.6



#24
1,1-Dichloroethane
Concen: 1.047 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion: 63 Resp: 4491
Ion Ratio Lower Upper
63 100
98 11.4 3.8 11.2#
100 6.4 2.5 7.5

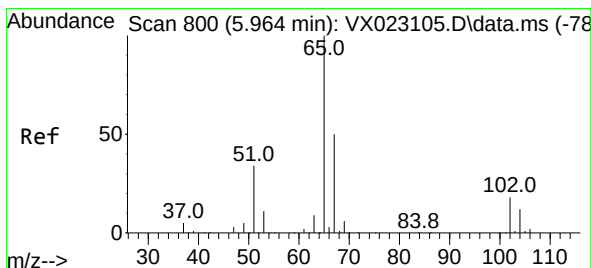
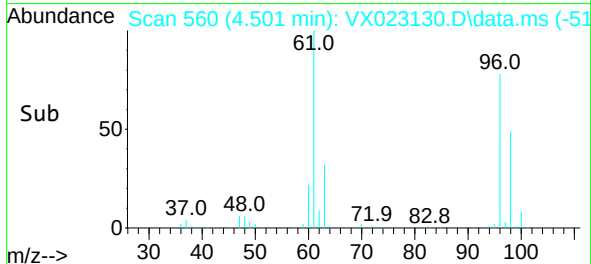
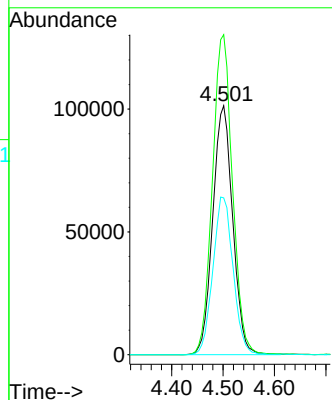
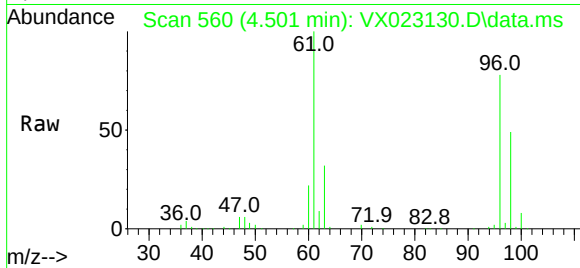




#27
cis-1,2-Dichloroethene
Concen: 101.059 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

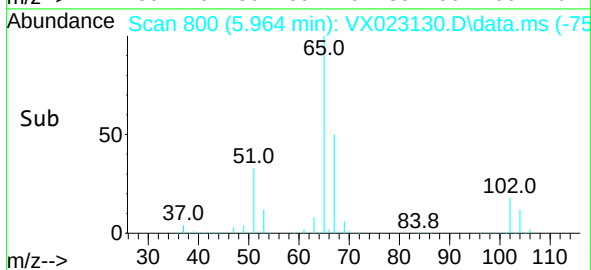
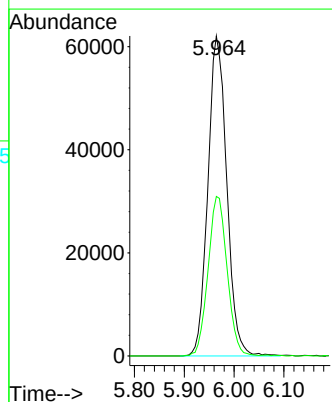
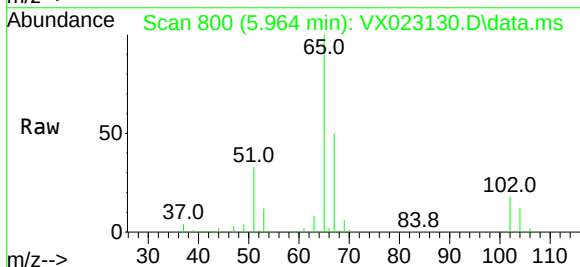
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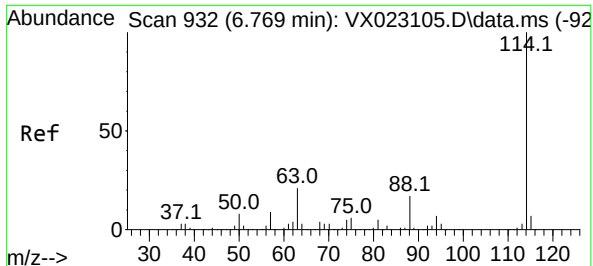
Tgt Ion: 96 Resp: 273940
Ion Ratio Lower Upper
96 100
61 129.0 0.0 285.6
98 64.0 0.0 129.6



