

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024666.D
 Acq On : 08 Oct 2021 12:54
 Operator : JC/MD
 Sample : VX1008MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 16:27:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

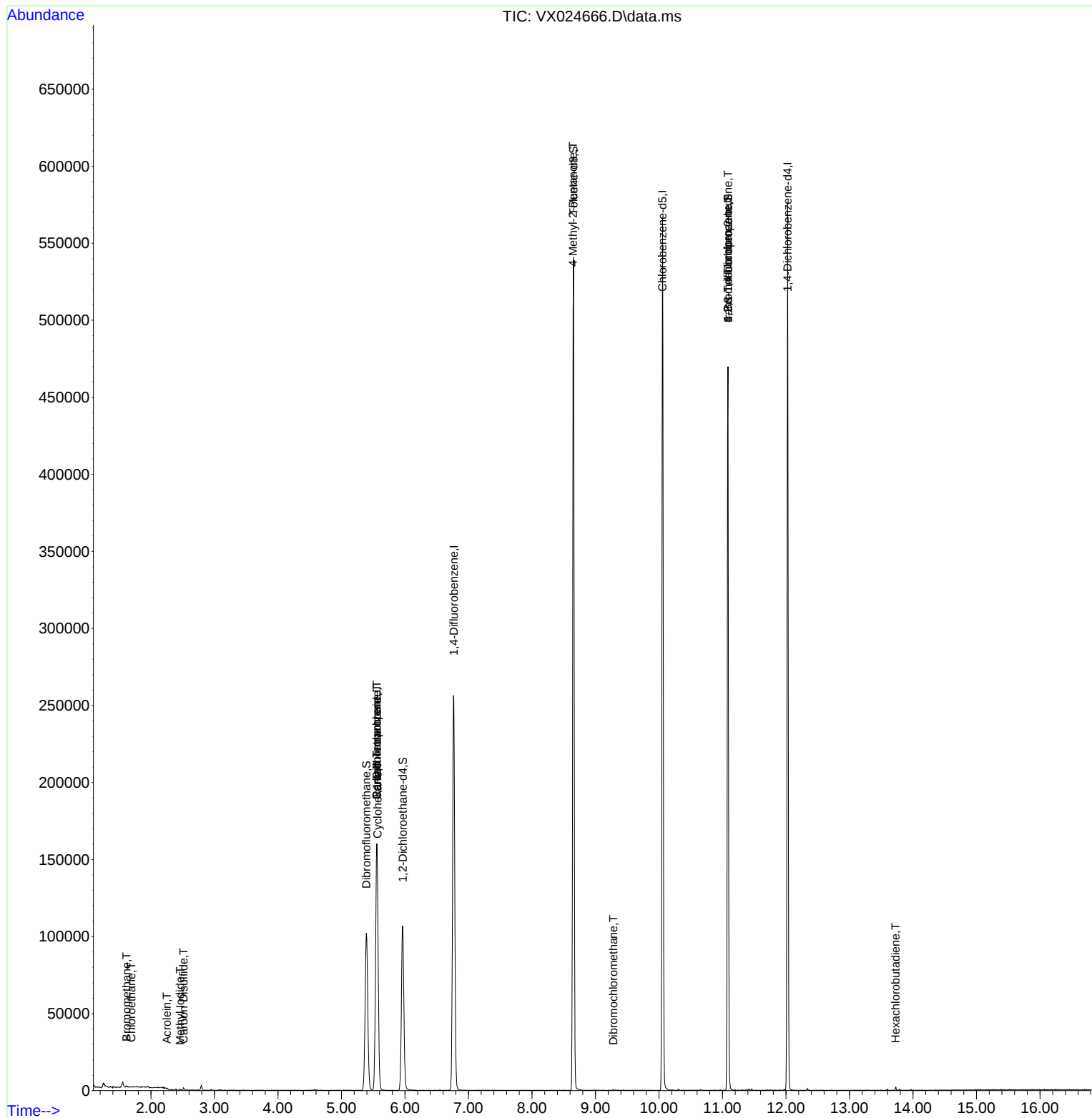
Internal Standards						
1) Pentafluorobenzene	5.556	168	150861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108680	51.115	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.220%		
35) Dibromofluoromethane	5.391	113	87329	50.355	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.700%		
50) Toluene-d8	8.653	98	317452	49.734	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.460%		
62) 4-Bromofluorobenzene	11.086	95	119318	47.543	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.080%		
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	378	0.375	ug/l	88
6) Chloroethane	1.691	64	95	0.353	ug/l #	43
10) Methyl Iodide	2.459	142	463	0.222	ug/l #	70
11) Tert butyl alcohol	2.953	59	228	Below Cal	#	73
13) Acrolein	2.252	56	22	10.241	ug/l #	1
16) Acetone	2.386	43	737	Below Cal	#	85
17) Carbon Disulfide	2.514	76	1440	0.630	ug/l #	92
20) Methylene Chloride	2.794	84	1335	Below Cal	#	84
31) Cyclohexane	5.568	56	3250	1.277	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	11585	4.629	ug/l #	48
38) Carbon Tetrachloride	5.556	117	15551	5.708	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1574	0.502	ug/l #	1
60) Dibromochloromethane	9.281	129	88	1.227	ug/l #	11
76) 1,2,3-Trichloropropane	11.086	75	63832	25.242	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	63832	68.814	ug/l #	12
94) Hexachlorobutadiene	13.725	225	353	0.318	ug/l	89

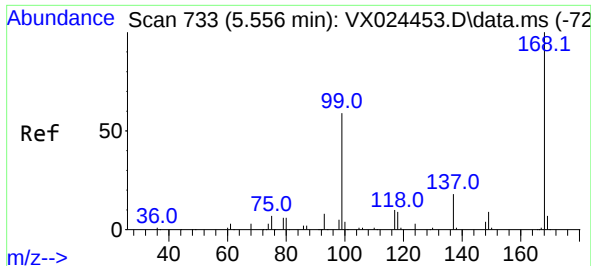
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

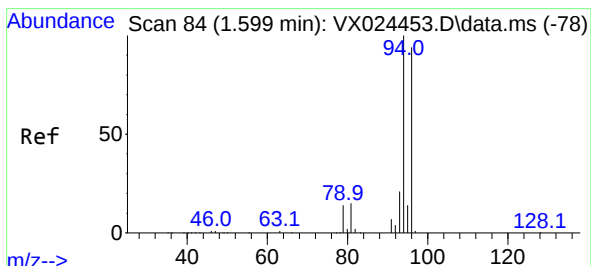
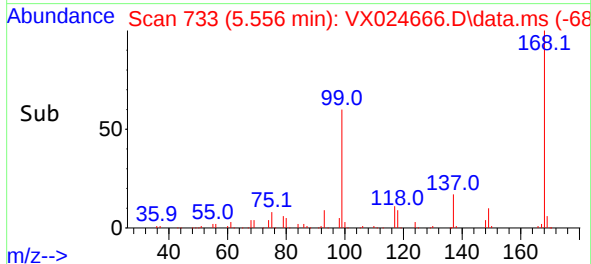
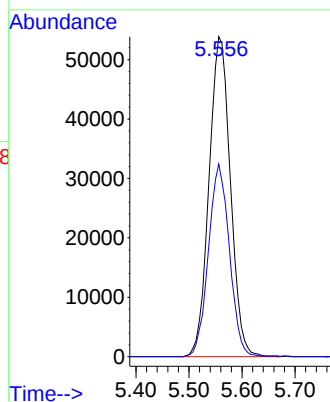
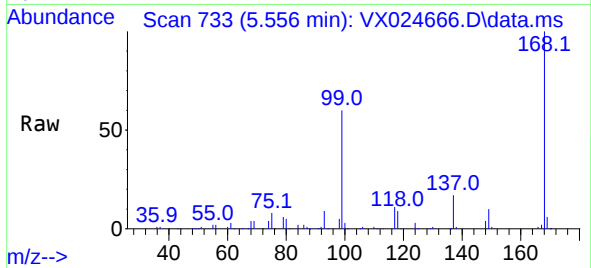




