

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032643.D
 Acq On : 08 Nov 2022 10:57
 Operator : JC/MD
 Sample : VX1108MBL01
 Misc : 5.00g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 04:35:24 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)

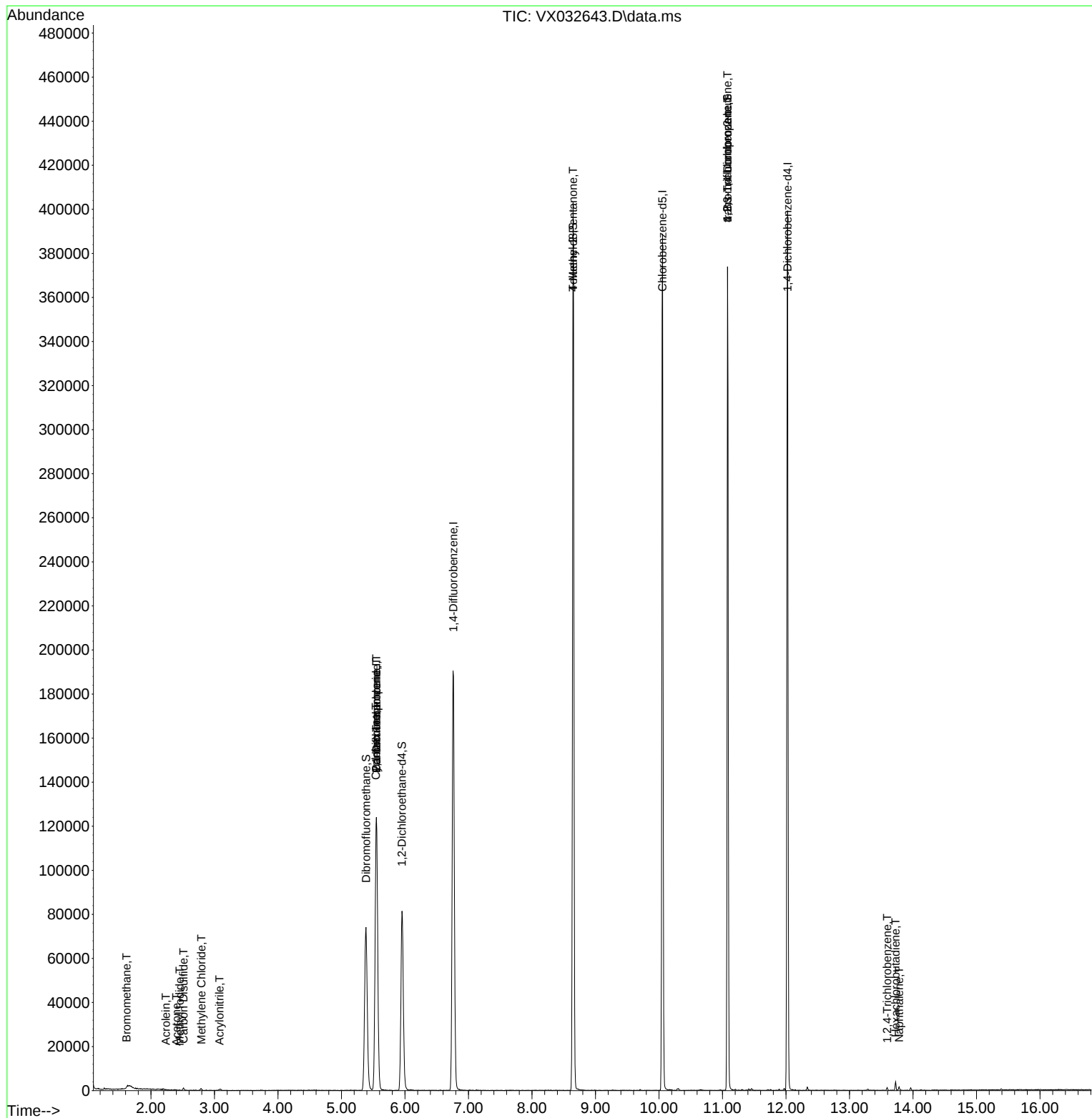
Internal Standards						
1) Pentafluorobenzene	5.550	168	117302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81950	50.280	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.560%			
35) Dibromofluoromethane	5.385	113	63918	46.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.440%			
50) Toluene-d8	8.647	98	233628	48.589	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.180%			
62) 4-Bromofluorobenzene	11.079	95	91382	48.653	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.300%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	215	0.214	ug/l	91
10) Methyl Iodide	2.453	142	136	2.010	ug/l #	55
13) Acrolein	2.233	56	79	0.334	ug/l #	14
15) Acrylonitrile	3.081	53	245	0.381	ug/l #	48
16) Acetone	2.398	43	266	0.449	ug/l #	45
17) Carbon Disulfide	2.514	76	1297	0.463	ug/l #	90
20) Methylene Chloride	2.794	84	313	0.230	ug/l #	69
31) Cyclohexane	5.544	56	2674	1.353	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	9382	4.872	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12412	5.812	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1060	0.547	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49293	27.260	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49293	86.742	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	385	0.201	ug/l	84
94) Hexachlorobutadiene	13.725	225	616	0.770	ug/l	85
95) Naphthalene	13.780	128	1376	0.216	ug/l #	90

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

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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_X
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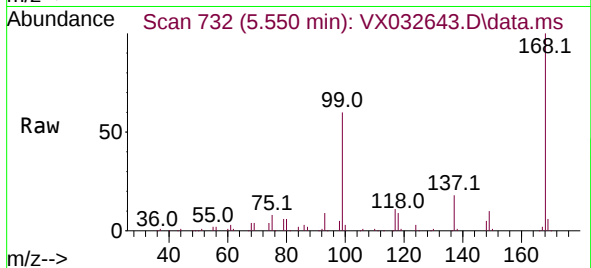
Quant Time: Nov 09 04:35:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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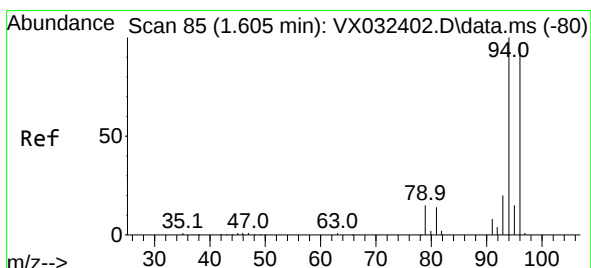
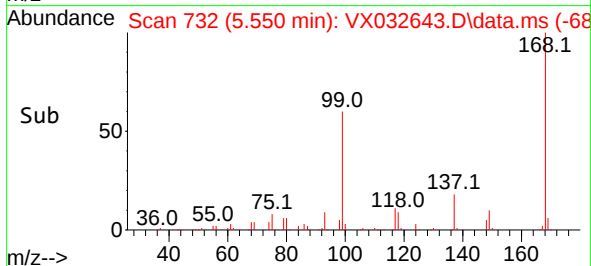
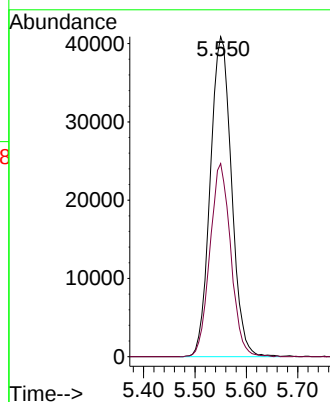


