

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027658.D
 Acq On : 23 Mar 2022 11:05
 Operator : JC/MD
 Sample : VX0323WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBL01

Quant Time: Mar 23 17:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

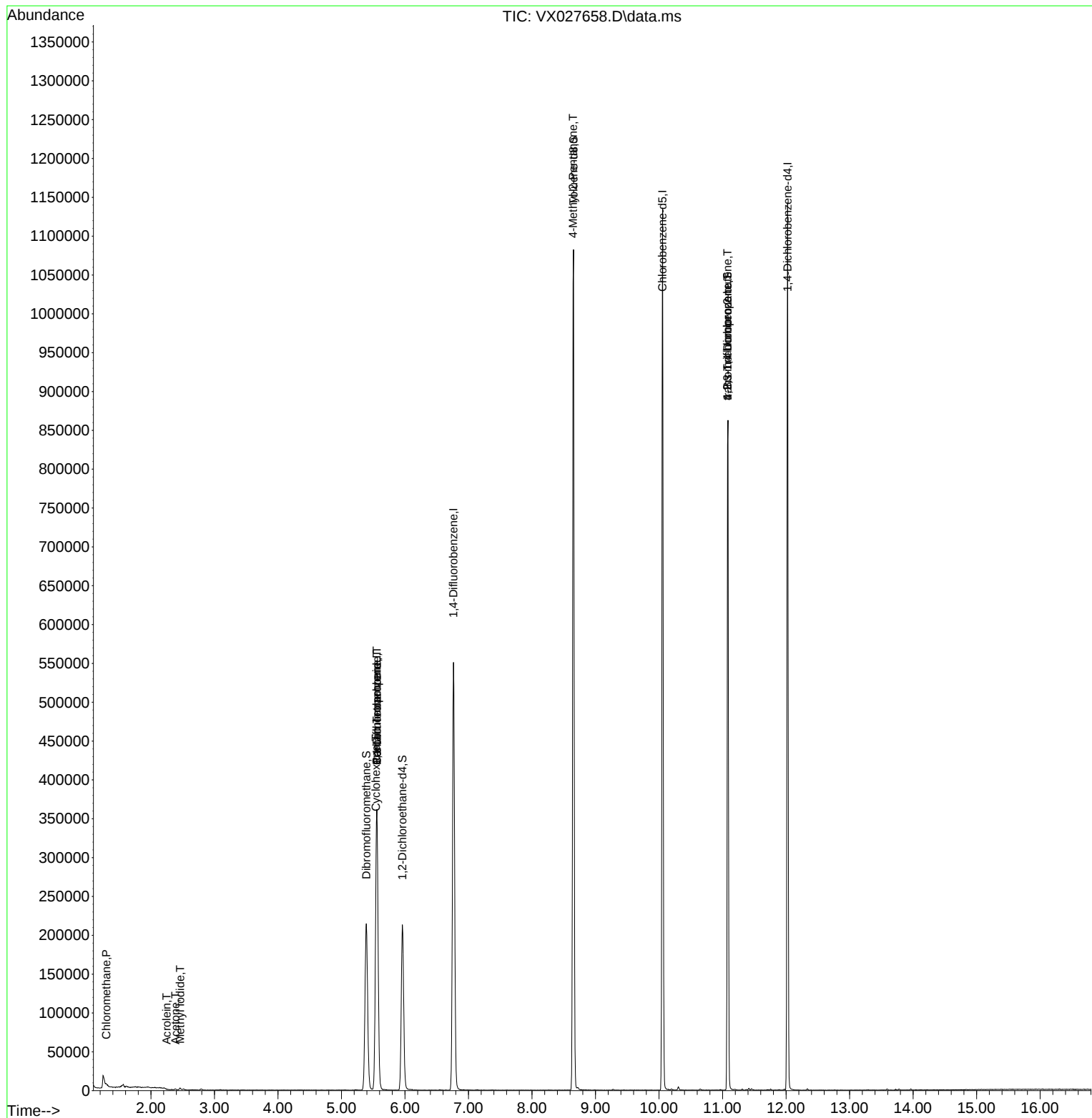
Internal Standards						
1) Pentafluorobenzene	5.556	168	360816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	584793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	518703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	244706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	211815	47.654	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.300%
35) Dibromofluoromethane	5.391	113	190492	50.630	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.260%
50) Toluene-d8	8.653	98	679962	47.758	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.520%
62) 4-Bromofluorobenzene	11.079	95	245363	46.887	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.780%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	742	0.241	ug/l	91
5) Bromomethane	1.611	94	1181	Below Cal		97
10) Methyl Iodide	2.459	142	2945	0.637	ug/l	94
13) Acrolein	2.245	56	148	0.225	ug/l #	15
16) Acetone	2.386	43	1252	0.691	ug/l	92
31) Cyclohexane	5.544	56	6353	1.151	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	24400	4.746	ug/l #	50
38) Carbon Tetrachloride	5.556	117	36257	6.164	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2621	0.498	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.269	63	40	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.079	75	113189	22.114	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	113189	67.161	ug/l #	15