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

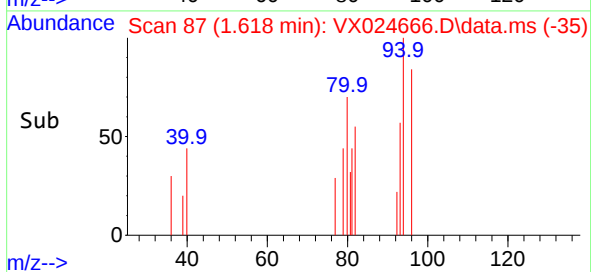
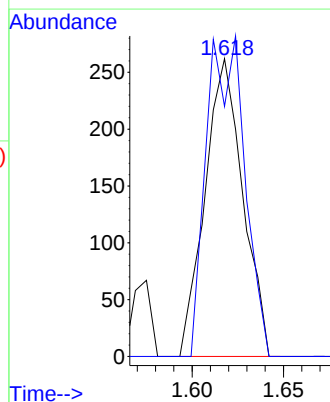
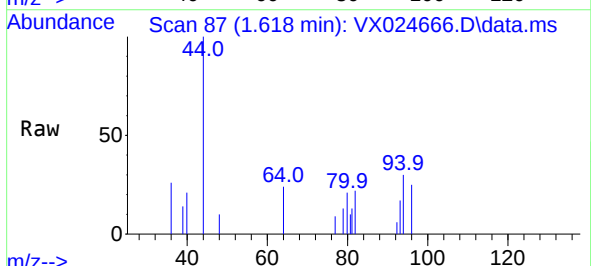
Instrument :
MSVOA_X
ClientSampled :

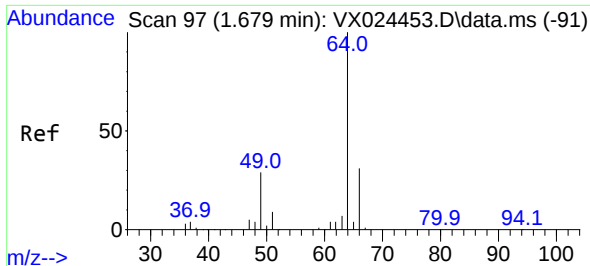
Tgt Ion:168 Resp: 150861
Ion Ratio Lower Upper
168 100
99 60.2 45.8 68.6



#5
Bromomethane
Concen: 0.375 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 94 Resp: 378
Ion Ratio Lower Upper
94 100
96 84.0 76.4 114.6

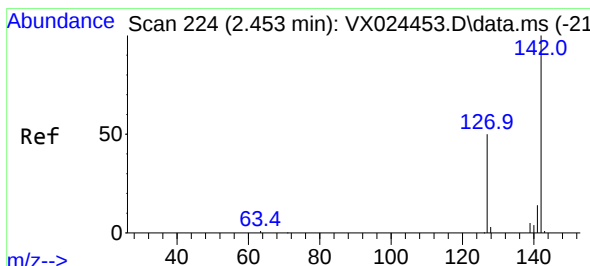
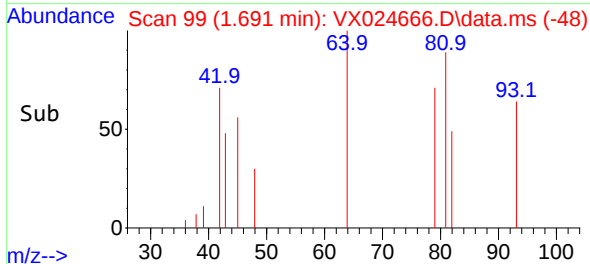
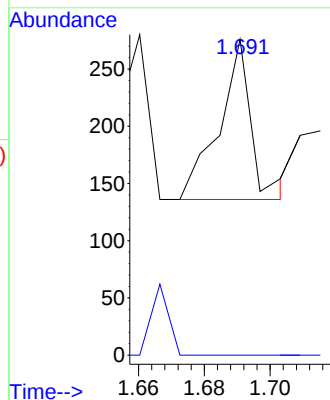
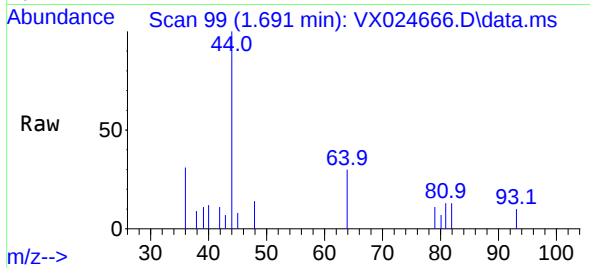




#6
Chloroethane
Concen: 0.353 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

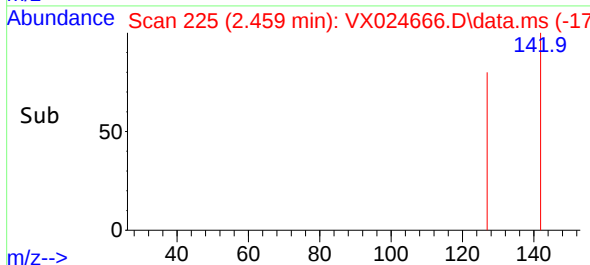
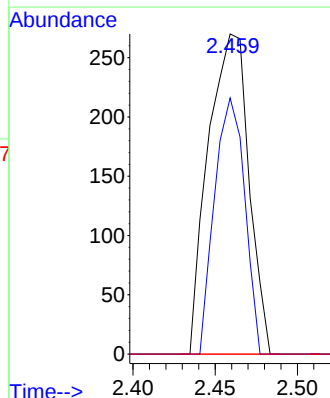
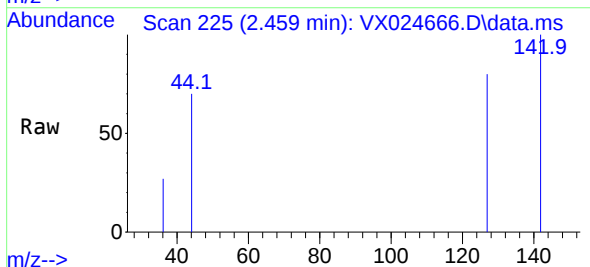
Instrument :
MSVOA_X
ClientSampled :