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Instrument :
MSVOA_X
ClientSampleId :

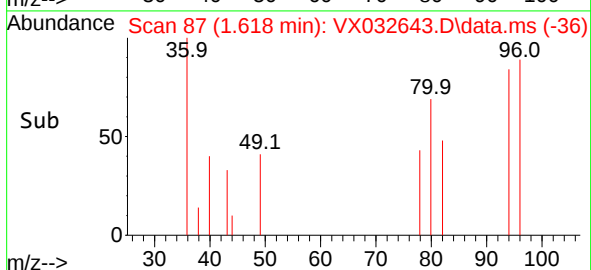
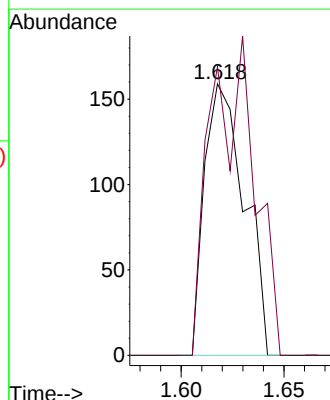
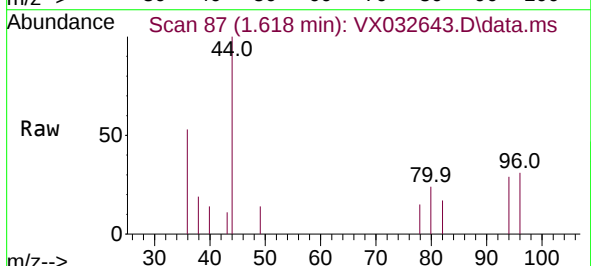


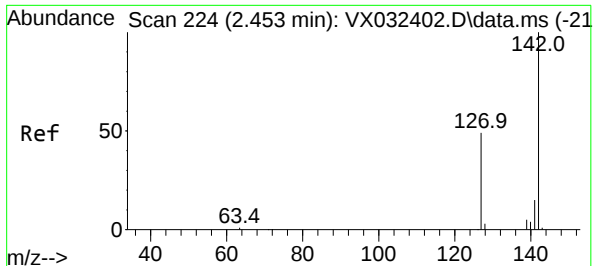
Tgt Ion:168 Resp: 117302
Ion Ratio Lower Upper
168 100
99 60.3 46.1 69.1



#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

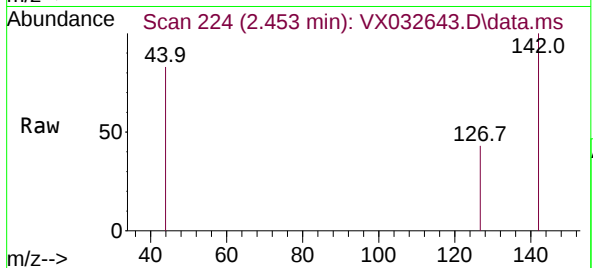
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 106.3 77.6 116.4



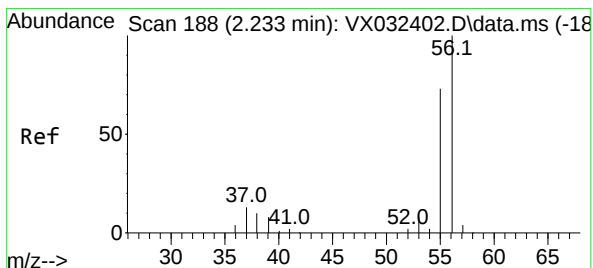
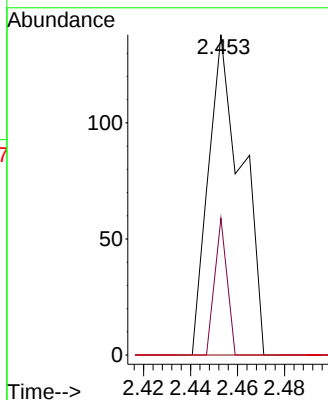
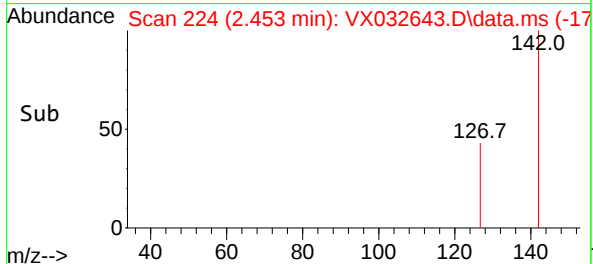


#10
Methyl Iodide
Concen: 2.010 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

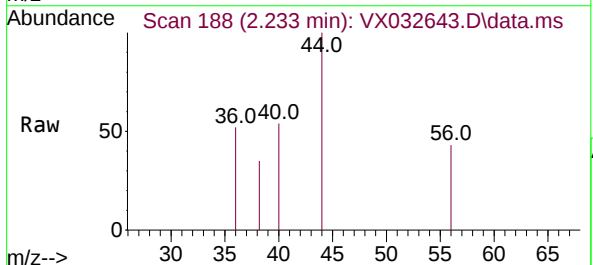
Instrument :
MSVOA_X
ClientSampleId :



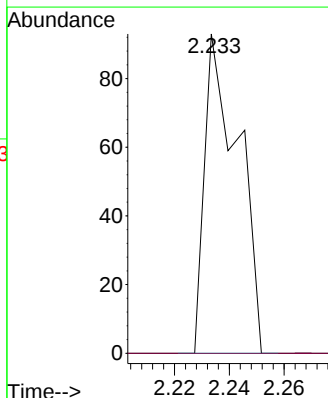
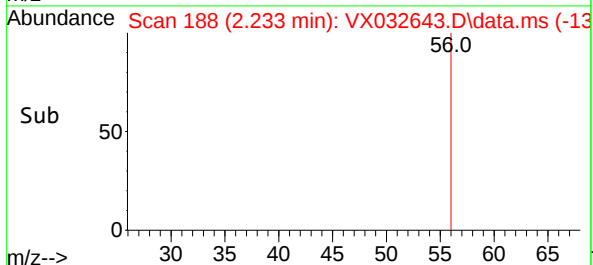
Tgt Ion:142 Resp: 136
Ion Ratio Lower Upper
142 100
127 16.2 38.6 57.8#
141 0.0 11.4 17.2#

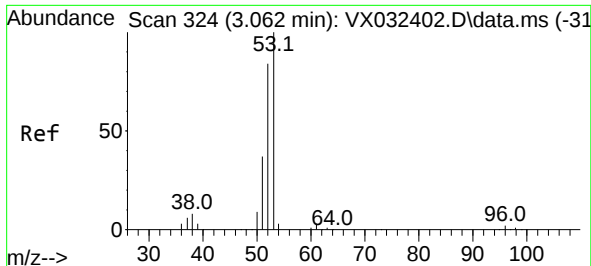


#13
Acrolein
Concen: 0.334 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57



