

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028081.D
 Acq On : 13 Apr 2022 10:31
 Operator : JC/MD
 Sample : VX0413WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBL01

Quant Time: Apr 14 04:02:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

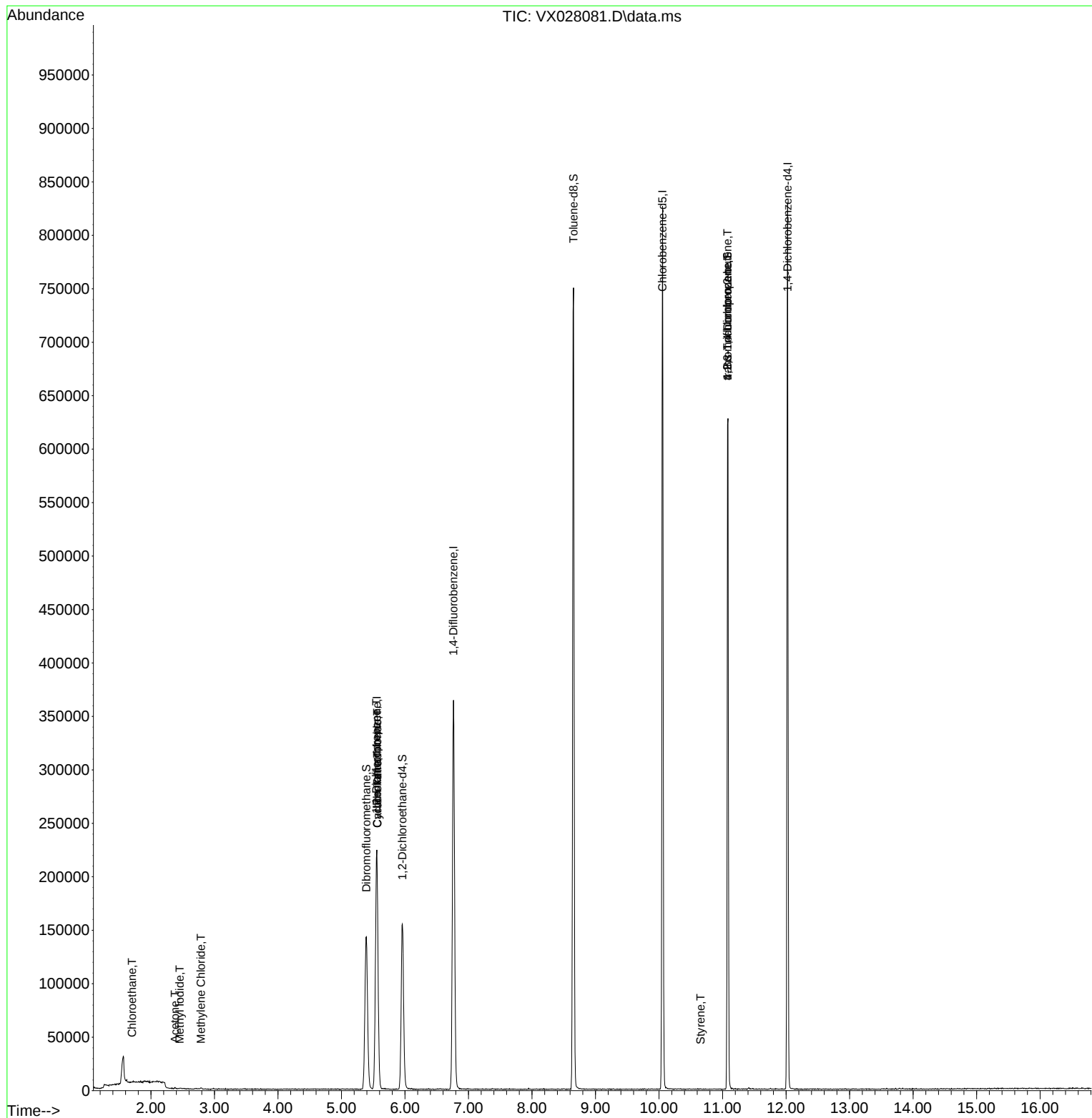
Internal Standards						
1) Pentafluorobenzene	5.556	168	214512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141093	48.482	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.960%
35) Dibromofluoromethane	5.391	113	121885	50.010	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.020%
50) Toluene-d8	8.653	98	451423	49.663	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	147694	43.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	845	Below Cal	#	70
6) Chloroethane	1.703	64	211	2.690	ug/l #	43
10) Methyl Iodide	2.453	142	639	0.254	ug/l #	91
13) Acrolein	2.215	56	214	Below Cal		93
16) Acetone	2.380	43	1343	1.108	ug/l #	74
20) Methylene Chloride	2.788	84	543	0.225	ug/l #	88
31) Cyclohexane	5.562	56	5194	1.298	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	16505	4.437	ug/l #	51
38) Carbon Tetrachloride	5.562	117	21275	5.357	ug/l #	15
70) Styrene	10.652	104	43	4.708	ug/l #	58
76) 1,2,3-Trichloropropane	11.079	75	83124	23.308	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	83124	65.648	ug/l #	15

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

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Instrument :
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ClientSampleId :
VX0413WBL01

Quant Time: Apr 14 04:02:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
Response via : Initial Calibration