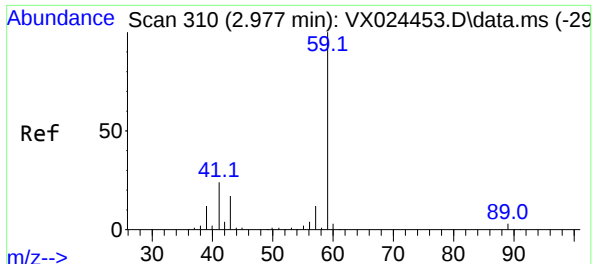
Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 142 Resp: 463
Ion Ratio Lower Upper
142 100
127 59.4 33.3 49.9#
141 0.0 11.4 17.0#

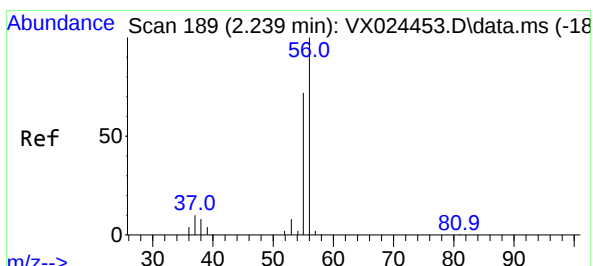
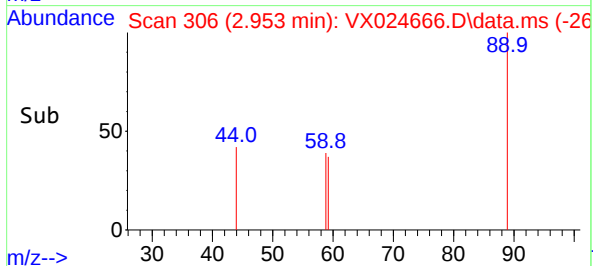
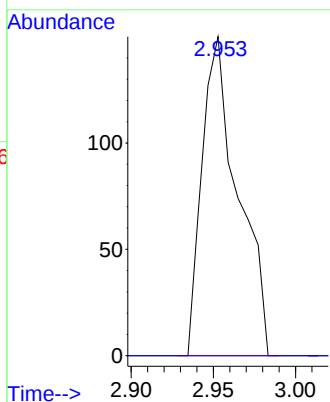
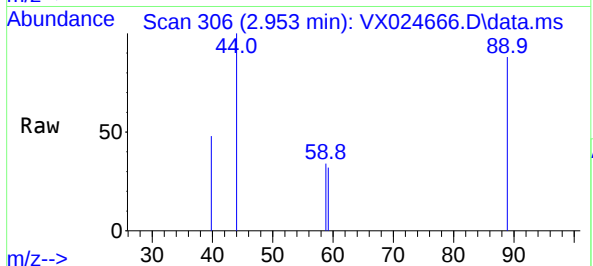




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

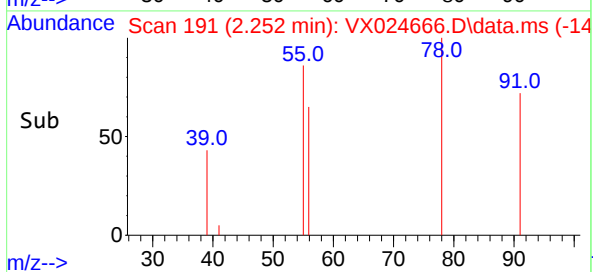
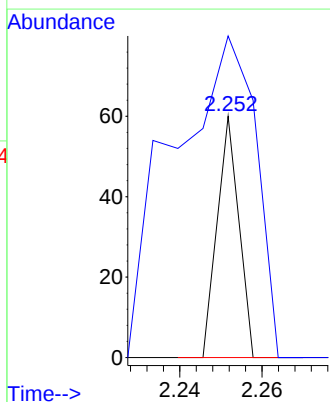
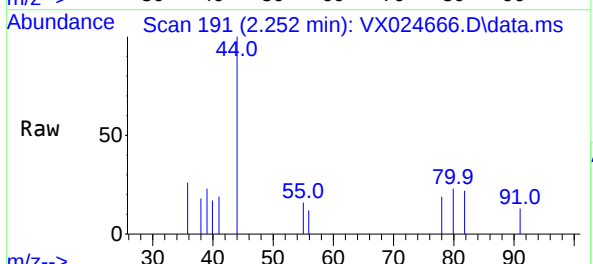
Instrument :
MSVOA_X
ClientSampled :

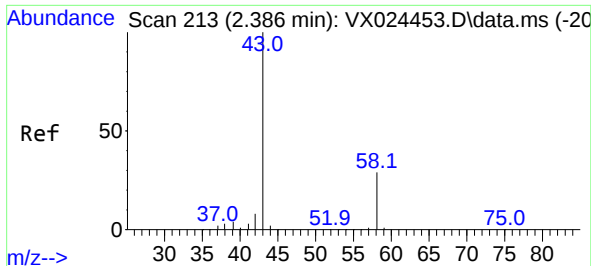
Tgt Ion: 59 Resp: 228
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 10.241 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 509.1 56.4 84.6#

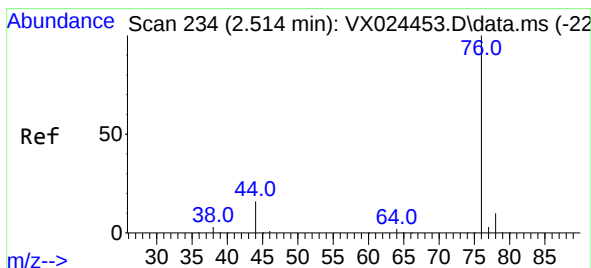
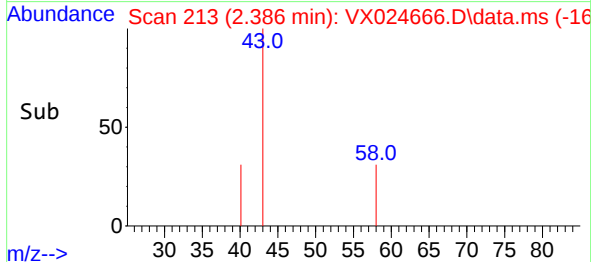
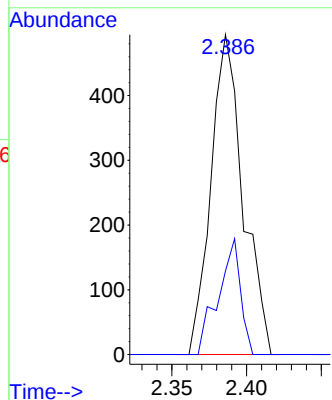
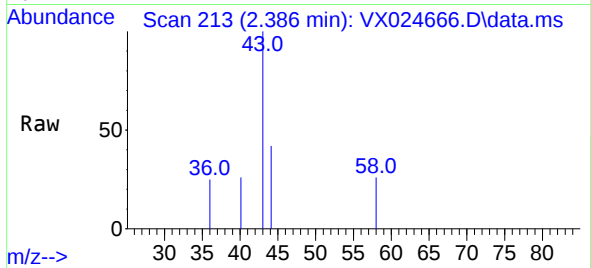




