

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032448.D
 Acq On : 28 Oct 2022 10:42
 Operator : JC/MD
 Sample : VX1028MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028MBL01

Quant Time: Oct 29 04:30:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

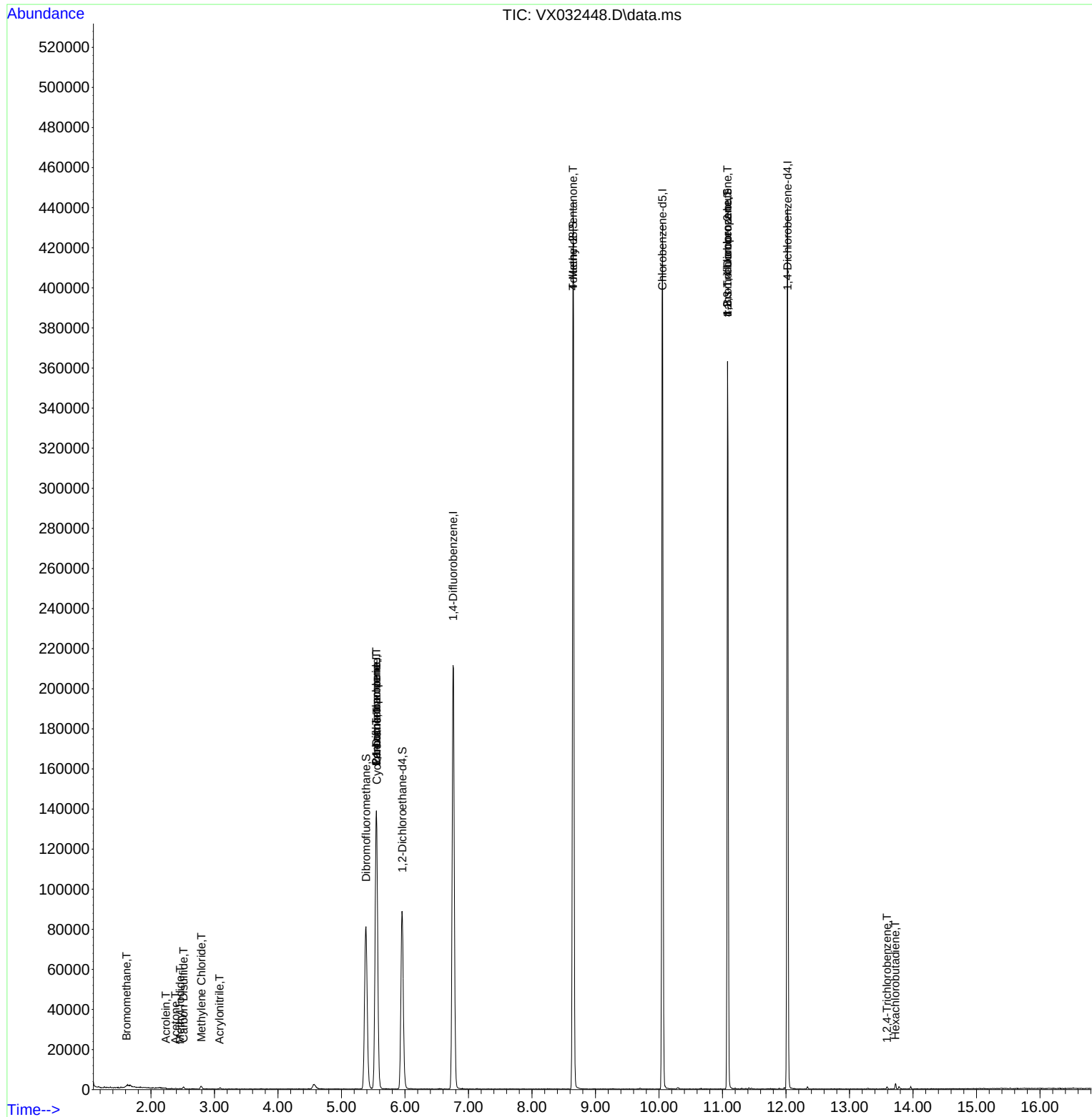
Internal Standards						
1) Pentafluorobenzene	5.550	168	130455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88283	48.704	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.400%		
35) Dibromofluoromethane	5.385	113	70523	45.946	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.900%		
50) Toluene-d8	8.647	98	256251	48.012	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.079	95	89137	42.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.500%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	246	0.220	ug/l	83
10) Methyl Iodide	2.459	142	234	2.061	ug/l #	47
13) Acrolein	2.233	56	122	0.463	ug/l #	36
15) Acrylonitrile	3.081	53	215	0.300	ug/l #	70
16) Acetone	2.386	43	345	0.524	ug/l #	45
17) Carbon Disulfide	2.514	76	1426	0.458	ug/l	99
20) Methylene Chloride	2.794	84	802	0.531	ug/l #	74
31) Cyclohexane	5.556	56	2804	1.276	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	10364	4.849	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14036	5.921	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1256	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48150	23.885	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48150	76.003	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	469	0.220	ug/l	84
94) Hexachlorobutadiene	13.719	225	477	0.535	ug/l	98

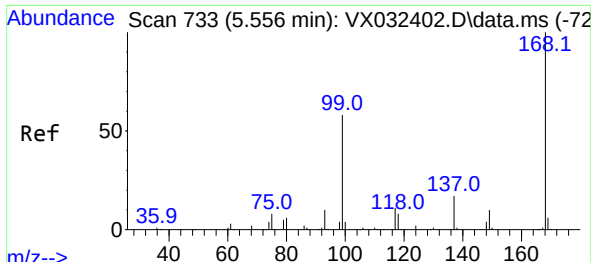
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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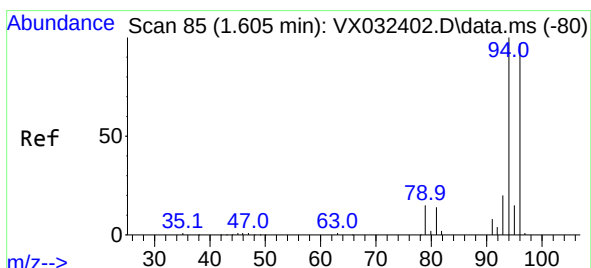
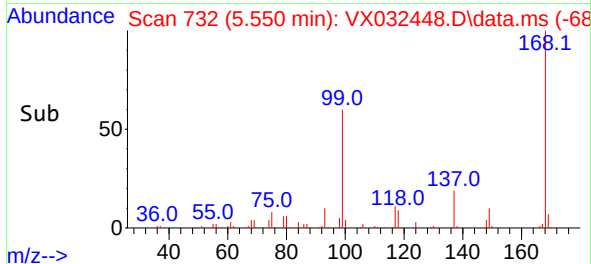
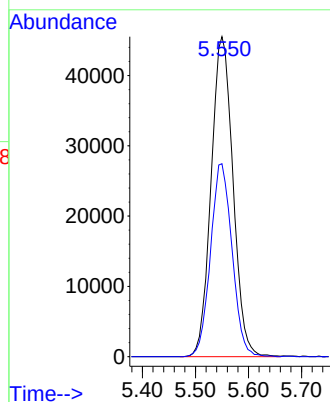
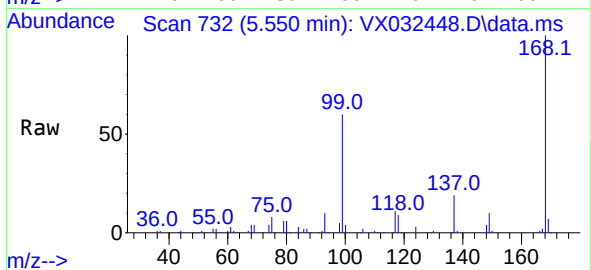




