

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024613.D
 Acq On : 06 Oct 2021 11:41
 Operator : JC/MD
 Sample : VX1006WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 06 15:21:43 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)

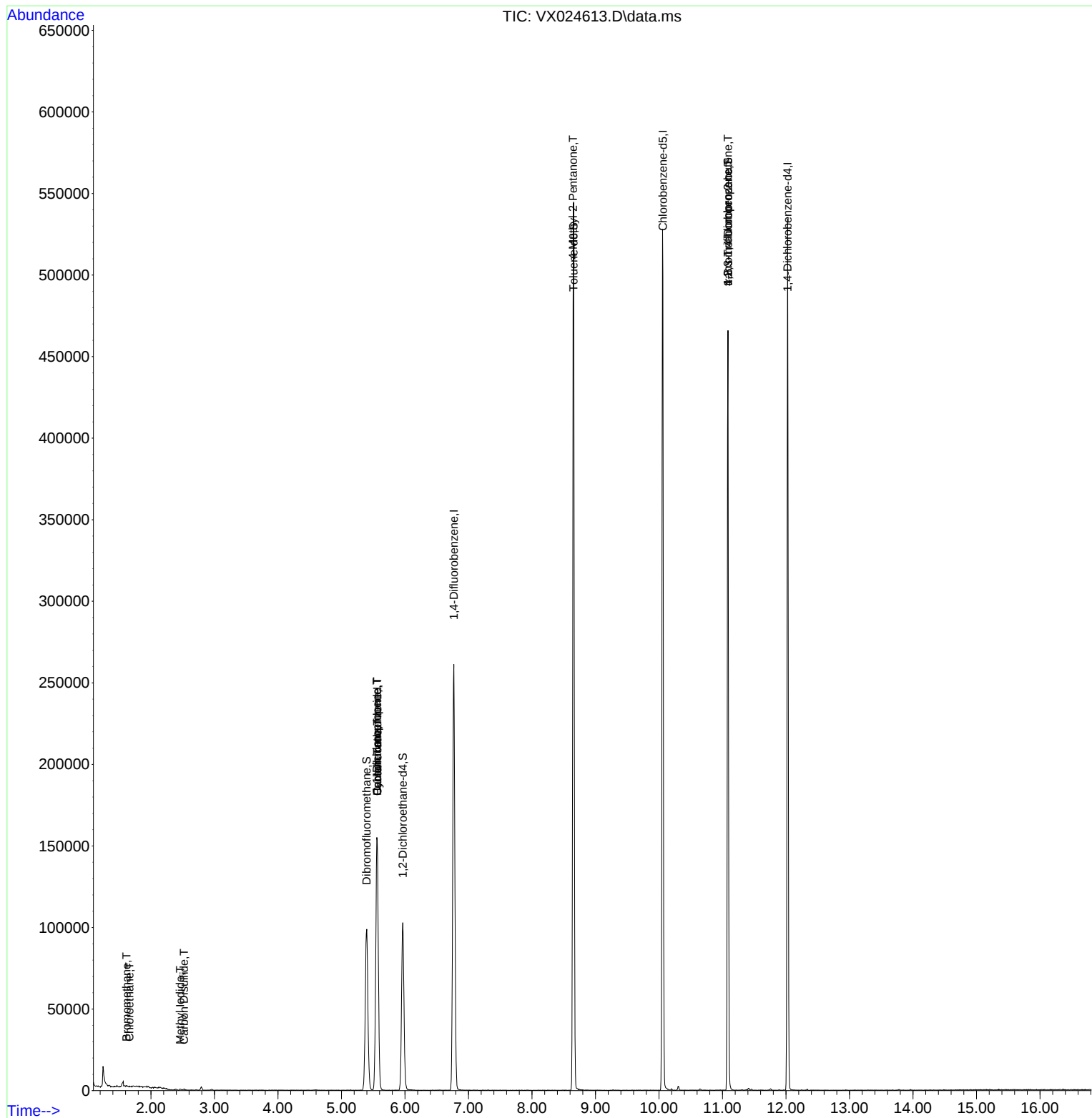
Internal Standards						
1) Pentafluorobenzene	5.562	168	146279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	249918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102890	49.907	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.820%
35) Dibromofluoromethane	5.397	113	85696	49.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.480%
50) Toluene-d8	8.653	98	315089	49.193	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.085	95	122098	48.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.960%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	250	0.256	ug/l #	52
6) Chloroethane	1.660	64	304	0.571	ug/l #	43
10) Methyl Iodide	2.459	142	721	0.357	ug/l #	87
11) Tert butyl alcohol	2.959	59	312	Below Cal	#	73
16) Acetone	2.380	43	629	Below Cal	#	40
17) Carbon Disulfide	2.520	76	638	0.411	ug/l #	75
20) Methylene Chloride	2.794	84	875	Below Cal	#	88
31) Cyclohexane	5.562	56	3027	1.226	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	11321	4.508	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15282	5.590	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1383	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	61767	24.667	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	61767	67.291	ug/l #	12

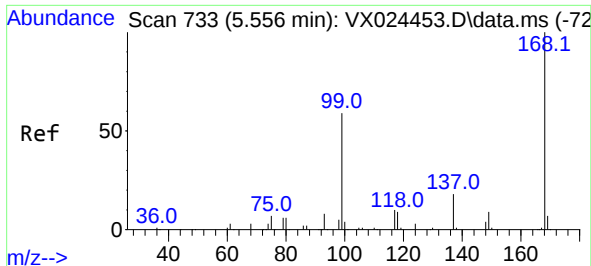
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
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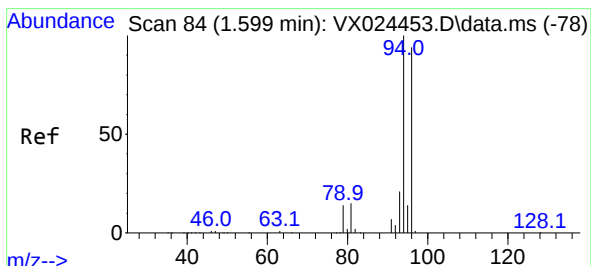
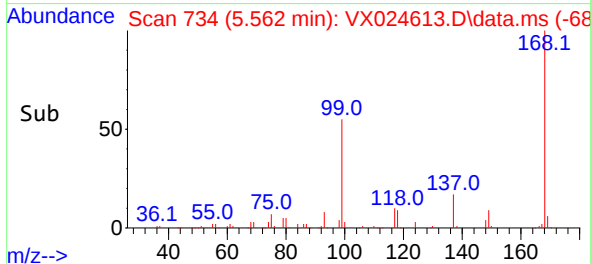
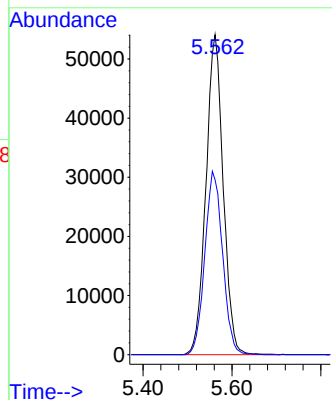
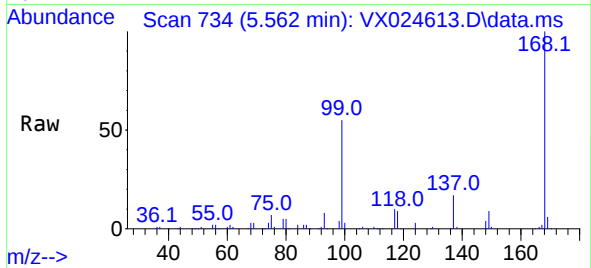