#33
1,2-Dichloroethane-d4
Concen: 52.195 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion: 65 Resp: 163072
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

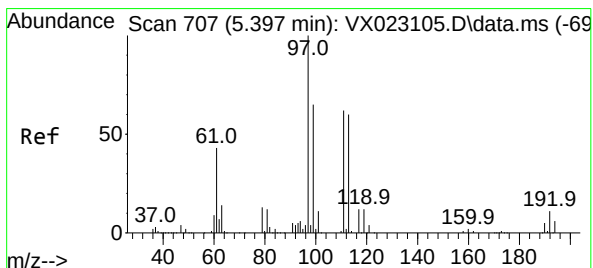
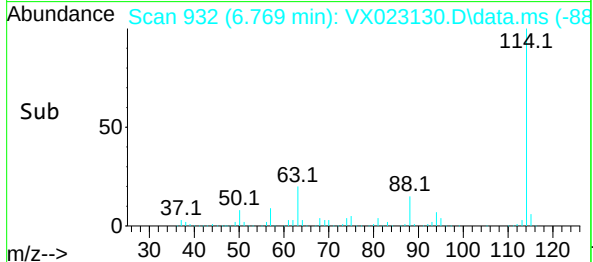
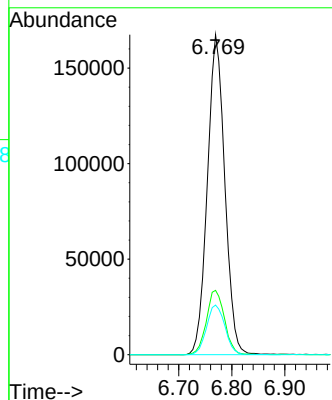
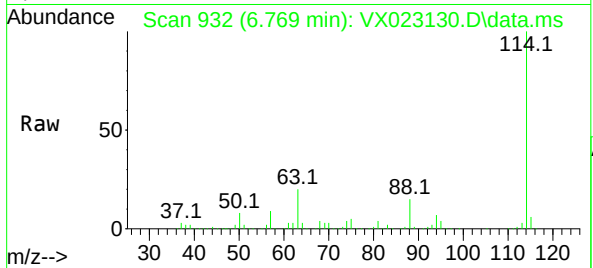




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

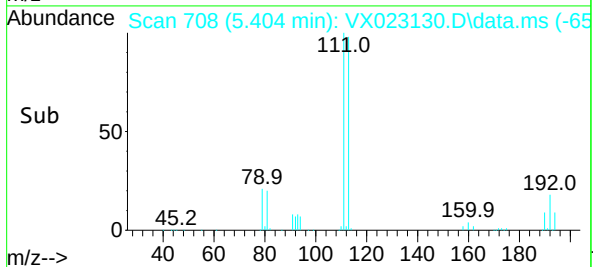
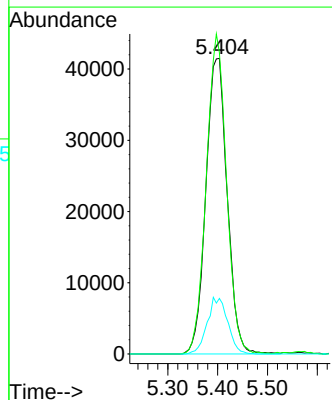
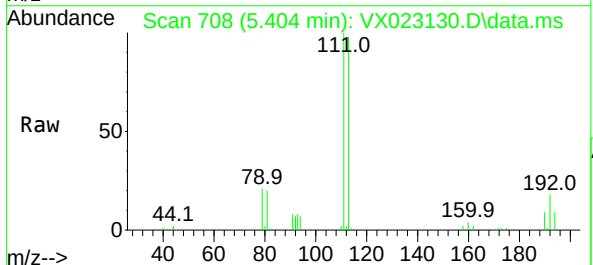
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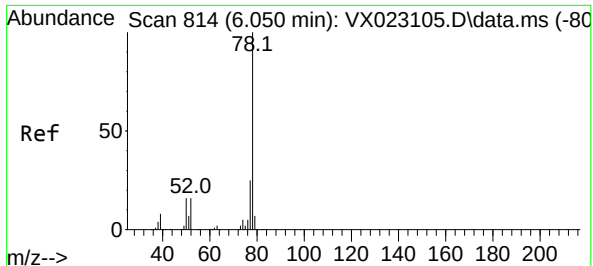
Tgt Ion:114 Resp: 382447
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.981 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.007 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion:113 Resp: 123437
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 18.4 16.7 25.1