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

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Instrument :
MSVOA_X
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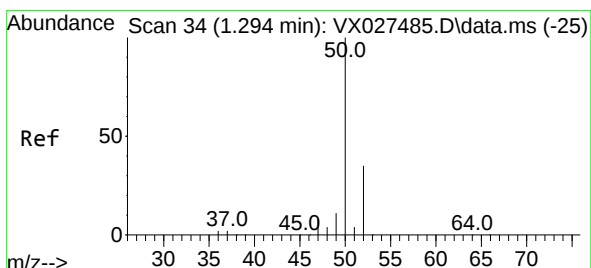
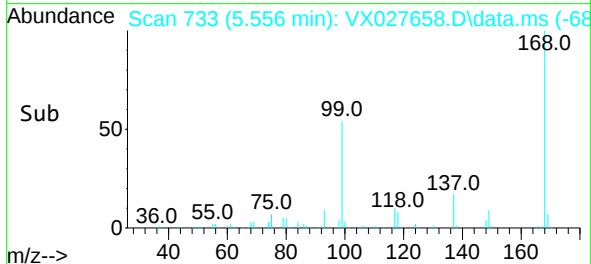
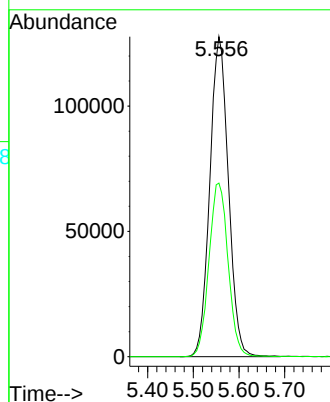
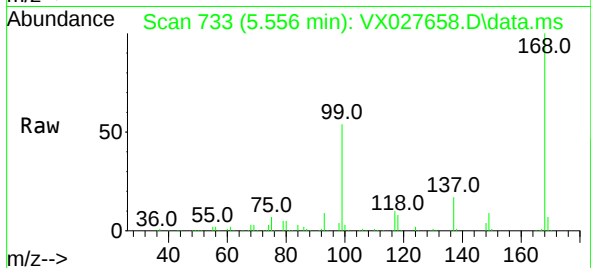




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

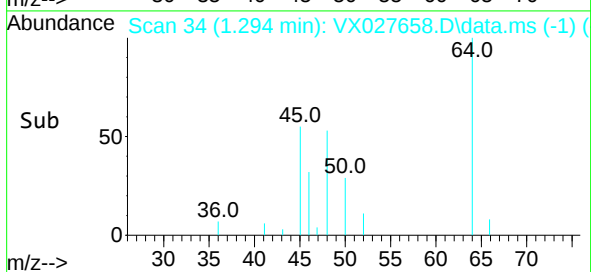
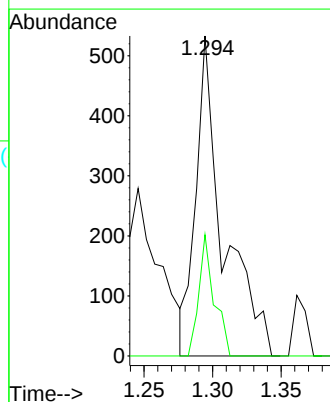
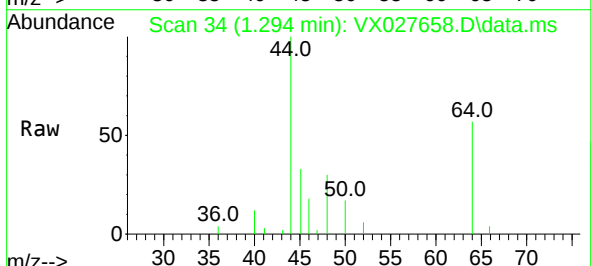
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

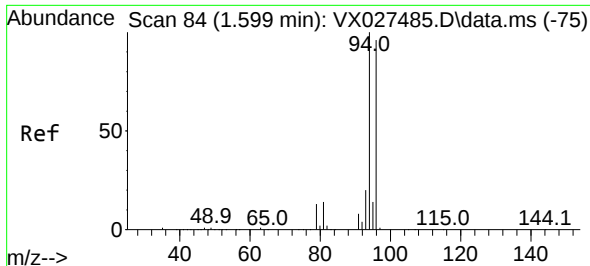
Tgt Ion:168 Resp: 360816
Ion Ratio Lower Upper
168 100
99 54.2 41.7 62.5



#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Tgt Ion: 50 Resp: 742
Ion Ratio Lower Upper
50 100
52 37.9 26.4 39.6

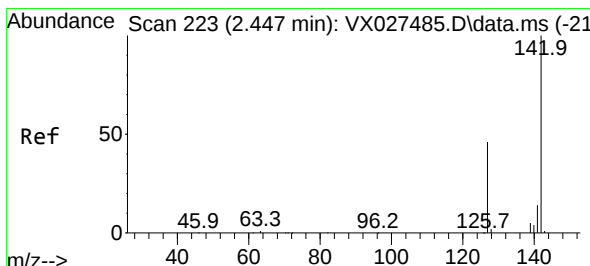
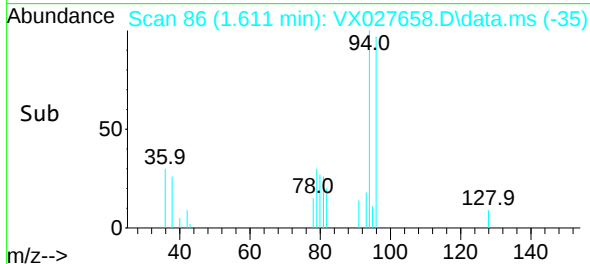
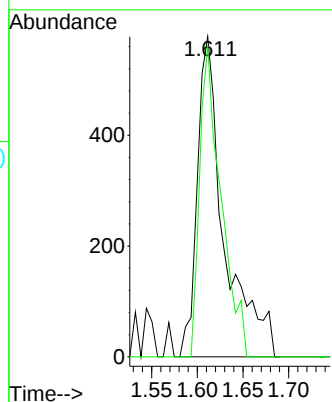
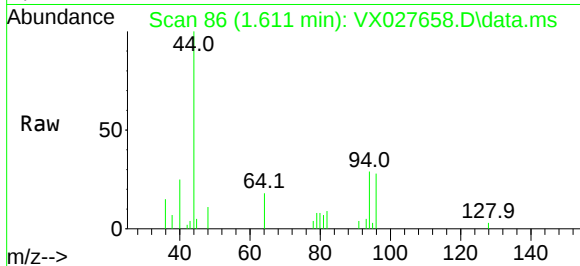