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

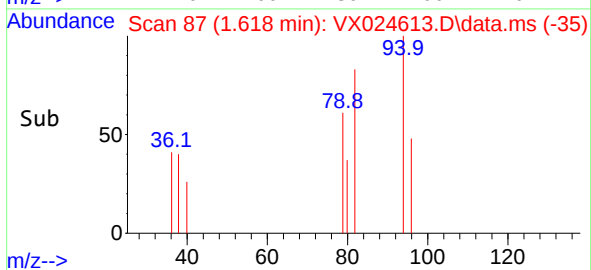
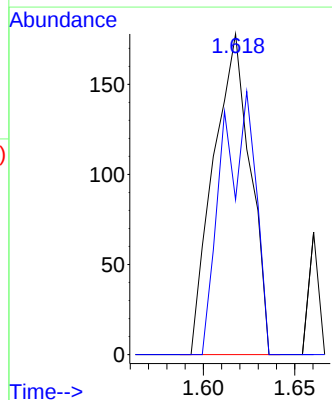
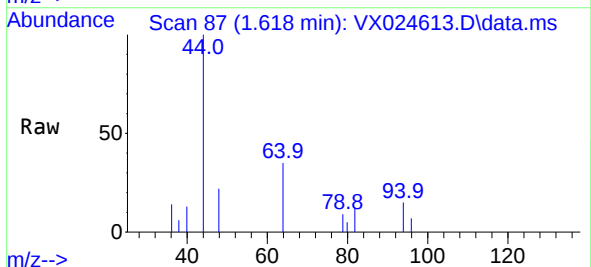
Instrument :
MSVOA_X
ClientSampled :

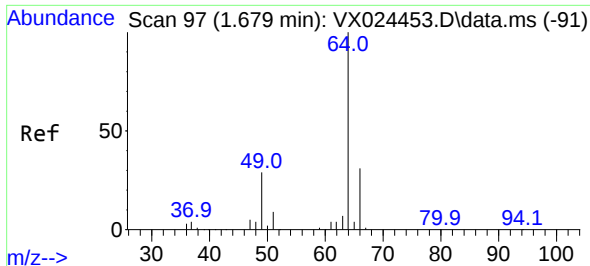
Tgt Ion:168 Resp: 146279
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#5
Bromomethane
Concen: 0.256 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

Tgt Ion: 94 Resp: 250
Ion Ratio Lower Upper
94 100
96 48.3 76.4 114.6#

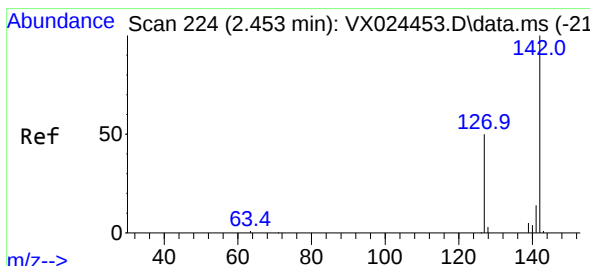
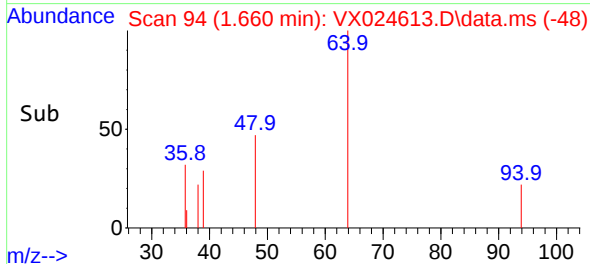
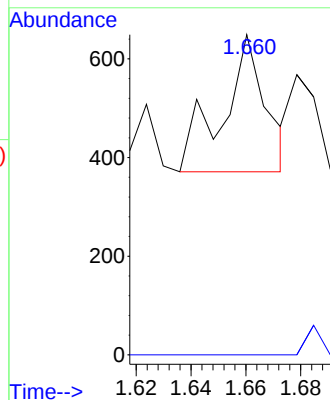
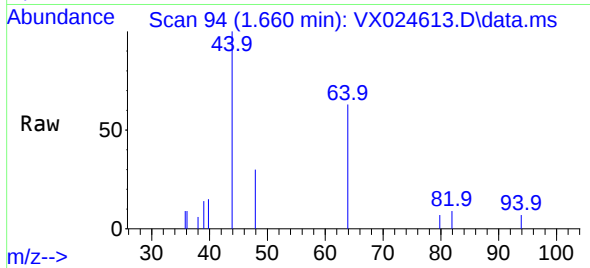




#6
Chloroethane
Concen: 0.571 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

