

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022930.D
 Acq On : 25 Jun 2021 18:00
 Operator : JC/MD
 Sample : N2803-18DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:55:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

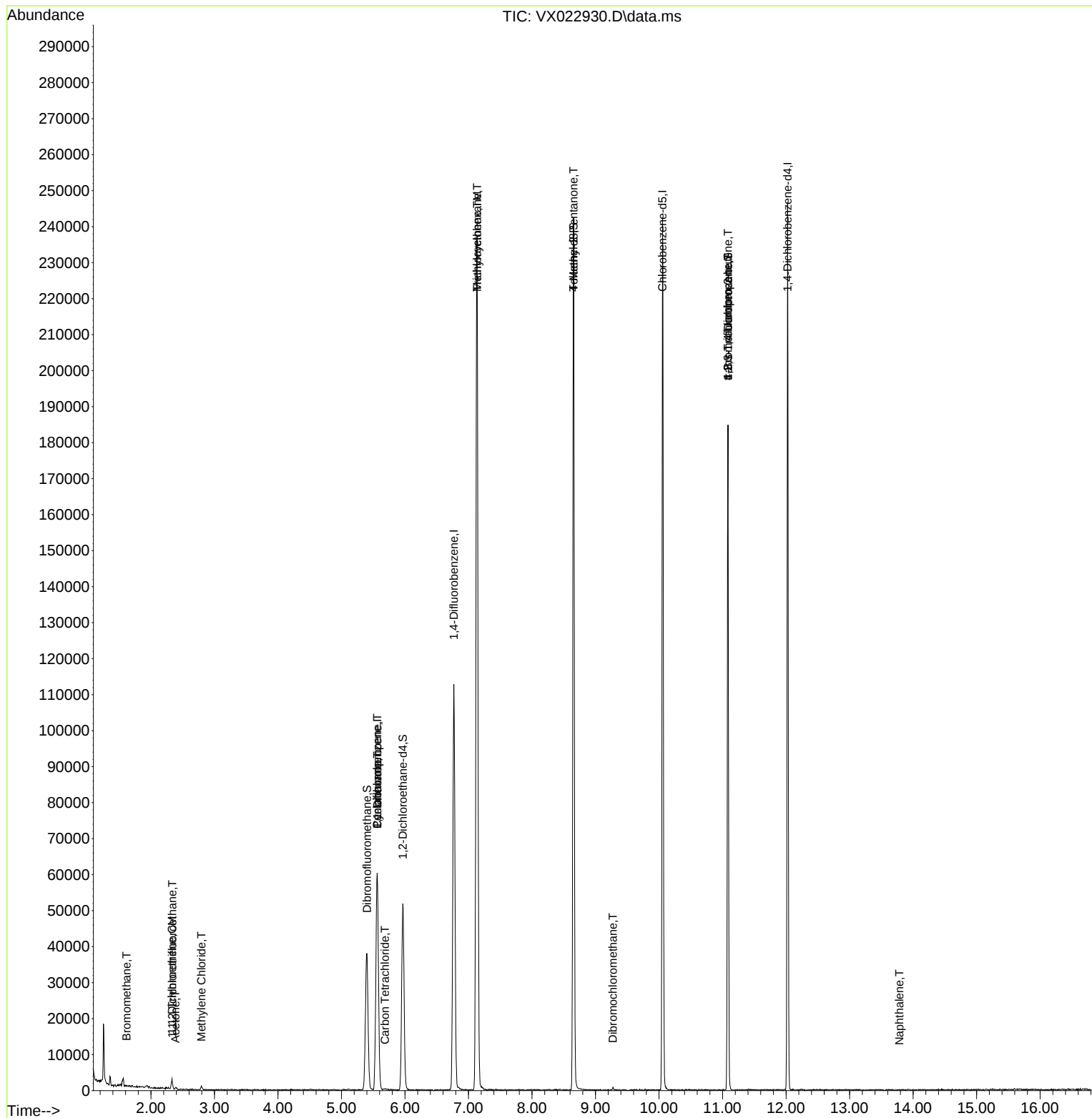
Internal Standards						
1) Pentafluorobenzene	5.562	168	50449	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	105923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47800	52.21	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.42%			
35) Dibromofluoromethane	5.403	113	32537	48.37	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.74%			
50) Toluene-d8	8.653	98	132276	50.18	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.36%			
62) 4-Bromofluorobenzene	11.085	95	48722	49.52	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.04%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	122	0.31	ug/l	# 56
9) 1,1,2-Trichlorotrifluo...	2.337	101	823	1.25	ug/l	94
12) 1,1-Dichloroethene	2.331	96	226	0.35	ug/l	# 56
16) Acetone	2.386	43	565	1.39	ug/l	97
20) Methylene Chloride	2.794	84	466	0.95	ug/l	# 80
31) Cyclohexane	5.562	56	1498	1.16	ug/l	# 6
36) 1,1-Dichloropropene	5.562	75	5070	4.51	ug/l	# 44
38) Carbon Tetrachloride	5.684	117	294	0.31	ug/l	# 12
39) Methylcyclohexane	7.135	83	1253	0.95	ug/l	# 1
44) Trichloroethene	7.135	130	81862	106.40	ug/l	90
51) 4-Methyl-2-Pentanone	8.653	43	672	0.52	ug/l	# 1
60) Dibromochloromethane	9.275	129	106	3.78	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	26828	24.63	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	26828	64.37	ug/l	# 12
95) Naphthalene	13.786	128	25	1.93	ug/l	# 69