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

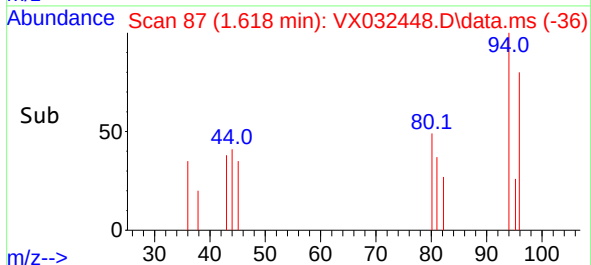
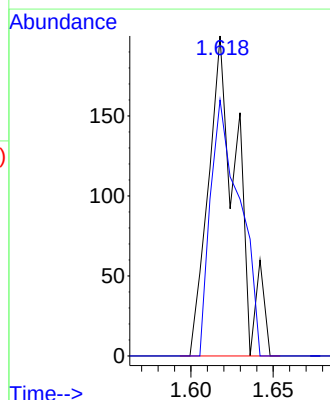
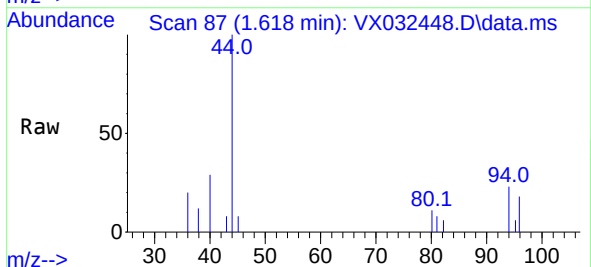
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

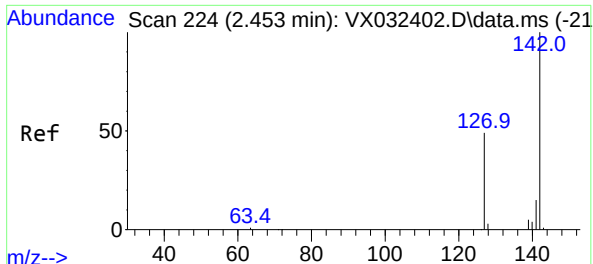
Tgt Ion:168 Resp: 130455
Ion Ratio Lower Upper
168 100
99 60.3 46.1 69.1



#5
Bromomethane
Concen: 0.220 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 80.0 77.6 116.4

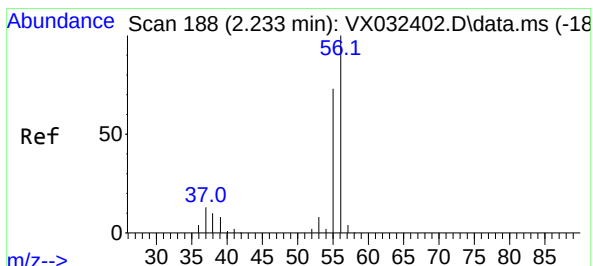
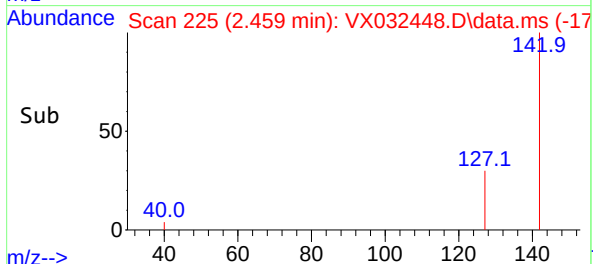
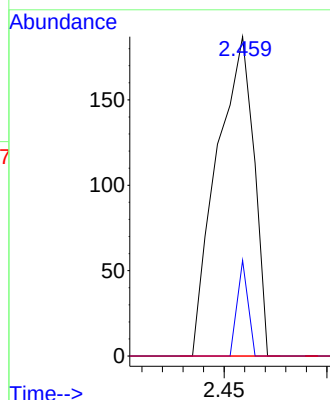
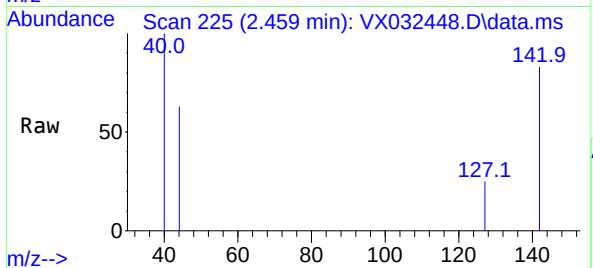




#10
Methyl Iodide
Concen: 2.061 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

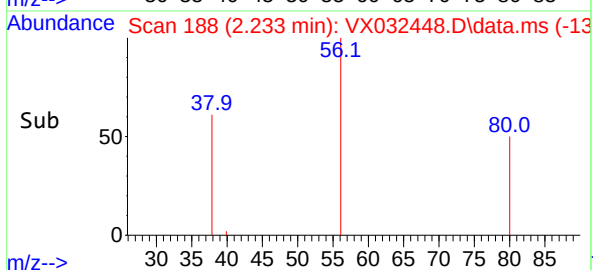
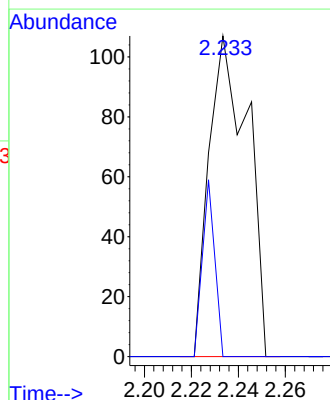
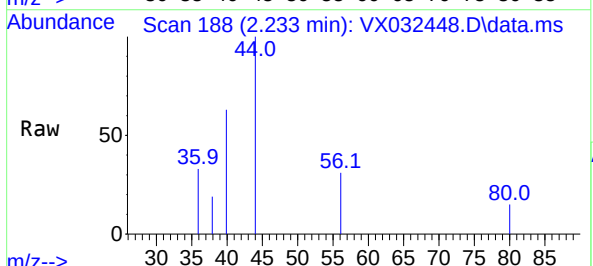
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