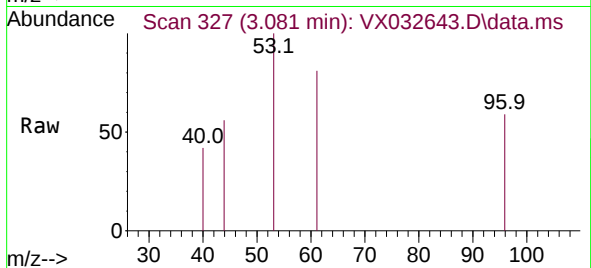
Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#



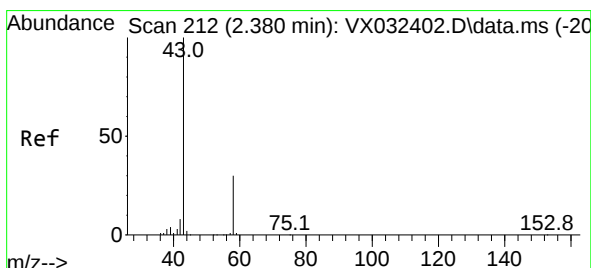
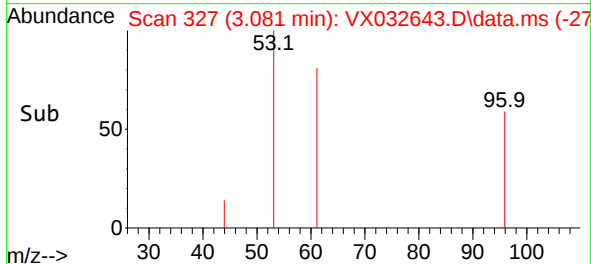
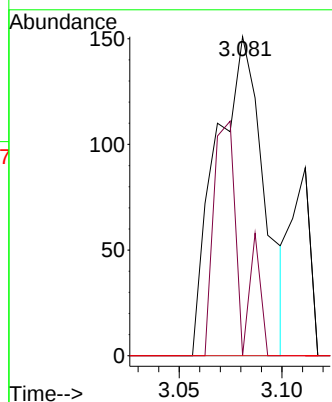


#15
Acrylonitrile
Concen: 0.381 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Instrument :
MSVOA_X
ClientSampleId :

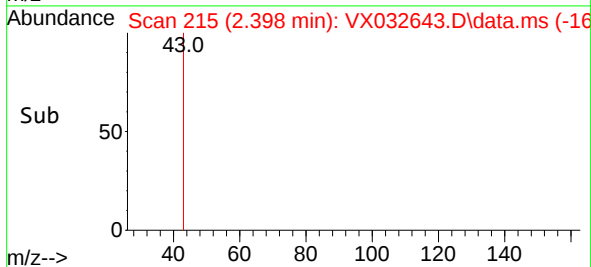
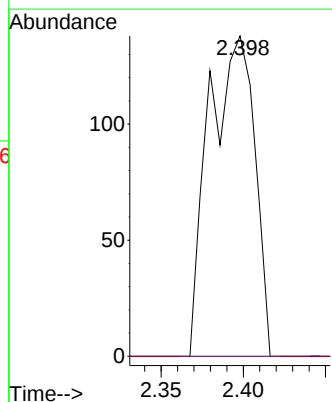
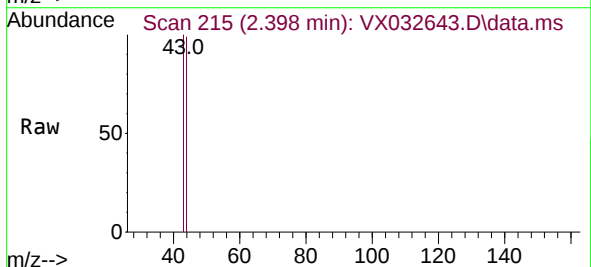


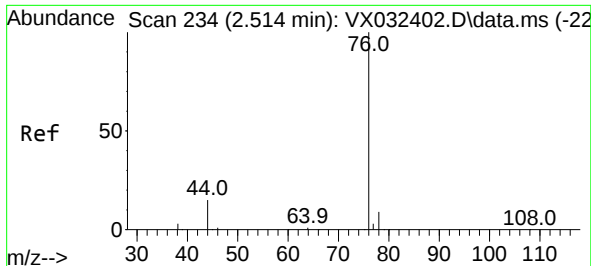
Tgt Ion: 53 Resp: 245
Ion Ratio Lower Upper
53 100
52 40.8 67.4 101.0#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 0.449 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

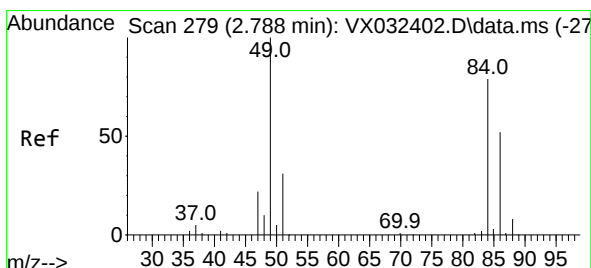
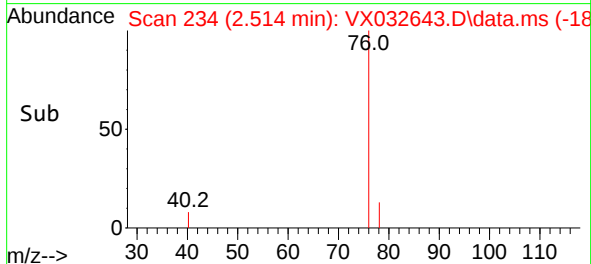
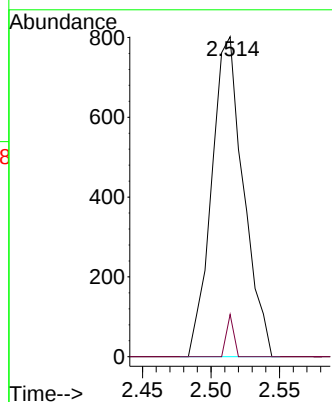
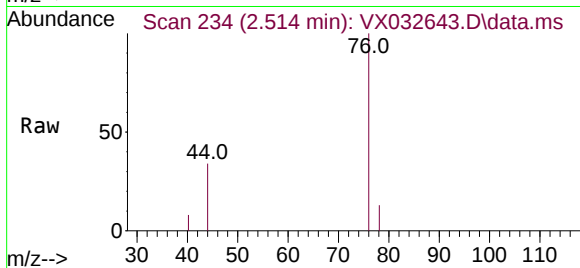




#17
Carbon Disulfide
Concen: 0.463 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

