

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023616.D
 Acq On : 09 Aug 2021 16:24
 Operator : JC/MD
 Sample : M3278-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 10 04:03:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	194788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127051	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131709	54.21	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.42%
35) Dibromofluoromethane	5.391	113	104748	50.47	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.94%
50) Toluene-d8	8.653	98	403085	52.86	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.72%
62) 4-Bromofluorobenzene	11.085	95	142787	55.07	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.14%

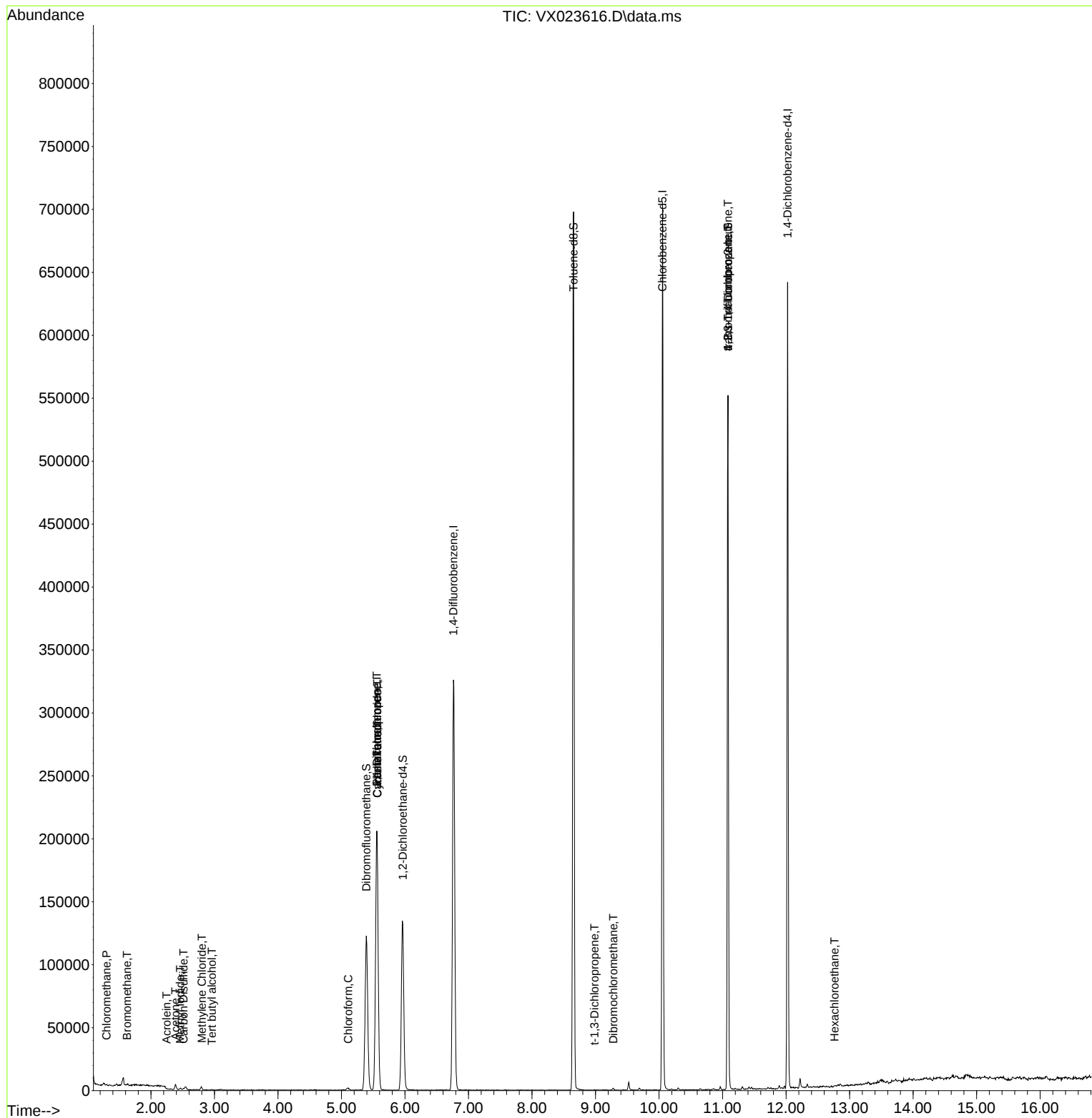
Target Compounds						Qvalue
3) Chloromethane	1.301	50	570	0.27	ug/l	89
5) Bromomethane	1.624	94	766	0.61	ug/l #	62
10) Methyl Iodide	2.459	142	1505	0.62	ug/l #	94
11) Tert butyl alcohol	2.959	59	371	0.67	ug/l #	73
13) Acrolein	2.246	56	94	1.70	ug/l #	1
16) Acetone	2.386	43	4104	3.44	ug/l	96
17) Carbon Disulfide	2.514	76	1187	0.25	ug/l #	75
20) Methylene Chloride	2.800	84	972	0.42	ug/l #	85
30) Chloroform	5.105	83	1897	0.49	ug/l	88
31) Cyclohexane	5.562	56	4293	1.19	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	15173	5.05	ug/l #	50
38) Carbon Tetrachloride	5.562	117	19604	6.42	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	116	1.85	ug/l #	44
60) Dibromochloromethane	9.281	129	132	2.03	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	74615	26.69	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	74615	71.76	ug/l #	12
90) Hexachloroethane	12.762	117	29	1.92	ug/l #	9

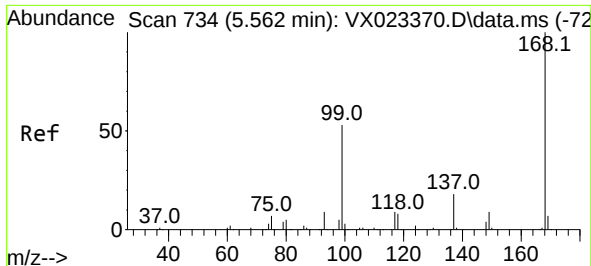
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: Aug 10 04:03:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

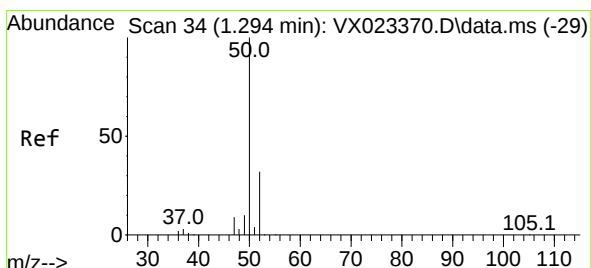
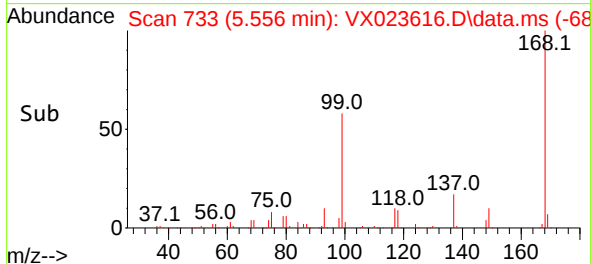
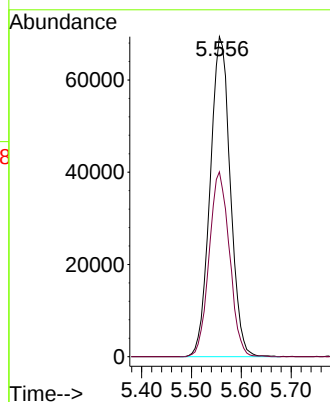
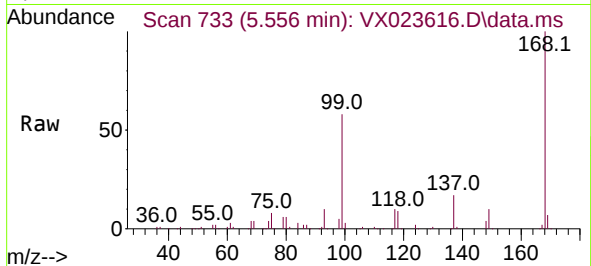