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

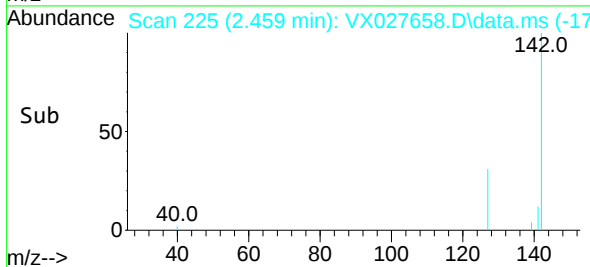
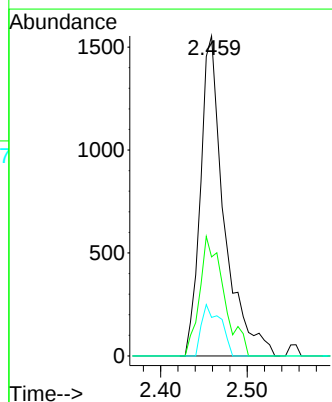
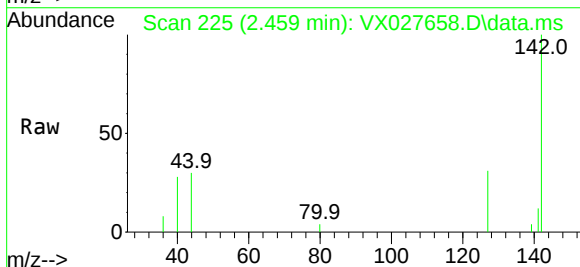
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

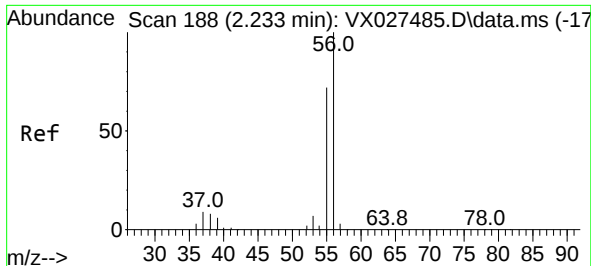
Tgt Ion: 94 Resp: 1181
Ion Ratio Lower Upper
94 100
96 97.2 75.3 112.9



#10
Methyl Iodide
Concen: 0.637 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Tgt Ion: 142 Resp: 2945
Ion Ratio Lower Upper
142 100
127 38.3 33.9 50.9
141 12.9 11.4 17.2

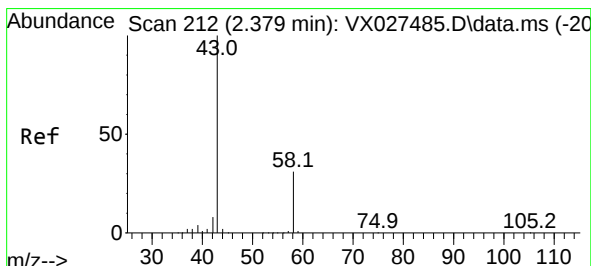
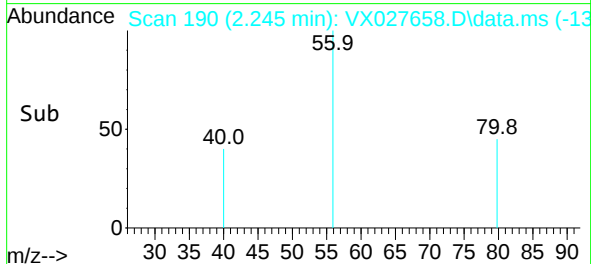
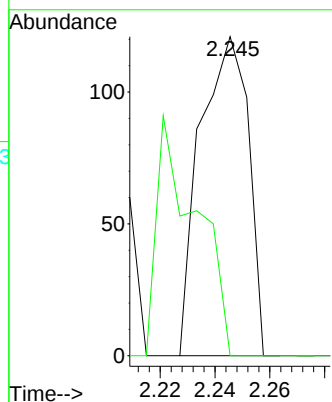
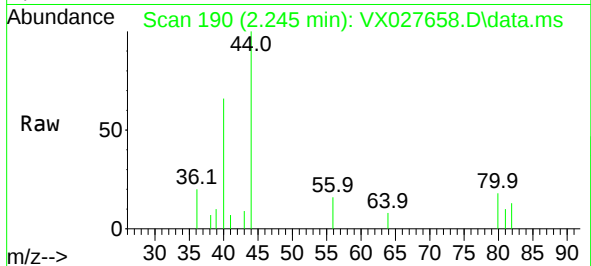




#13
Acrolein
Concen: 0.225 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

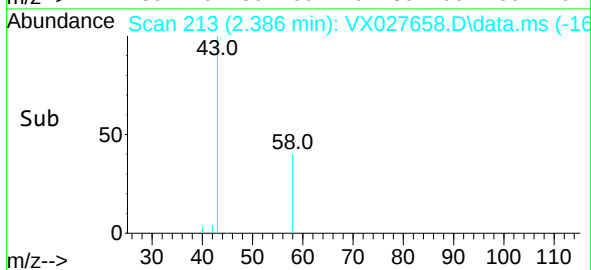
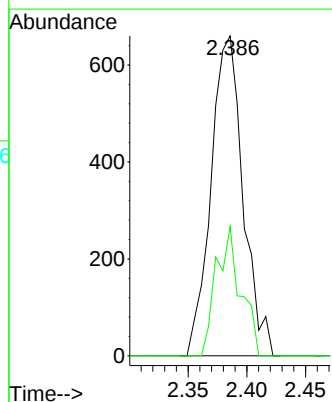
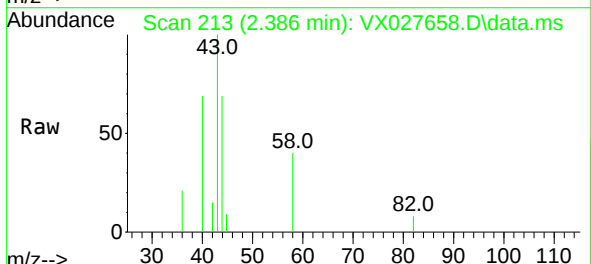
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