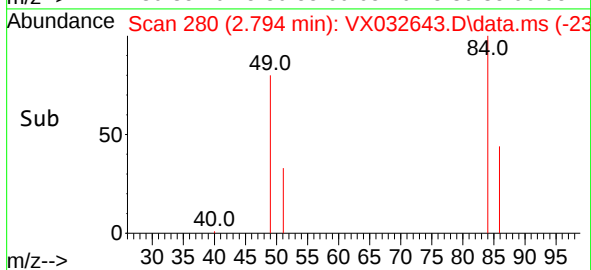
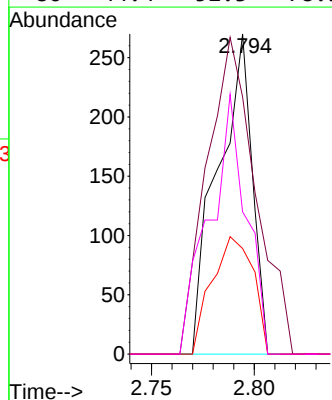
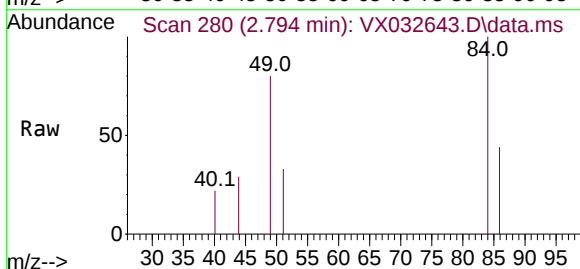
Instrument :
MSVOA_X
ClientSampleId :

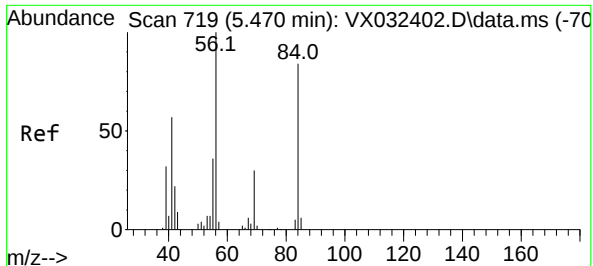
Tgt Ion: 76 Resp: 1297
Ion Ratio Lower Upper
76 100
78 13.2 7.5 11.3#



#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

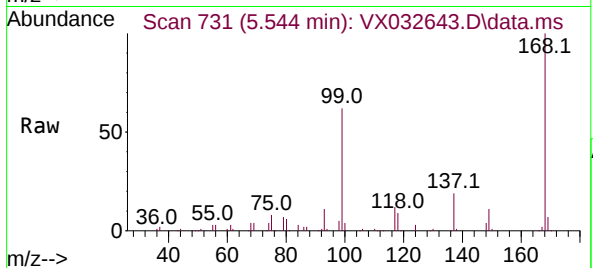
Tgt Ion: 84 Resp: 313
Ion Ratio Lower Upper
84 100
49 80.4 101.0 151.6#
51 33.0 31.1 46.7
86 44.4 52.3 78.5#



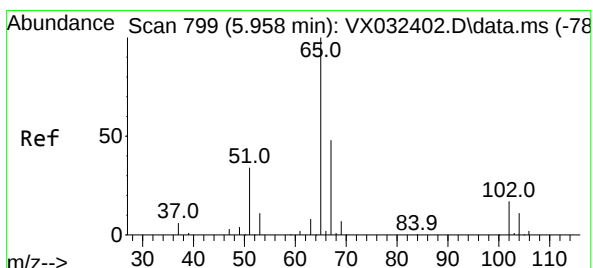
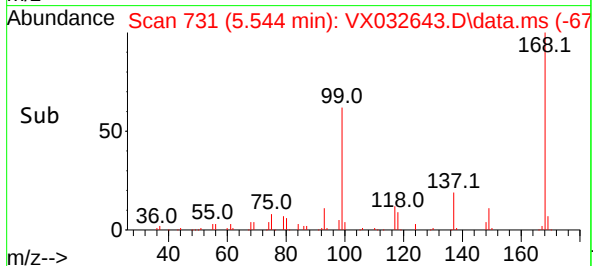
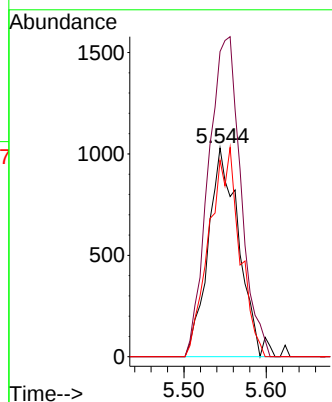


#31
Cyclohexane
Concen: 1.353 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Instrument :
MSVOA_X
ClientSampleId :

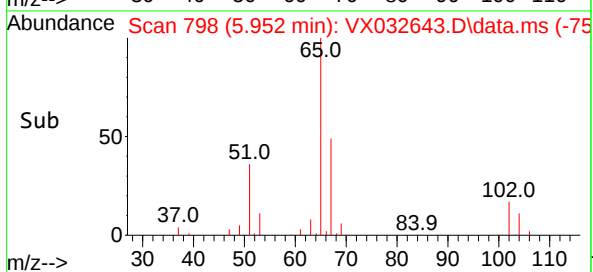
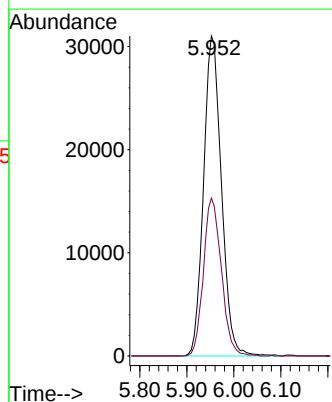
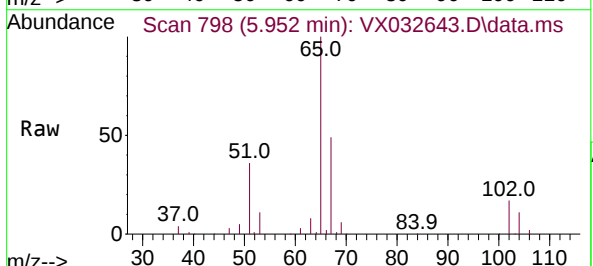


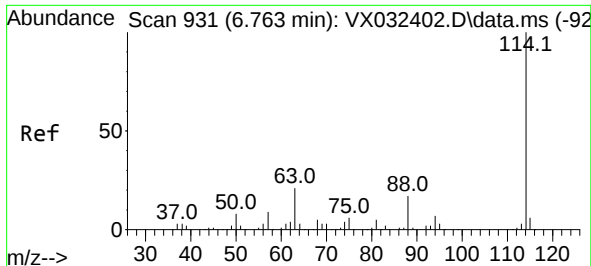
Tgt Ion: 56 Resp: 2674
Ion Ratio Lower Upper
56 100
69 146.1 24.1 36.1#
84 94.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.280 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Tgt Ion: 65 Resp: 81950
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