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

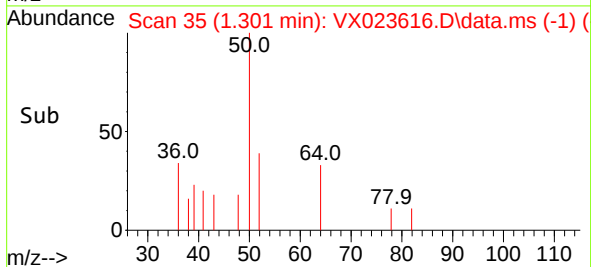
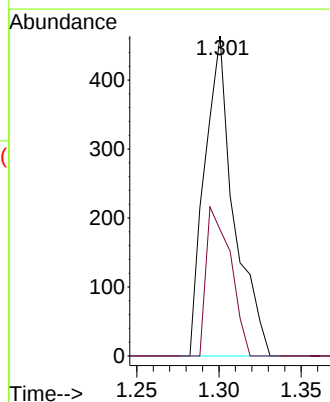
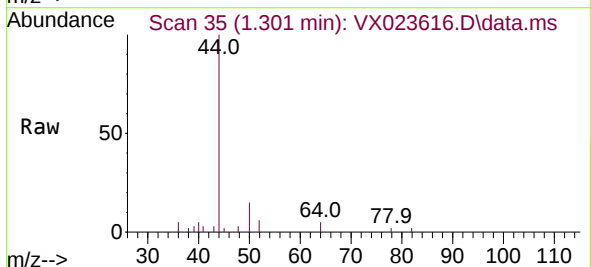
Instrument :
MSVOA_X
ClientSampleId :

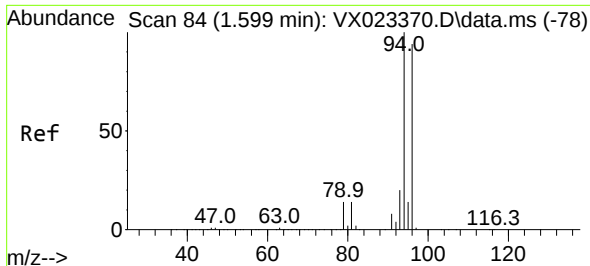
Tgt Ion:168 Resp: 194788
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#3
Chloromethane
Concen: 0.27 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

Tgt Ion: 50 Resp: 570
Ion Ratio Lower Upper
50 100
52 39.4 26.4 39.6

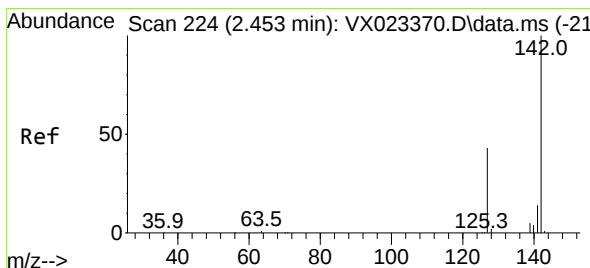
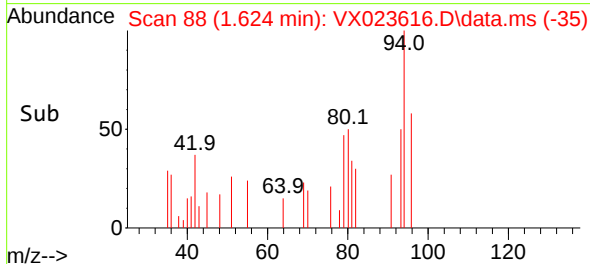
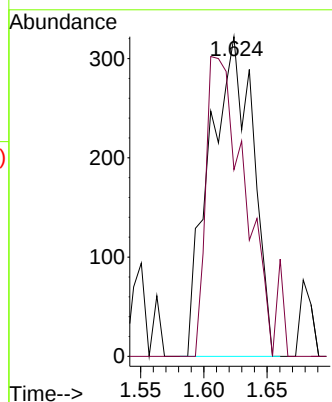
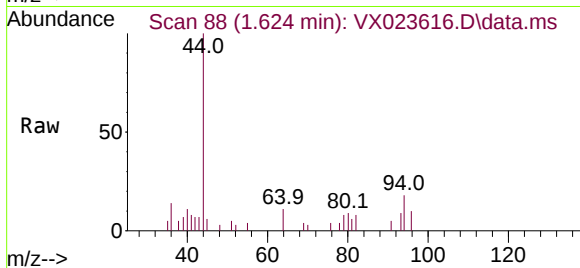




#5
Bromomethane
Concen: 0.61 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

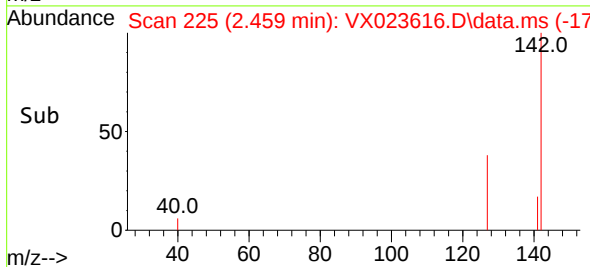
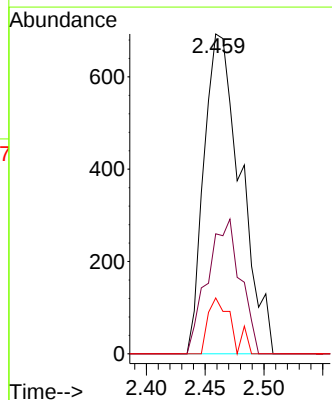
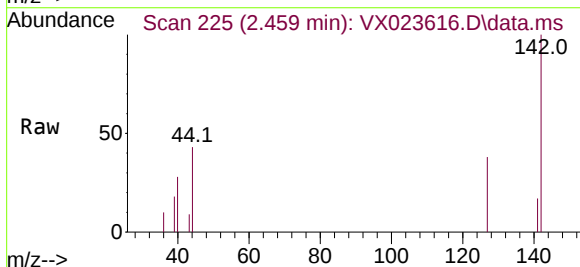
Instrument :
MSVOA_X
ClientSampled :

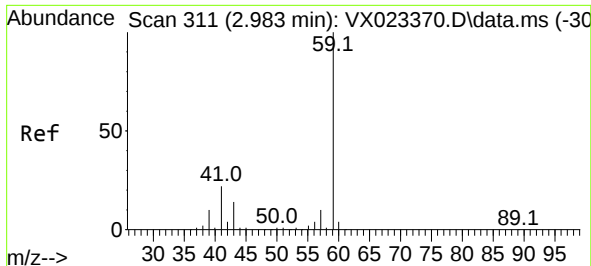
Tgt Ion: 94 Resp: 766
Ion Ratio Lower Upper
94 100
96 58.4 76.4 114.6#



#10
Methyl Iodide
Concen: 0.62 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

Tgt Ion: 142 Resp: 1505
Ion Ratio Lower Upper
142 100
127 37.8 33.3 49.9
141 11.0 11.4 17.0#