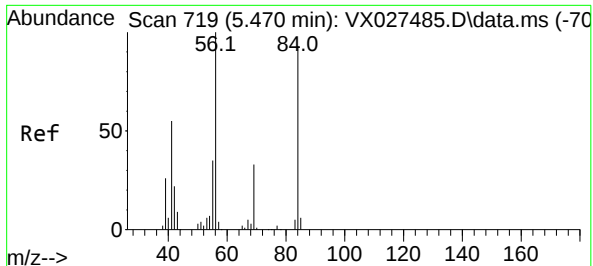
Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#16
Acetone
Concen: 0.691 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

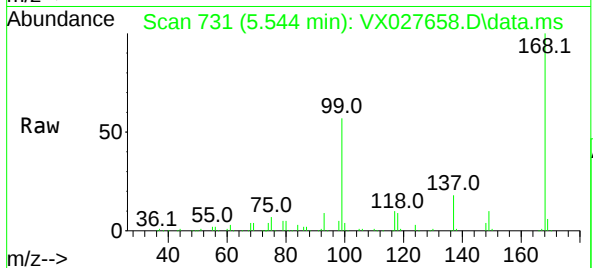
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
58 40.5 28.8 43.2



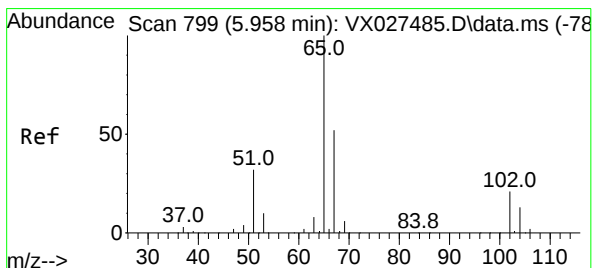
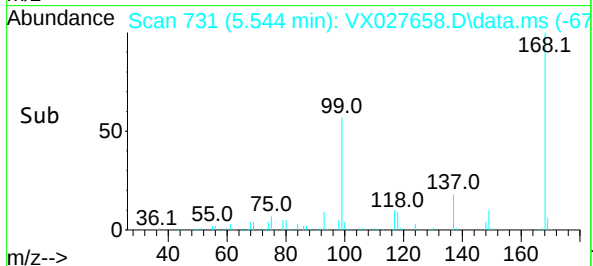
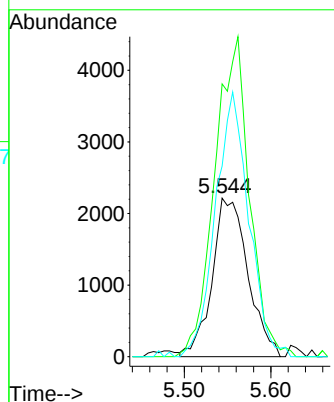


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

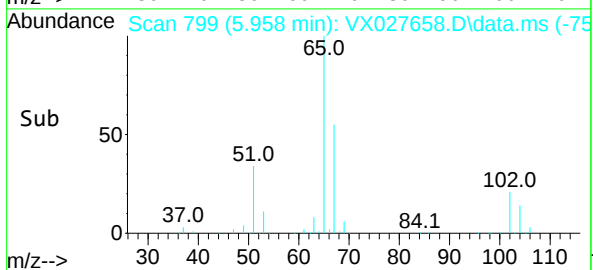
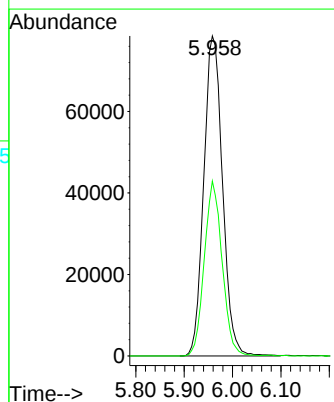
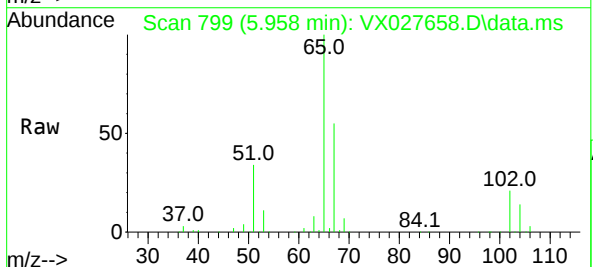


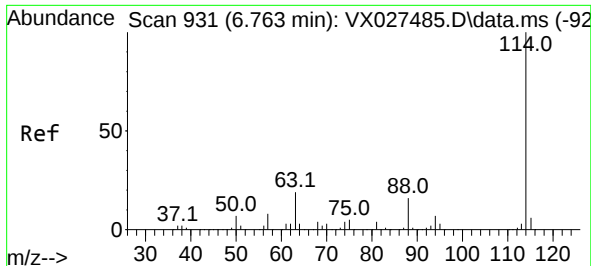
Tgt Ion: 56 Resp: 6353
Ion Ratio Lower Upper
56 100
69 169.7 26.7 40.1#
84 120.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.654 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Tgt Ion: 65 Resp: 211815
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