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

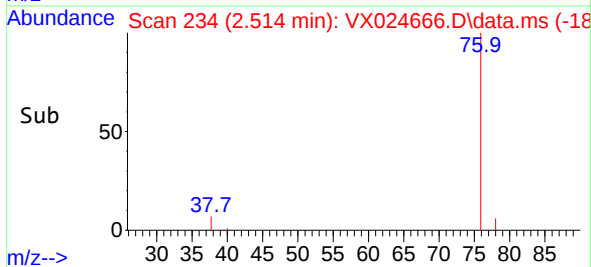
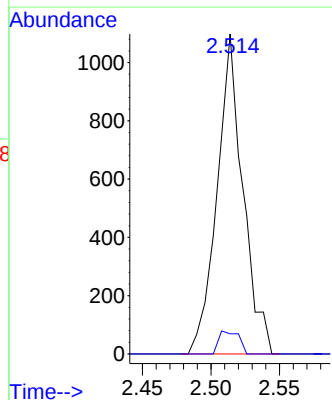
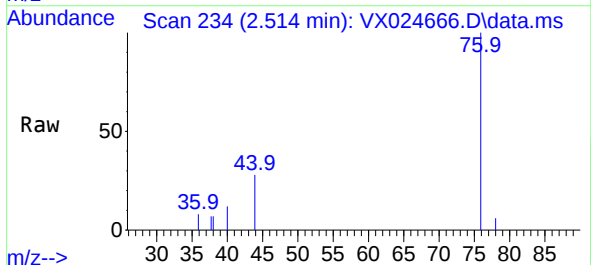
Instrument :
MSVOA_X
ClientSampled :

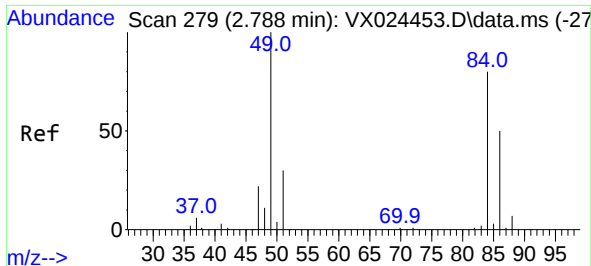
Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 26.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.630 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 76 Resp: 1440
Ion Ratio Lower Upper
76 100
78 6.3 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

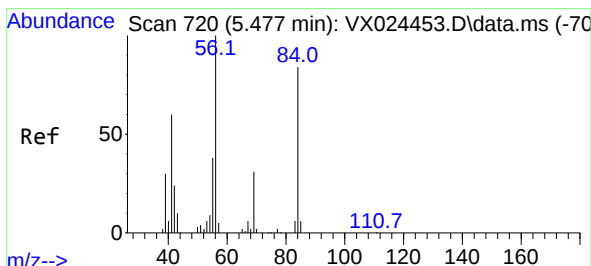
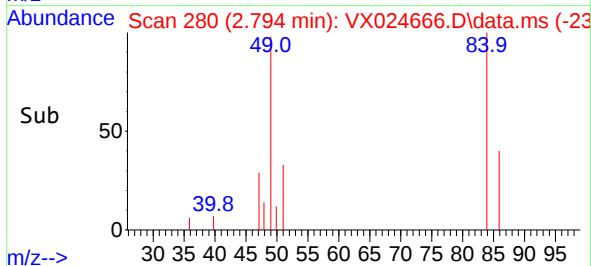
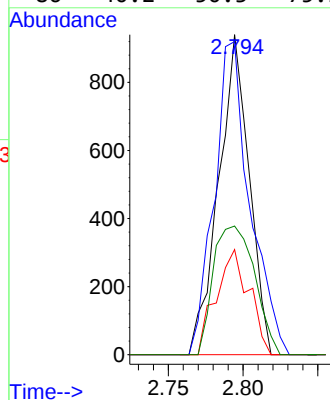
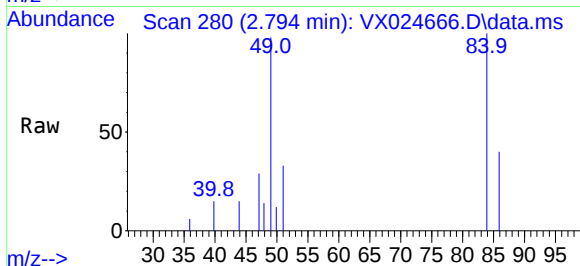
Lab File: VX024666.D

Acq: 08 Oct 2021 12:54

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 1335

Ion	Ratio	Lower	Upper
84	100		
49	97.9	88.6	132.8
51	32.9	27.0	40.6
86	40.2	50.3	75.5#



#31

Cyclohexane

Concen: 1.277 ug/l

RT: 5.568 min Scan# 735

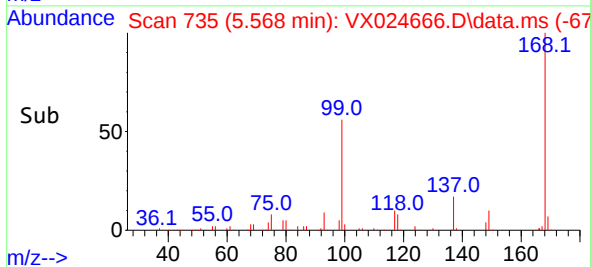
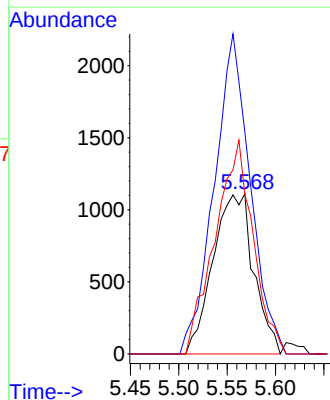
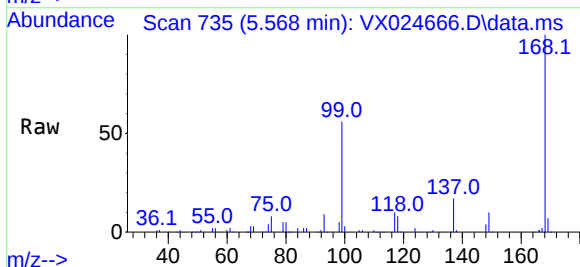
Delta R.T. 0.091 min