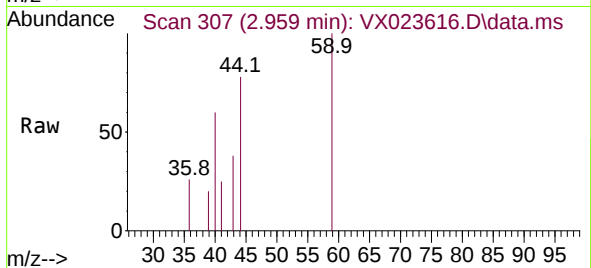




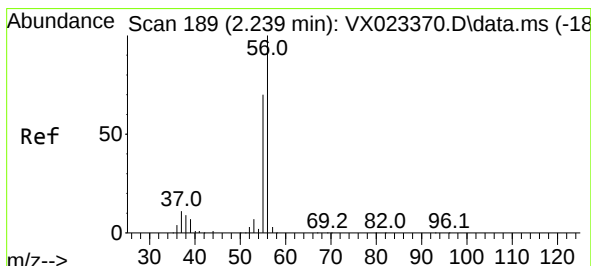
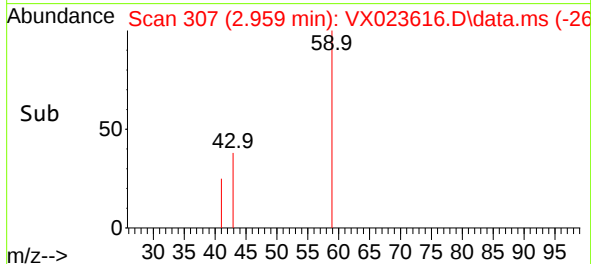
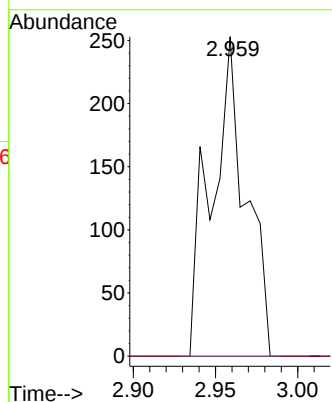
#11

Tert butyl alcohol
Concen: 0.67 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

Instrument :
MSVOA_X
ClientSampled :

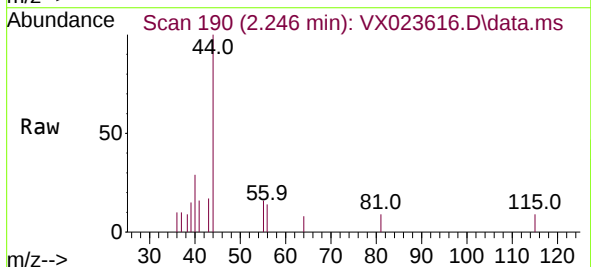


Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

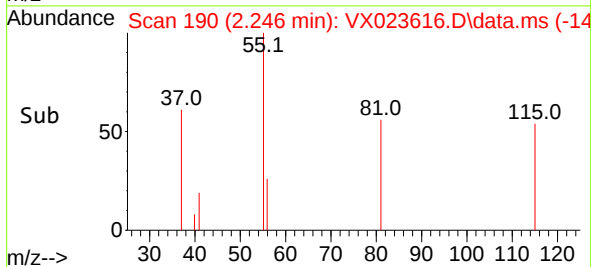
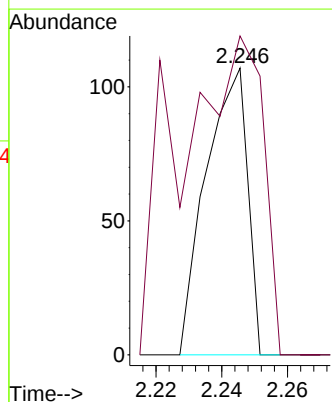


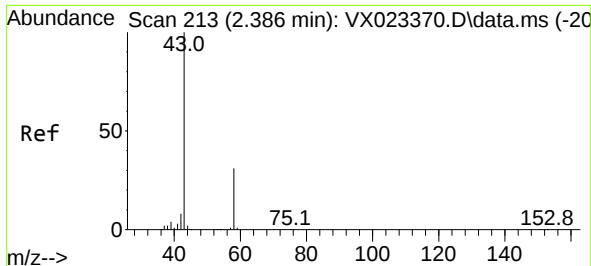
#13

Acrolein
Concen: 1.70 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24



Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 223.4 56.4 84.6#

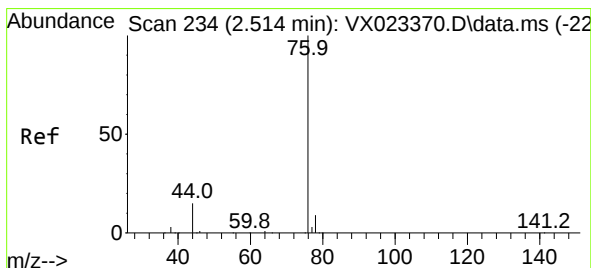
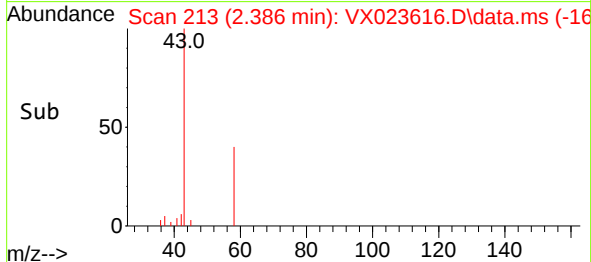
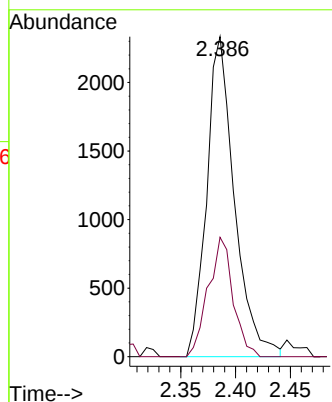
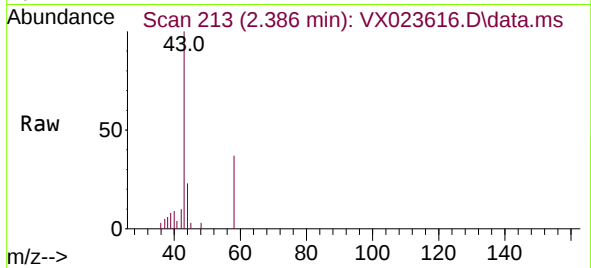




#16
Acetone
Concen: 3.44 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

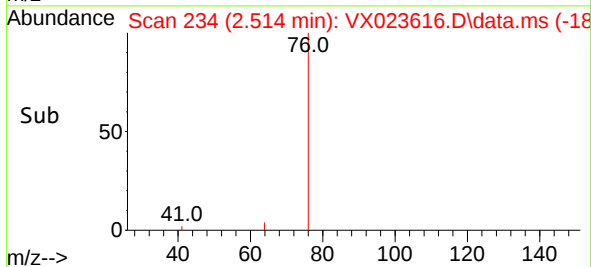
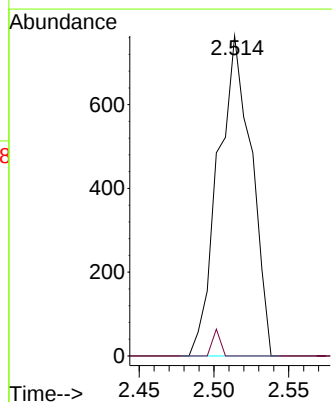
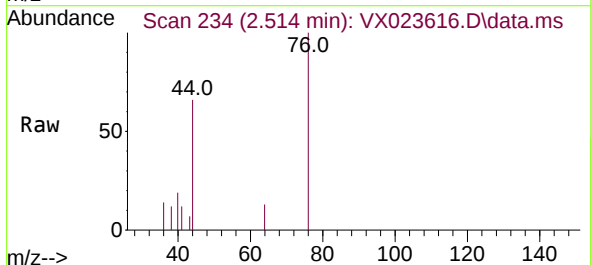
Instrument :
MSVOA_X
ClientSampled :