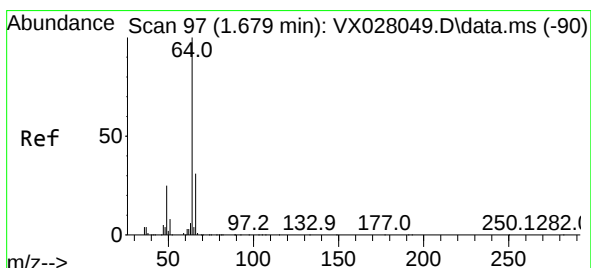
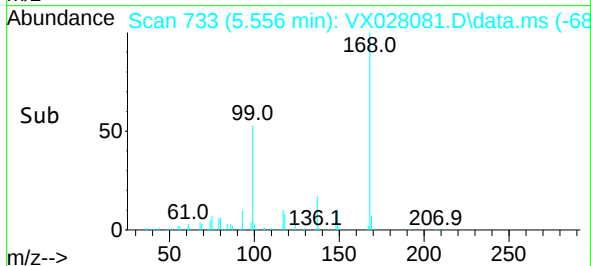
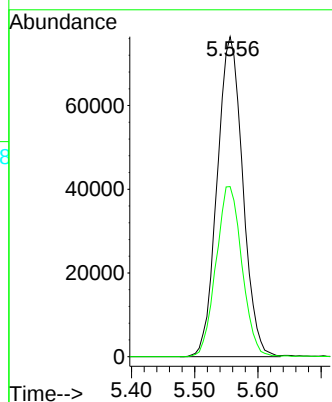
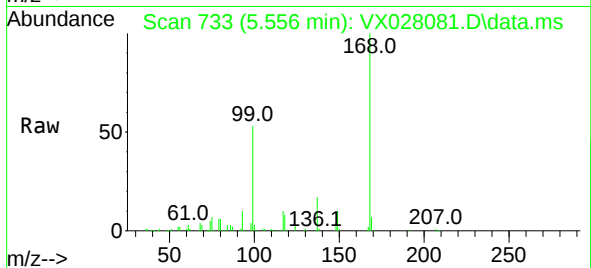




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

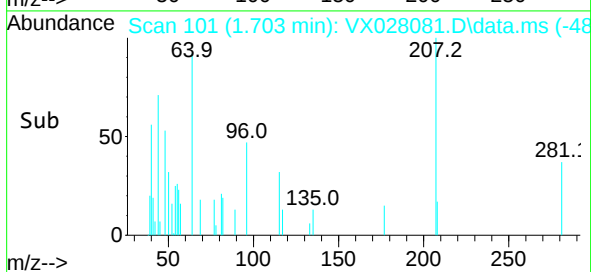
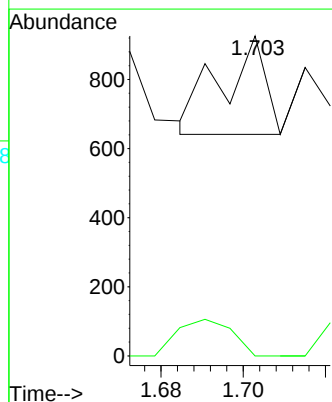
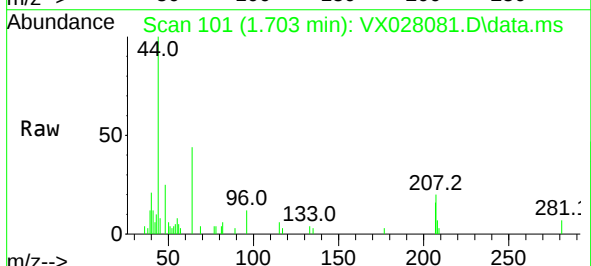
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBL01

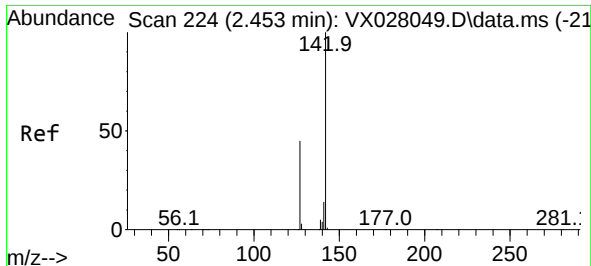
Tgt Ion:168 Resp: 214512
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#6
Chloroethane
Concen: 2.690 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

Tgt Ion: 64 Resp: 211
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

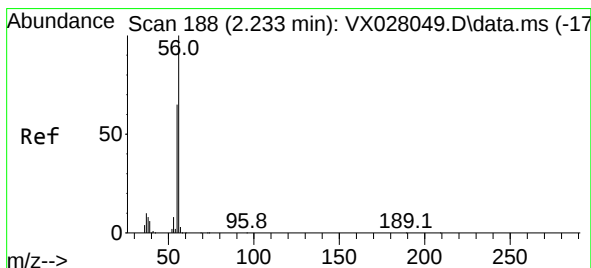
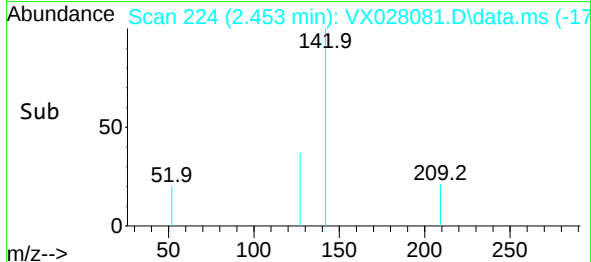
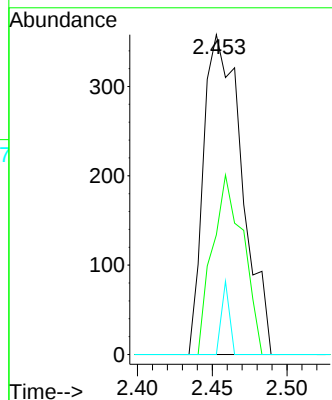
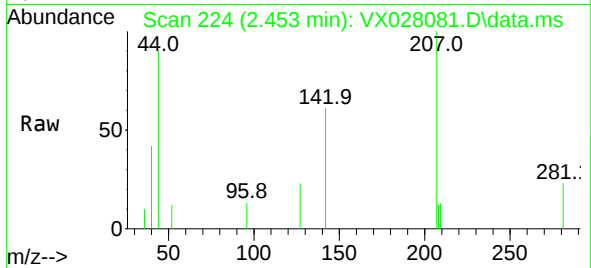