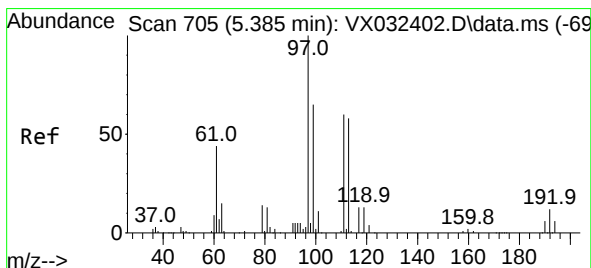
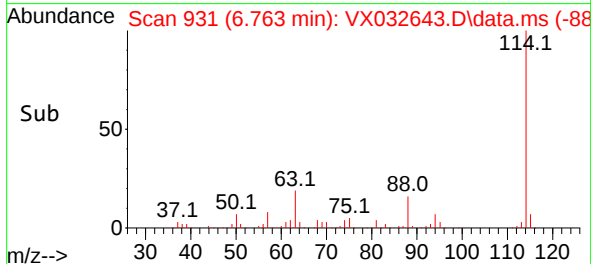
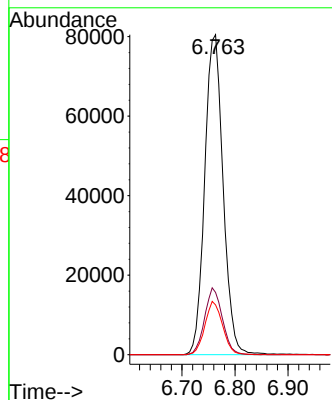
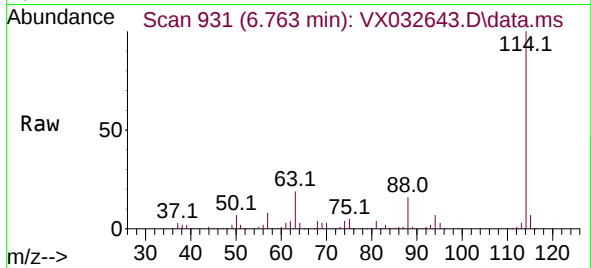




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

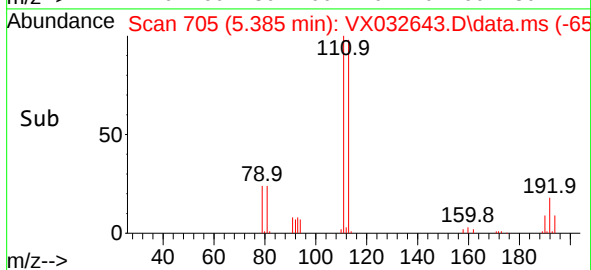
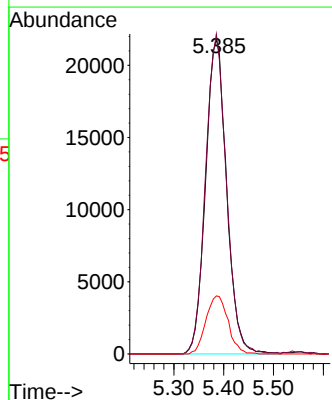
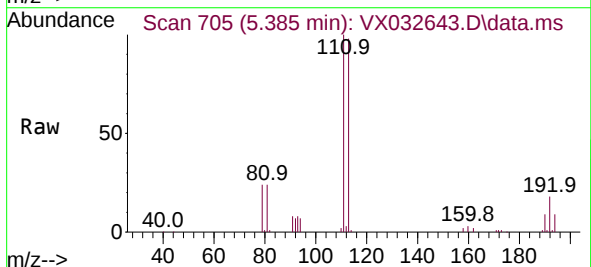
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MSVOA_X
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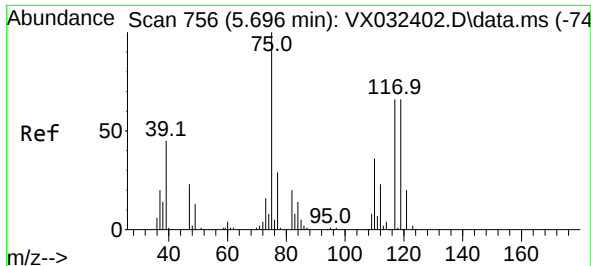
Tgt Ion:114 Resp: 193856
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Tgt Ion:113 Resp: 63918
Ion Ratio Lower Upper
113 100
111 100.7 82.4 123.6
192 19.4 15.4 23.2

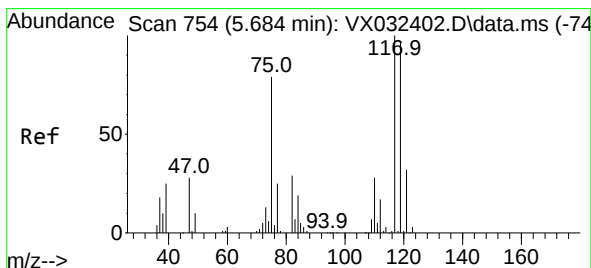
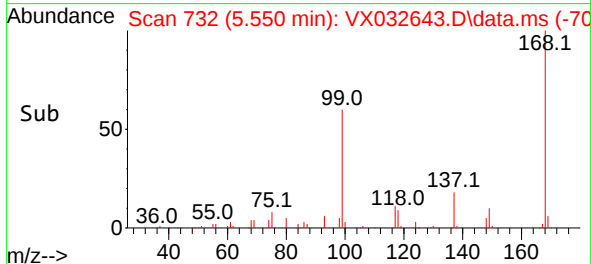
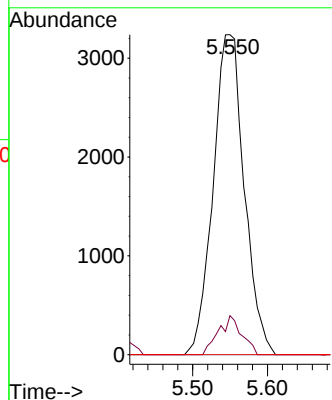
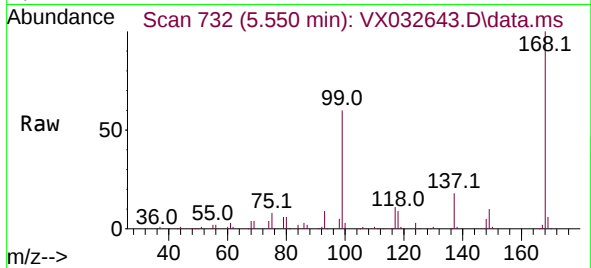




#36
1,1-Dichloropropene
Concen: 4.872 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

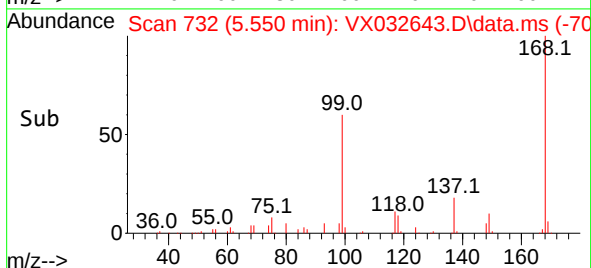
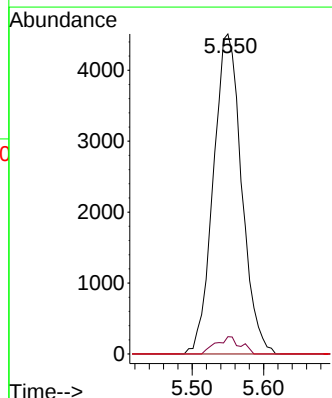
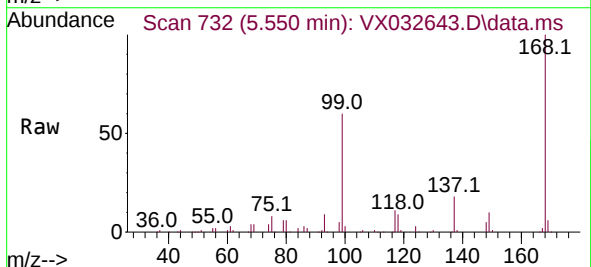
Instrument :
MSVOA_X
ClientSampleId :