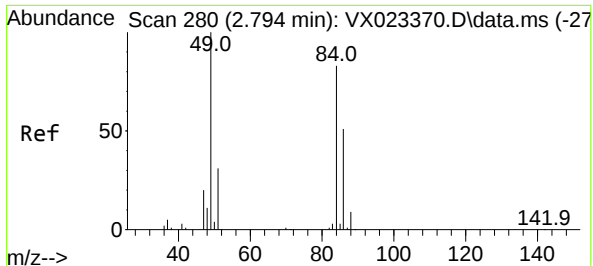
Tgt Ion: 43 Resp: 4104
Ion Ratio Lower Upper
43 100
58 37.3 27.8 41.8



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

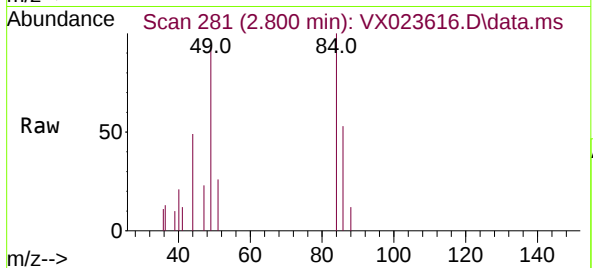
Tgt Ion: 76 Resp: 1187
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



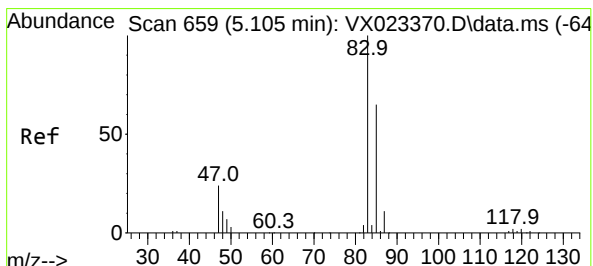
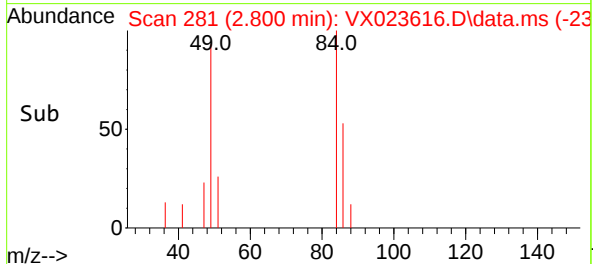
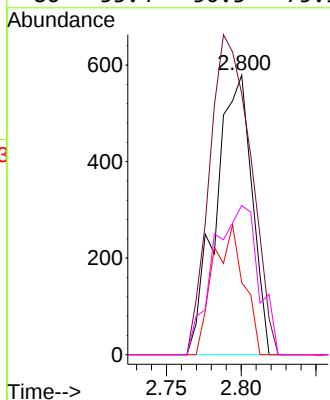


#20
Methylene Chloride
Concen: 0.42 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

Instrument :
MSVOA_X
ClientSampleId :

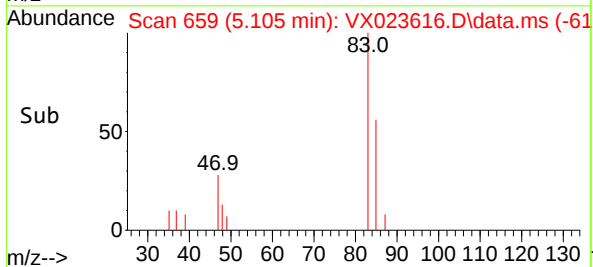
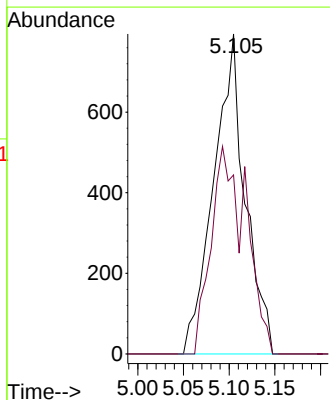
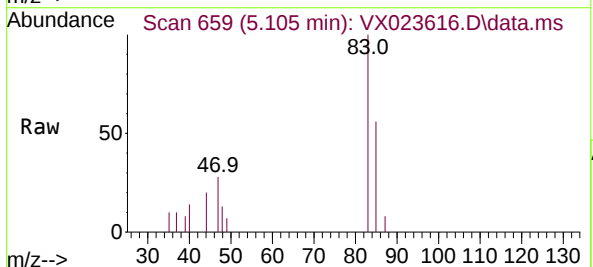


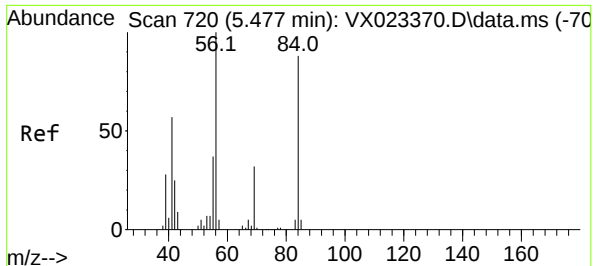
Tgt Ion:	84	Resp:	972
Ion	Ratio	Lower	Upper
84	100		
49	93.4	88.6	132.8
51	25.7	27.0	40.6#
86	53.4	50.3	75.5



#30
Chloroform
Concen: 0.49 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

Tgt Ion:	83	Resp:	1897
Ion	Ratio	Lower	Upper
83	100		
85	55.9	52.0	78.0

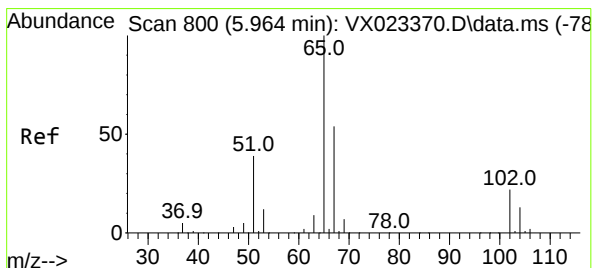
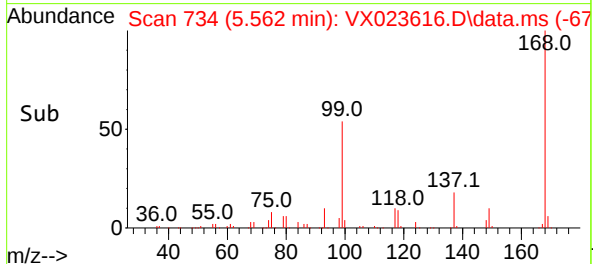
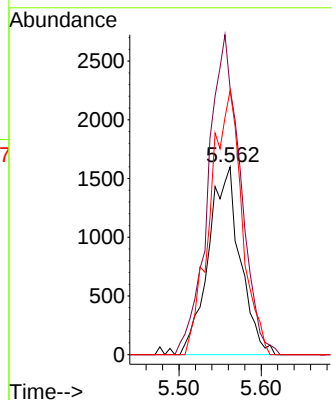
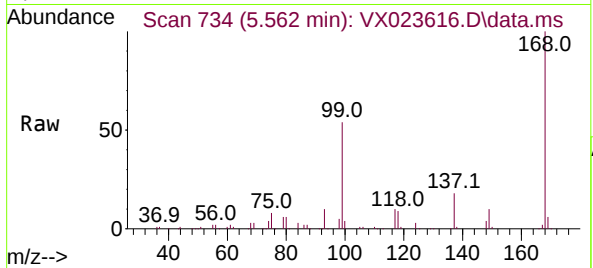