#10
Methyl Iodide
Concen: 0.254 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

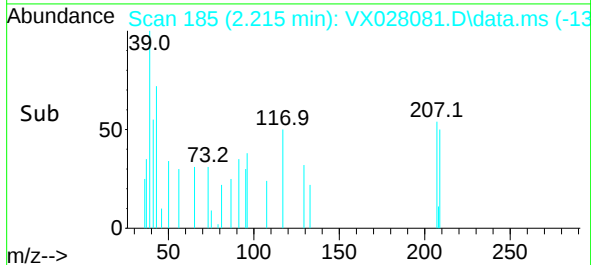
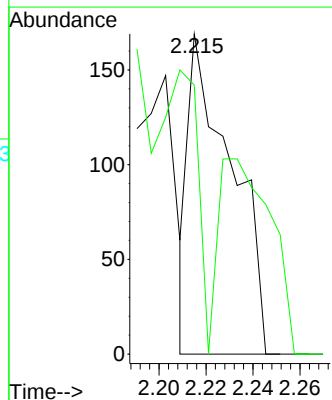
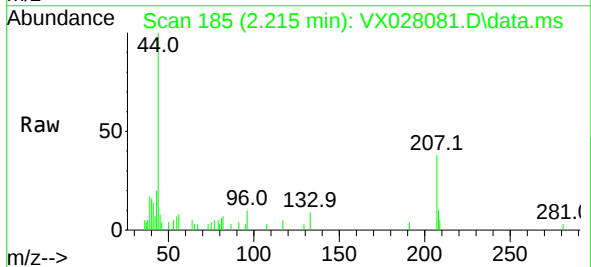
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBL01

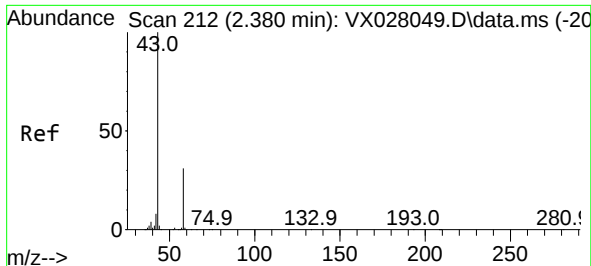
Tgt Ion:142 Resp: 639
Ion Ratio Lower Upper
142 100
127 44.8 33.9 50.9
141 4.7 11.4 17.2#



#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 74.8 55.0 82.6

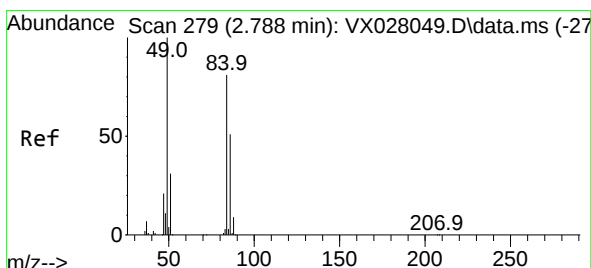
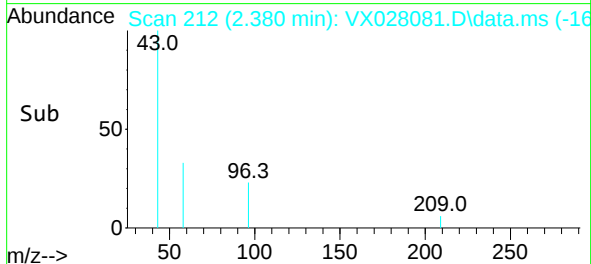
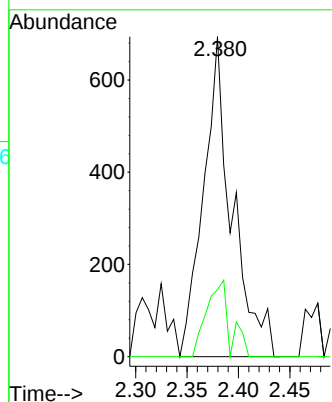
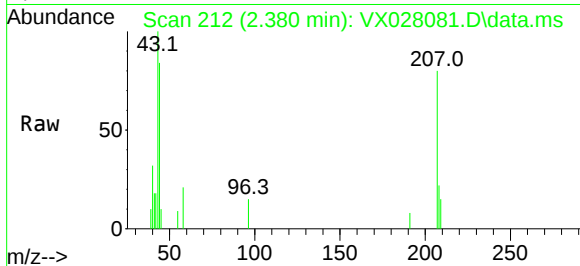




#16
 Acetone
 Concen: 1.108 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX028081.D
 Acq: 13 Apr 2022 10:31

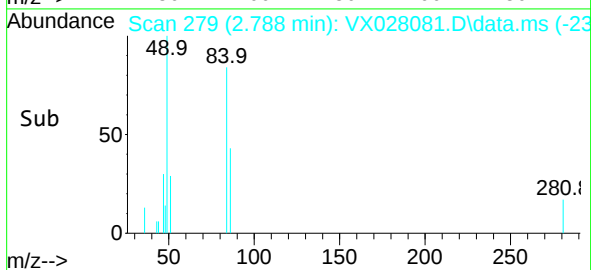
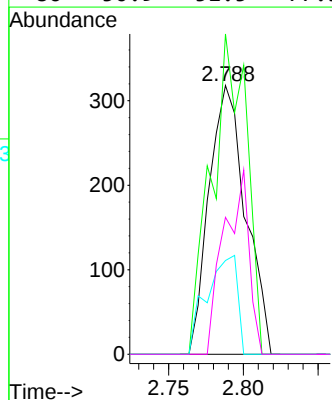
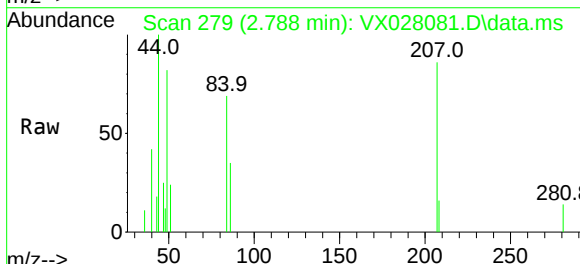
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBL01