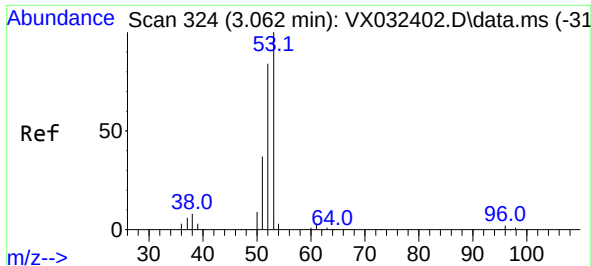
Tgt Ion:142 Resp: 234
Ion Ratio Lower Upper
142 100
127 8.5 38.6 57.8#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.463 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 18.0 56.9 85.3#

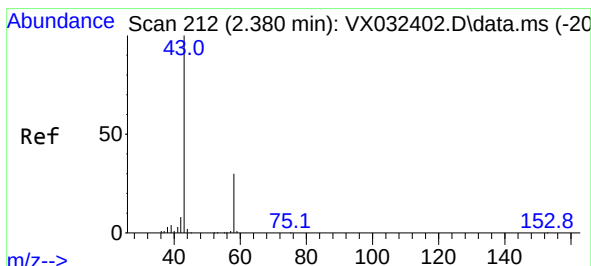
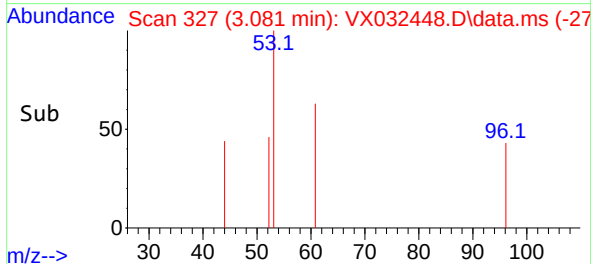
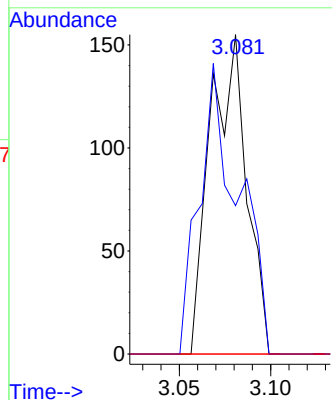
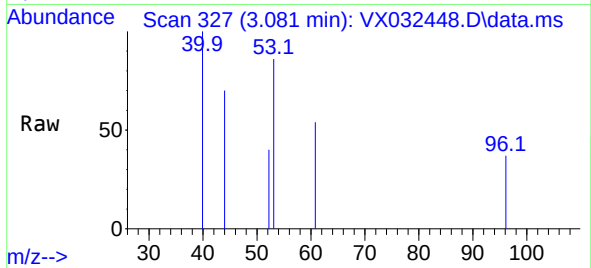




#15
Acrylonitrile
Concen: 0.300 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

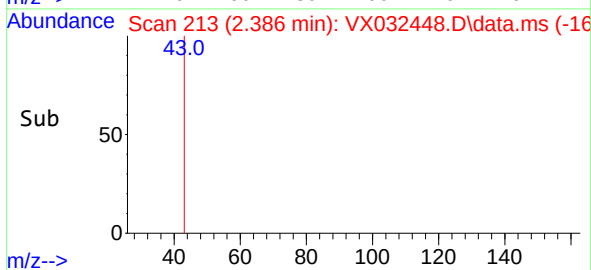
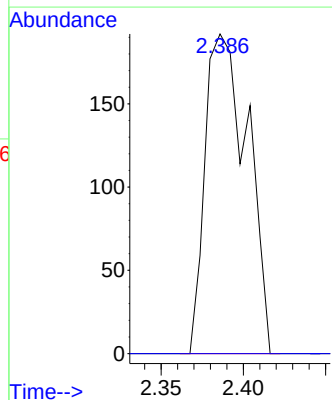
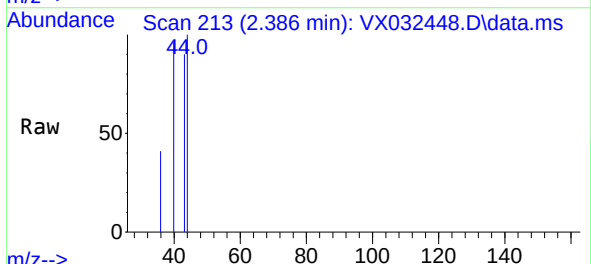
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

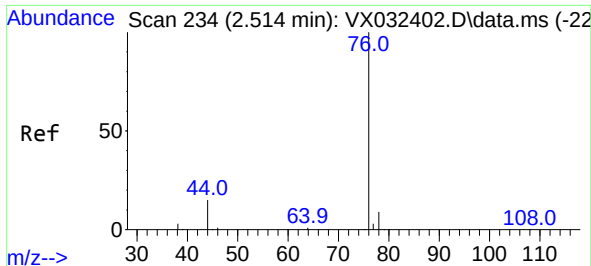
Tgt Ion: 53 Resp: 215
Ion Ratio Lower Upper
53 100
52 98.1 67.4 101.0
51 0.0 30.3 45.5#



#16
Acetone
Concen: 0.524 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

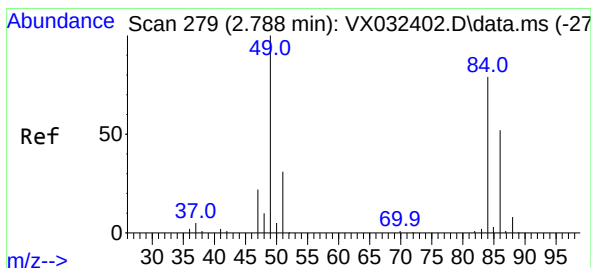
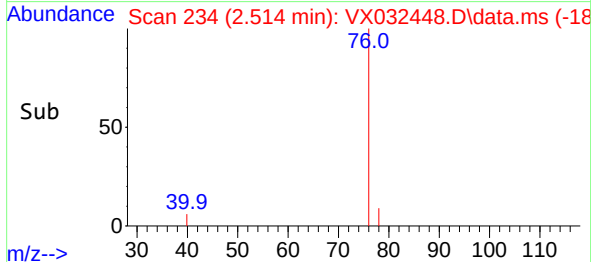
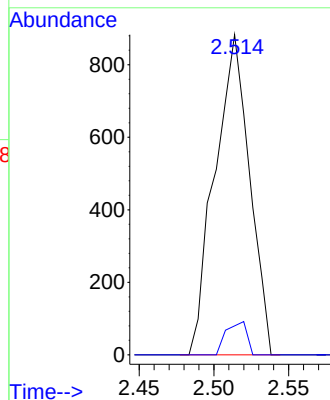
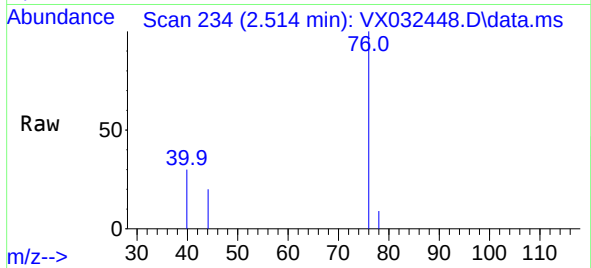