#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

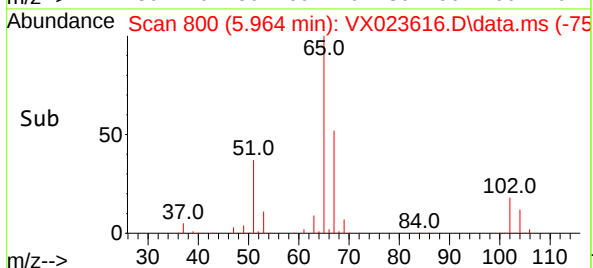
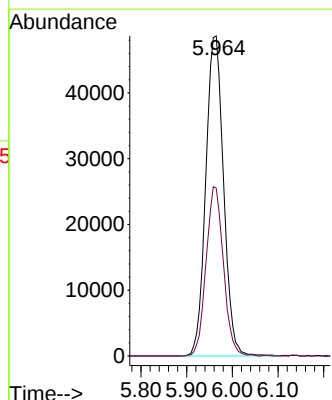
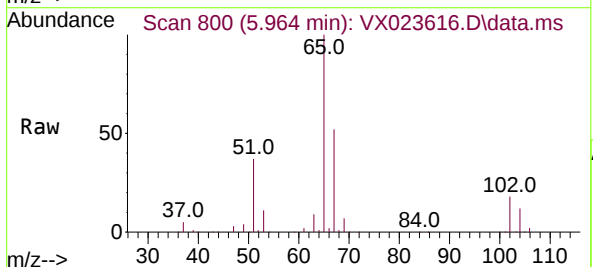
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MSVOA_X
ClientSampleId :

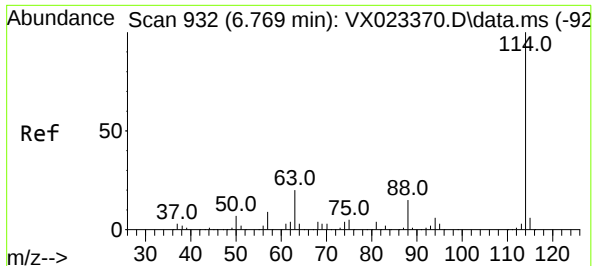
Tgt Ion: 56 Resp: 4293
Ion Ratio Lower Upper
56 100
69 141.6 25.3 37.9#
84 140.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.21 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

Tgt Ion: 65 Resp: 131709
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

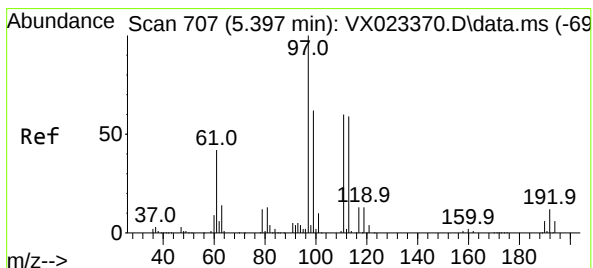
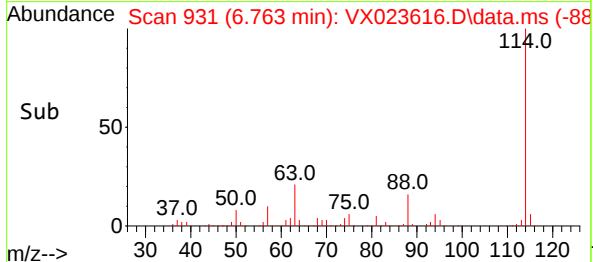
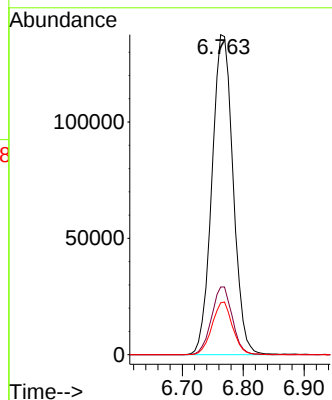
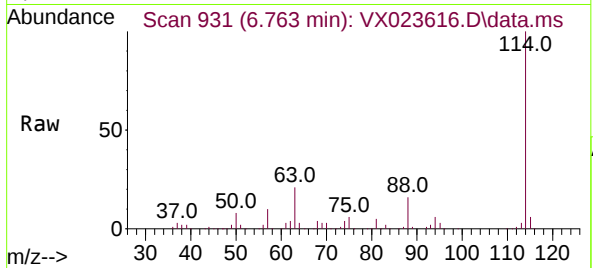




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

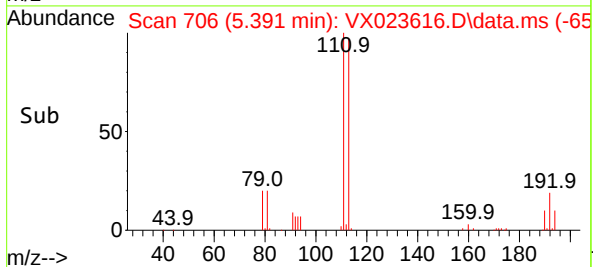
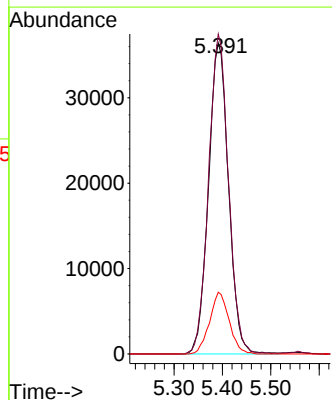
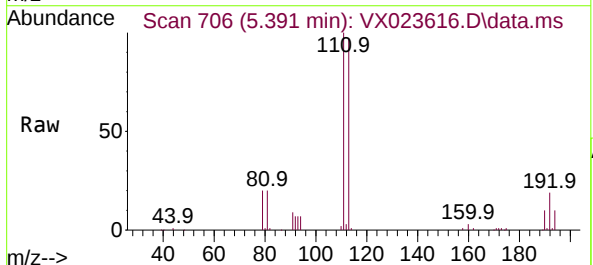
Instrument :
MSVOA_X
ClientSampleId :

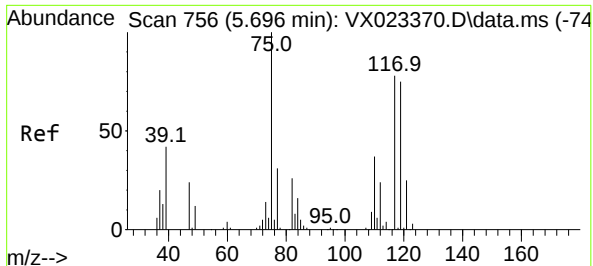
Tgt Ion:114 Resp: 331945
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.47 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

Tgt Ion:113 Resp: 104748
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.05 ug/l