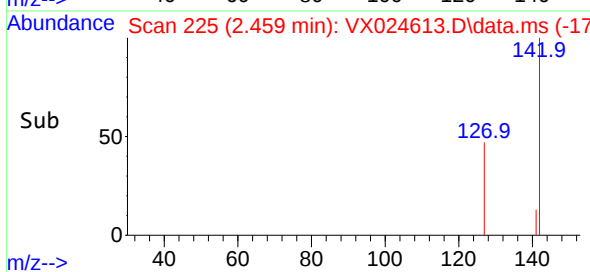
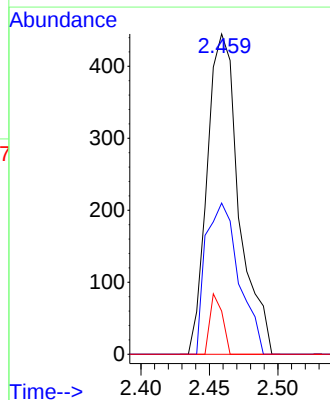
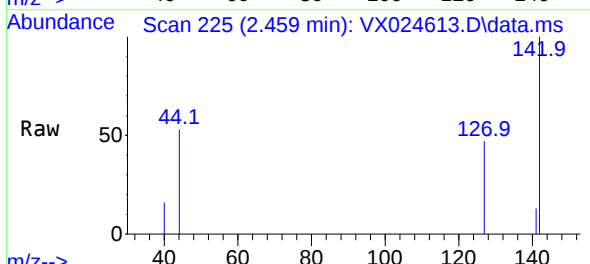
Instrument :
MSVOA_X
ClientSampled :

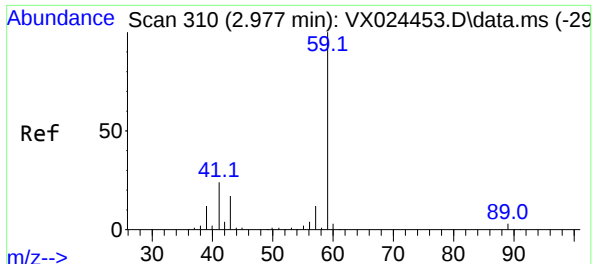
Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.357 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

Tgt Ion: 142 Resp: 721
Ion Ratio Lower Upper
142 100
127 49.1 33.3 49.9
141 7.4 11.4 17.0#



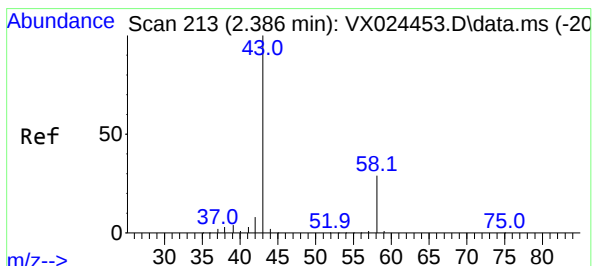
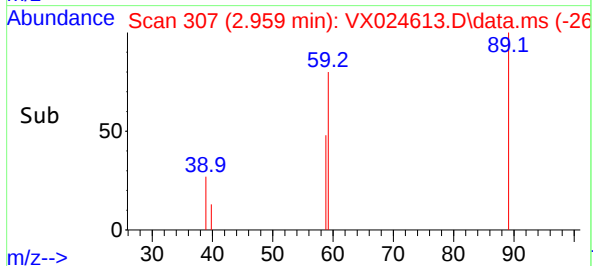
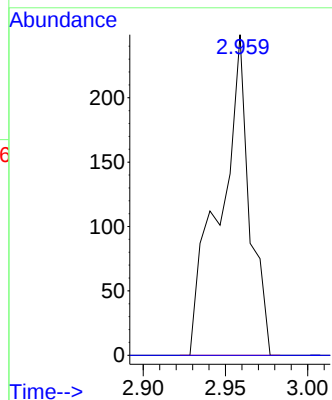
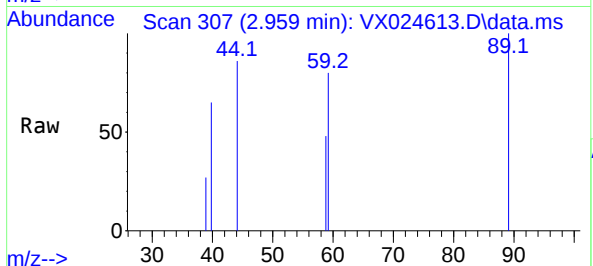


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

Instrument :
MSVOA_X
ClientSampled :

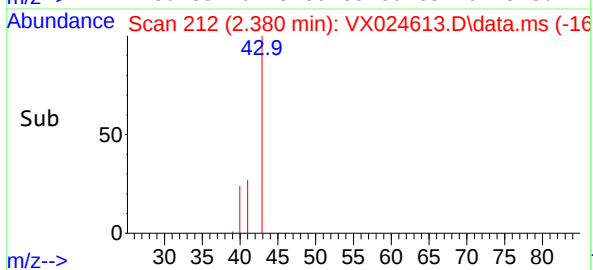
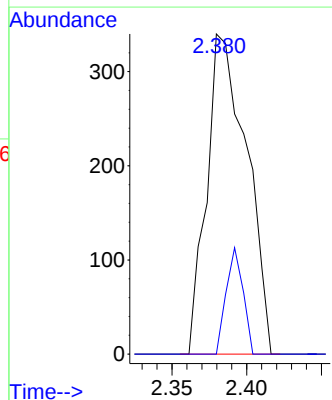
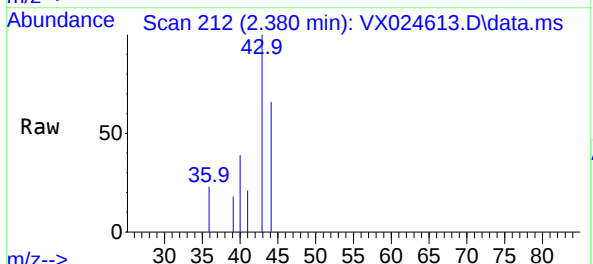
Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