#17
Carbon Disulfide
Concen: 0.458 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

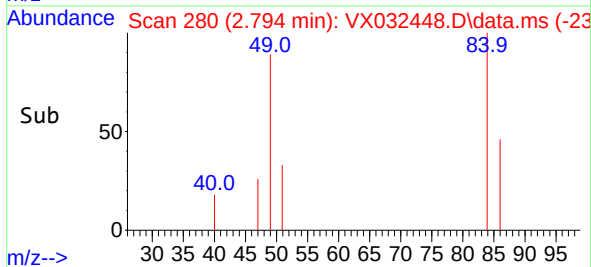
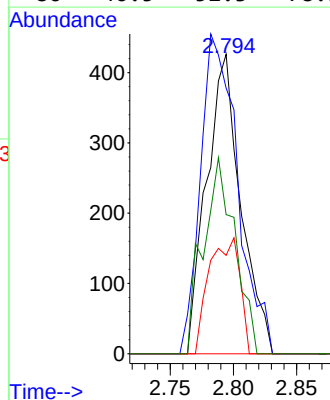
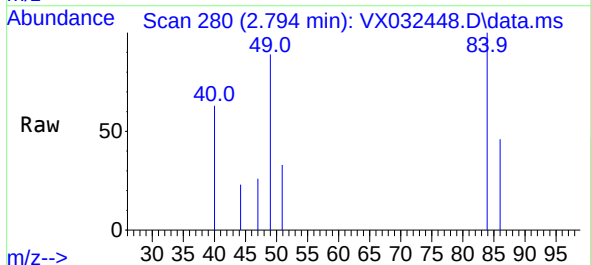
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

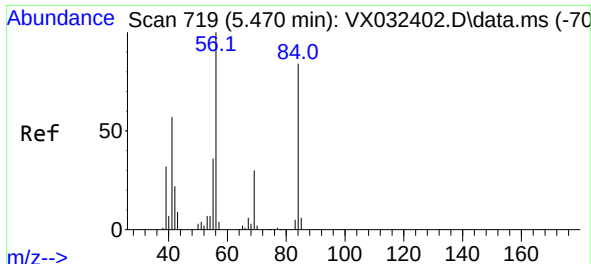
Tgt Ion: 76 Resp: 1426
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#20
Methylene Chloride
Concen: 0.531 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

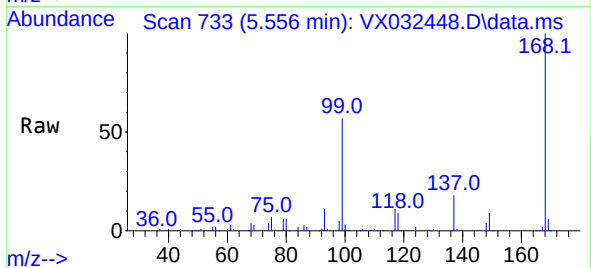
Tgt Ion: 84 Resp: 802
Ion Ratio Lower Upper
84 100
49 88.7 101.0 151.6#
51 32.9 31.1 46.7
86 46.5 52.3 78.5#



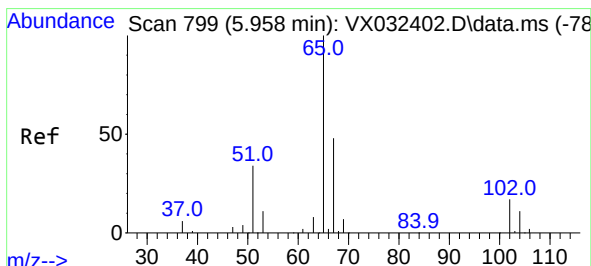
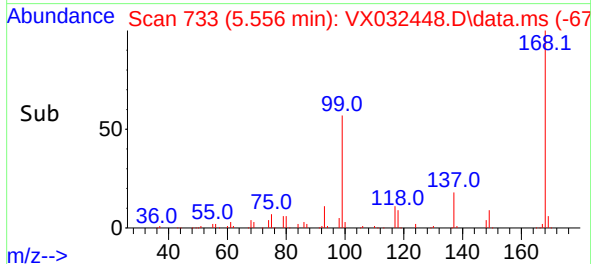
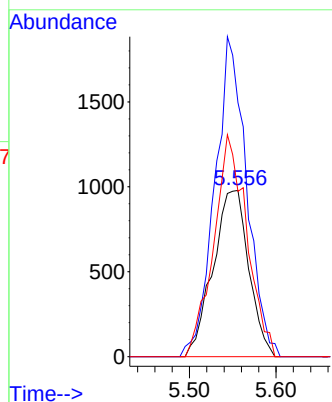


#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

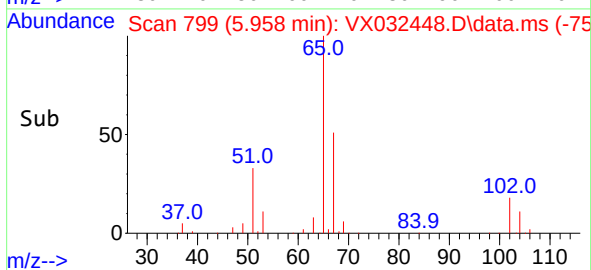
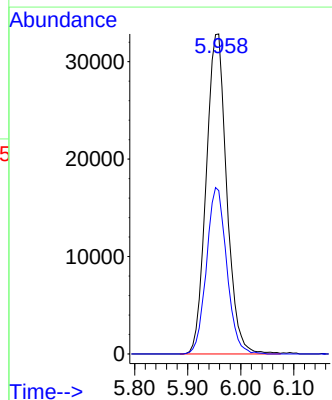
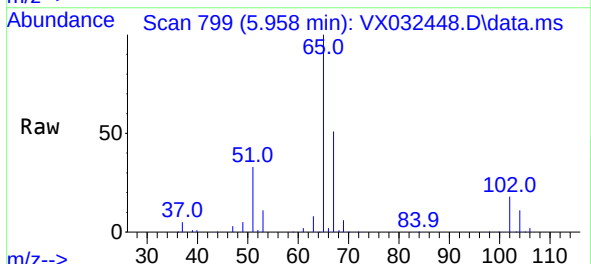


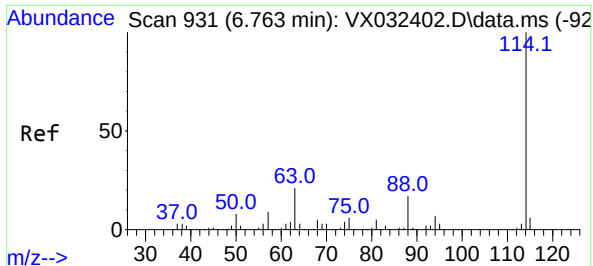
Tgt Ion: 56 Resp: 2804
Ion Ratio Lower Upper
56 100
69 152.8 24.1 36.1#
84 99.4 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 48.704 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Tgt Ion: 65 Resp: 88283
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8