RT: 5.556 min Scan# 733

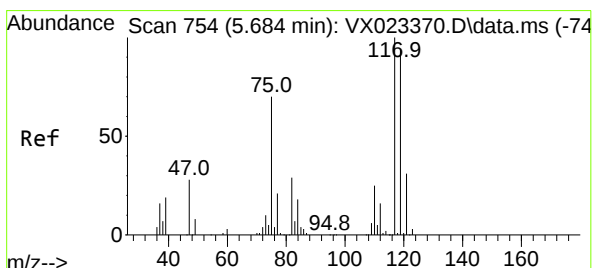
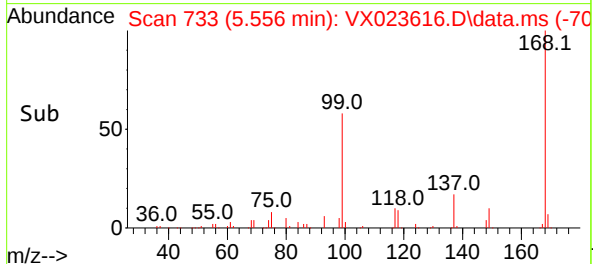
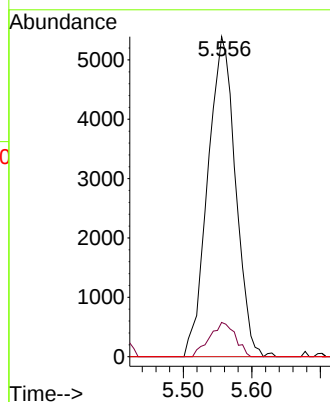
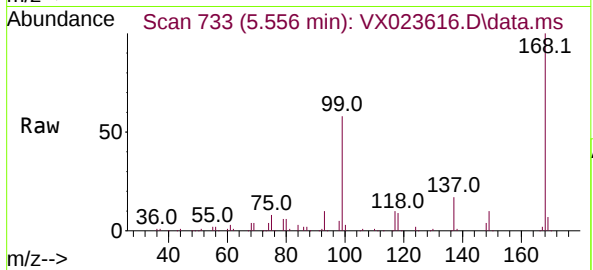
Delta R.T. -0.140 min

Lab File: VX023616.D

Acq: 09 Aug 2021 16:24

Tgt Ion: 75	Resp: 15173
Ion Ratio	Lower Upper
75 100	
110 10.0	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.42 ug/l

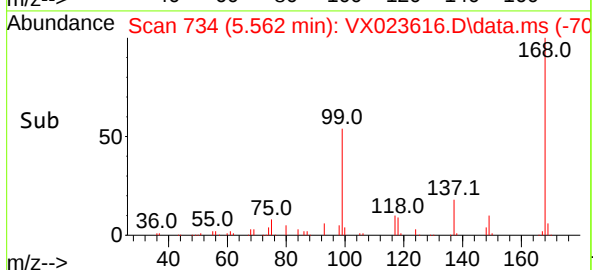
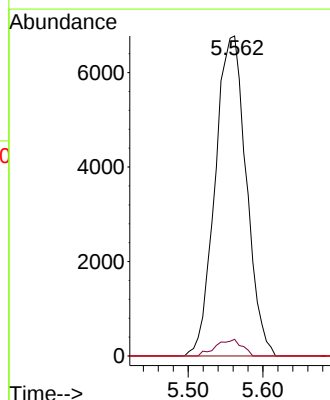
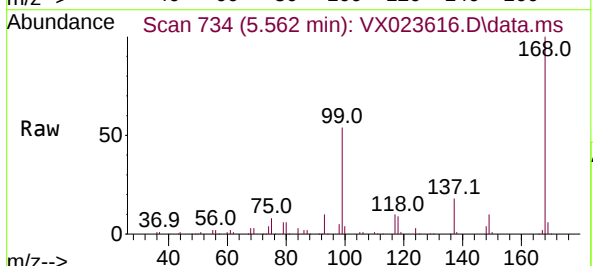
RT: 5.562 min Scan# 734

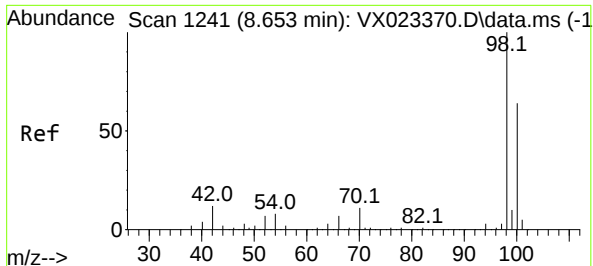
Delta R.T. -0.122 min

Lab File: VX023616.D

Acq: 09 Aug 2021 16:24

Tgt Ion: 117	Resp: 19604
Ion Ratio	Lower Upper
117 100	
119 5.2	76.2 114.2#
121 0.0	24.8 37.2#





#50

Toluene-d8

Concen: 52.86 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023616.D

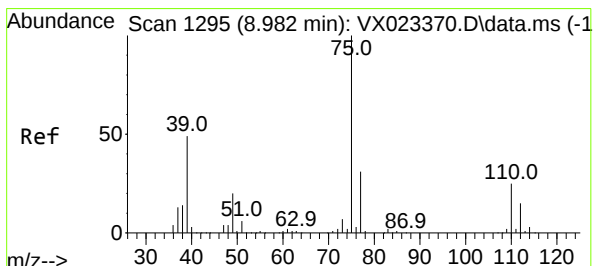
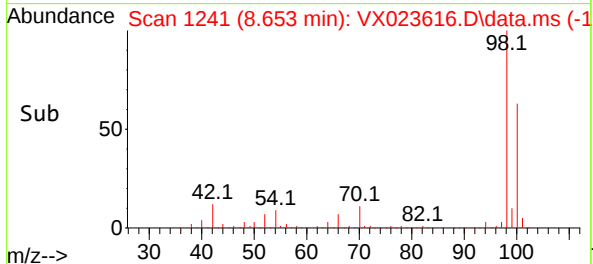
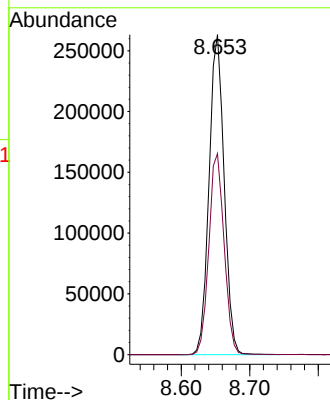
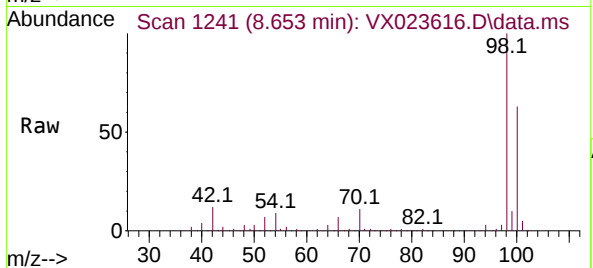
Acq: 09 Aug 2021 16:24

Tgt Ion: 98 Resp: 403085

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#53

t-1,3-Dichloropropene

Concen: 1.85 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX023616.D

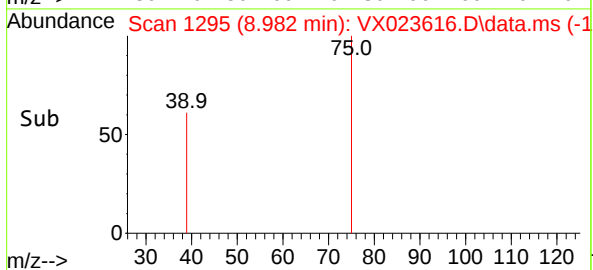
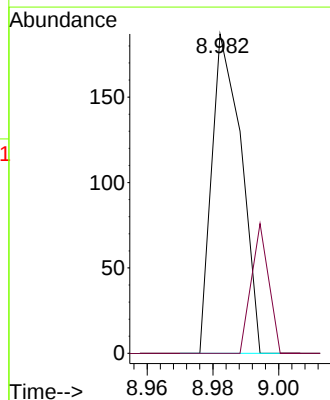
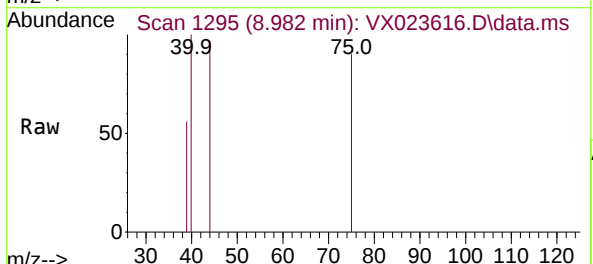
Acq: 09 Aug 2021 16:24