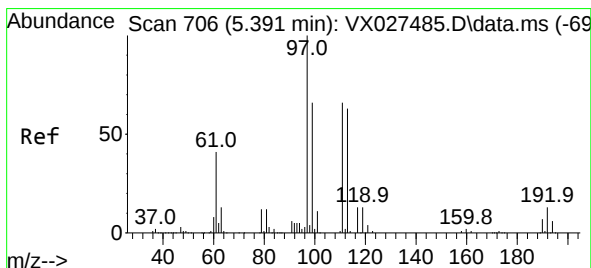
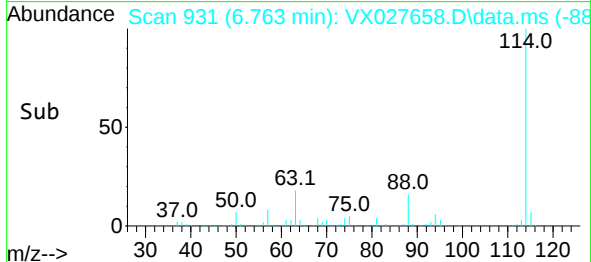
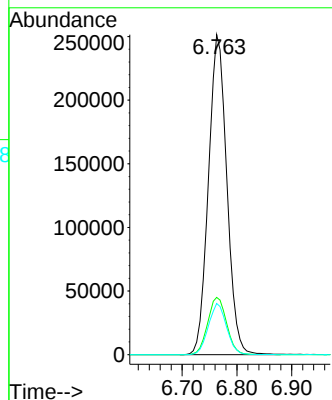
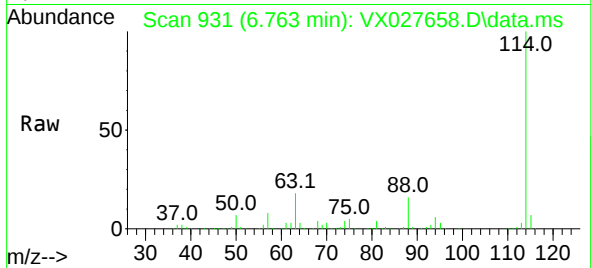




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

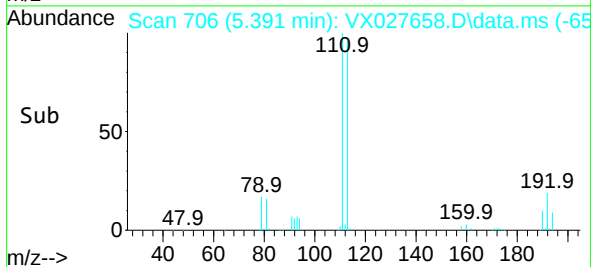
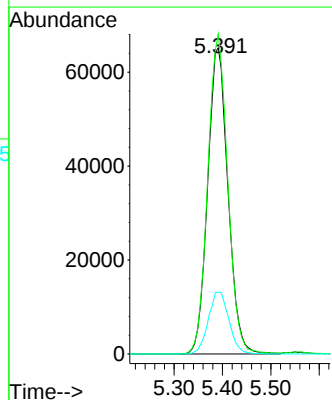
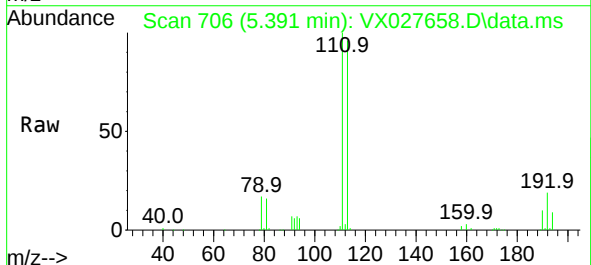
Instrument :
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ClientSampleId :
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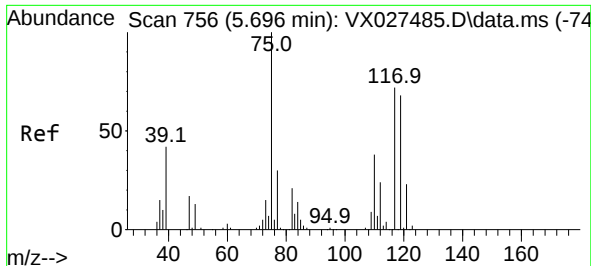
Tgt Ion:114 Resp: 584793
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.630 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Tgt Ion:113 Resp: 190492
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.5 16.9 25.3

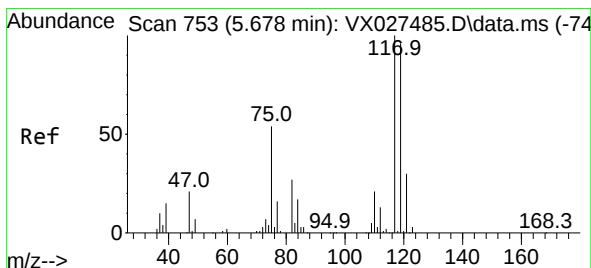
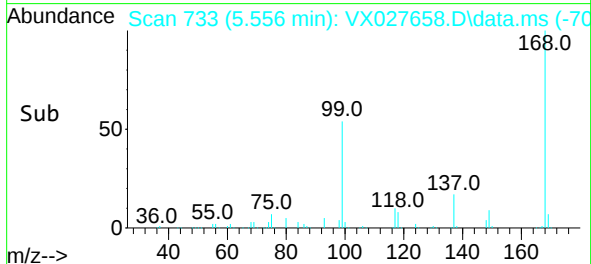
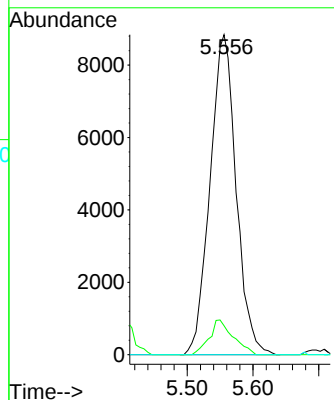
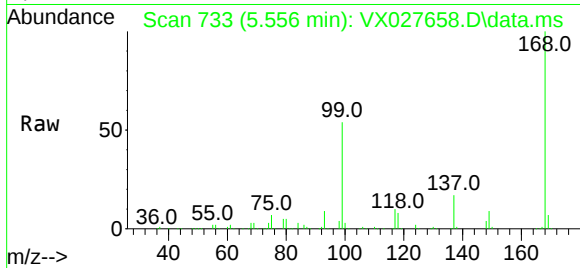