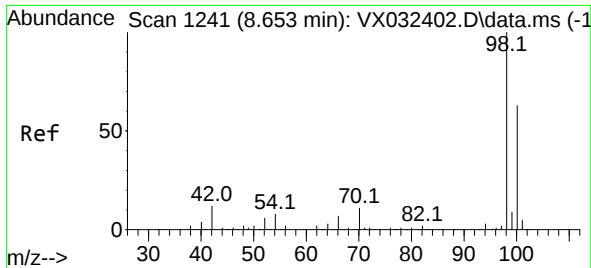
Tgt Ion: 75 Resp: 9382
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Tgt Ion: 117 Resp: 12412
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#

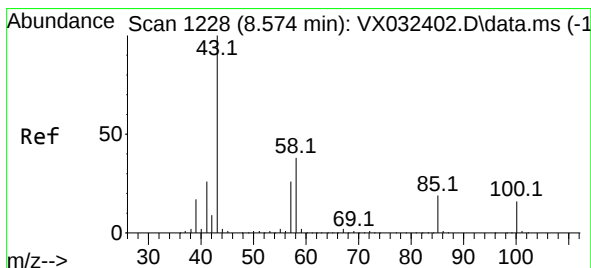
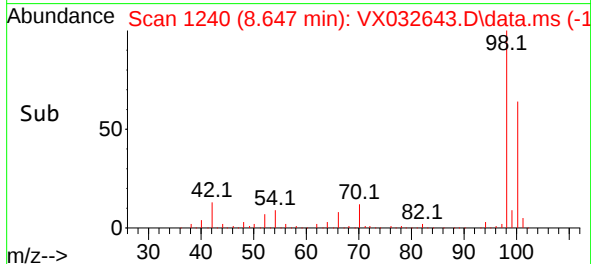
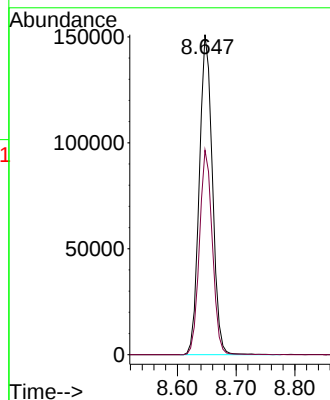
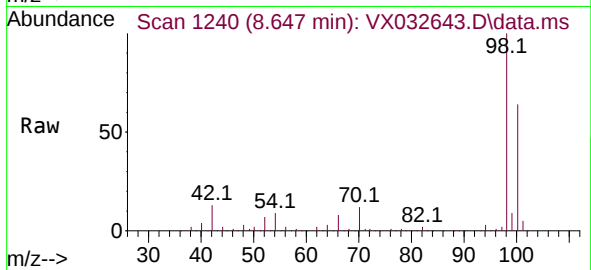




#50
Toluene-d8
Concen: 48.589 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

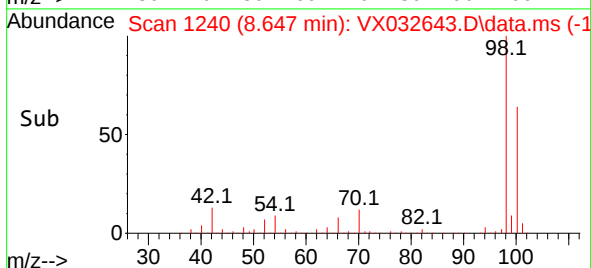
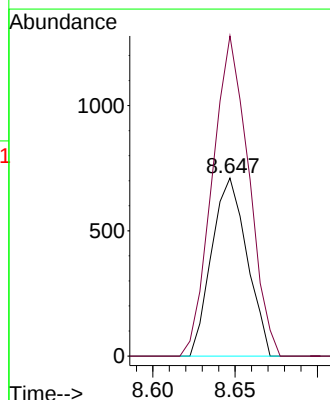
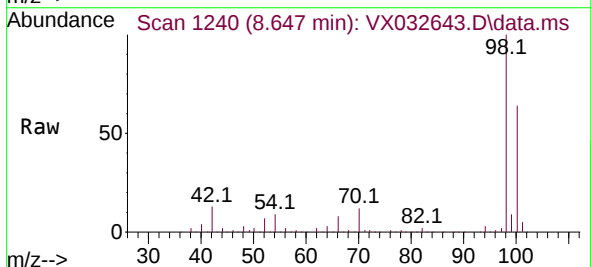
Instrument :
MSVOA_X
ClientSampleId :

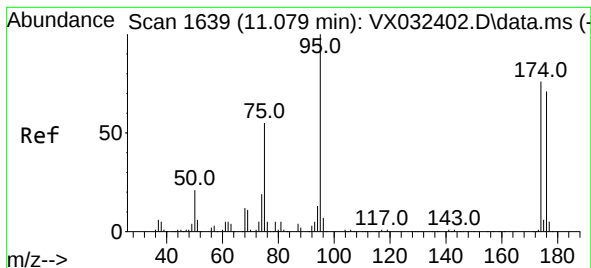
Tgt Ion: 98 Resp: 233628
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 185.2 30.9 46.3#

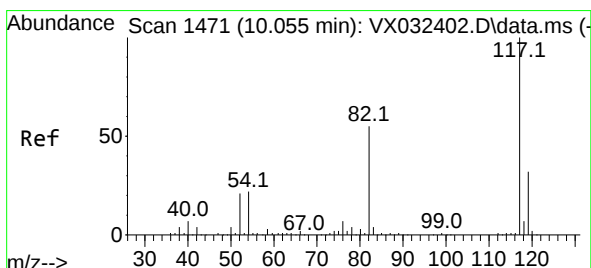
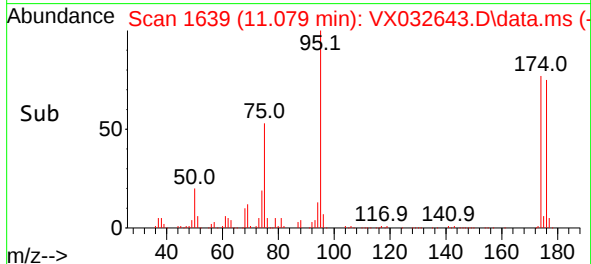
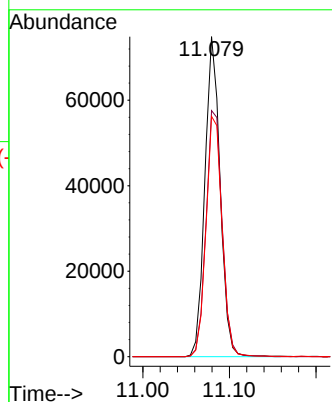
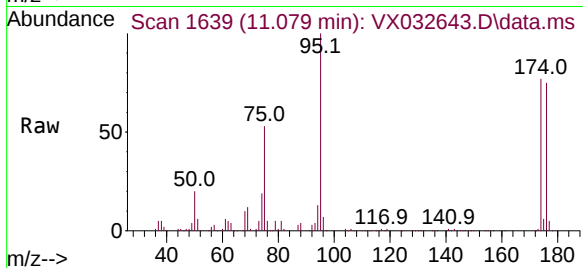