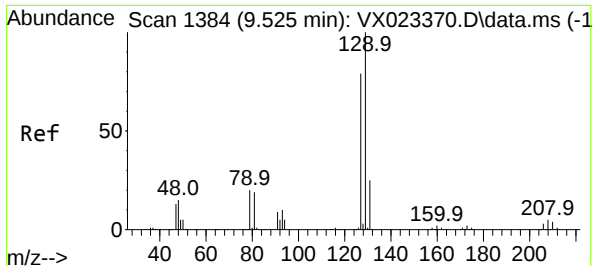
Tgt Ion: 75 Resp: 116

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#

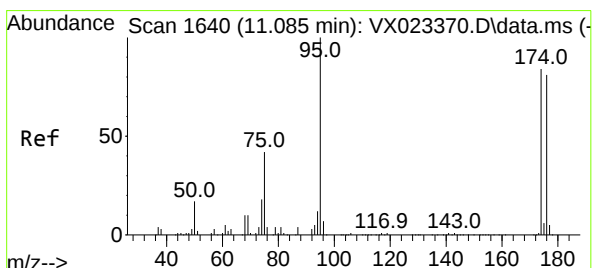
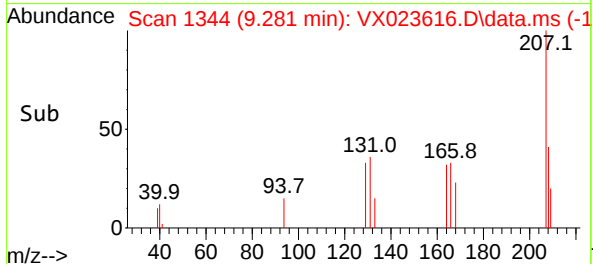
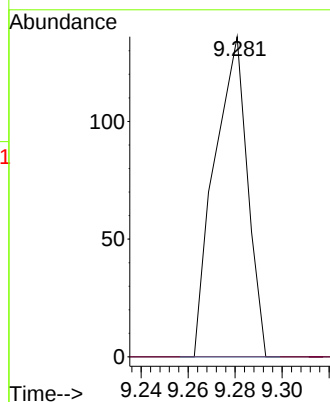
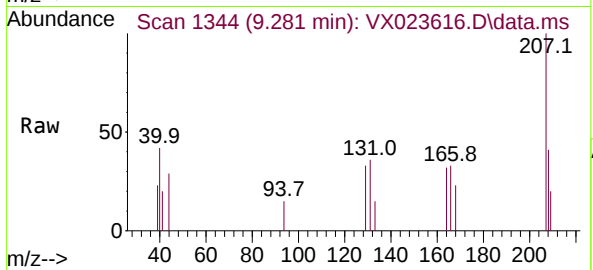




#60
Dibromochloromethane
Concen: 2.03 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

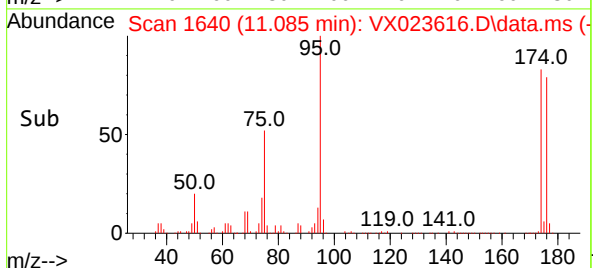
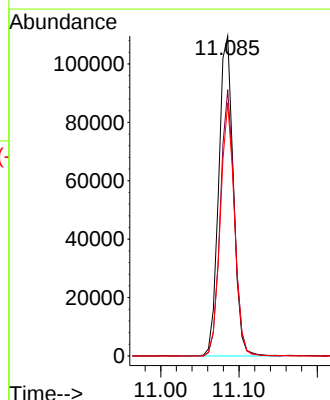
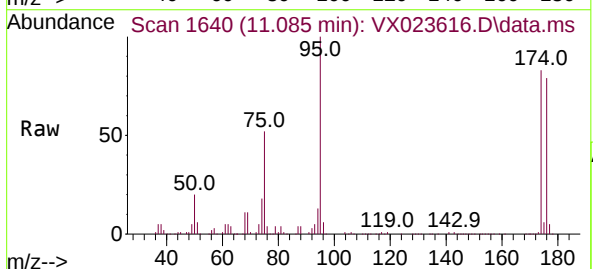
Instrument :
MSVOA_X
ClientSampled :

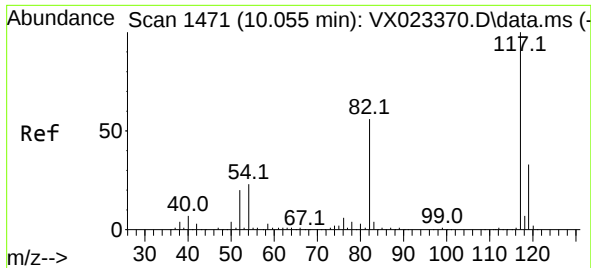
Tgt Ion:129 Resp: 132
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 55.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

Tgt Ion: 95 Resp: 142787
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 76.2 0.0 155.8

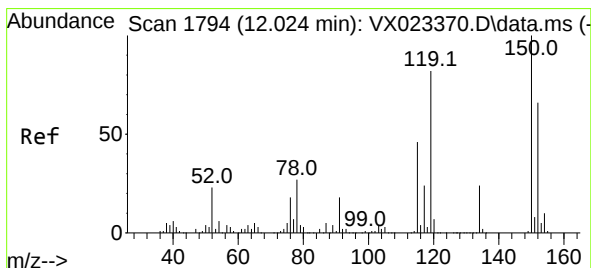
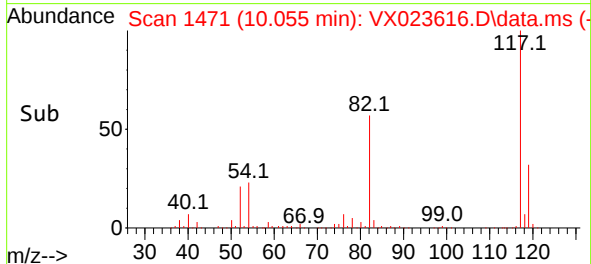
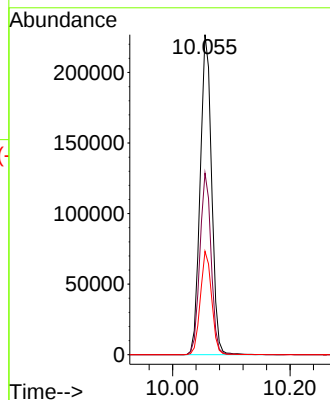
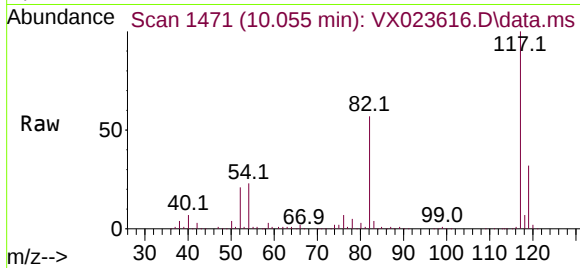