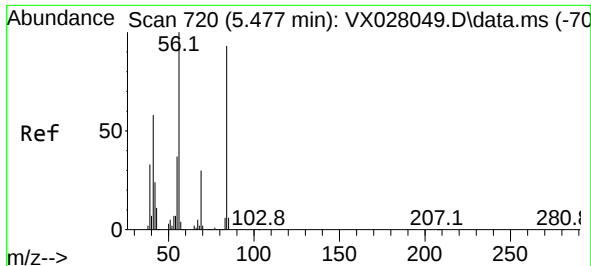
Tgt Ion: 43 Resp: 1343
 Ion Ratio Lower Upper
 43 100
 58 20.9 28.8 43.2#



#20
 Methylene Chloride
 Concen: 0.225 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX028081.D
 Acq: 13 Apr 2022 10:31

Tgt Ion: 84 Resp: 543
 Ion Ratio Lower Upper
 84 100
 49 119.2 85.5 128.3
 51 34.9 26.6 39.8
 86 50.9 51.5 77.3#

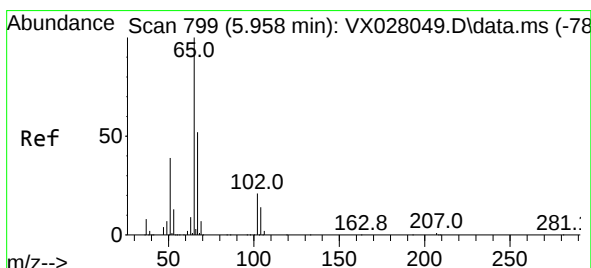
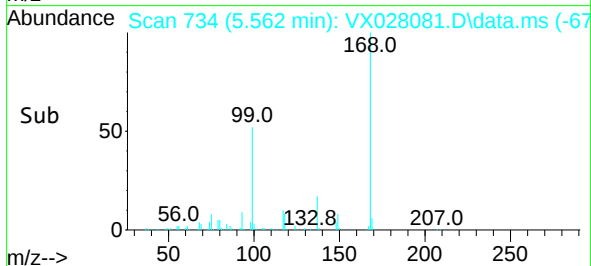
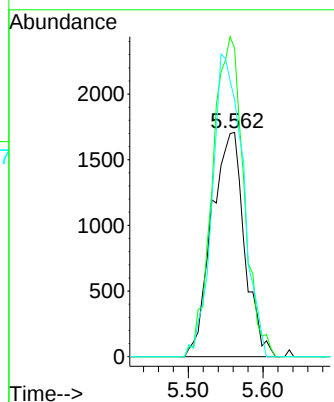
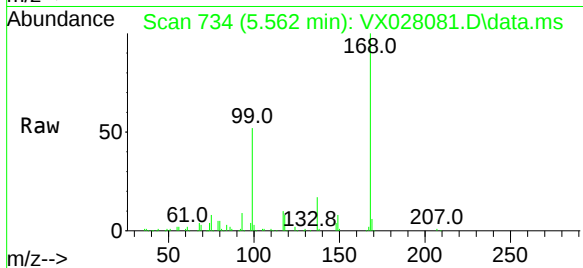




#31
Cyclohexane
Concen: 1.298 ug/l
RT: 5.562 min Scan# 713
Delta R.T. 0.085 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

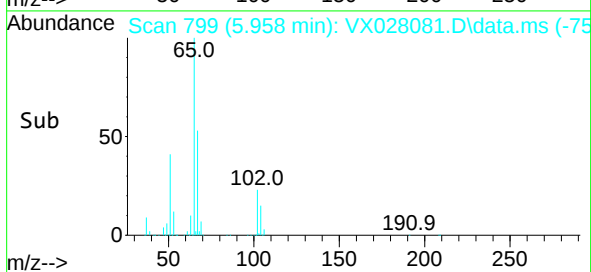
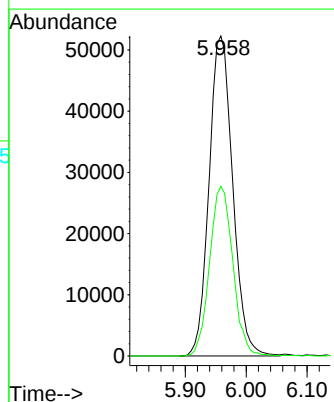
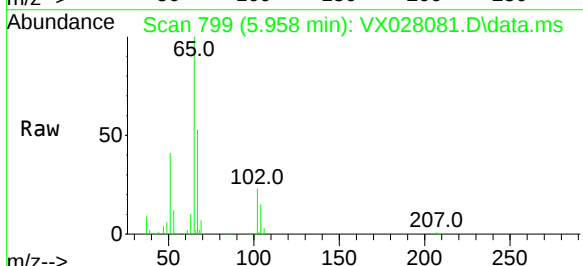
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBL01