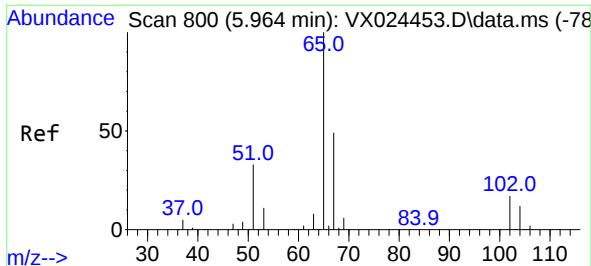
Lab File: VX024666.D

Acq: 08 Oct 2021 12:54

Tgt Ion: 56 Resp: 3250

Ion	Ratio	Lower	Upper
56	100		
69	138.7	25.3	37.9#
84	99.4	71.4	107.0



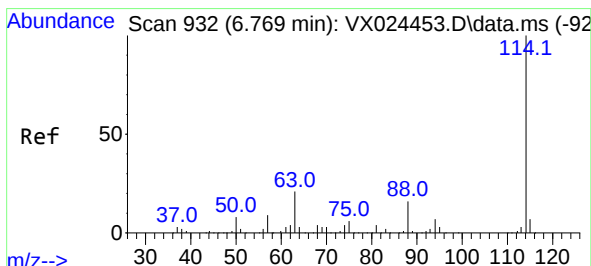
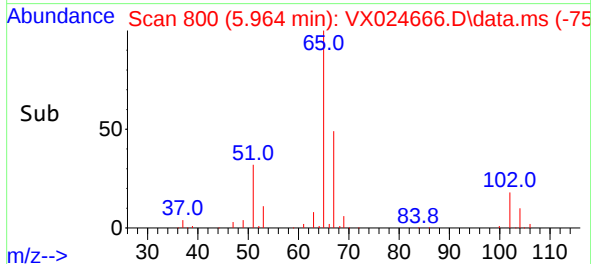
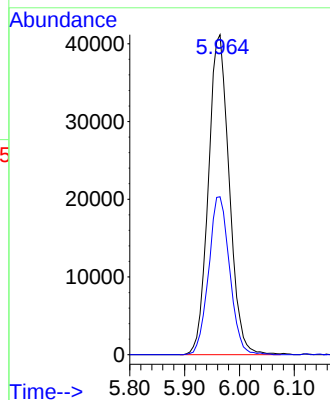
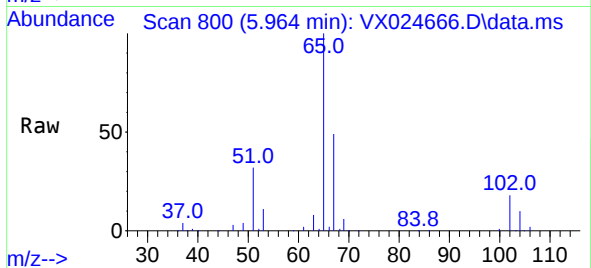


#33

1,2-Dichloroethane-d4
Concen: 51.115 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Instrument :
MSVOA_X
ClientSampled :

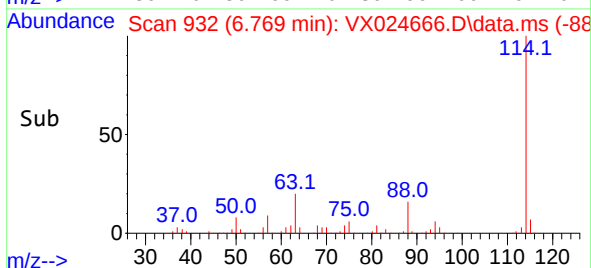
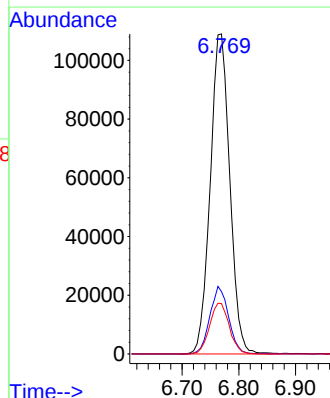
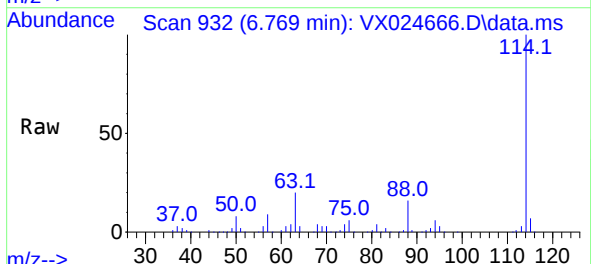
Tgt Ion: 65 Resp: 108680
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

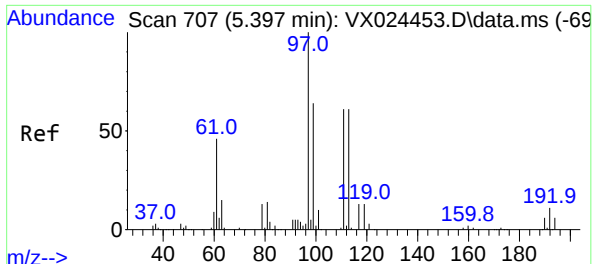


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 114 Resp: 261058
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.7 0.0 32.8



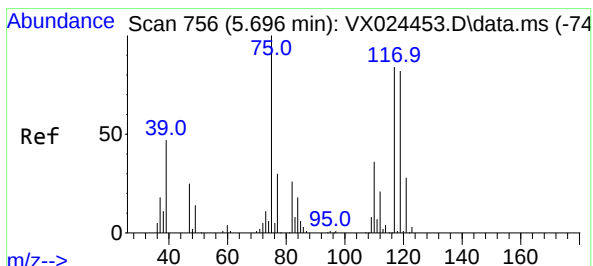
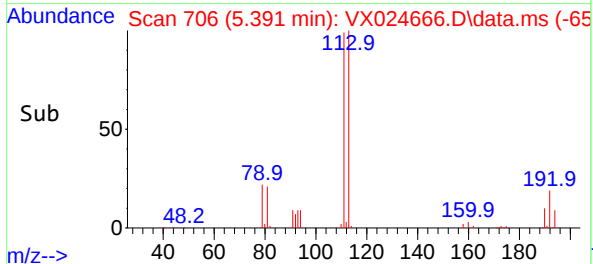
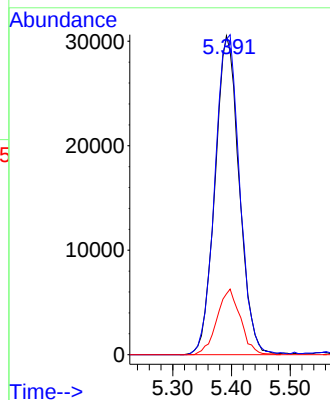
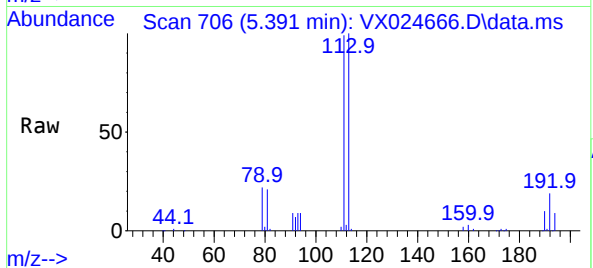


#35

Dibromofluoromethane
Concen: 50.355 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Instrument :
MSVOA_X
ClientSampleId :