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

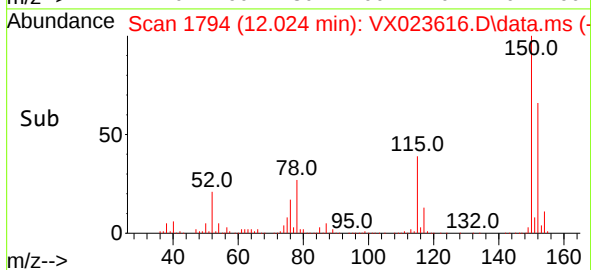
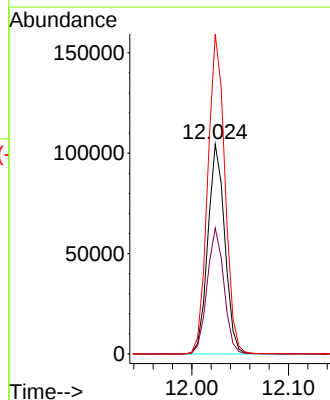
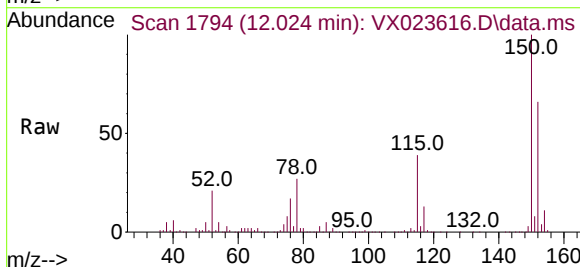
Instrument :
MSVOA_X
ClientSampled :

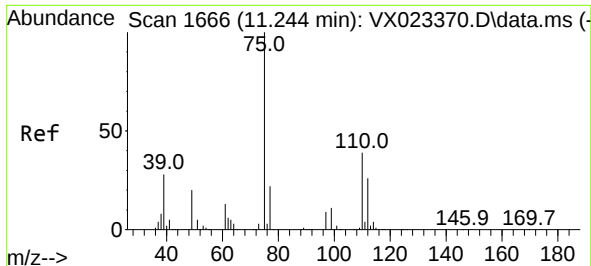
Tgt Ion:117 Resp: 306351
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

Tgt Ion:152 Resp: 127051
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 154.9 0.0 349.0

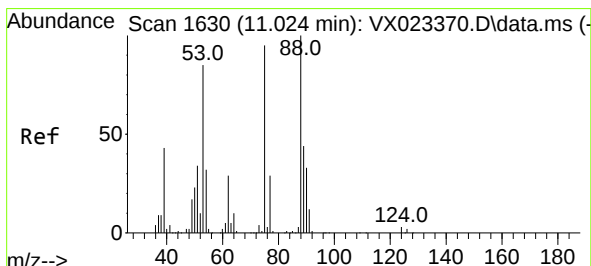
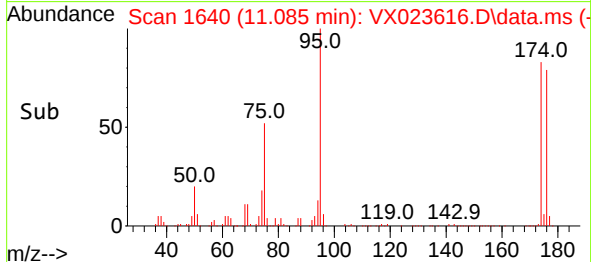
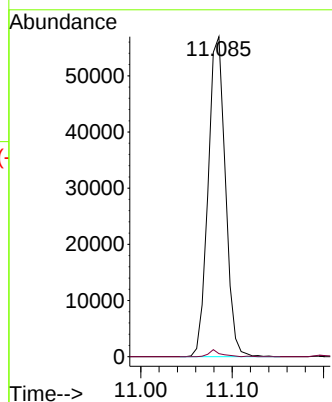
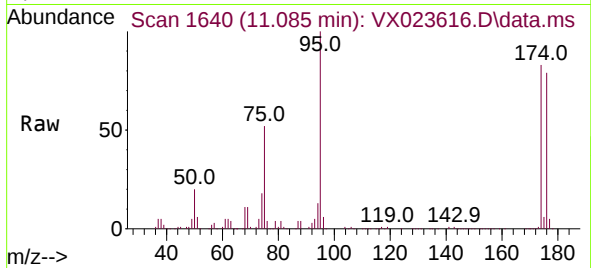




#76
1,2,3-Trichloropropane
Concen: 26.69 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

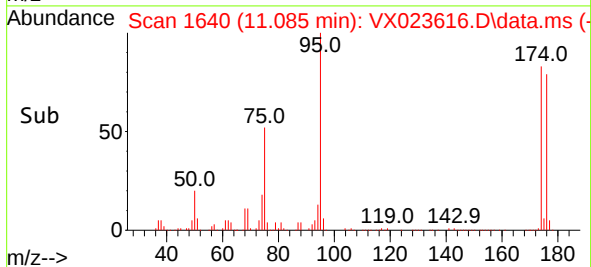
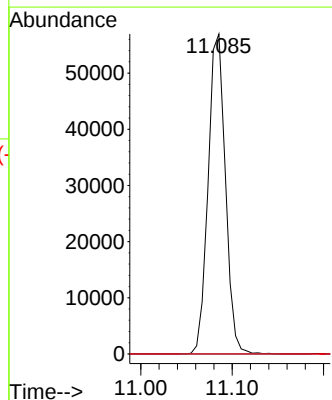
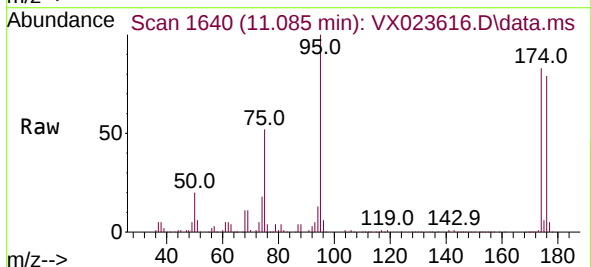
Instrument :
MSVOA_X
ClientSampled :

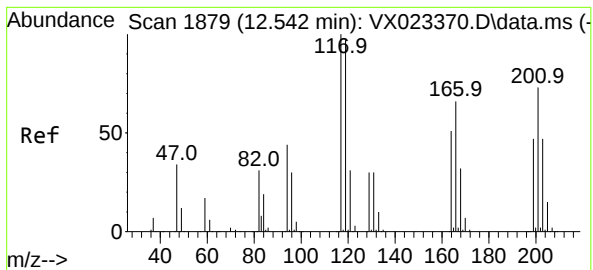
Tgt Ion: 75 Resp: 74615
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023616.D
Acq: 09 Aug 2021 16:24

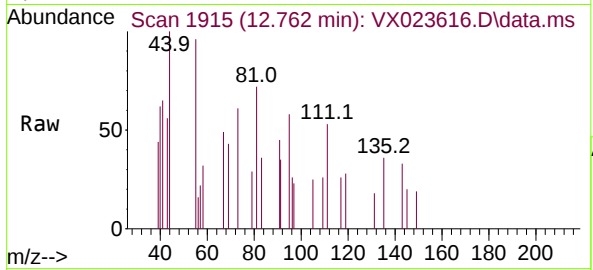
Tgt Ion: 75 Resp: 74615
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#90
 Hexachloroethane
 Concen: 1.92 ug/l
 RT: 12.762 min Scan# 1915
 Delta R.T. 0.220 min
 Lab File: VX023616.D
 Acq: 09 Aug 2021 16:24

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:117 Resp: 29
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#