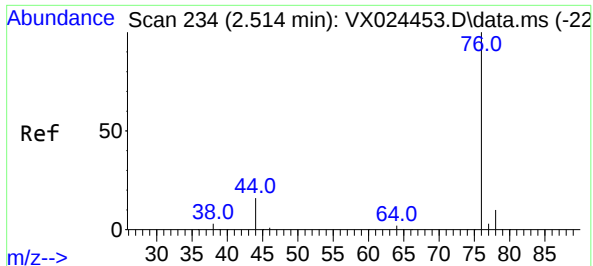


#16

Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

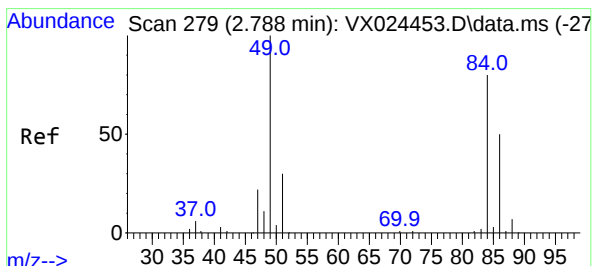
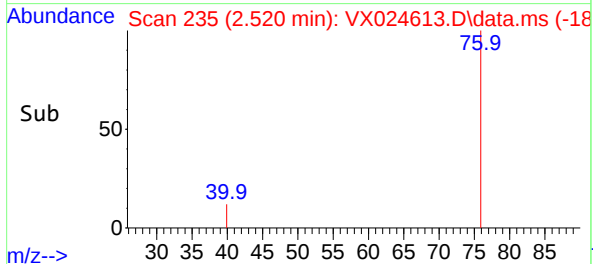
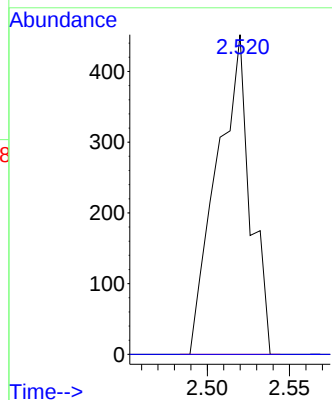
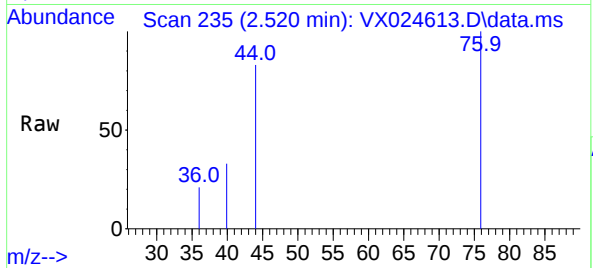




#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

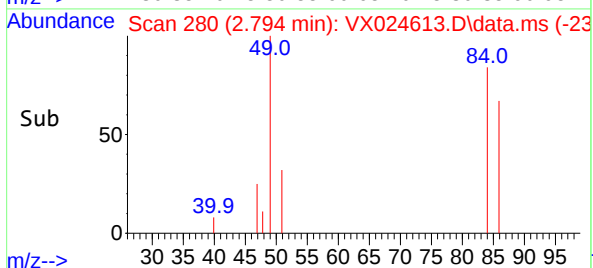
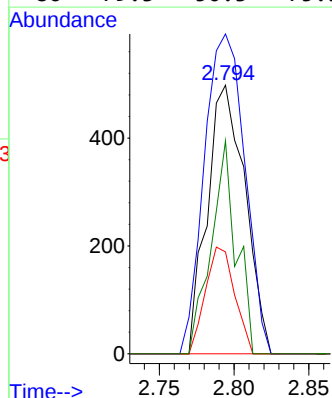
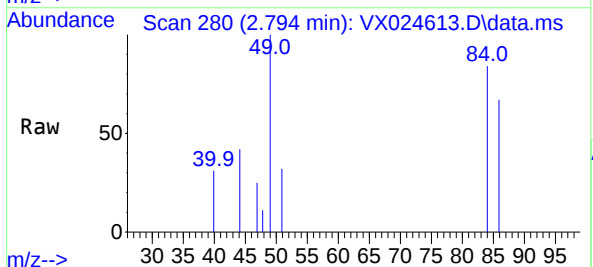
Instrument :
MSVOA_X
ClientSampled :

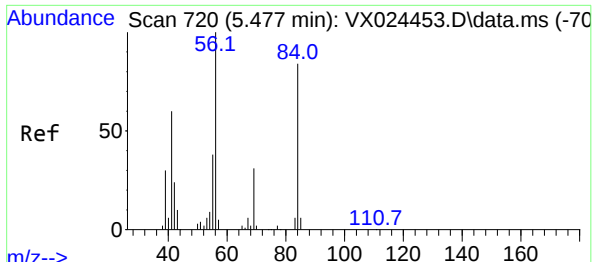
Tgt Ion: 76 Resp: 638
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

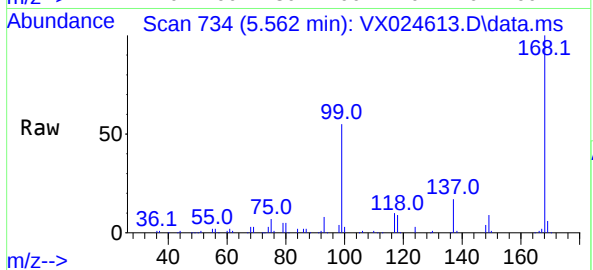
Tgt Ion: 84 Resp: 875
Ion Ratio Lower Upper
84 100
49 119.1 88.6 132.8
51 38.0 27.0 40.6
86 79.3 50.3 75.5#



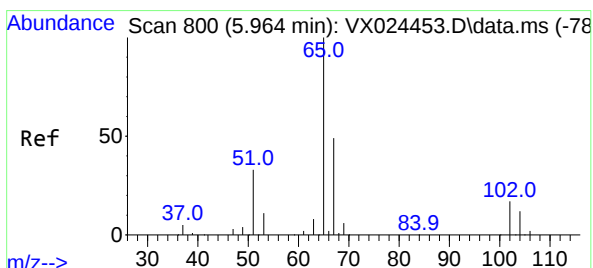
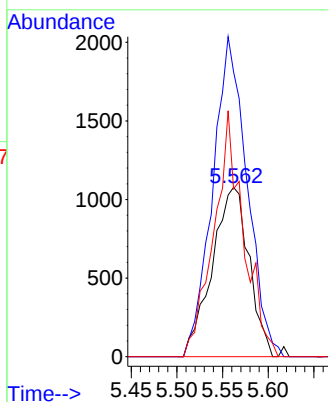
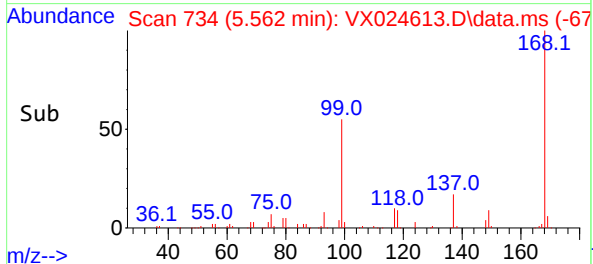