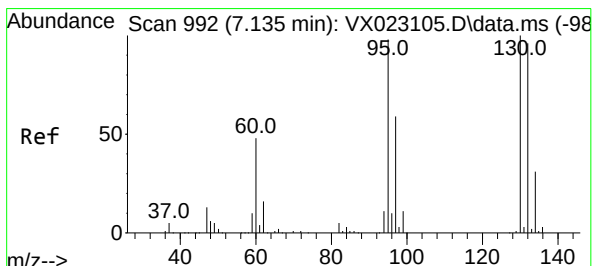
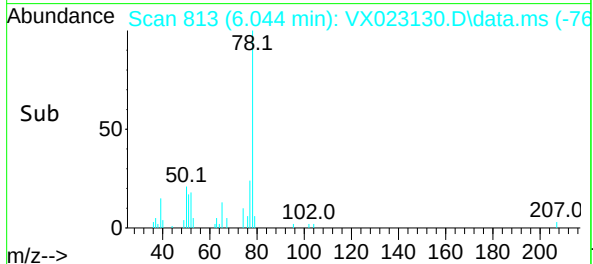
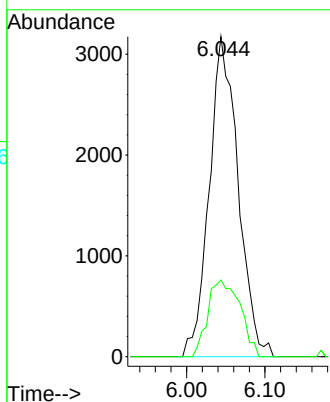
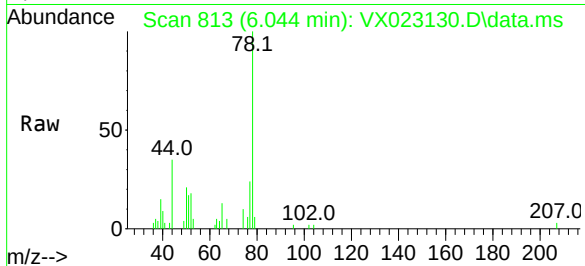




#40
Benzene
Concen: 0.821 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

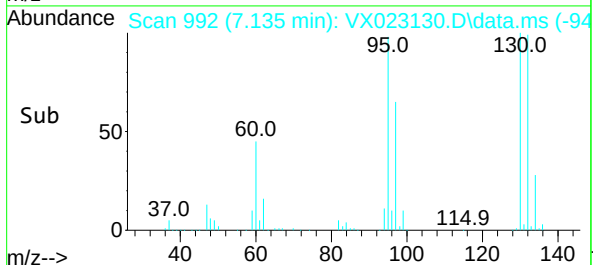
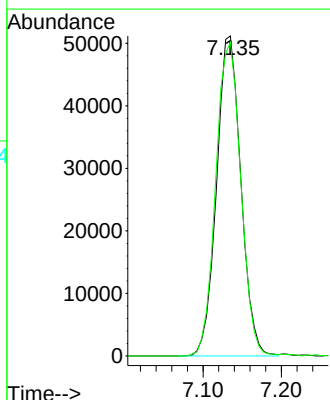
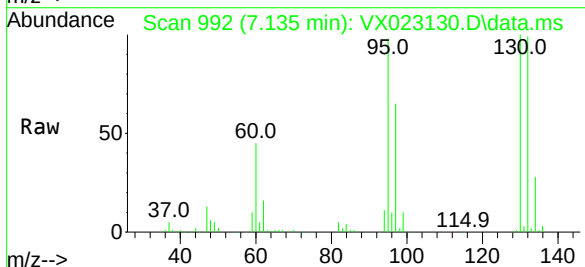
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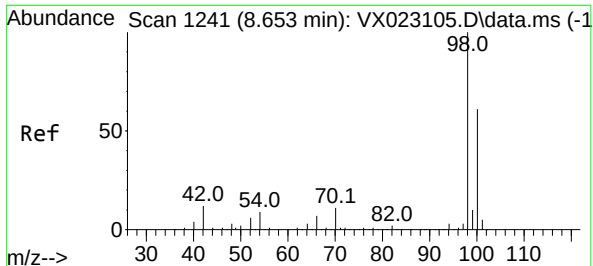
Tgt Ion: 78 Resp: 8127
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