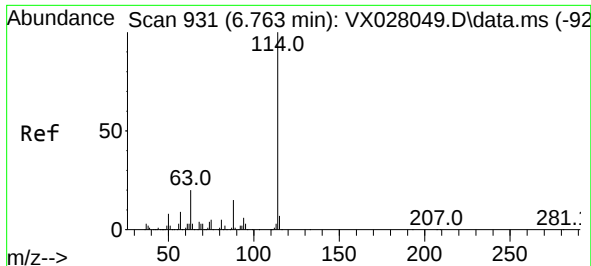
Tgt Ion: 56 Resp: 5194
Ion Ratio Lower Upper
56 100
69 137.5 26.7 40.1#
84 114.8 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 48.482 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

Tgt Ion: 65 Resp: 141093
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

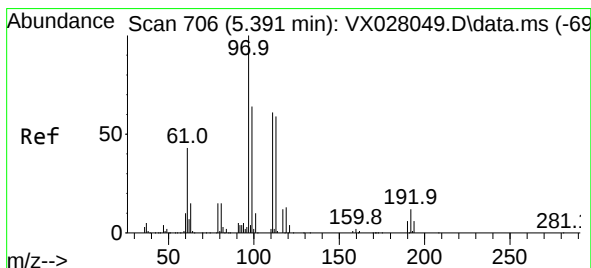
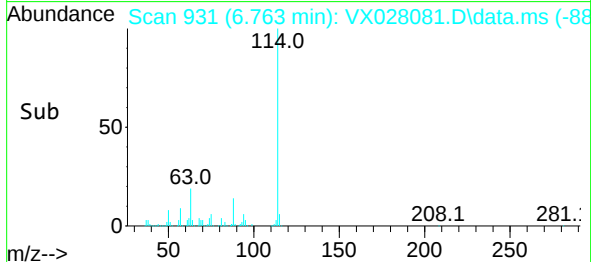
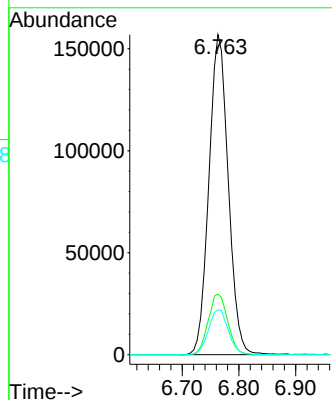
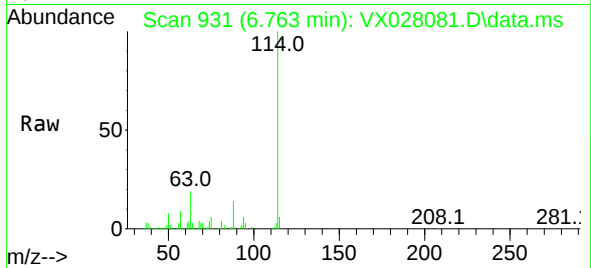




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

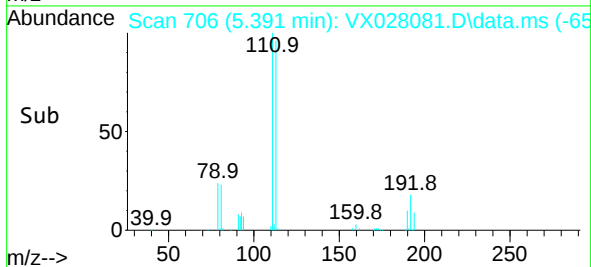
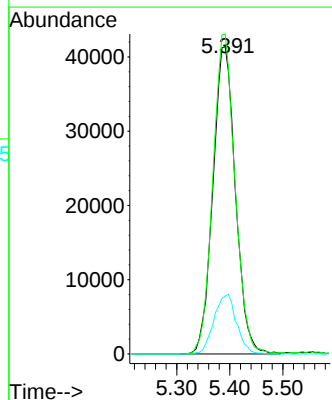
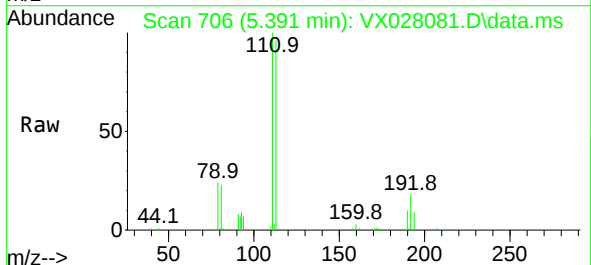
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBL01

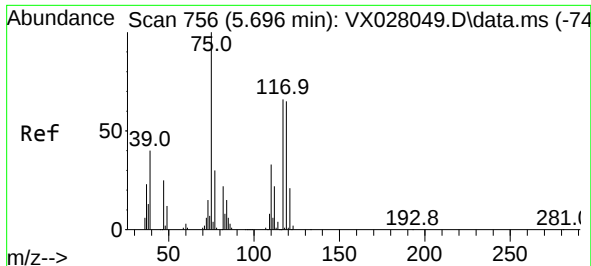
Tgt Ion:114 Resp: 371941
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 13.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.010 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

Tgt Ion:113 Resp: 121885
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.4 16.9 25.3