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

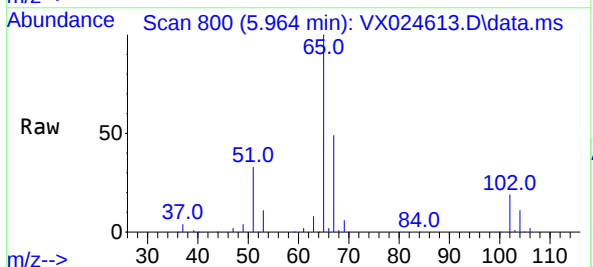
Instrument :
MSVOA_X
ClientSampled :



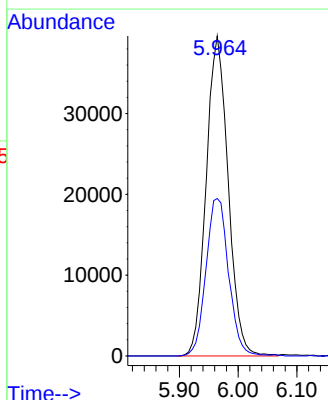
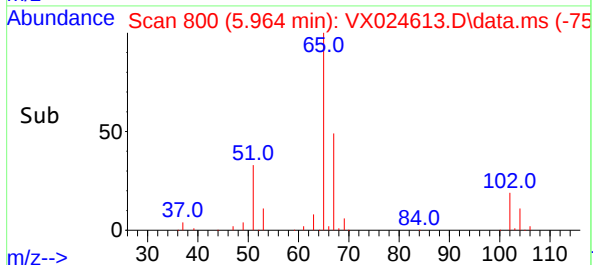
Tgt Ion: 56 Resp: 3027
Ion Ratio Lower Upper
56 100
69 168.3 25.3 37.9#
84 99.2 71.4 107.0

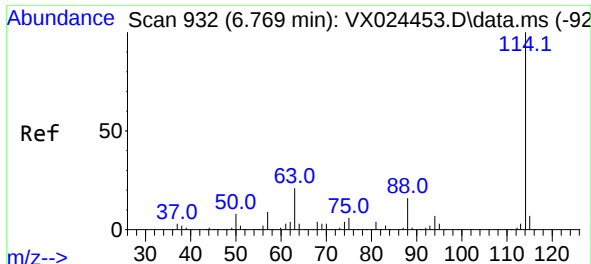


#33
1,2-Dichloroethane-d4
Concen: 49.907 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41



Tgt Ion: 65 Resp: 102890
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

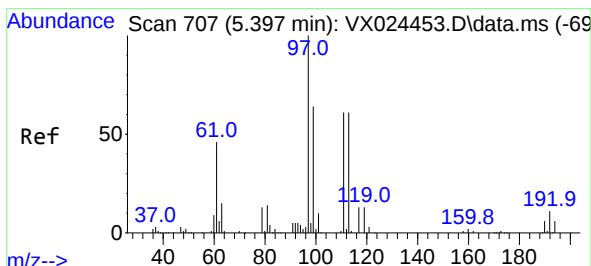
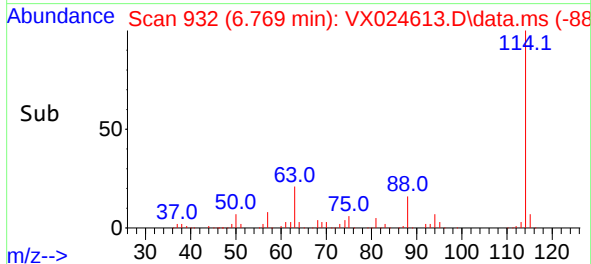
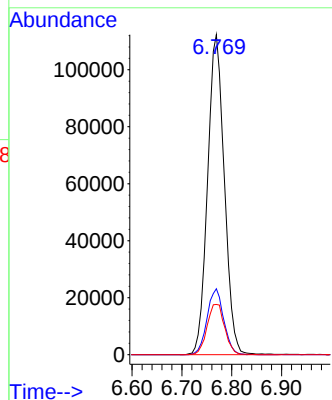
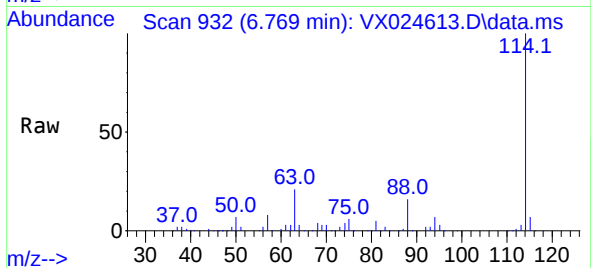




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

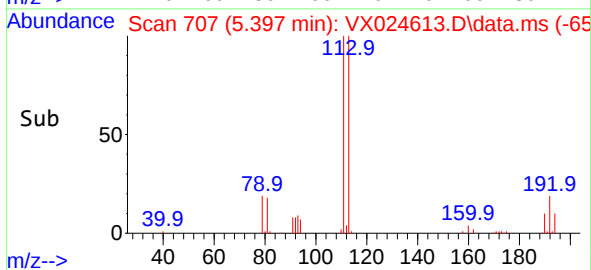
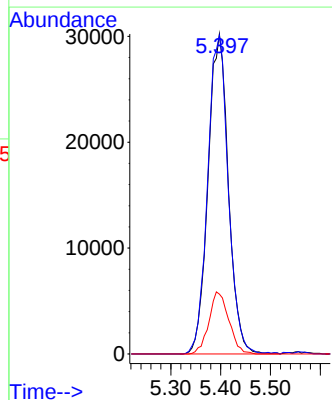
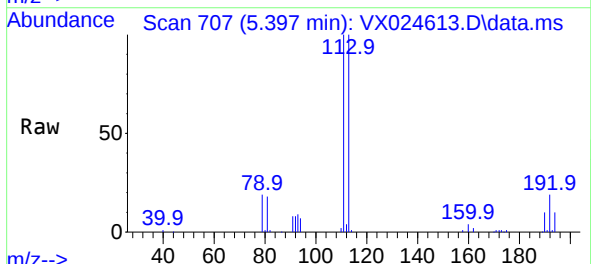
Instrument :
MSVOA_X
ClientSampled :