#44
Trichloroethene
Concen: 39.304 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion:130 Resp: 110367
Ion Ratio Lower Upper
130 100
95 98.0 0.0 198.0

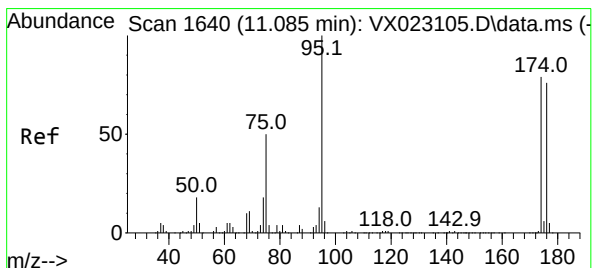
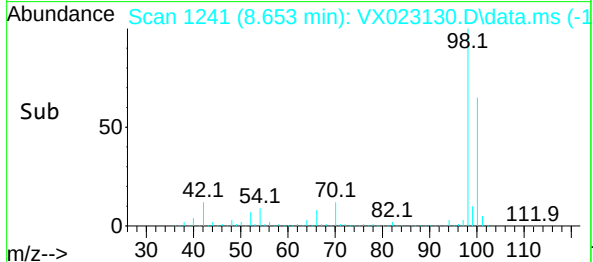
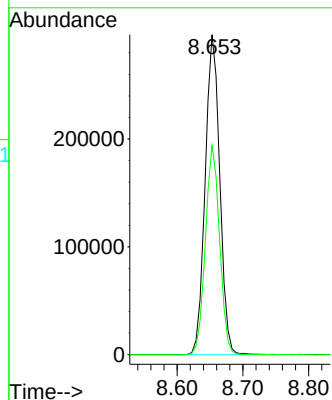
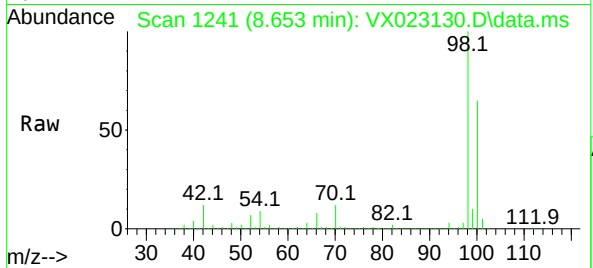




#50
Toluene-d8
Concen: 49.731 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

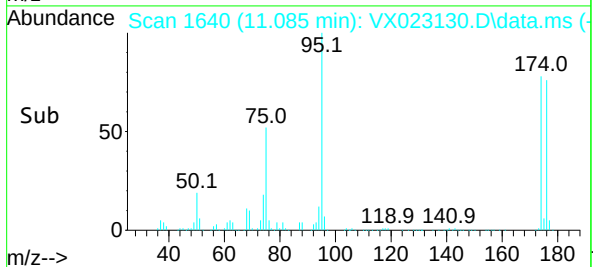
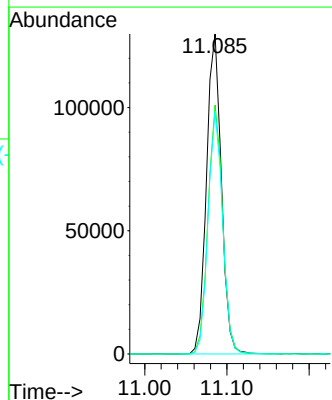
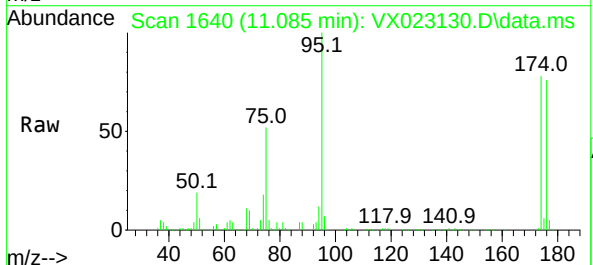
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-063021