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

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 26 03:55:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
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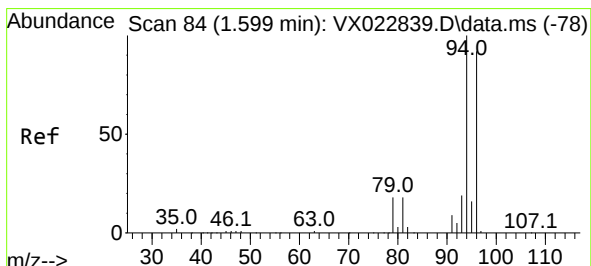
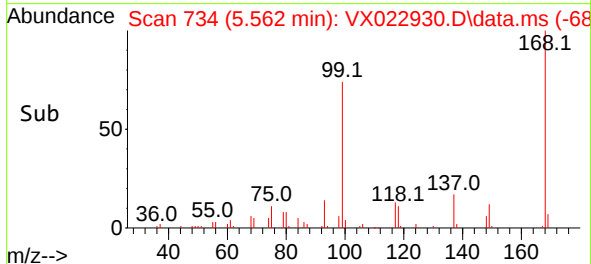
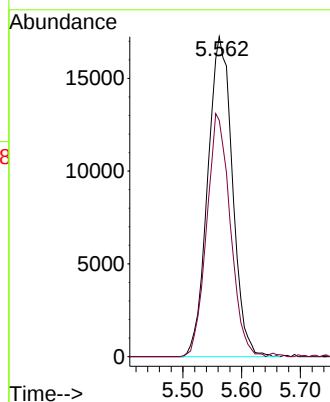
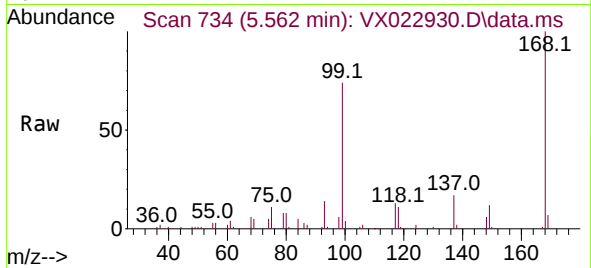




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

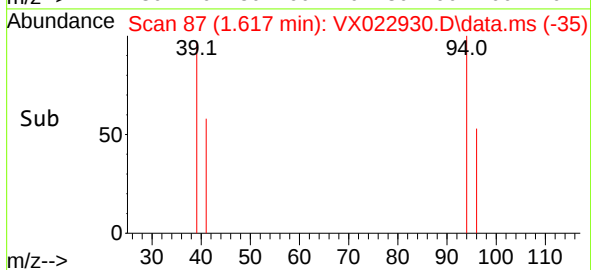
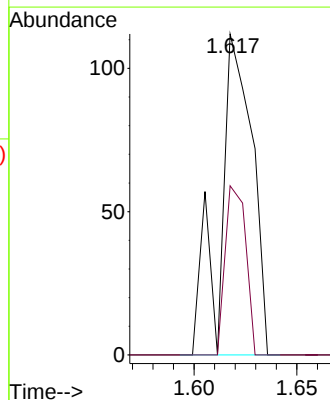
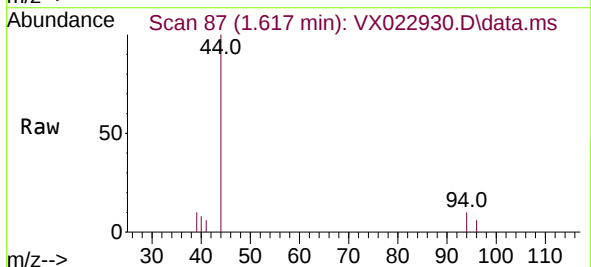
Instrument :
MSVOA_X
ClientSampleId :

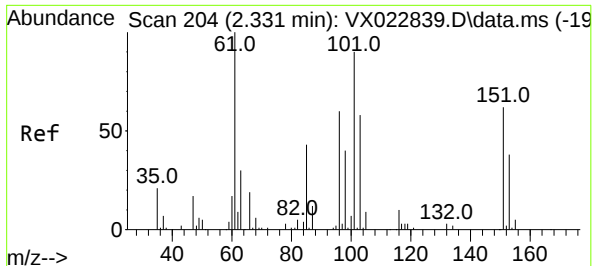
Tgt Ion:168 Resp: 50449
Ion Ratio Lower Upper
168 100
99 73.8 45.8 68.6#



#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Tgt Ion: 94 Resp: 122
Ion Ratio Lower Upper
94 100
96 52.7 76.4 114.6#

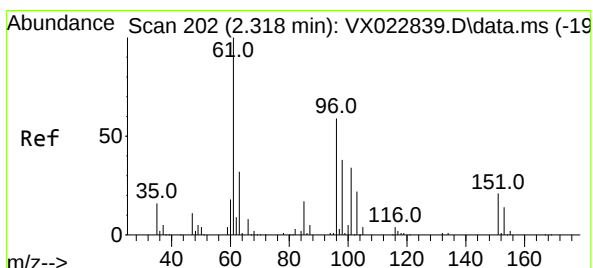
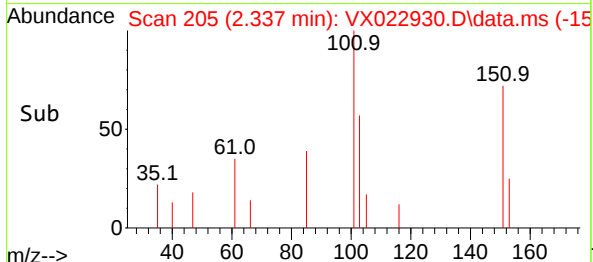
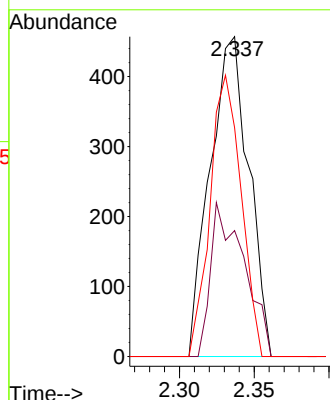
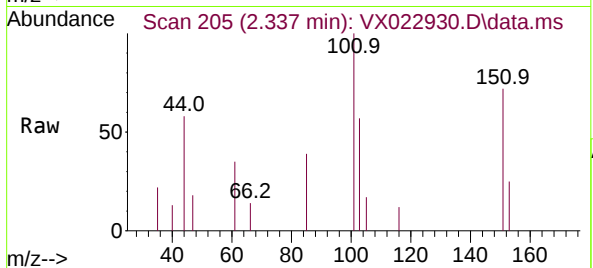