#62
4-Bromofluorobenzene
Concen: 48.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

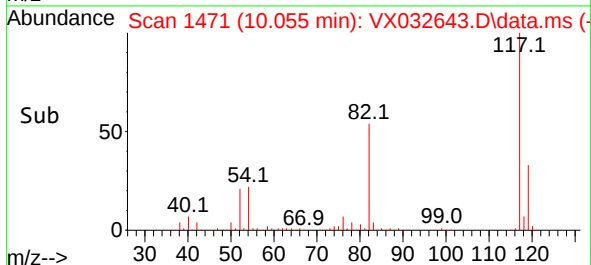
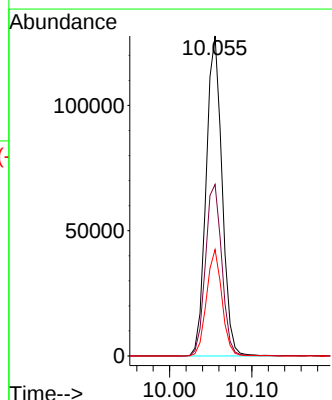
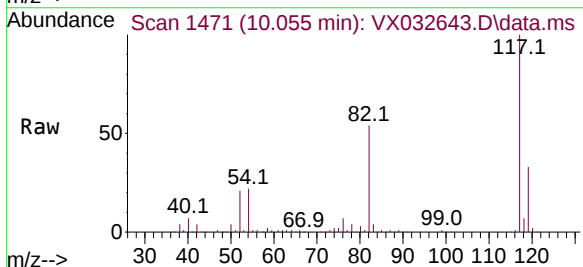
Instrument :
MSVOA_X
ClientSampleId :

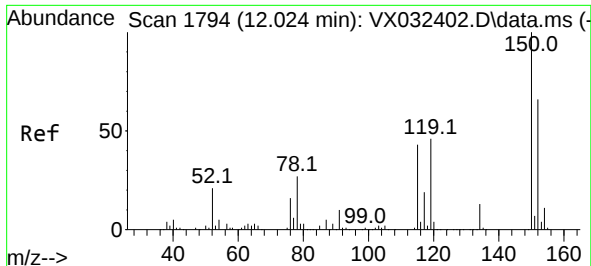
Tgt Ion: 95 Resp: 91382
Ion Ratio Lower Upper
95 100
174 81.6 0.0 164.0
176 79.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Tgt Ion: 117 Resp: 171701
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 33.2 25.7 38.5

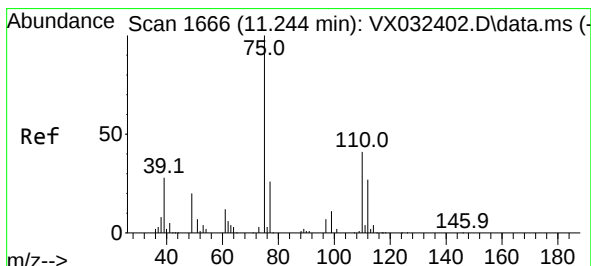
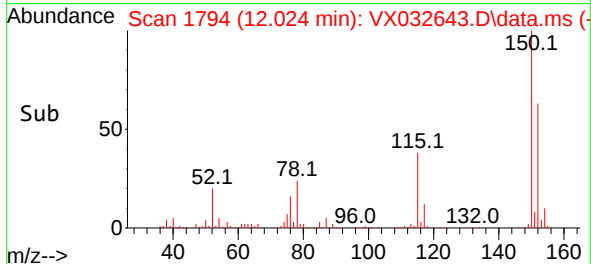
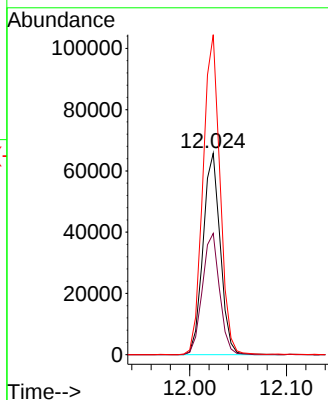
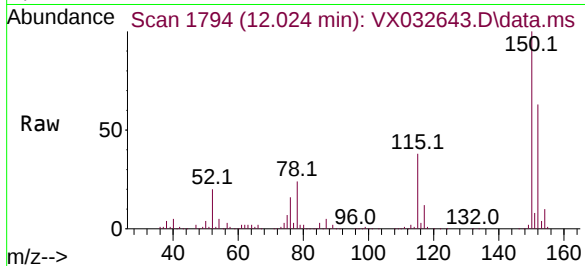




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

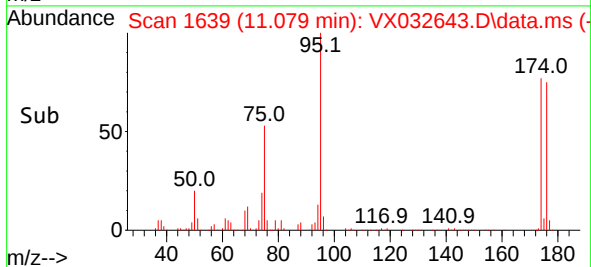
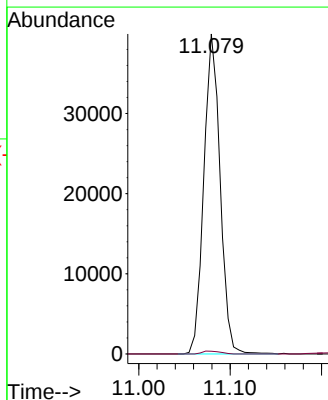
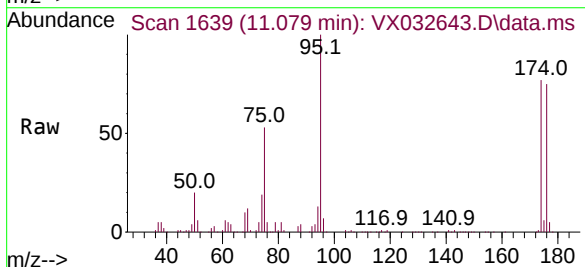
Instrument :
MSVOA_X
ClientSampleId :

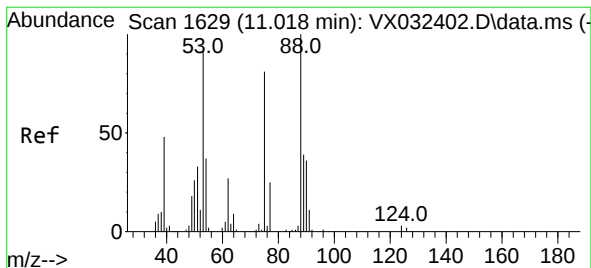
Tgt Ion:152 Resp: 81279
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 157.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.260 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