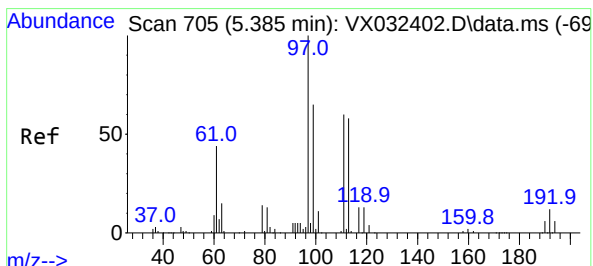
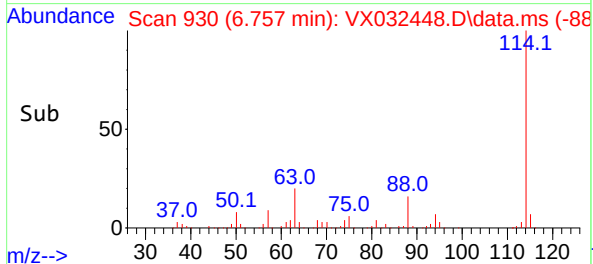
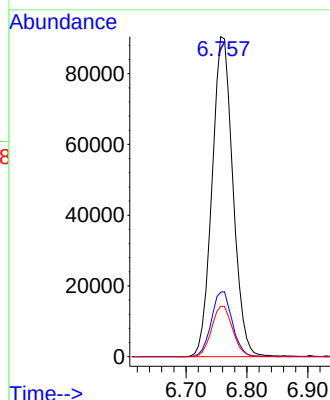
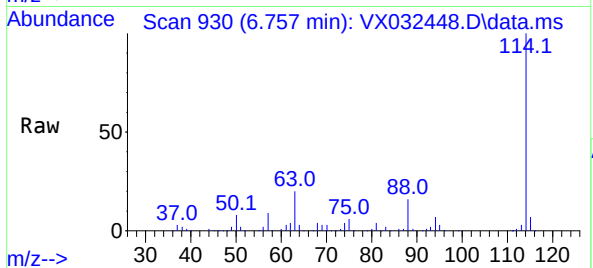




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

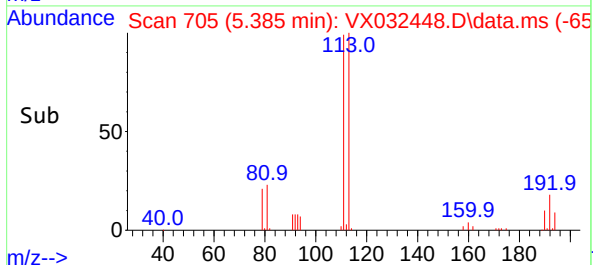
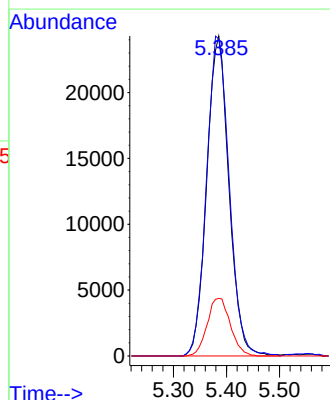
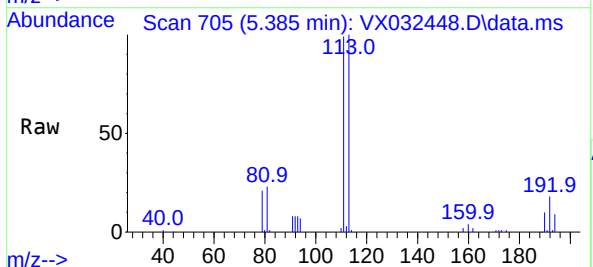
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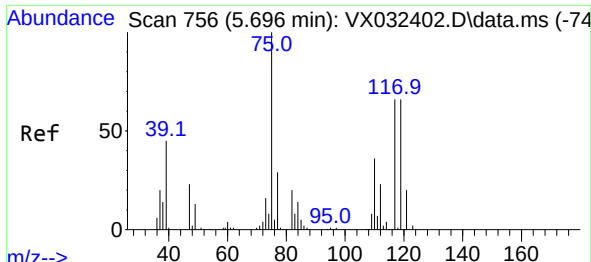
Tgt Ion:114 Resp: 215181
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.946 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Tgt Ion:113 Resp: 70523
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.8 15.4 23.2

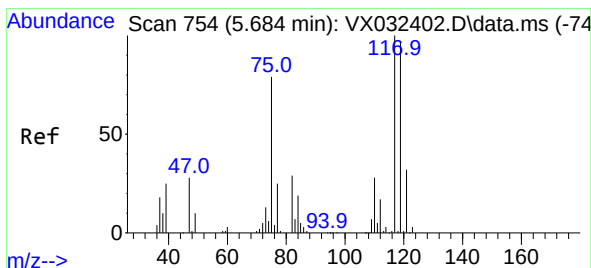
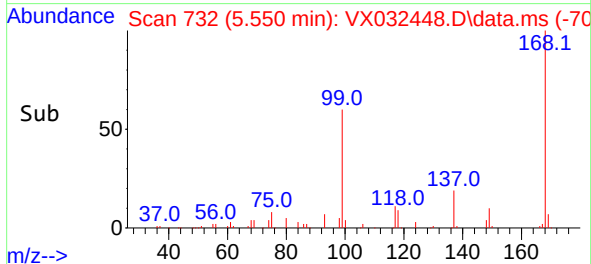
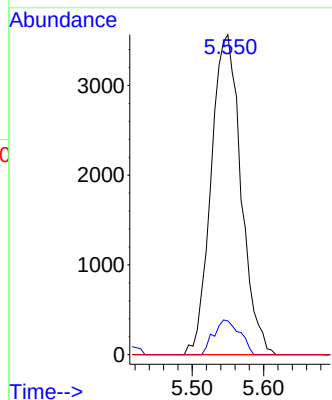
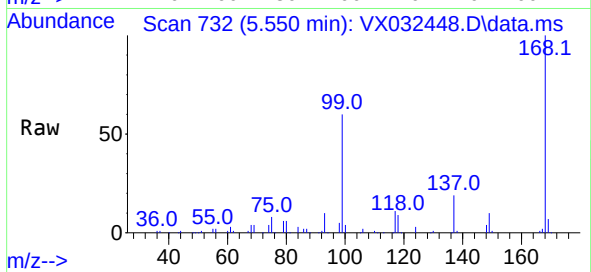




#36
1,1-Dichloropropene
Concen: 4.849 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