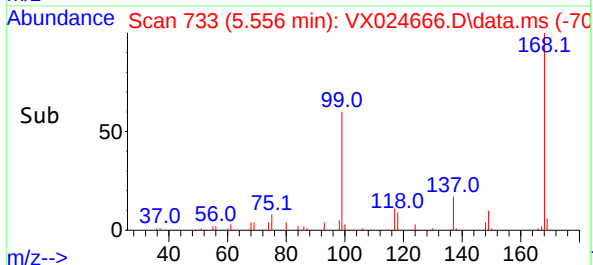
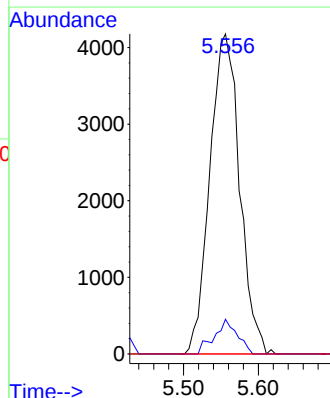
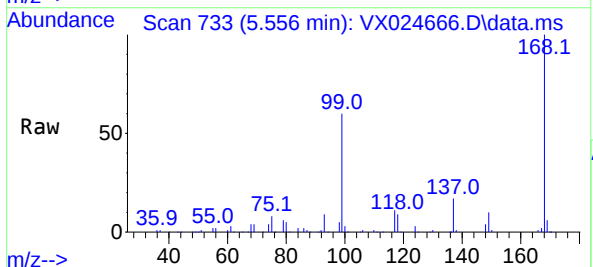
Tgt Ion:113 Resp: 87329
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.9 16.7 25.1

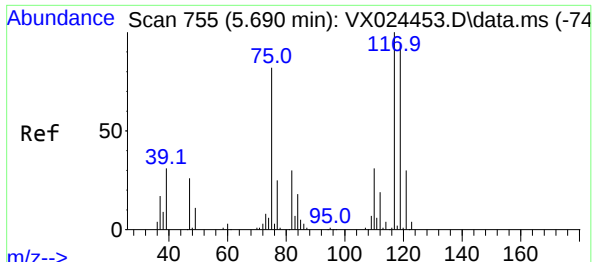


#36

1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

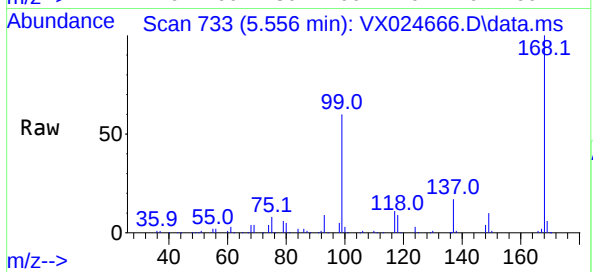
Tgt Ion: 75 Resp: 11585
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



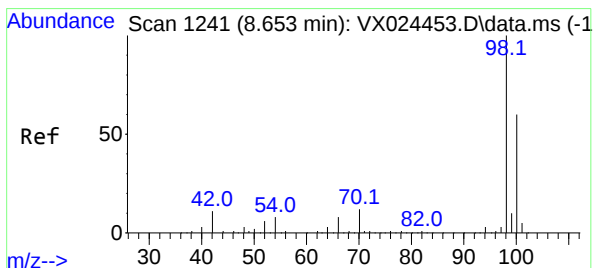
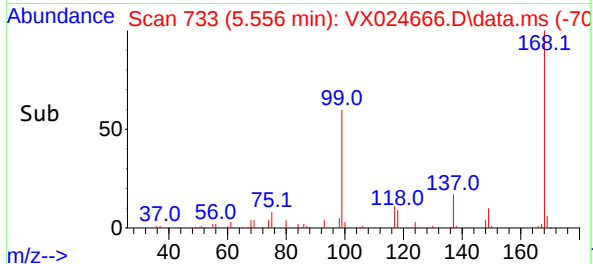
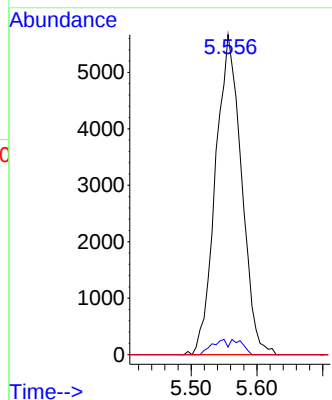


#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Instrument :
MSVOA_X
ClientSampled :

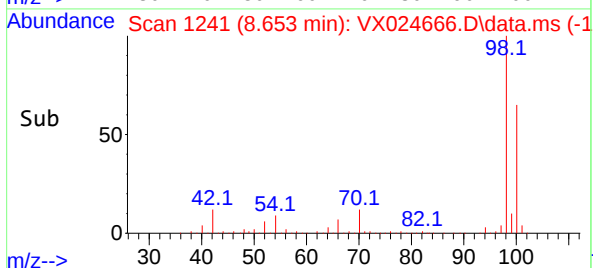
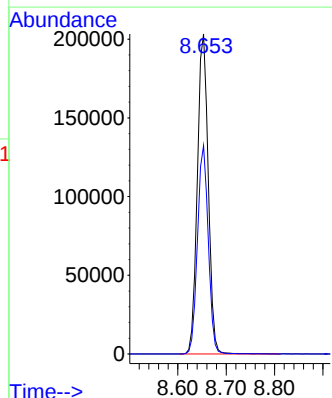
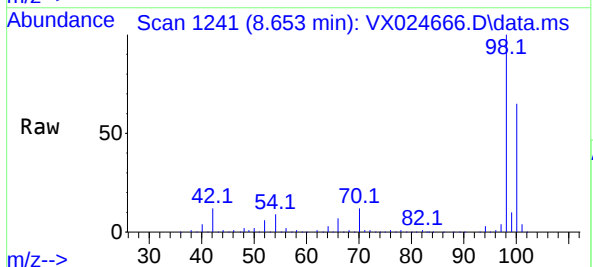


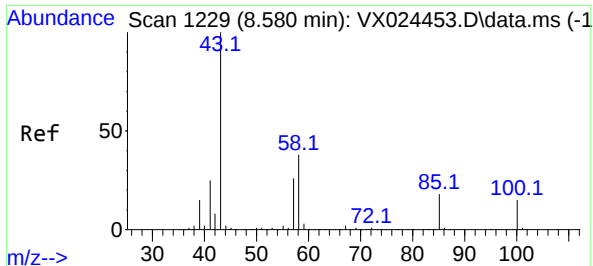
Tgt Ion:117 Resp: 15551
Ion Ratio Lower Upper
117 100
119 2.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.734 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 98 Resp: 317452
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

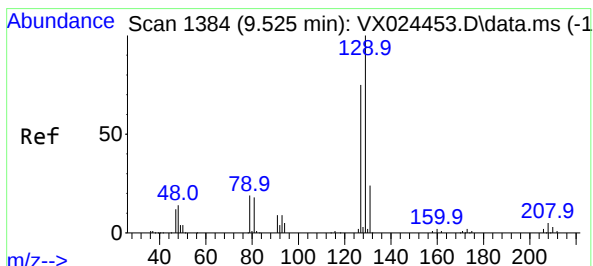
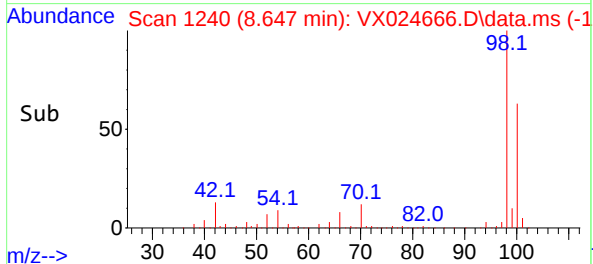
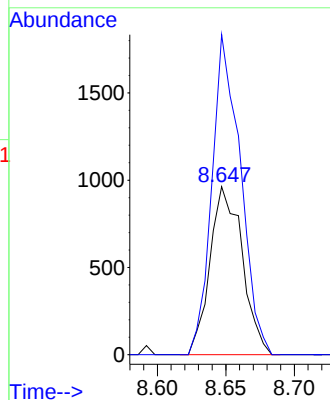
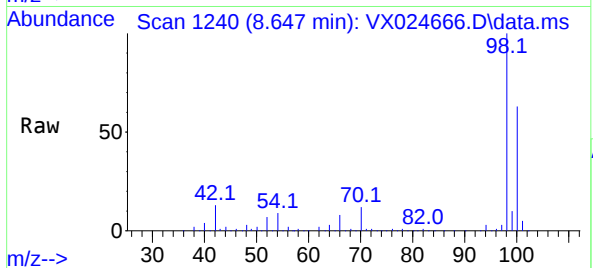