Tgt Ion: 75 Resp: 49293
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

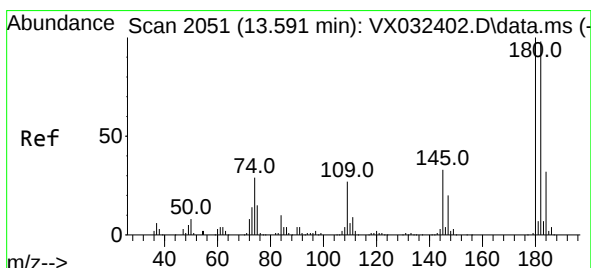
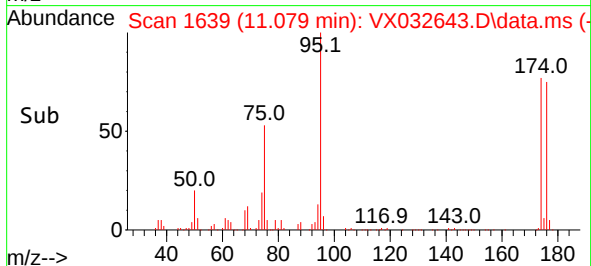
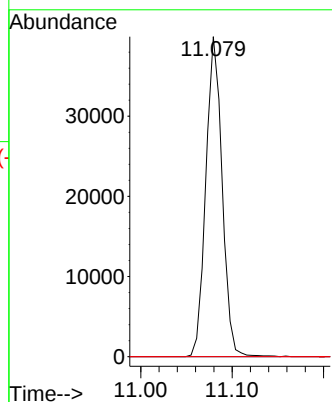
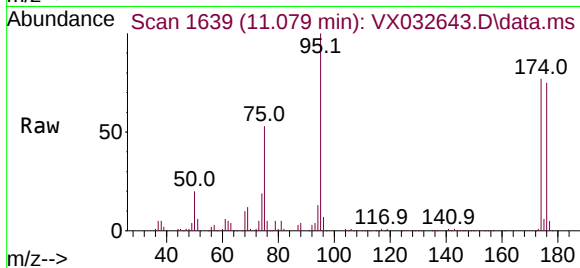




#81
trans-1,4-Dichloro-2-butene
Concen: 86.742 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

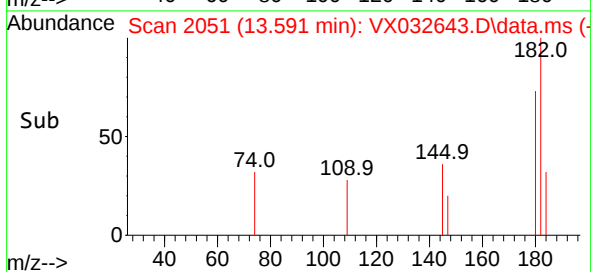
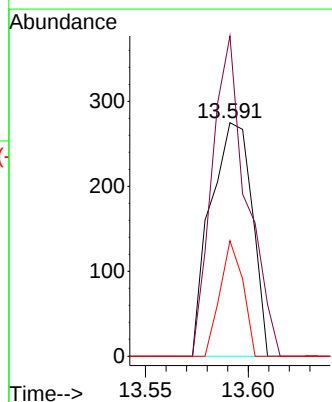
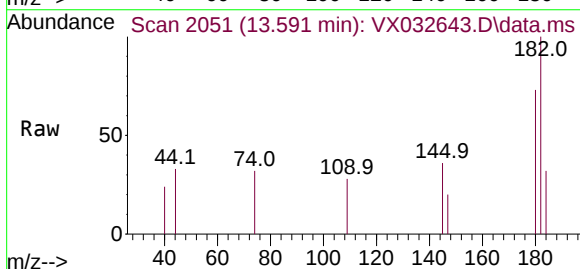
Instrument :
MSVOA_X
ClientSampleId :

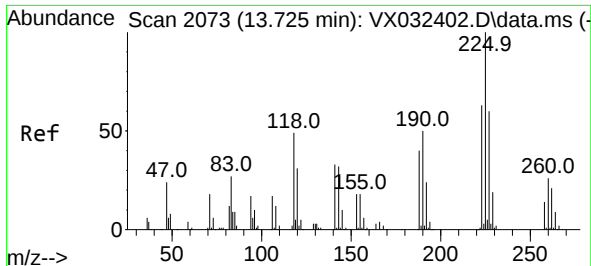
Tgt Ion: 75 Resp: 49293
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.201 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

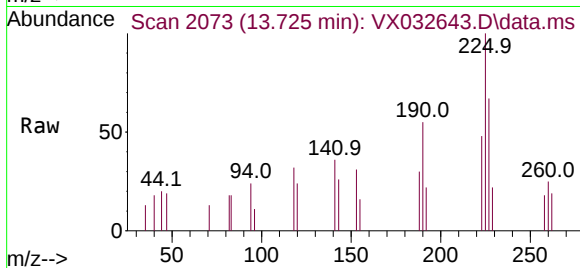
Tgt Ion:180 Resp: 385
Ion Ratio Lower Upper
180 100
182 114.5 48.4 145.0
145 27.3 16.2 48.5



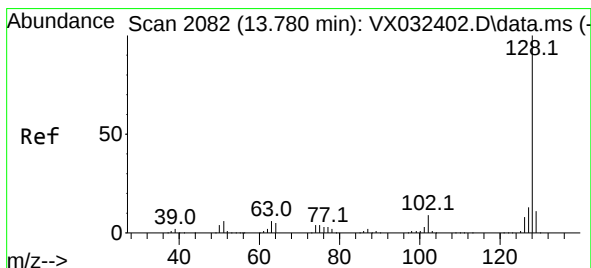
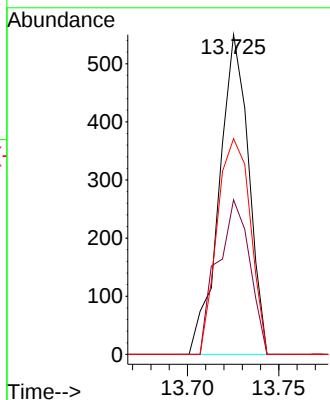
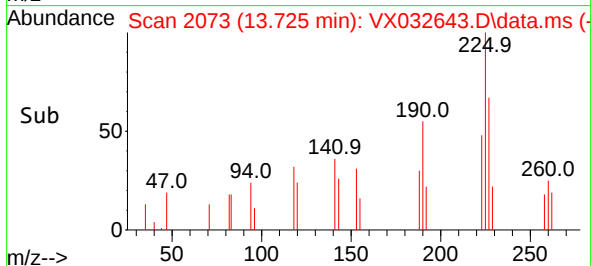


#94
Hexachlorobutadiene
Concen: 0.770 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57

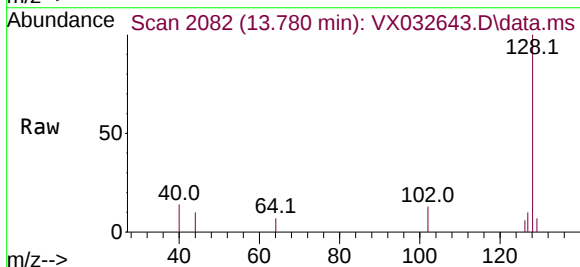
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:225 Resp: 616
Ion Ratio Lower Upper
225 100
223 53.1 31.9 95.9
227 75.6 31.9 95.5



#95
Naphthalene
Concen: 0.216 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032643.D
Acq: 08 Nov 2022 10:57



Tgt Ion:128 Resp: 1376
Ion Ratio Lower Upper
128 100
127 9.5 10.2 15.4#
129 6.7 8.9 13.3#