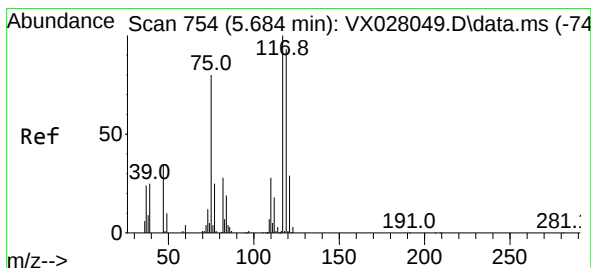
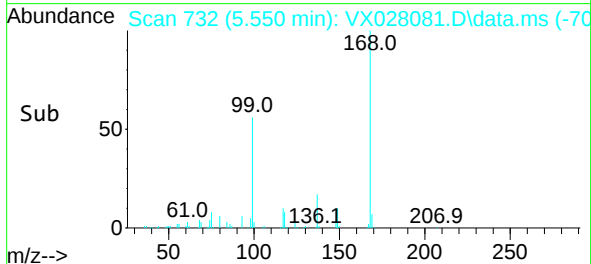
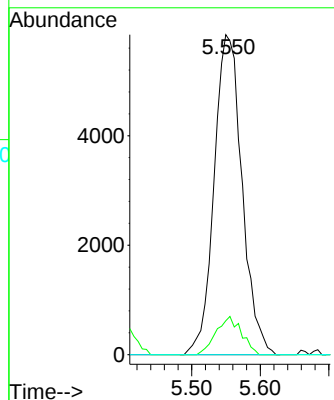
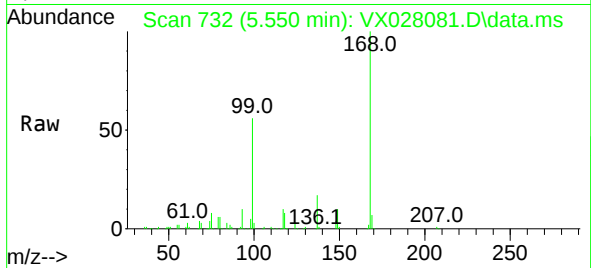




#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

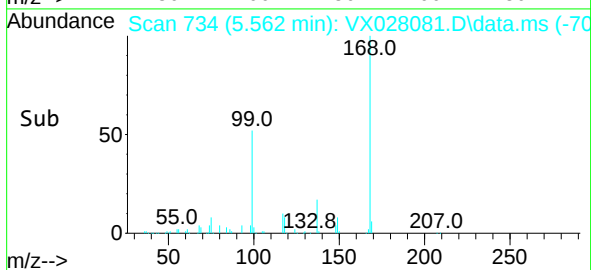
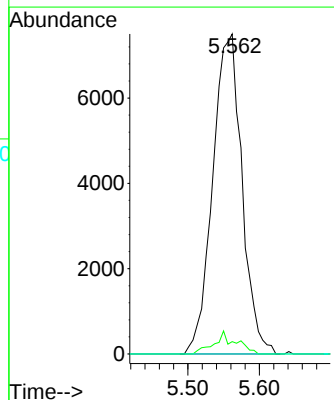
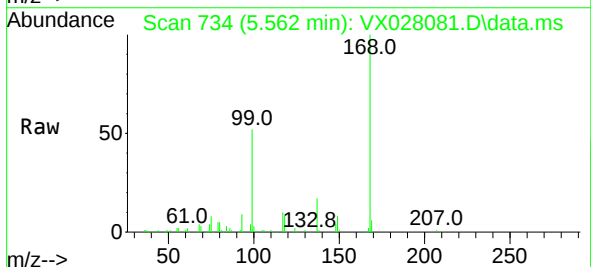
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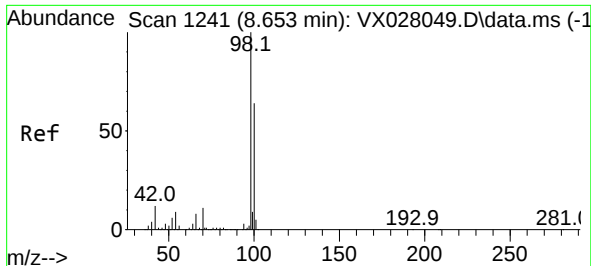
Tgt Ion: 75 Resp: 16505
Ion Ratio Lower Upper
75 100
110 10.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.357 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

Tgt Ion: 117 Resp: 21275
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#

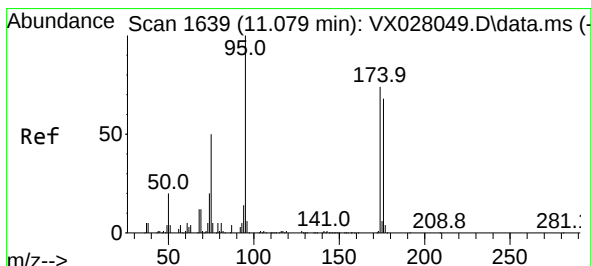
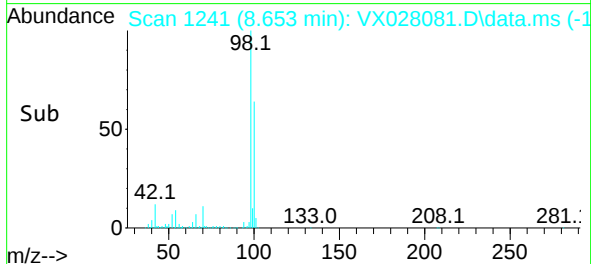
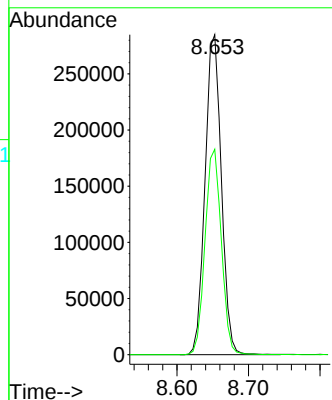
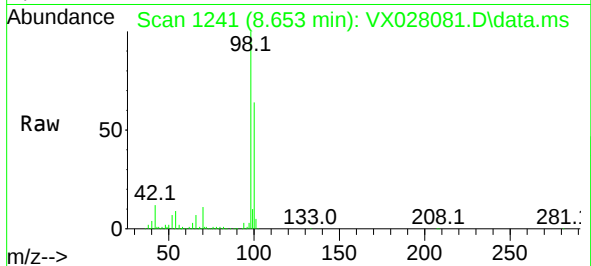




#50
Toluene-d8
Concen: 49.663 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