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.25 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

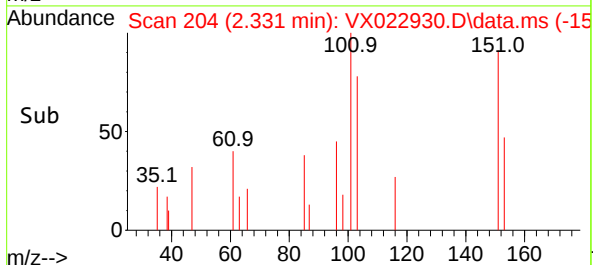
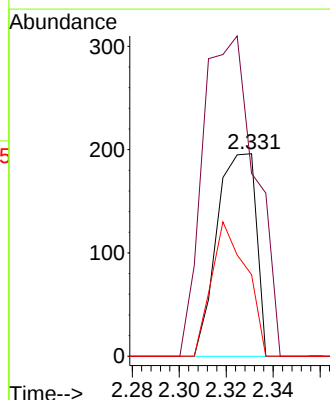
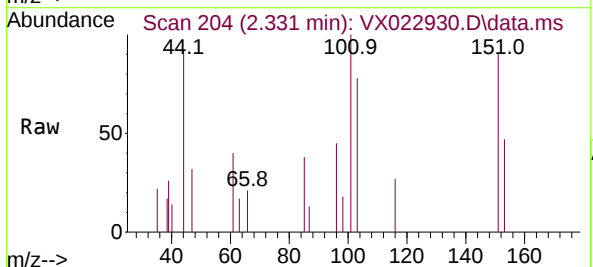
Instrument :
MSVOA_X
ClientSampled :

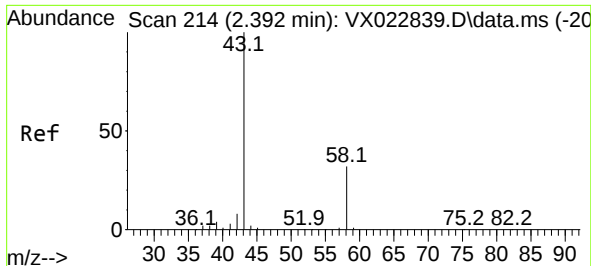
Tgt Ion:101 Resp: 823
Ion Ratio Lower Upper
101 100
85 41.6 34.9 52.3
151 70.6 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.35 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.013 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Tgt Ion: 96 Resp: 226
Ion Ratio Lower Upper
96 100
61 90.3 124.6 187.0#
98 40.3 50.6 76.0#

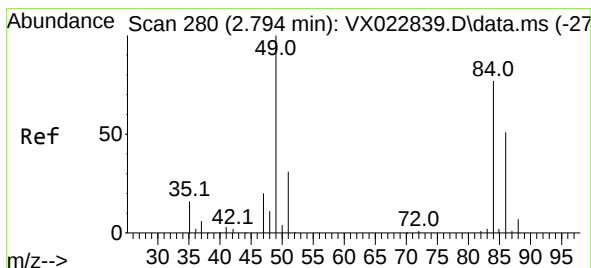
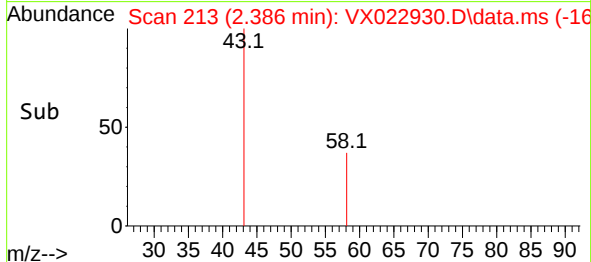
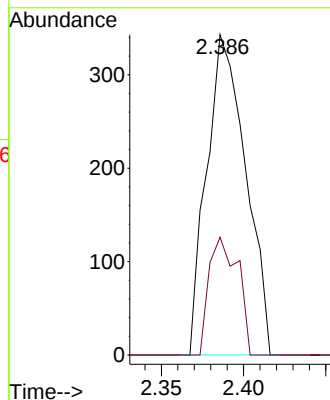
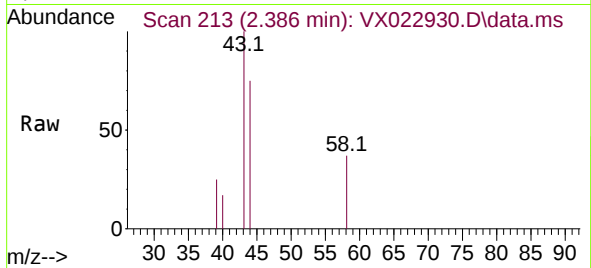