#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

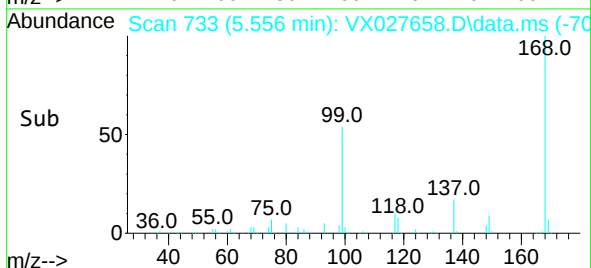
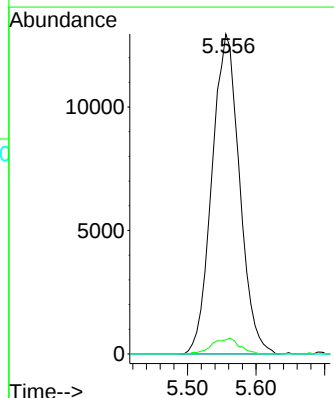
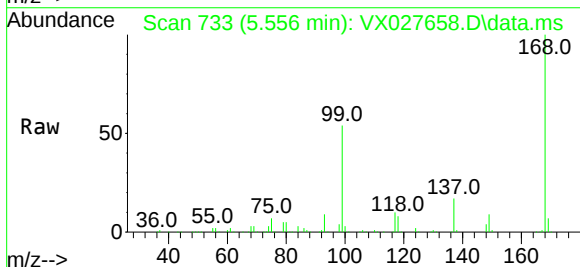
Instrument :
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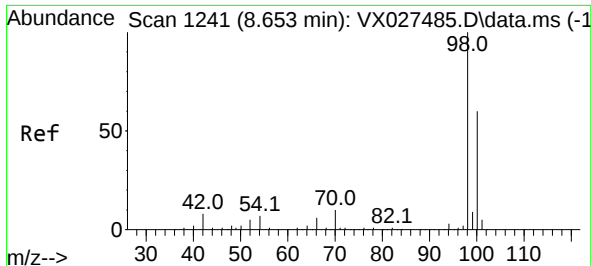
Tgt Ion: 75 Resp: 24400
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.164 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Tgt Ion: 117 Resp: 36257
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#

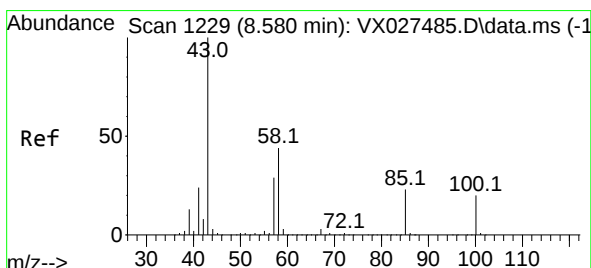
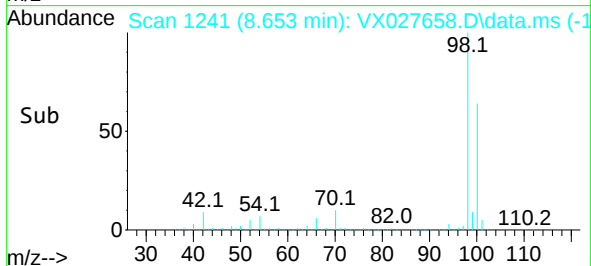
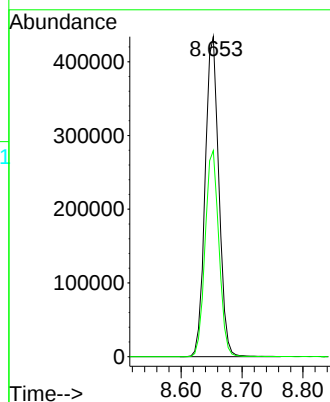
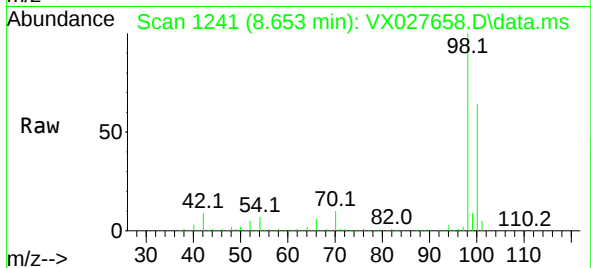




#50
Toluene-d8
Concen: 47.758 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

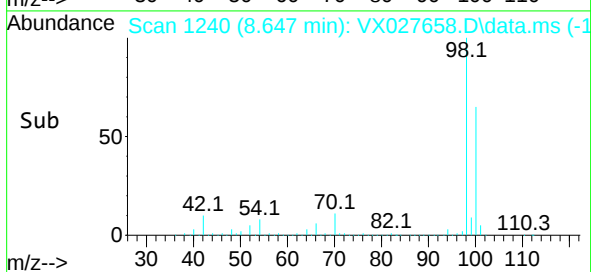
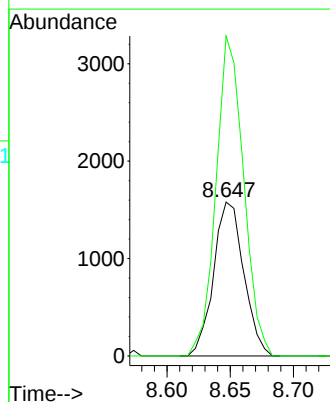
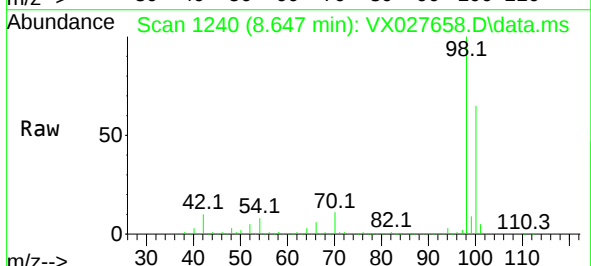
Instrument :
MSVOA_X
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VX0323WBL01