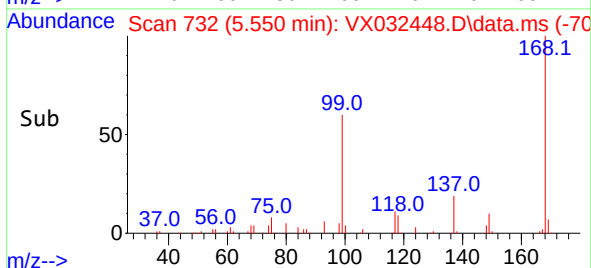
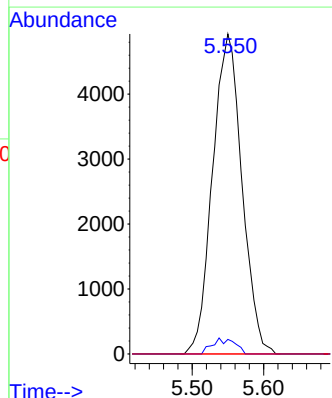
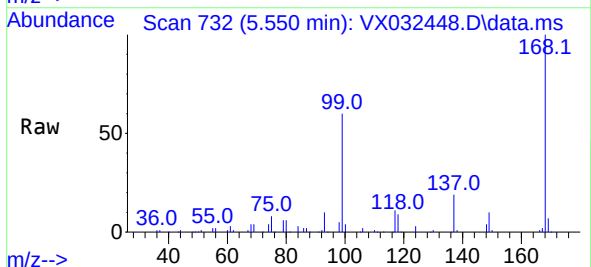
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

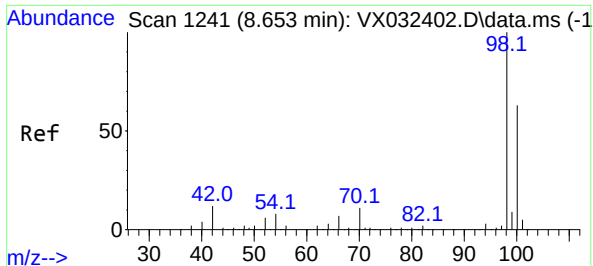
Tgt Ion: 75 Resp: 10364
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Tgt Ion: 117 Resp: 14036
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#

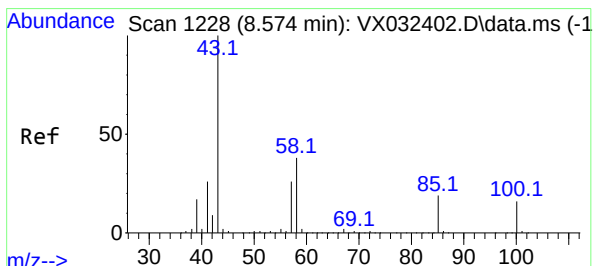
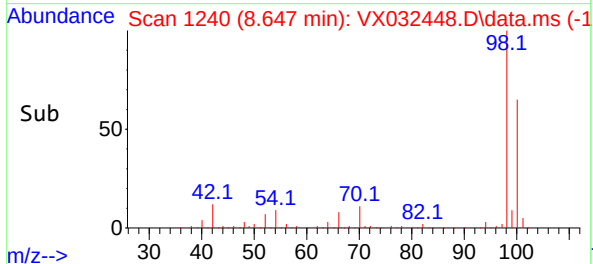
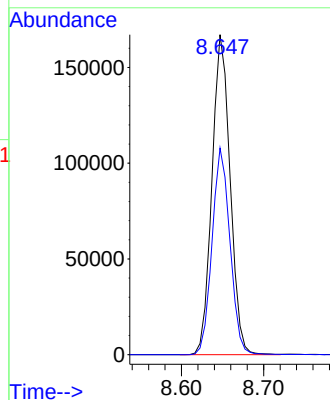
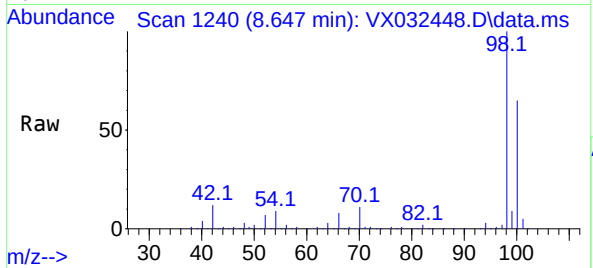




#50
Toluene-d8
Concen: 48.012 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

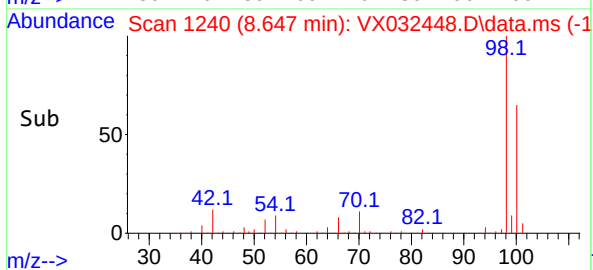
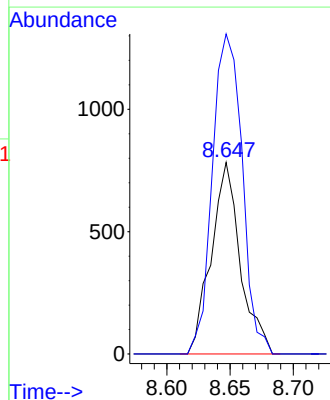
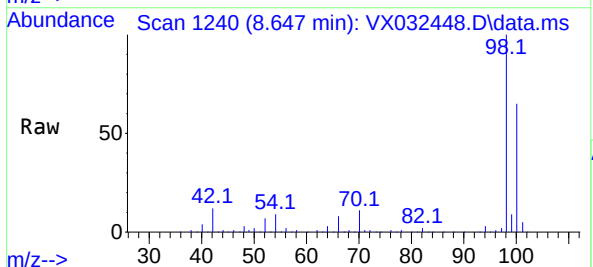
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

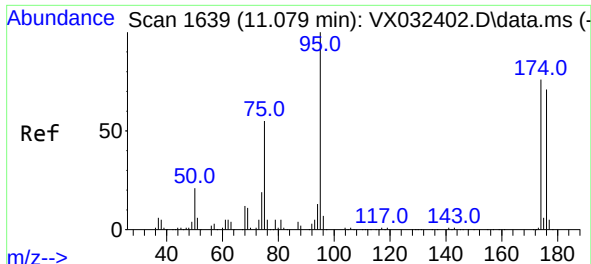
Tgt Ion: 98 Resp: 256251
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 170.9 30.9 46.3#