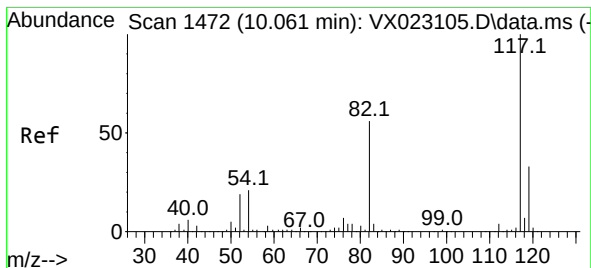
Tgt Ion: 98 Resp: 458147
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.851 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion: 95 Resp: 163070
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 74.2 0.0 155.8

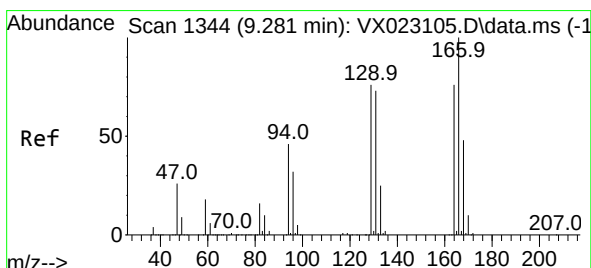
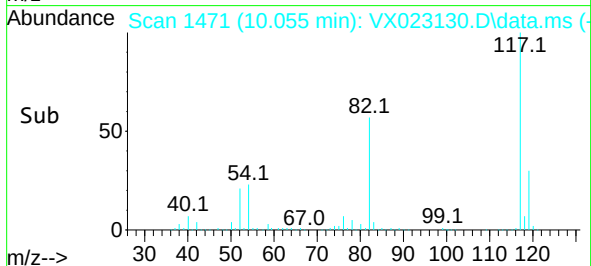
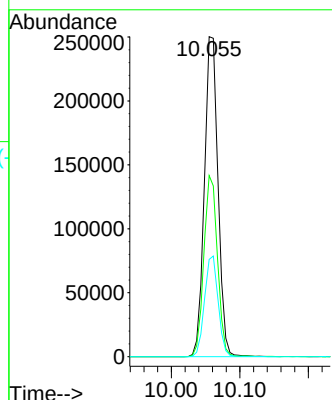
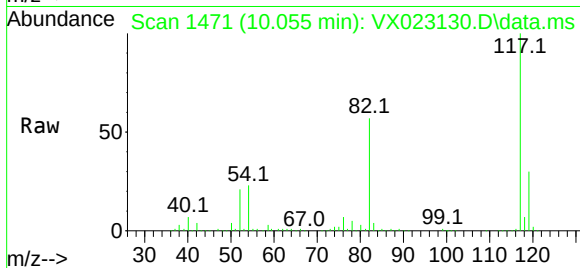




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

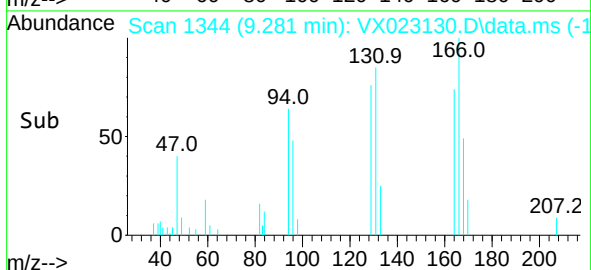
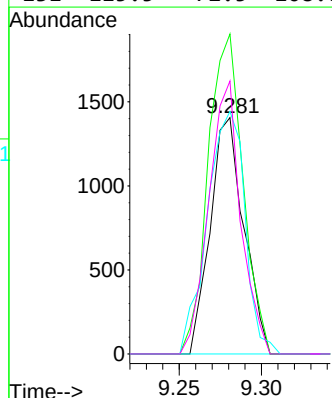
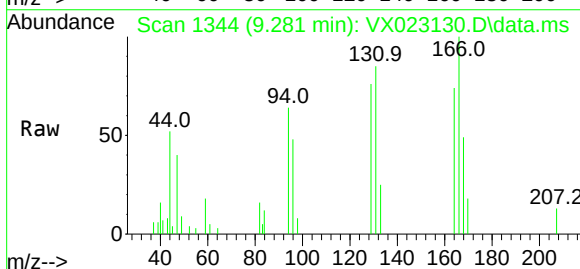
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-063021