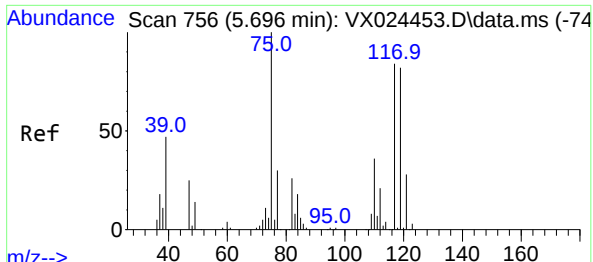
Tgt Ion:114 Resp: 261964
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.242 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

Tgt Ion:113 Resp: 85696
Ion Ratio Lower Upper
113 100
111 100.8 81.9 122.9
192 19.0 16.7 25.1

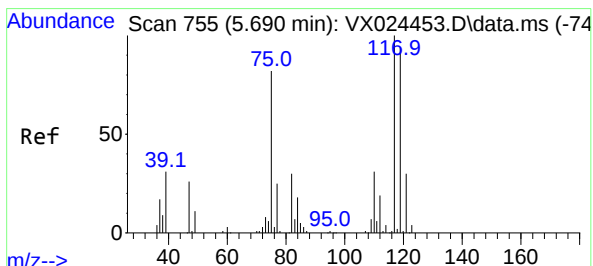
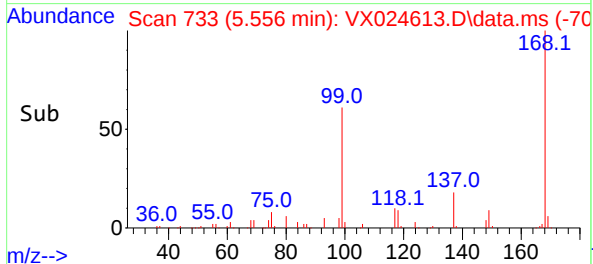
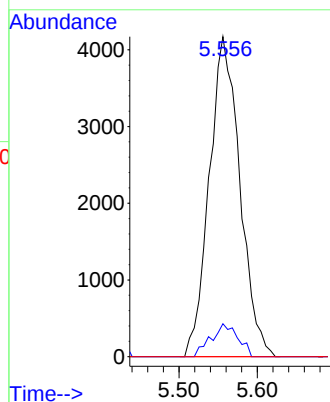
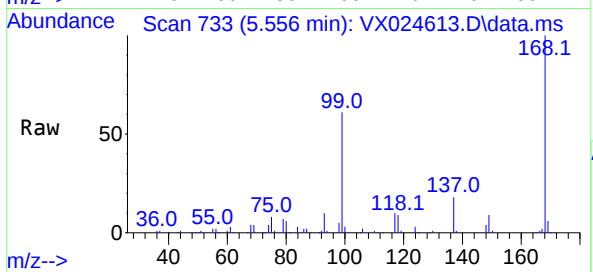




#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

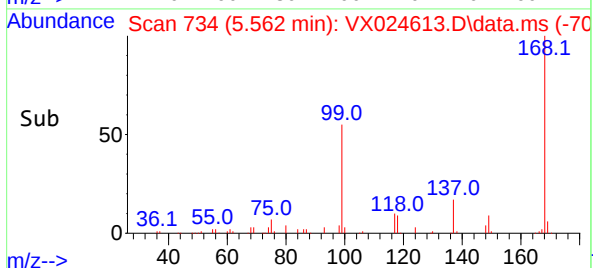
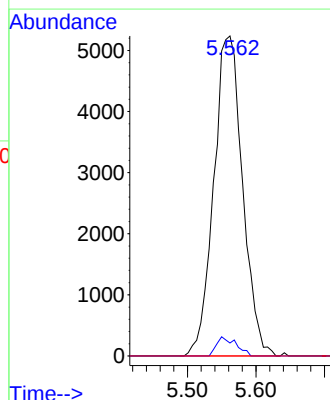
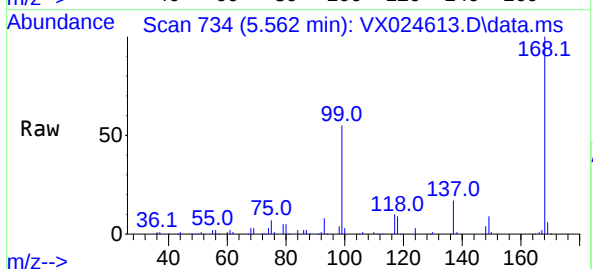
Instrument :
MSVOA_X
ClientSampled :

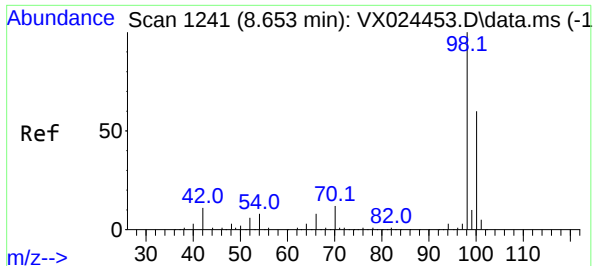
Tgt Ion: 75 Resp: 11321
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.590 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

Tgt Ion: 117 Resp: 15282
Ion Ratio Lower Upper
117 100
119 4.0 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.193 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024613.D

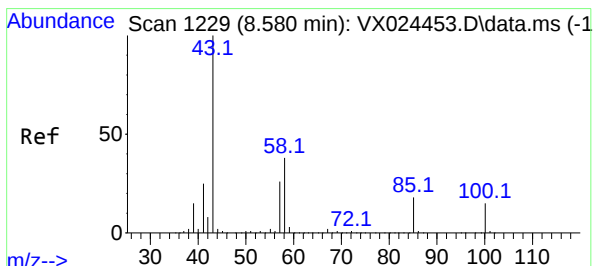
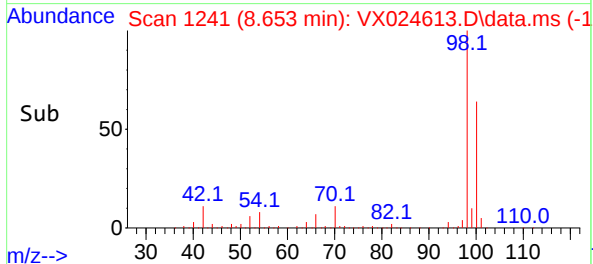
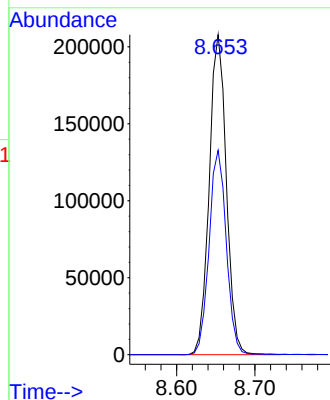
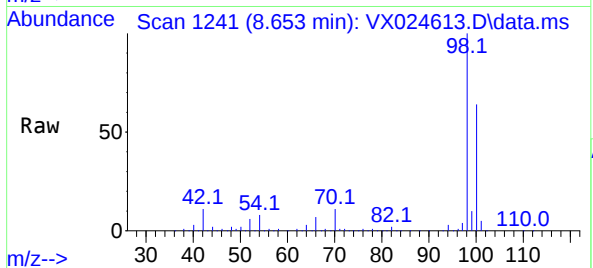
Acq: 06 Oct 2021 11:41