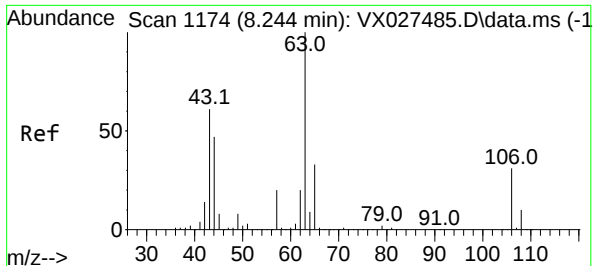
Tgt Ion: 98 Resp: 679962
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Tgt Ion: 43 Resp: 2621
Ion Ratio Lower Upper
43 100
58 190.3 36.1 54.1#

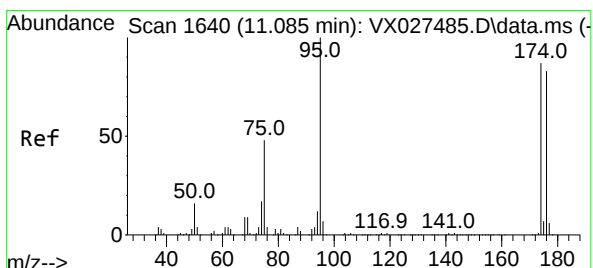
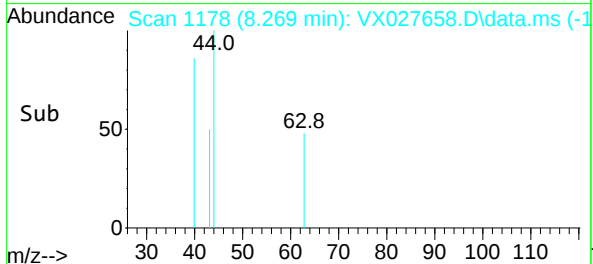
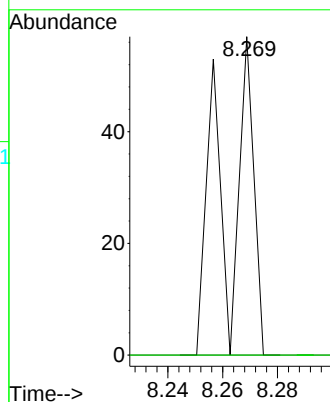
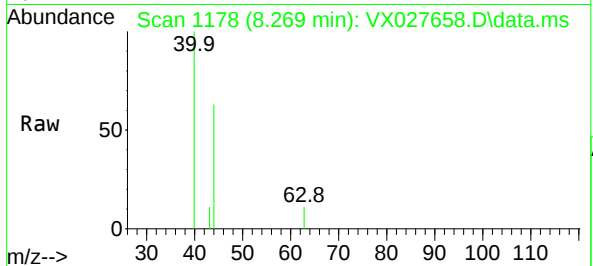




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.269 min Scan# 1174
Delta R.T. 0.025 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

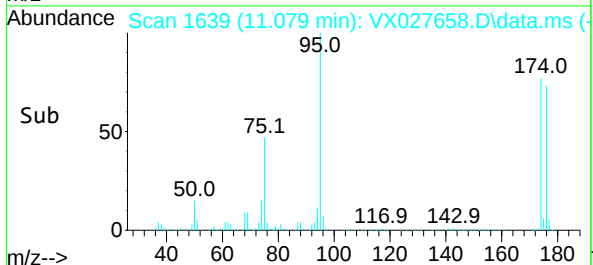
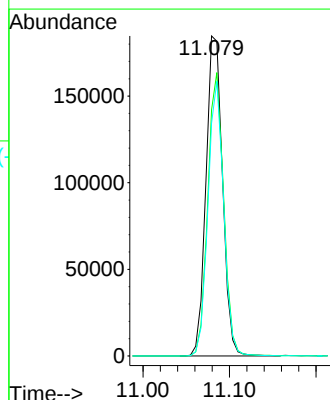
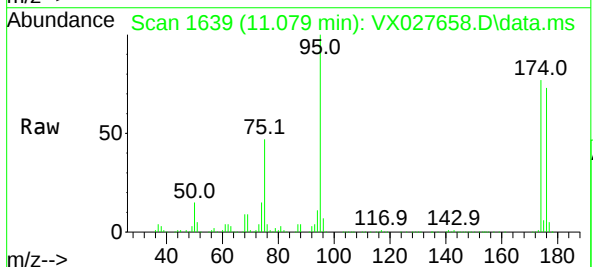
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

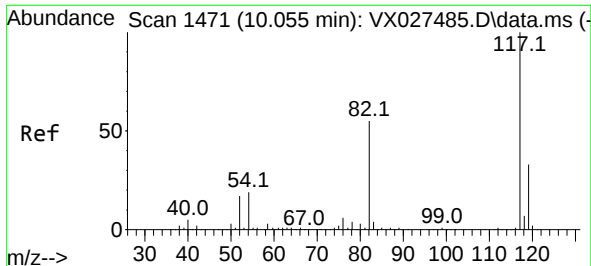
Tgt Ion: 63 Resp: 40
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 46.887 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Tgt Ion: 95 Resp: 245363
Ion Ratio Lower Upper
95 100
174 85.2 0.0 163.0
176 81.2 0.0 155.0