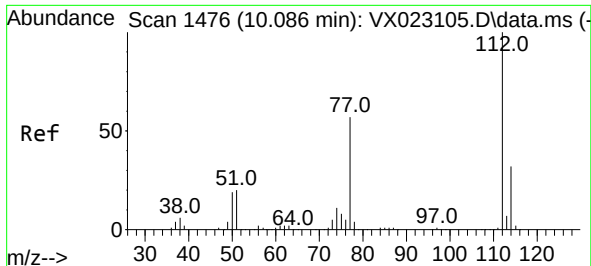
Tgt Ion:117 Resp: 347611
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 30.4 26.6 39.8



#64
Tetrachloroethene
Concen: 0.720 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion:164 Resp: 1995
Ion Ratio Lower Upper
164 100
166 135.4 103.4 155.2
129 102.6 70.8 106.2
131 115.5 72.5 108.7#

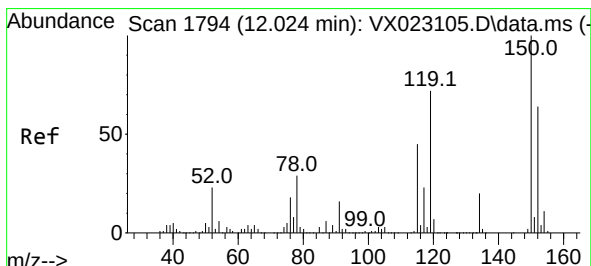
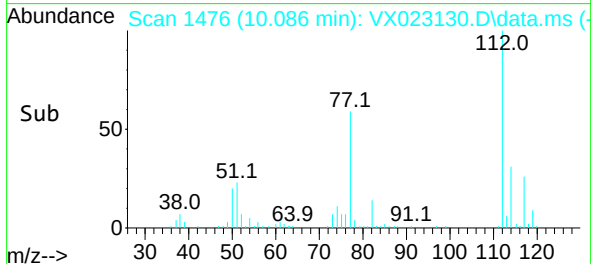
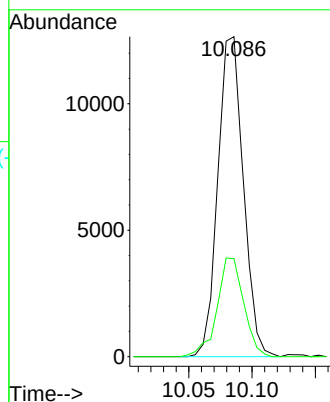
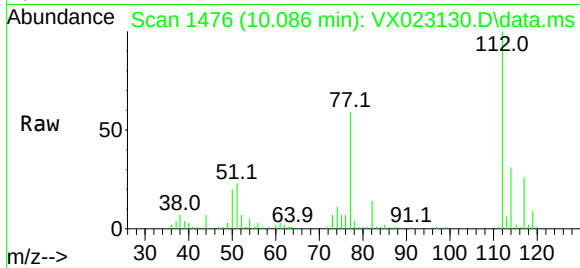




#65
Chlorobenzene
Concen: 2.578 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