Tgt Ion: 98 Resp: 315089

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.439 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX024613.D

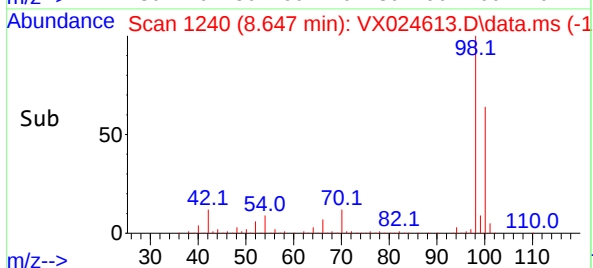
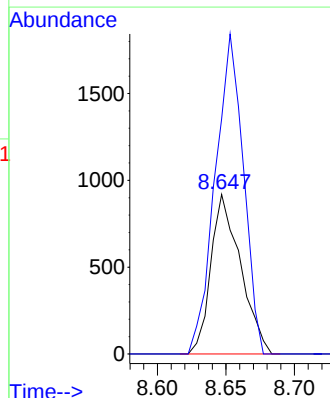
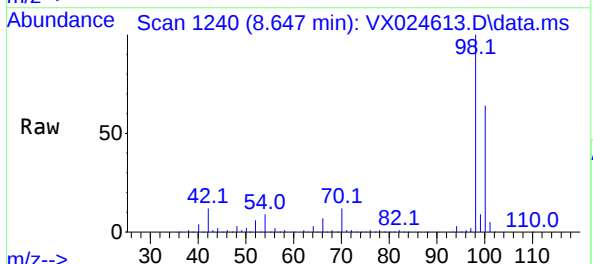
Acq: 06 Oct 2021 11:41

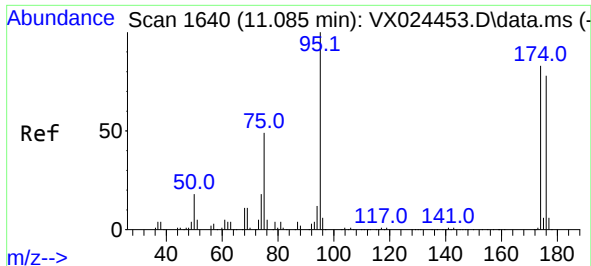
Tgt Ion: 43 Resp: 1383

Ion Ratio Lower Upper

43 100

58 190.7 35.4 53.0#

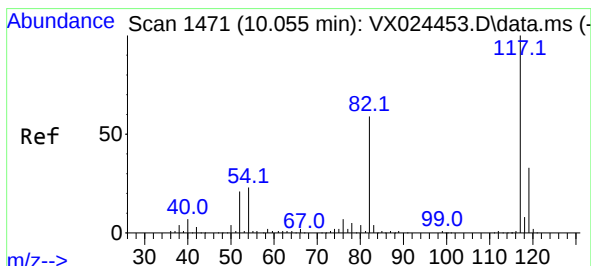
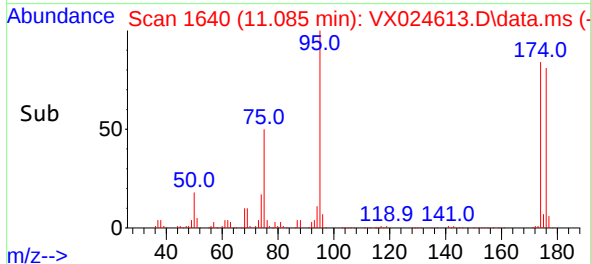
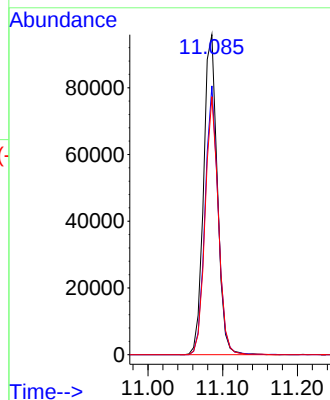
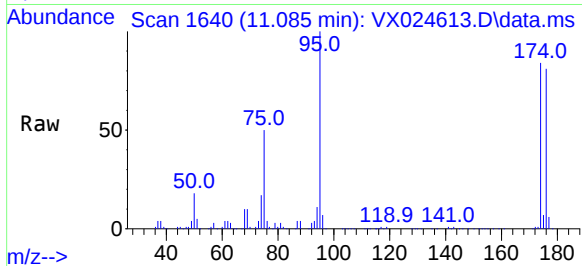




#62
4-Bromofluorobenzene
Concen: 48.482 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

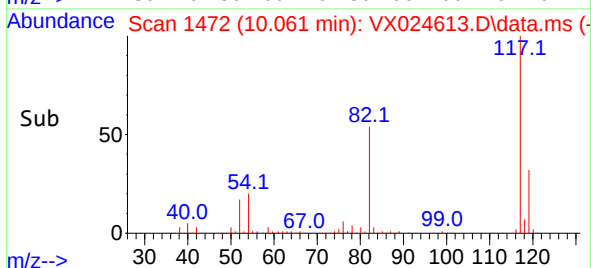
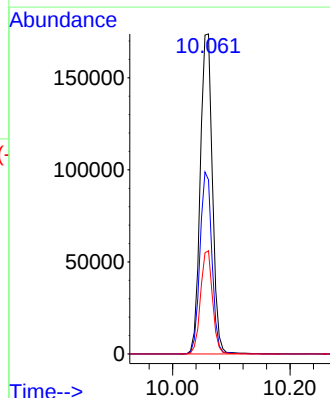
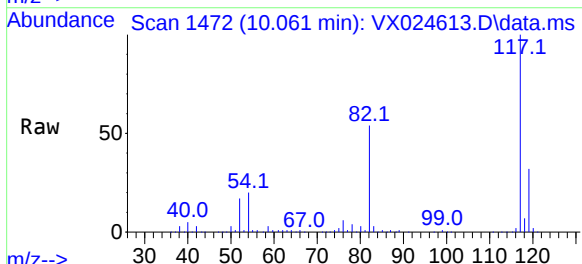
Instrument :
MSVOA_X
ClientSampleId :