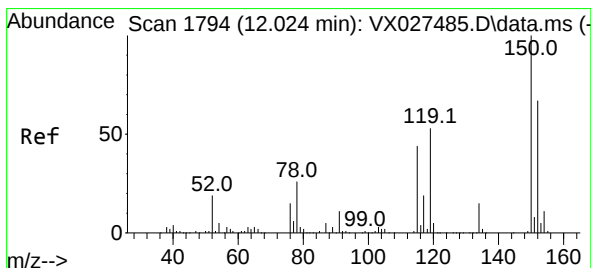
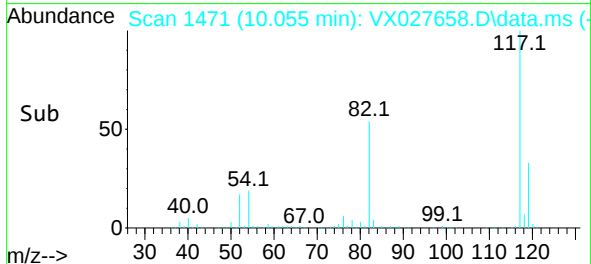
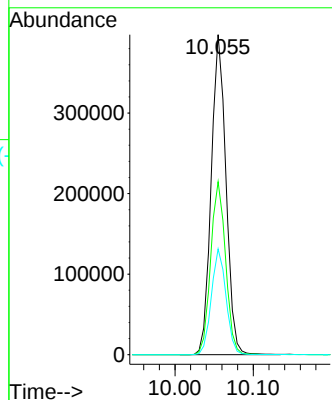
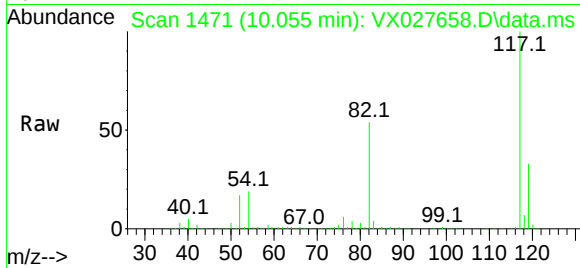




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

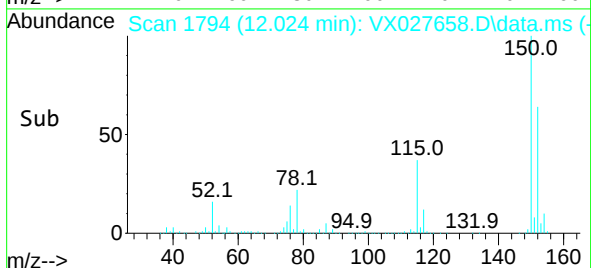
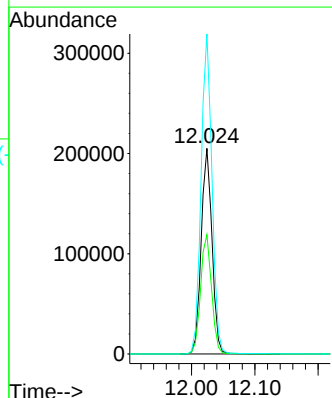
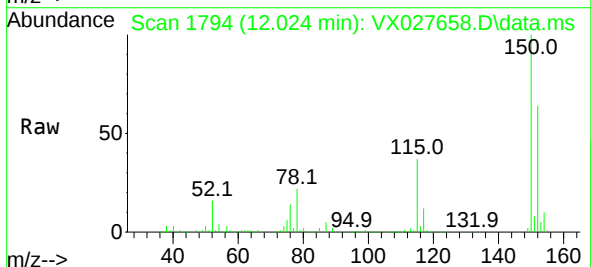
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

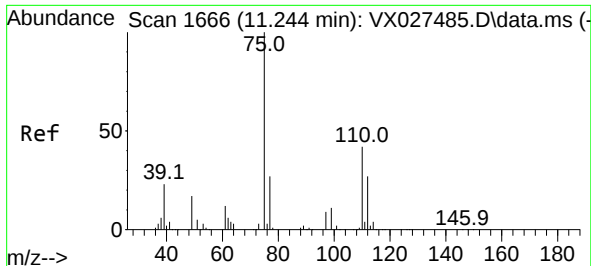
Tgt Ion:117 Resp: 518703
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.8
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Tgt Ion:152 Resp: 244706
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 155.9 0.0 338.2

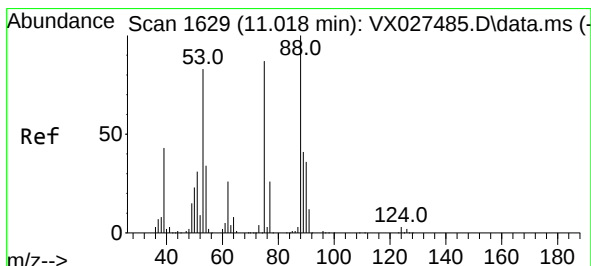
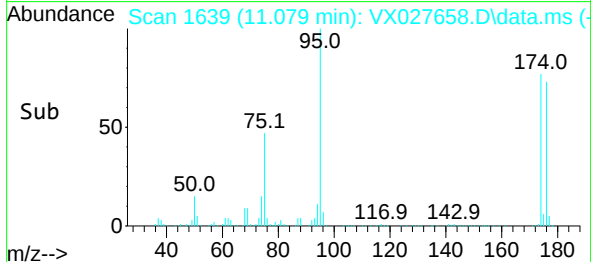
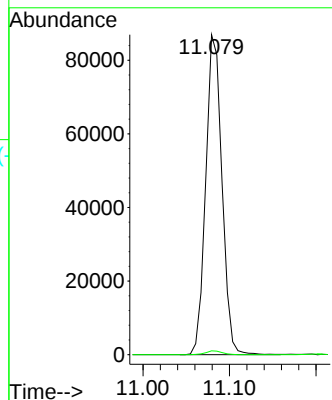
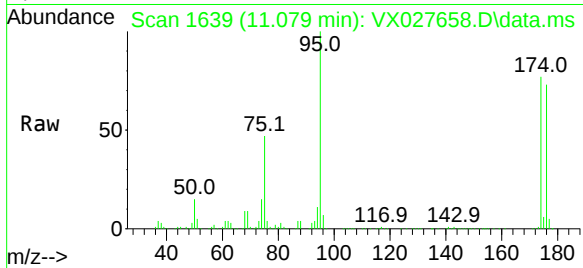




#76
1,2,3-Trichloropropane
Concen: 22.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL01

Tgt Ion: 75 Resp: 113189
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027658.D
Acq: 23 Mar 2022 11:05

Tgt Ion: 75 Resp: 113189
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