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

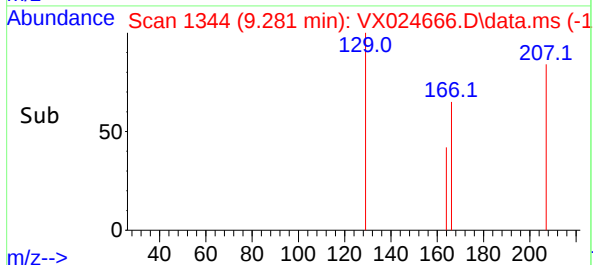
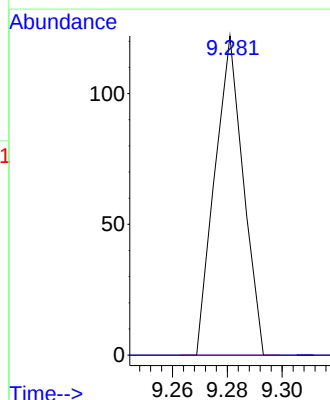
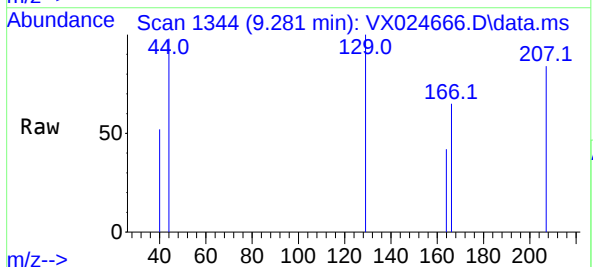
Instrument :
MSVOA_X
ClientSampled :

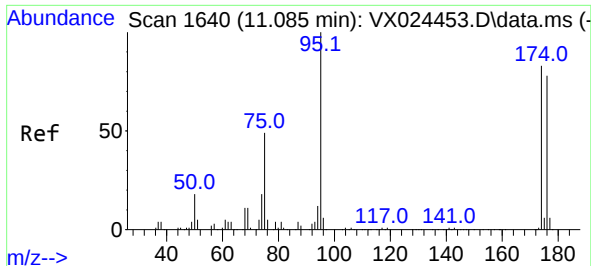
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 169.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.227 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 129 Resp: 88
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

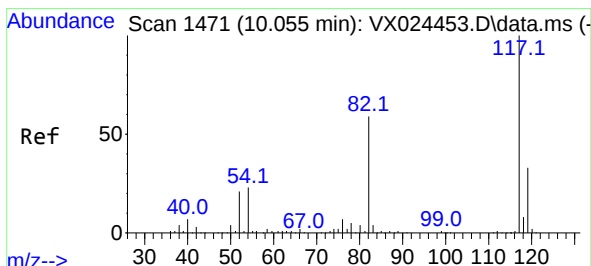
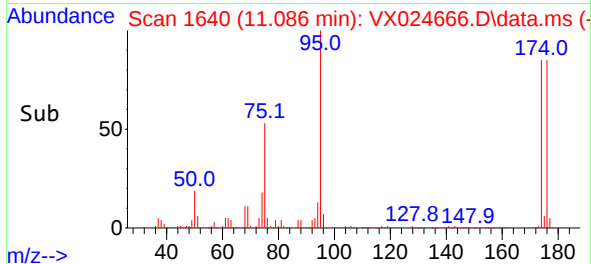
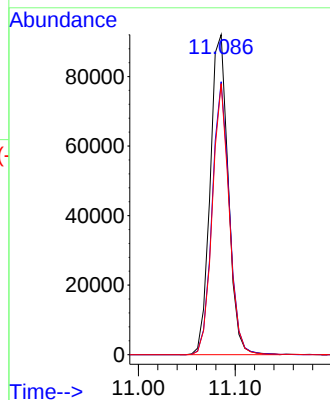
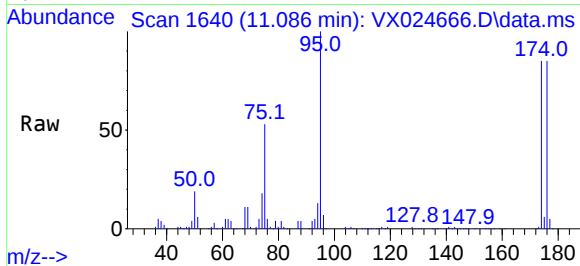




#62
4-Bromofluorobenzene
Concen: 47.543 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

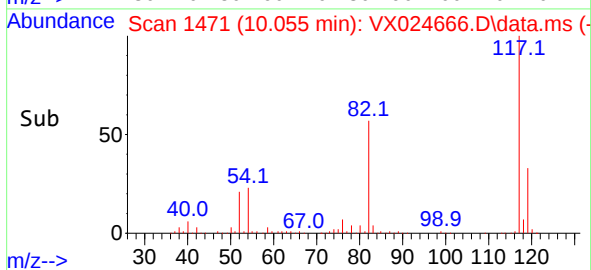
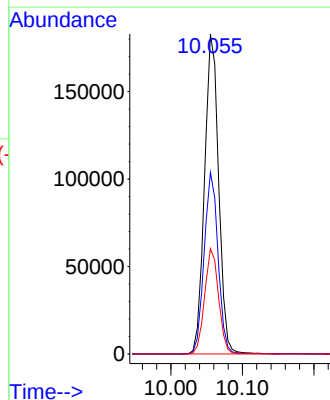
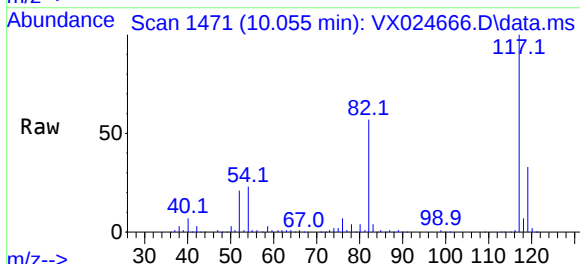
Instrument :
MSVOA_X
ClientSampled :