#16
Acetone
Concen: 1.39 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

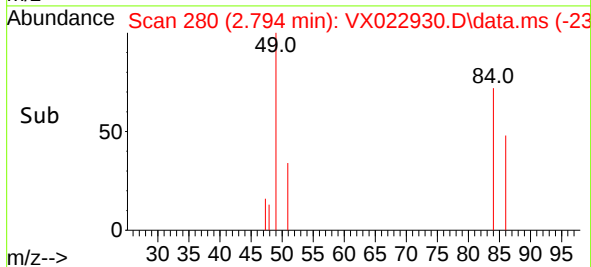
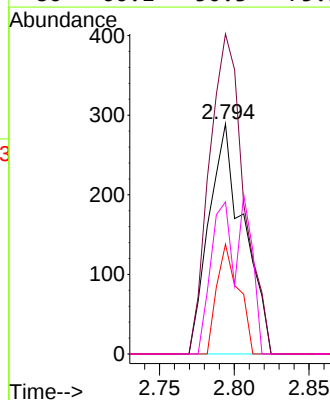
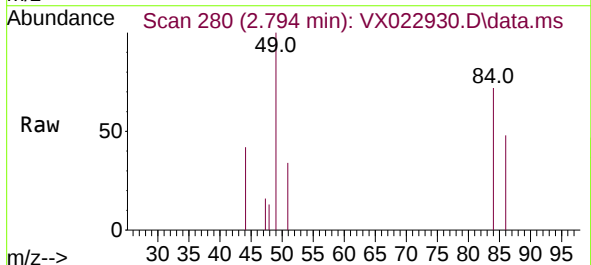
Instrument :
MSVOA_X
ClientSampleId :

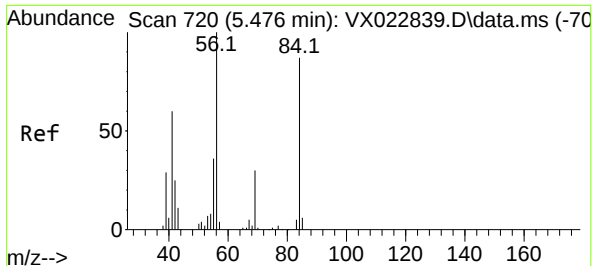
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 36.7 27.8 41.8



#20
Methylene Chloride
Concen: 0.95 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Tgt Ion: 84 Resp: 466
Ion Ratio Lower Upper
84 100
49 139.1 88.6 132.8#
51 47.8 27.0 40.6#
86 66.1 50.3 75.5

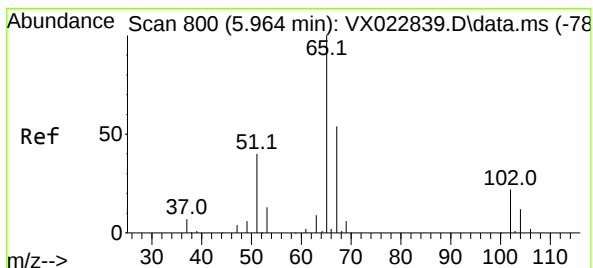
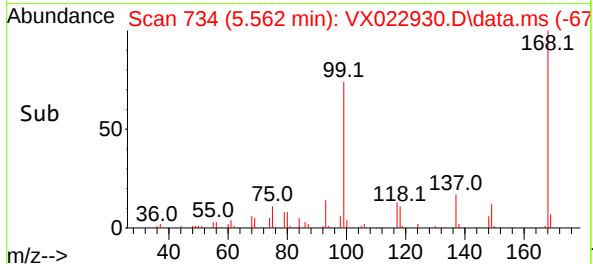
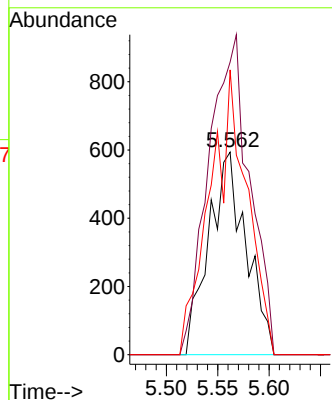
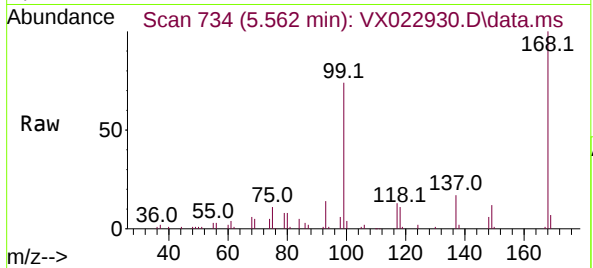




#31
Cyclohexane
Concen: 1.16 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

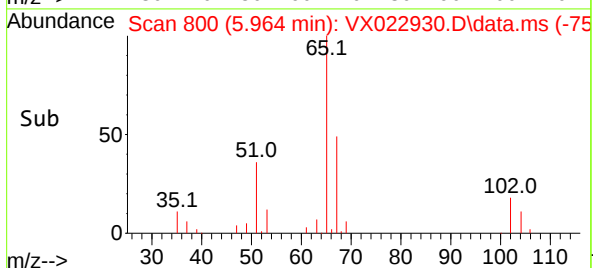
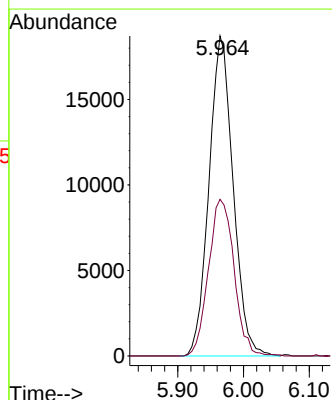
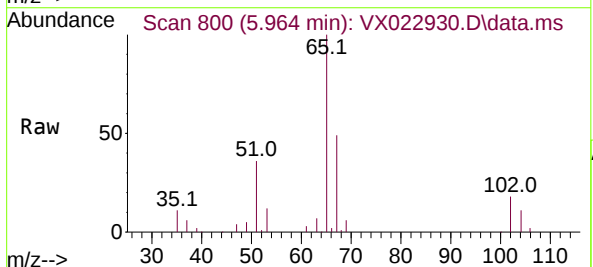
Instrument :
MSVOA_X
ClientSampleId :