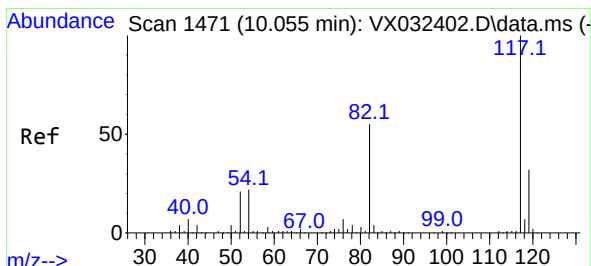
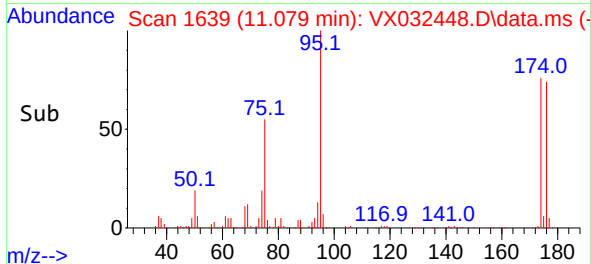
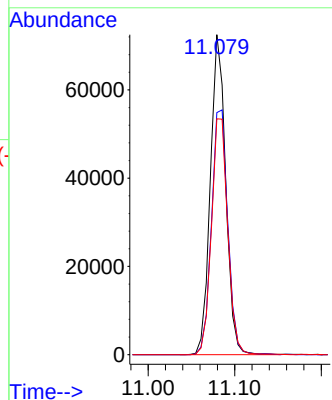
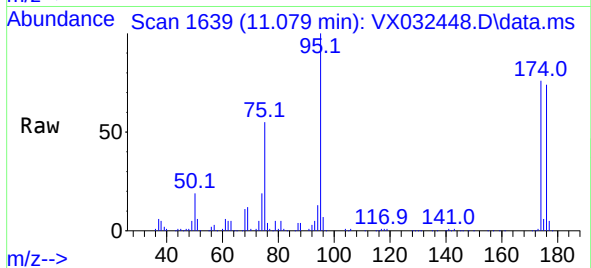




#62
4-Bromofluorobenzene
Concen: 42.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

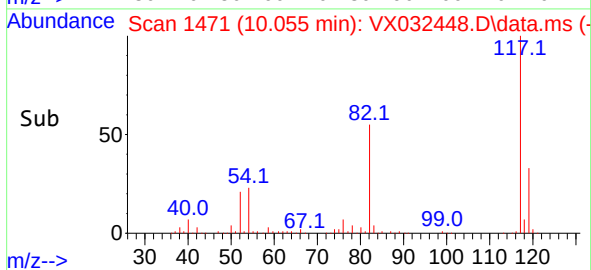
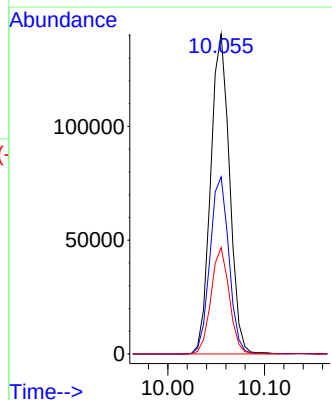
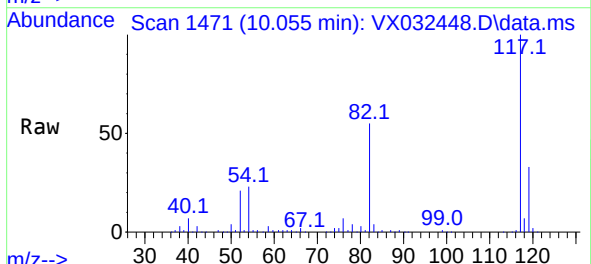
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

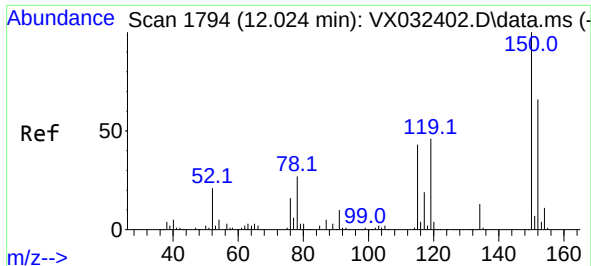
Tgt Ion: 95 Resp: 89137
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 78.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Tgt Ion: 117 Resp: 191253
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 33.2 25.7 38.5

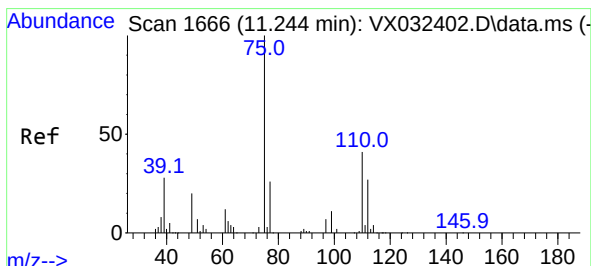
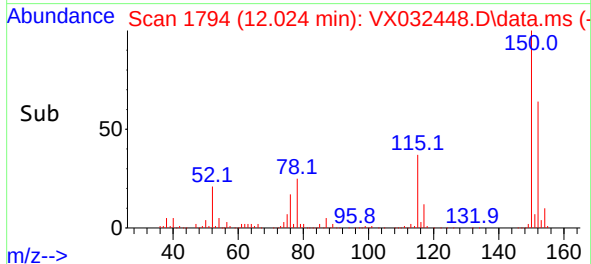
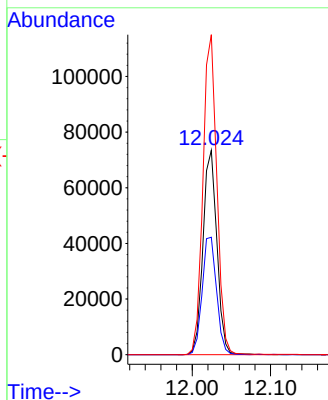
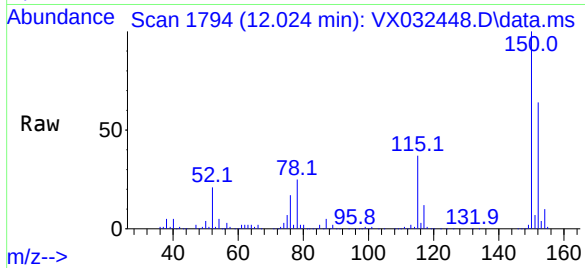