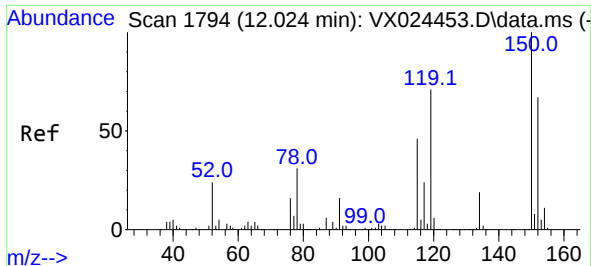
Tgt Ion: 95 Resp: 119318
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 79.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 117 Resp: 250838
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 33.0 26.6 39.8

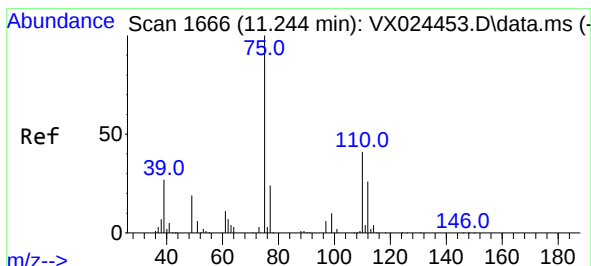
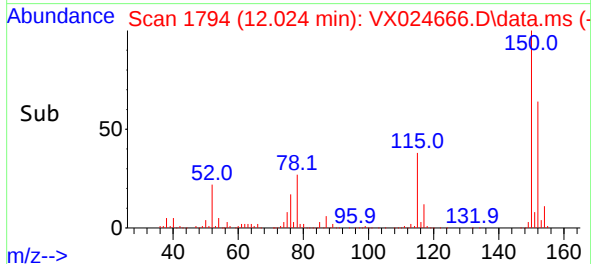
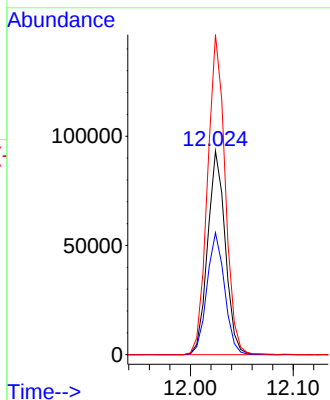
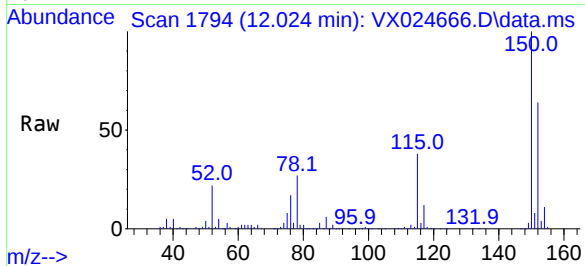




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

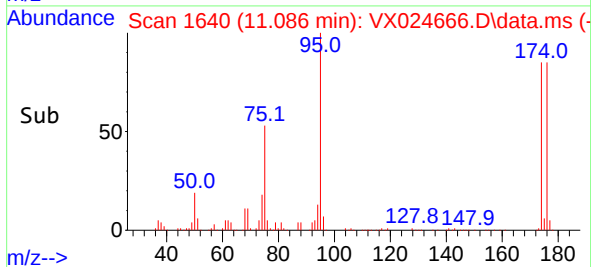
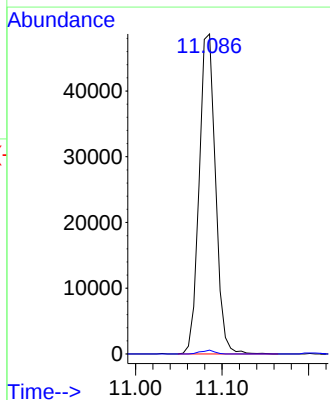
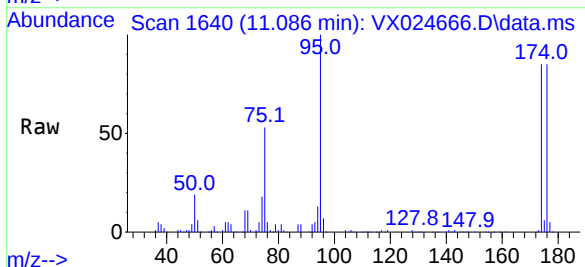
Instrument :
MSVOA_X
ClientSampled :

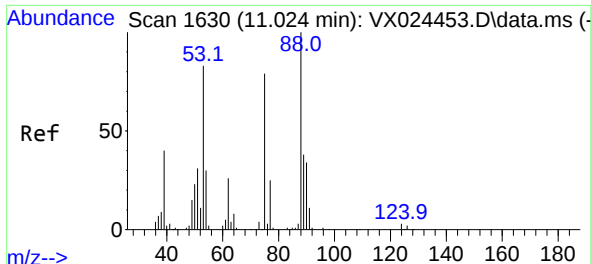
Tgt Ion:152 Resp: 111356
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.242 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 75 Resp: 63832
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

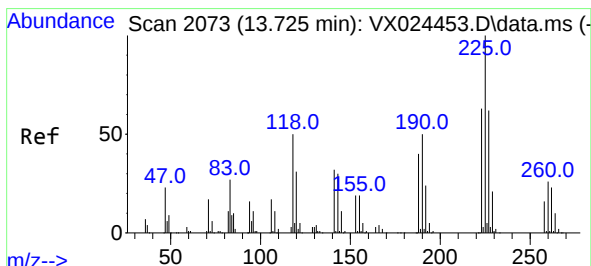
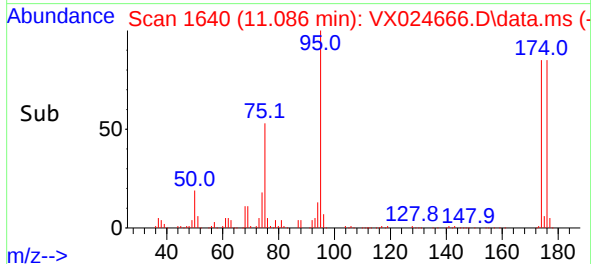
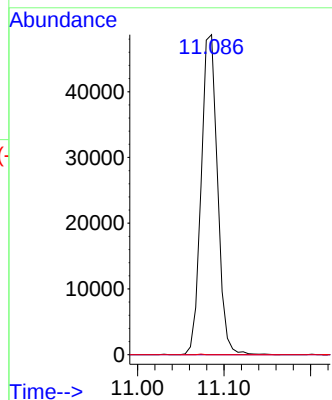
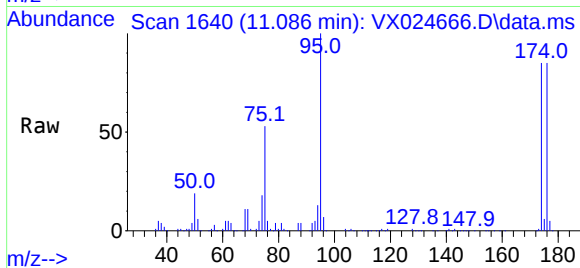




#81
trans-1,4-Dichloro-2-butene
Concen: 68.814 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 63832
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.318 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024666.D
Acq: 08 Oct 2021 12:54

Tgt Ion: 225 Resp: 353
Ion Ratio Lower Upper
225 100
223 70.5 31.1 93.2
227 55.0 31.6 95.0