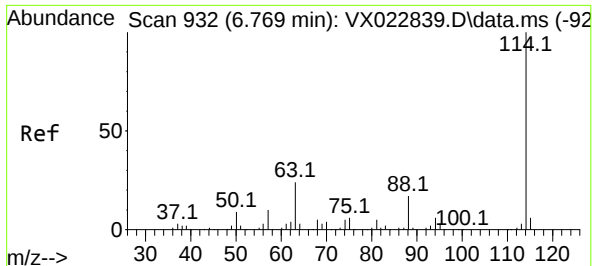
Tgt Ion: 56 Resp: 1498
Ion Ratio Lower Upper
56 100
69 144.4 25.3 37.9#
84 140.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.21 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Tgt Ion: 65 Resp: 47800
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

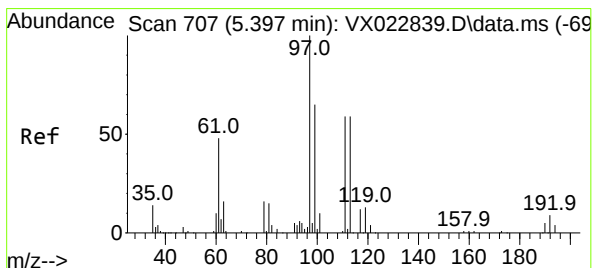
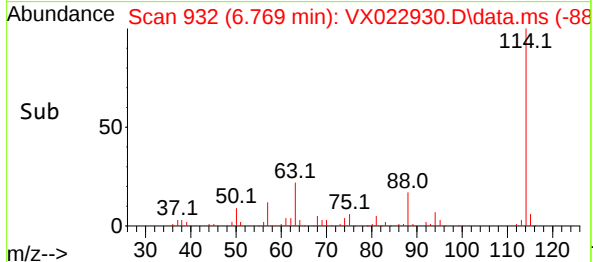
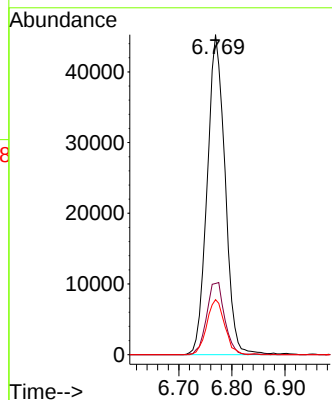
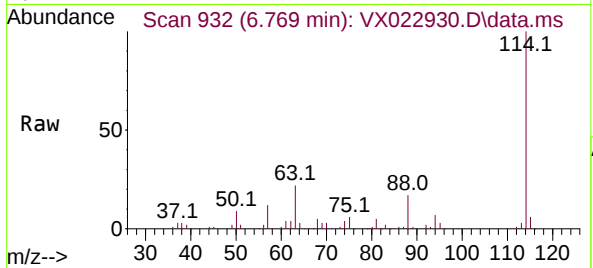




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

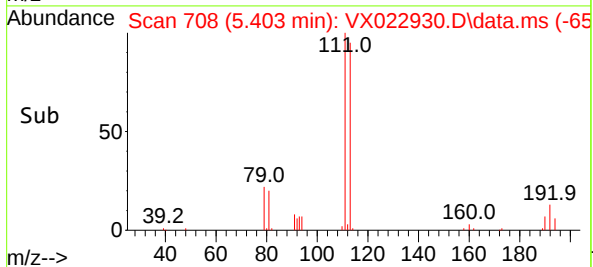
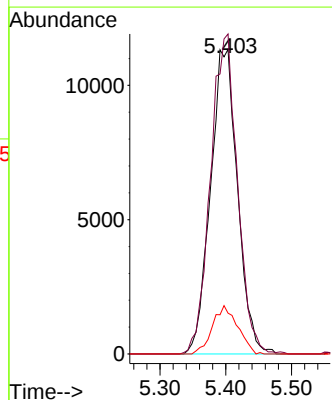
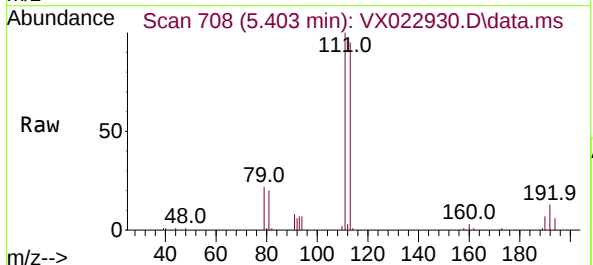
Instrument :
MSVOA_X
ClientSampleId :

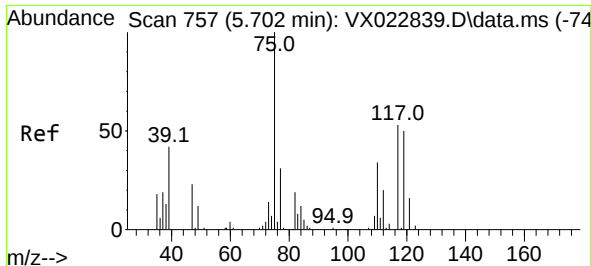
Tgt Ion:114 Resp: 105923
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.37 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Tgt Ion:113 Resp: 32537
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 14.8 16.7 25.1#