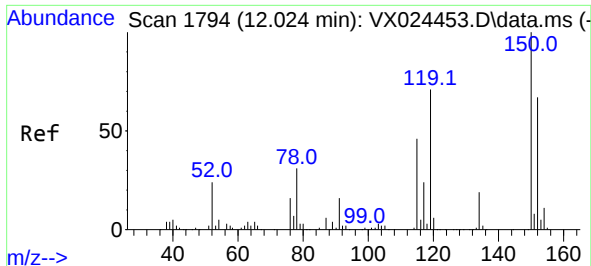
Tgt Ion: 95 Resp: 122098
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

Tgt Ion: 117 Resp: 249918
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 32.3 26.6 39.8

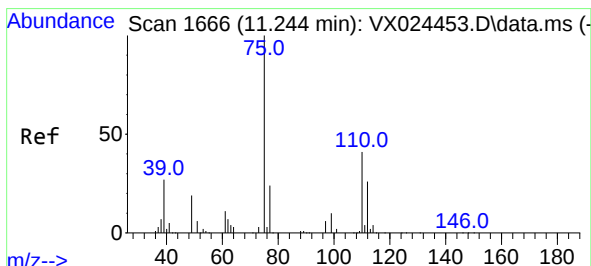
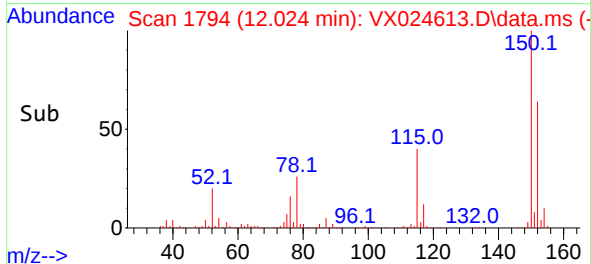
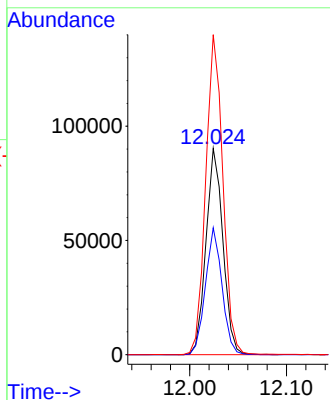
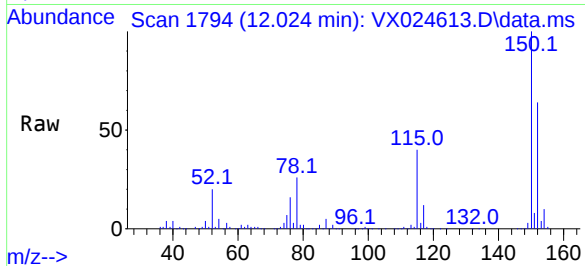




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

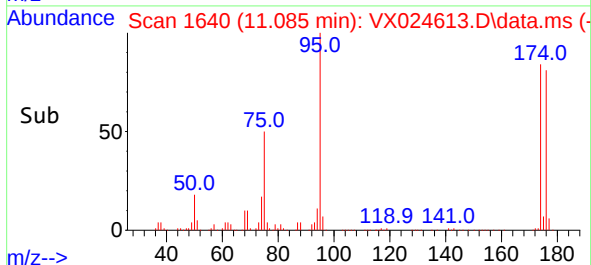
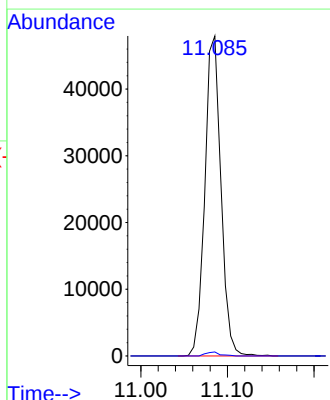
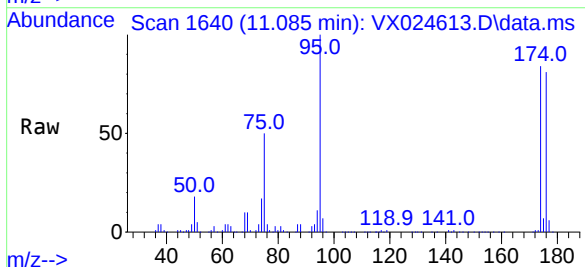
Instrument :
MSVOA_X
ClientSampleId :

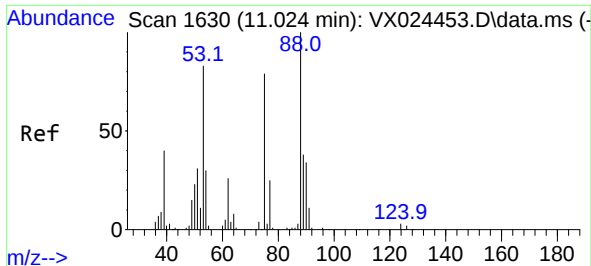
Tgt Ion:152 Resp: 110266
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 157.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.667 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024613.D
Acq: 06 Oct 2021 11:41

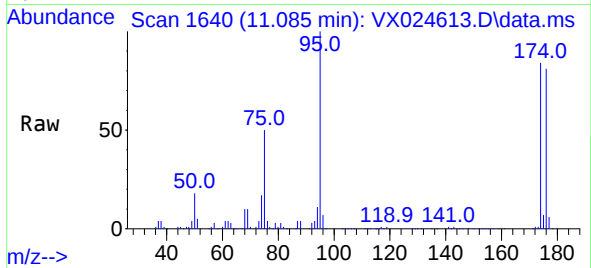
Tgt Ion: 75 Resp: 61767
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.291 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024613.D
 Acq: 06 Oct 2021 11:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 61767
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