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

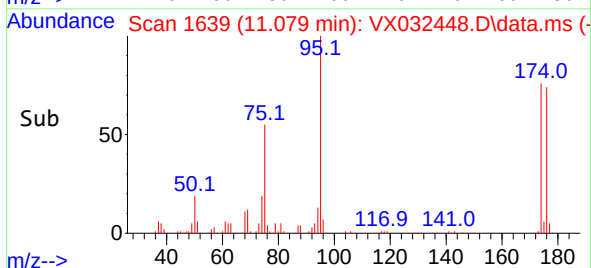
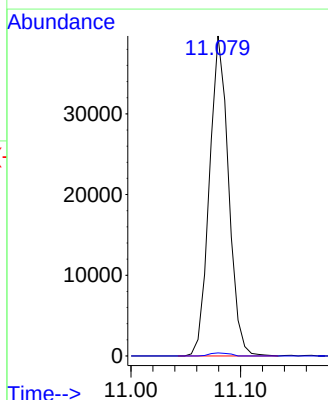
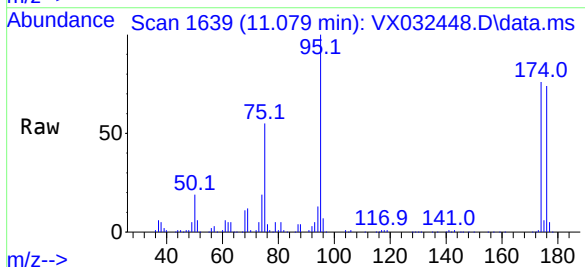
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

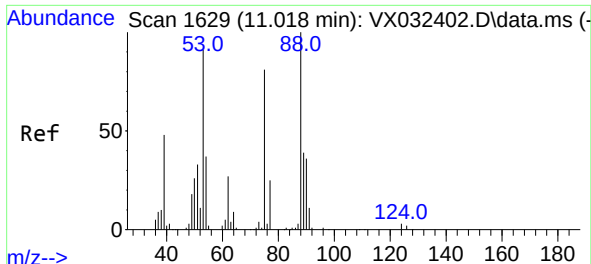
Tgt Ion:152 Resp: 90612
Ion Ratio Lower Upper
152 100
115 59.4 44.0 132.0
150 156.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 23.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Tgt Ion: 75 Resp: 48150
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

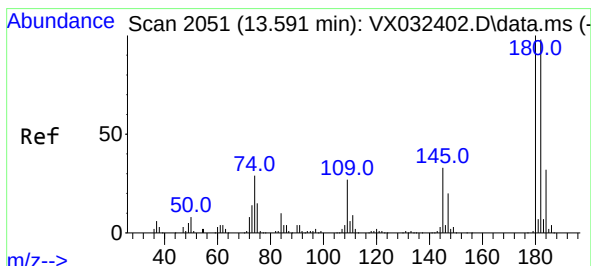
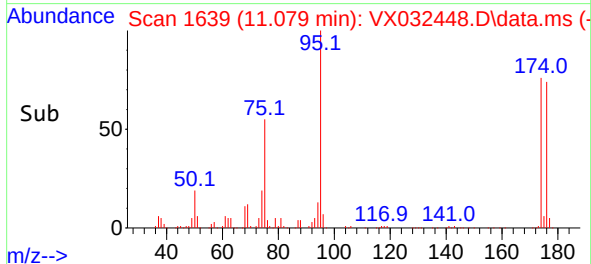
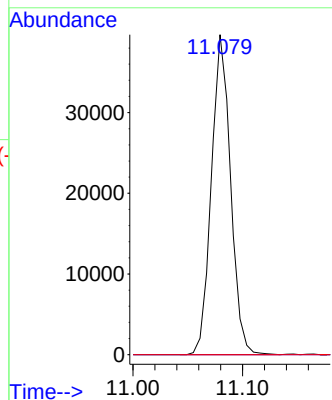
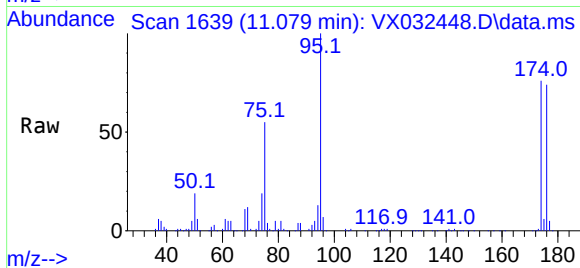




#81
trans-1,4-Dichloro-2-butene
Concen: 76.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

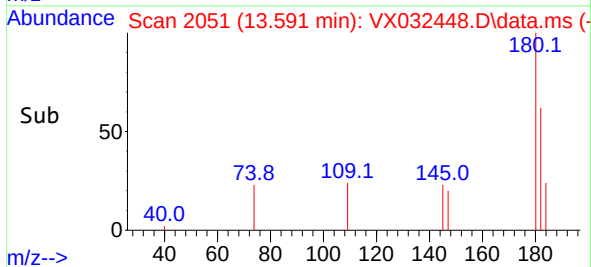
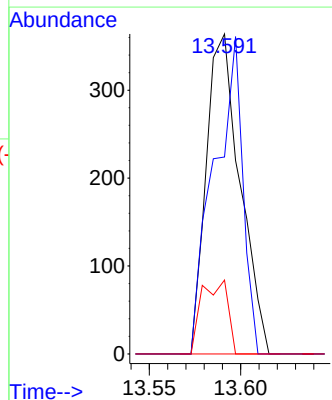
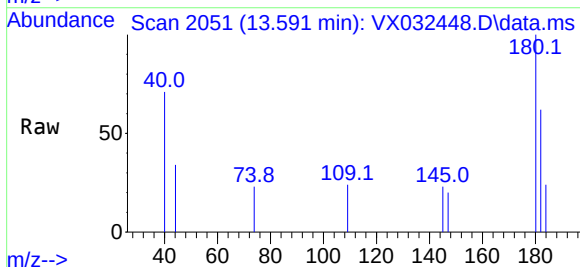
Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01

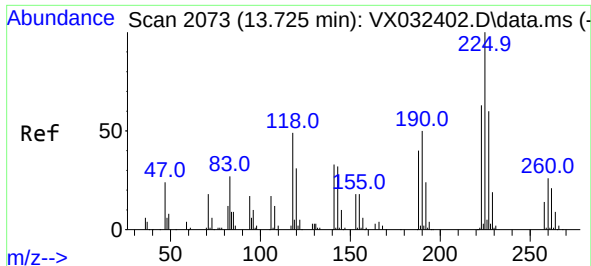
Tgt Ion: 75 Resp: 48150
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

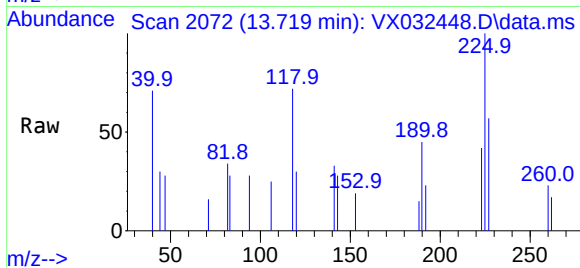
Tgt Ion:180 Resp: 469
Ion Ratio Lower Upper
180 100
182 83.6 48.4 145.0
145 17.9 16.2 48.5





#94
Hexachlorobutadiene
Concen: 0.535 ug/l
RT: 13.719 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX032448.D
Acq: 28 Oct 2022 10:42

Instrument :
MSVOA_X
ClientSampleId :
VX1028MBL01



Tgt Ion:225 Resp: 477
Ion Ratio Lower Upper
225 100
223 65.4 31.9 95.9
227 66.0 31.9 95.5