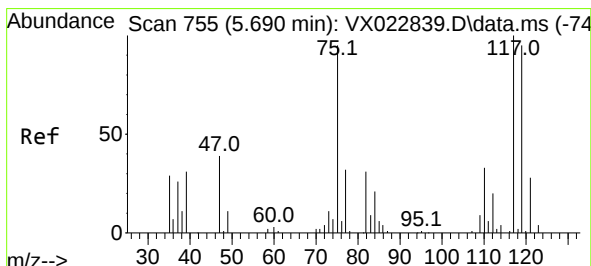
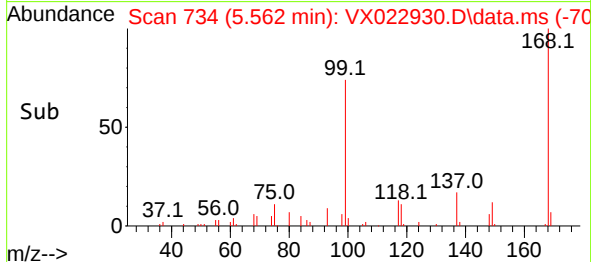
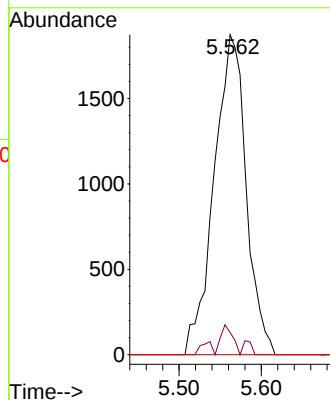
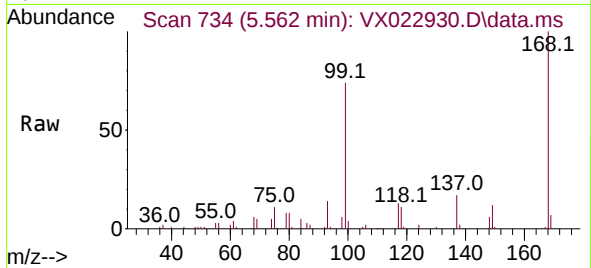




#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

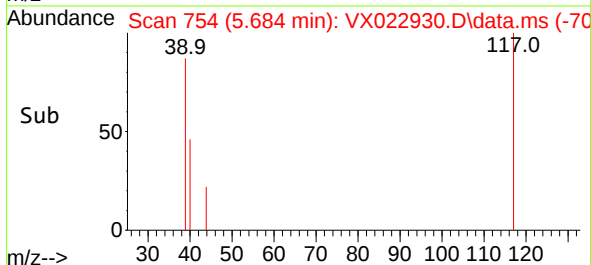
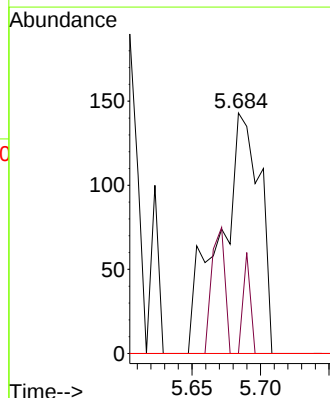
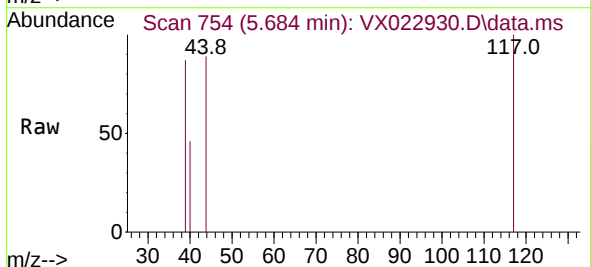
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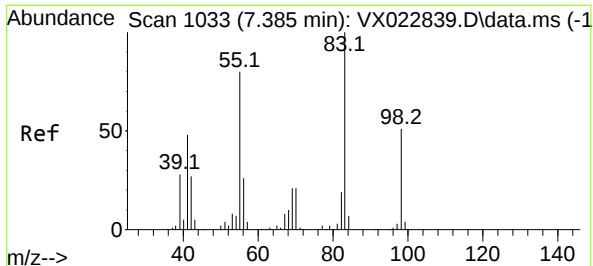
Tgt Ion: 75 Resp: 5070
Ion Ratio Lower Upper
75 100
110 3.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 0.31 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Tgt Ion: 117 Resp: 294
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#

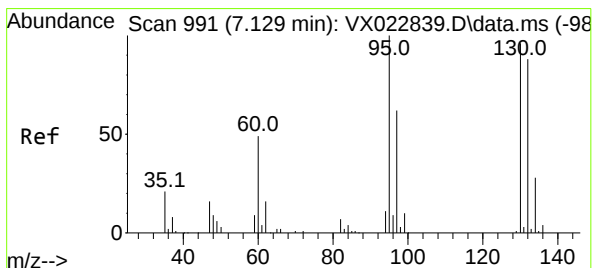
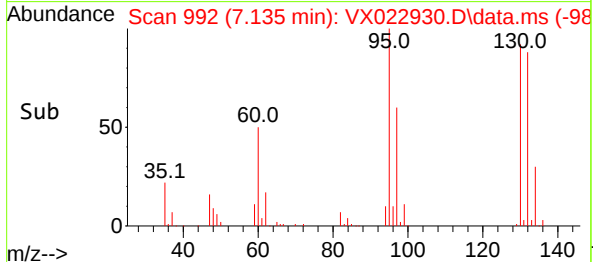
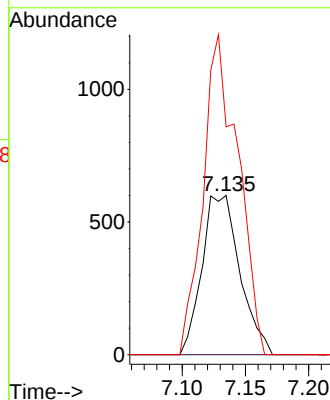
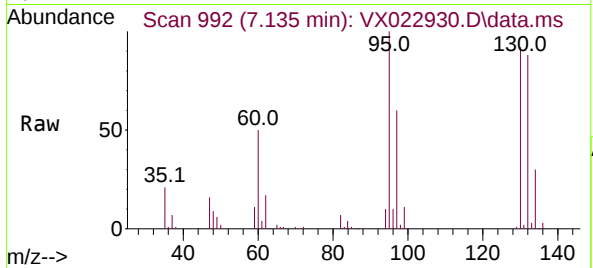