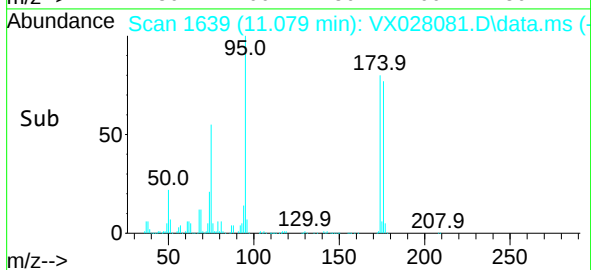
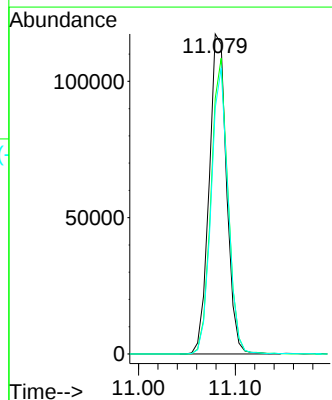
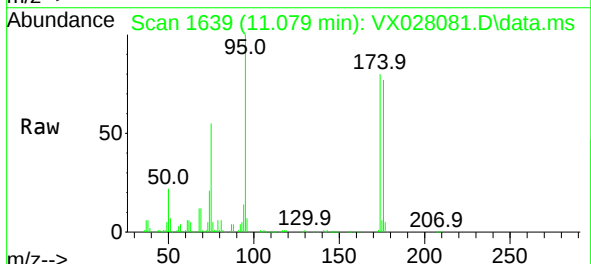
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBL01

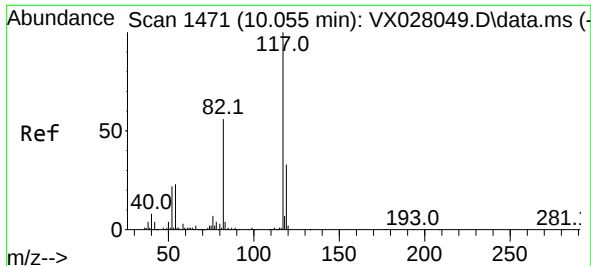
Tgt Ion: 98 Resp: 451423
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

Tgt Ion: 95 Resp: 147694
Ion Ratio Lower Upper
95 100
174 89.5 0.0 163.0
176 86.7 0.0 155.0

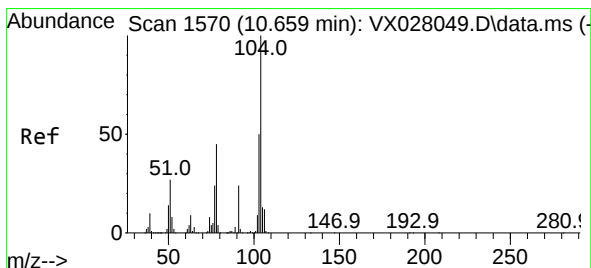
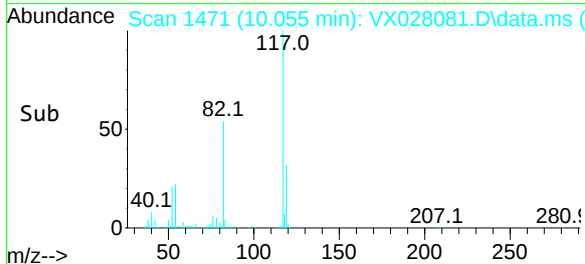
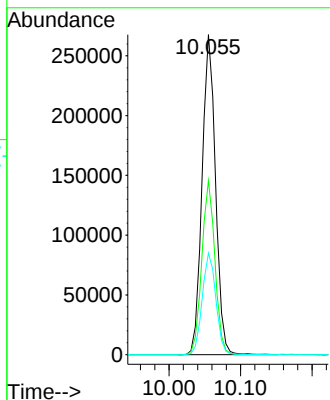
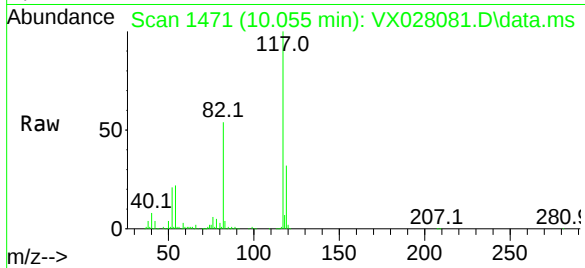




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

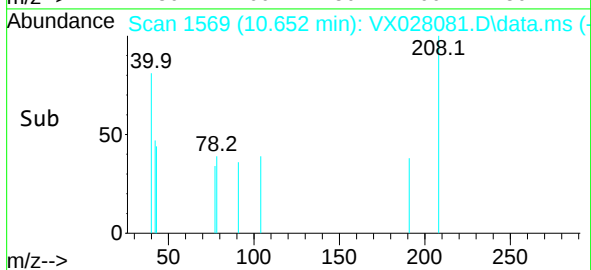
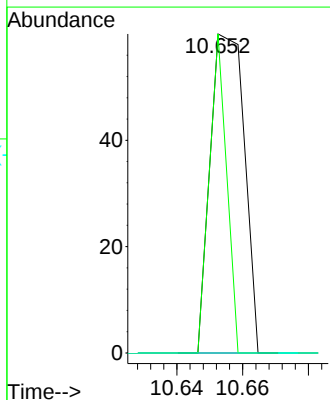
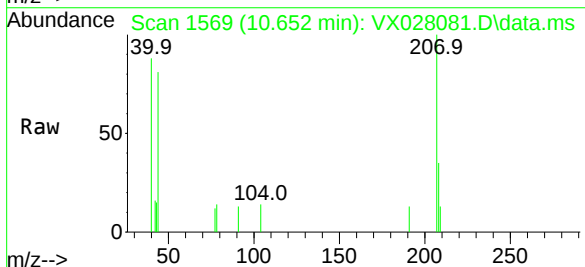
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBL01