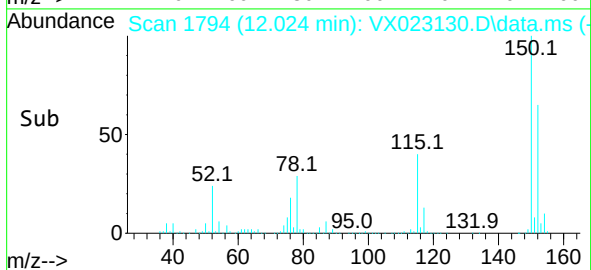
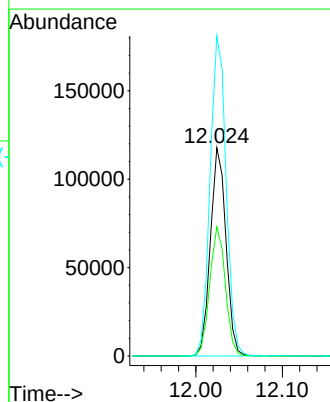
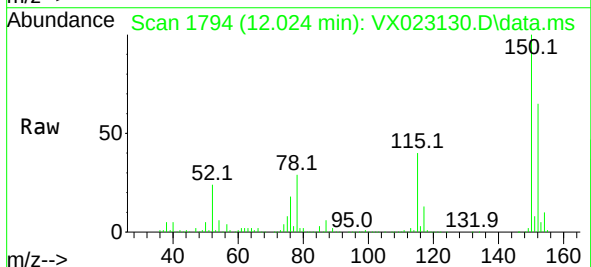
Instrument :
MSVOA_X
ClientSampleId :
MW-13A-063021

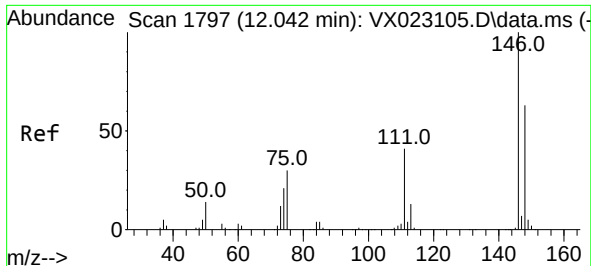
Tgt Ion:112 Resp: 17717
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion:152 Resp: 147349
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 157.7 0.0 349.0

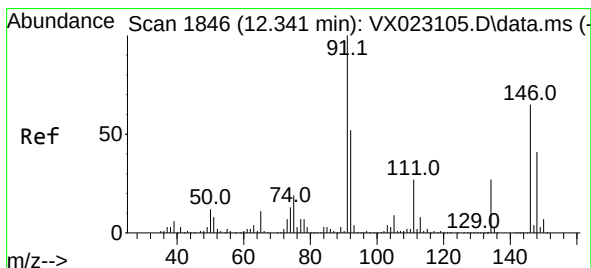
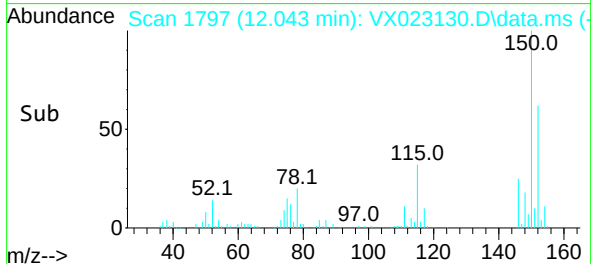
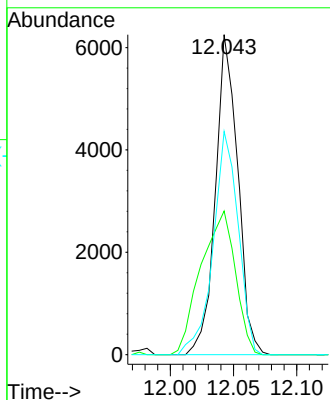
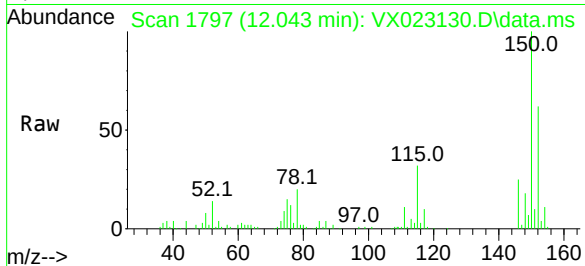




#88
1,4-Dichlorobenzene
Concen: 1.563 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Instrument :
MSVOA_X
ClientSampleId :
MW-13A-063021

Tgt Ion:146 Resp: 7660
Ion Ratio Lower Upper
146 100
111 69.5 19.6 58.8#
148 78.3 31.6 95.0



#91
1,2-Dichlorobenzene
Concen: 0.569 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX023130.D
Acq: 03 Jul 2021 00:12

Tgt Ion:146 Resp: 2755
Ion Ratio Lower Upper
146 100
111 39.0 20.8 62.2
148 62.5 31.9 95.5