#39
Methylcyclohexane
Concen: 0.95 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

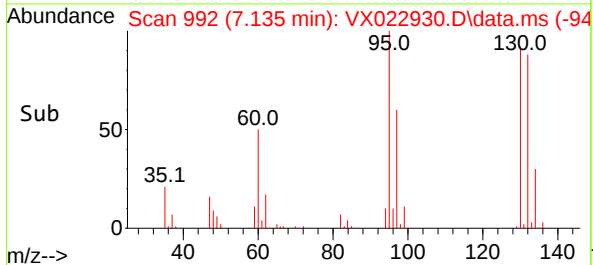
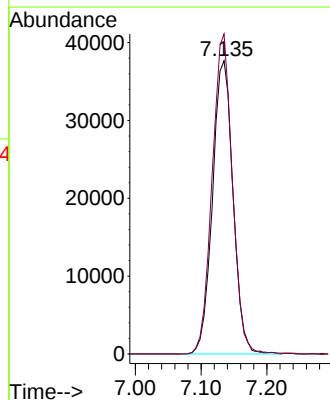
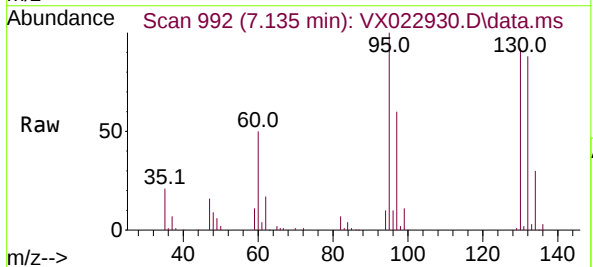
Instrument :
MSVOA_X
ClientSampleId :

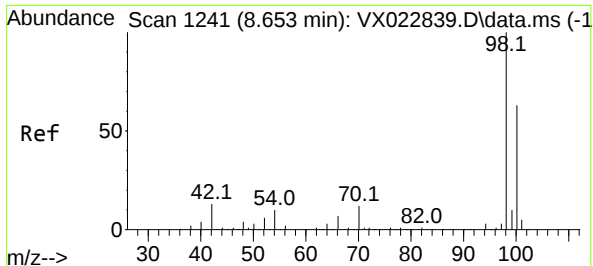
Tgt Ion: 83 Resp: 1253
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 143.2 38.1 57.1#



#44
Trichloroethene
Concen: 106.40 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Tgt Ion:130 Resp: 81862
Ion Ratio Lower Upper
130 100
95 109.1 0.0 198.0





#50

Toluene-d8

Concen: 50.18 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022930.D

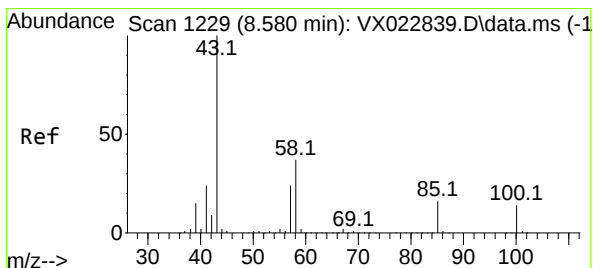
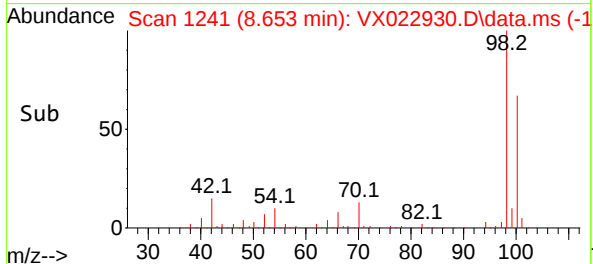
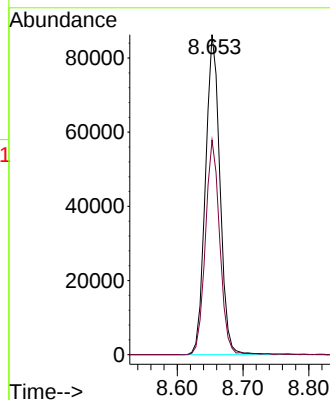
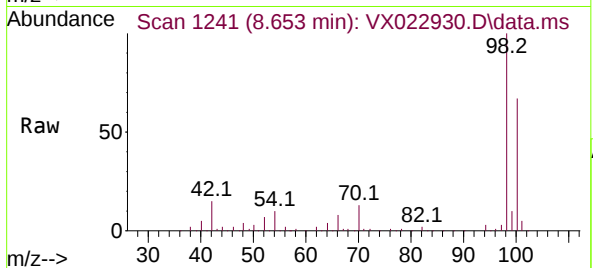
Acq: 25 Jun 2021 18:00

Tgt Ion: 98 Resp: 132276

Ion Ratio Lower Upper

98 100

100 66.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.52 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX022930.D