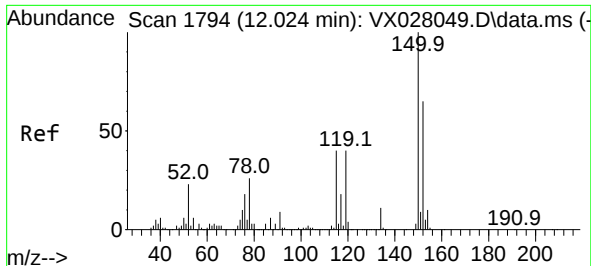
Tgt Ion:117 Resp: 349578
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 31.8 24.8 37.2



#70
Styrene
Concen: 4.708 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX028081.D
Acq: 13 Apr 2022 10:31

Tgt Ion:104 Resp: 43
Ion Ratio Lower Upper
104 100
78 51.2 38.6 57.8
103 0.0 43.8 65.8#

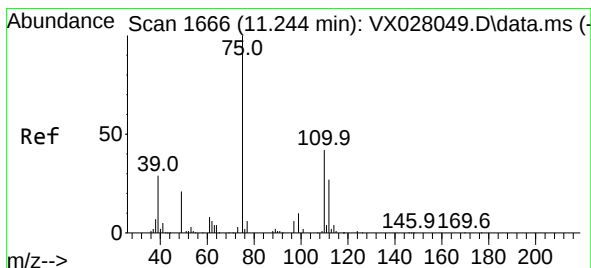
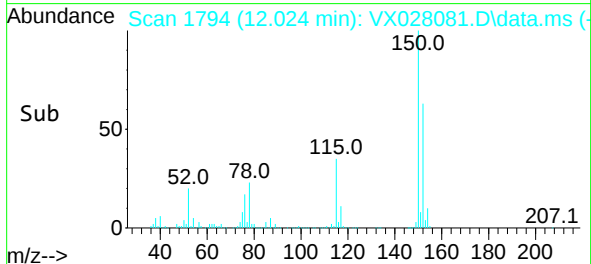
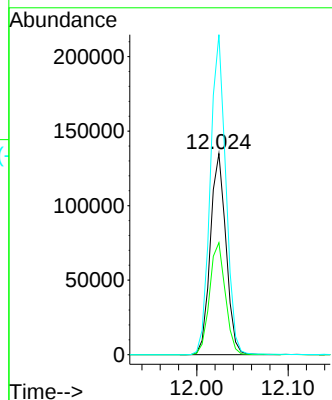
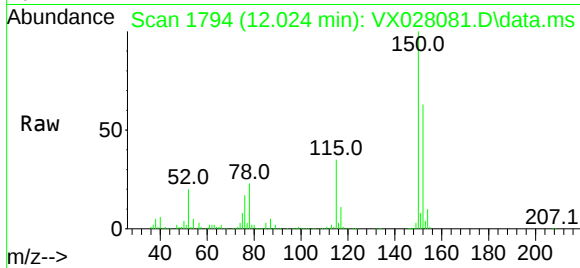




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028081.D
 Acq: 13 Apr 2022 10:31

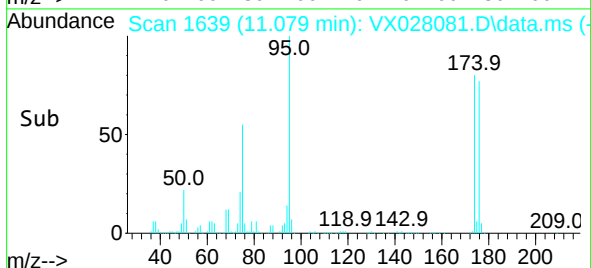
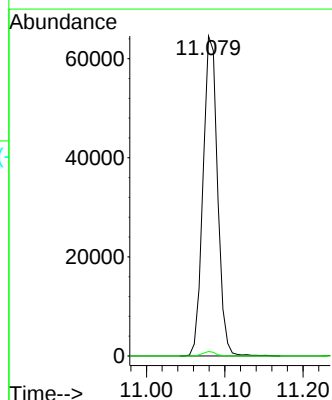
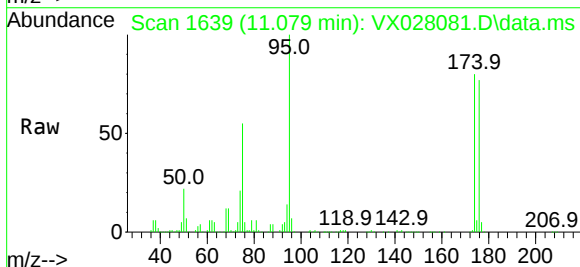
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBL01

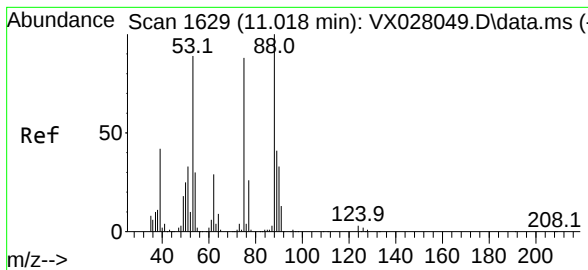
Tgt Ion:152 Resp: 160192
 Ion Ratio Lower Upper
 152 100
 115 56.1 37.5 112.7
 150 158.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.308 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028081.D
 Acq: 13 Apr 2022 10:31

Tgt Ion: 75 Resp: 83124
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.648 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028081.D
 Acq: 13 Apr 2022 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBL01

Tgt Ion: 75 Resp: 83124
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