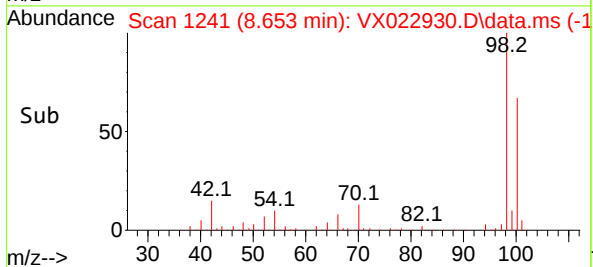
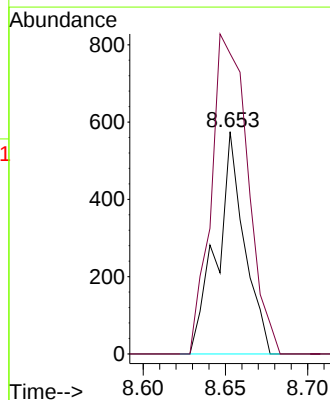
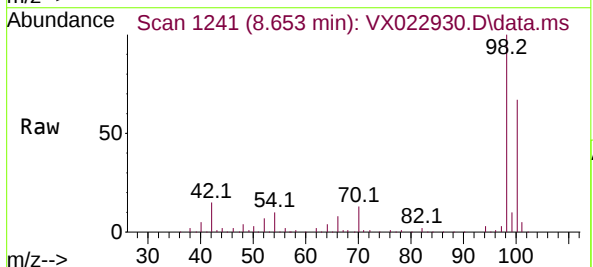
Acq: 25 Jun 2021 18:00

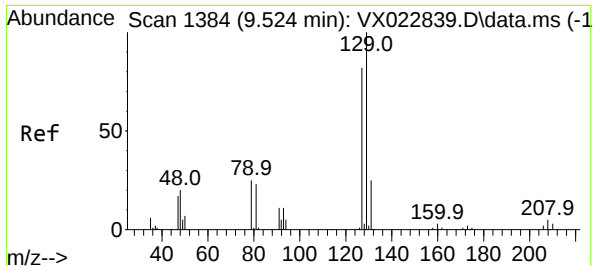
Tgt Ion: 43 Resp: 672

Ion Ratio Lower Upper

43 100

58 190.5 35.4 53.0#





#60

Dibromochloromethane

Concen: 3.78 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.249 min

Lab File: VX022930.D

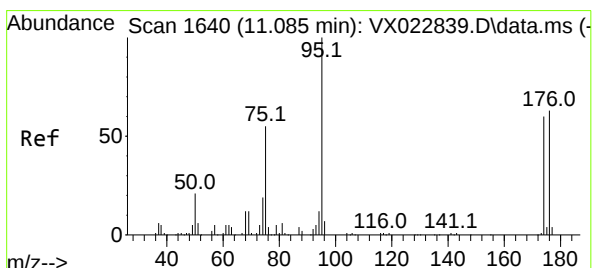
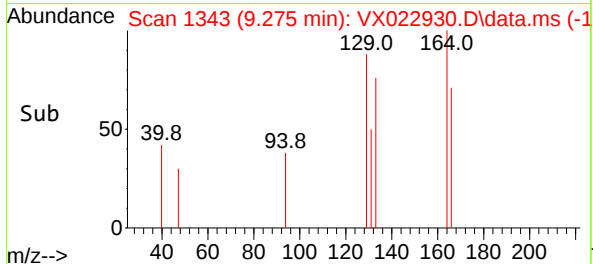
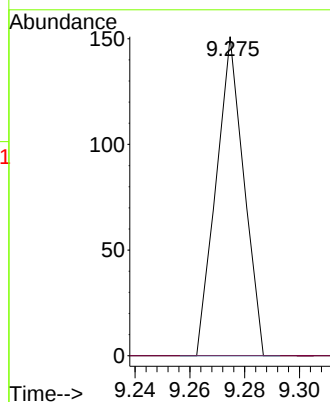
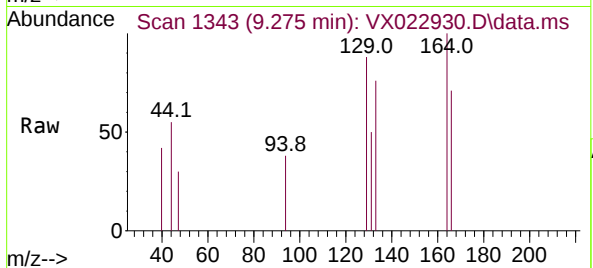
Acq: 25 Jun 2021 18:00

Tgt Ion:129 Resp: 106

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 49.52 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022930.D

Acq: 25 Jun 2021 18:00

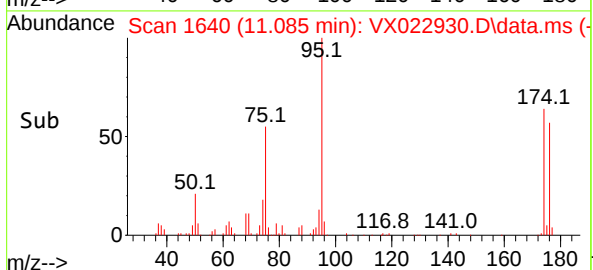
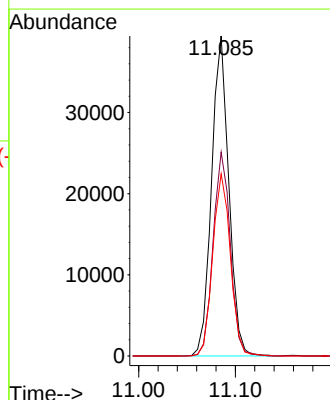
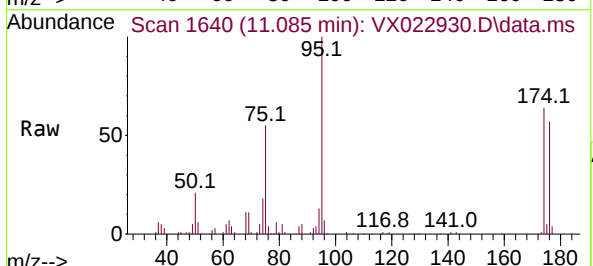
Tgt Ion: 95 Resp: 48722

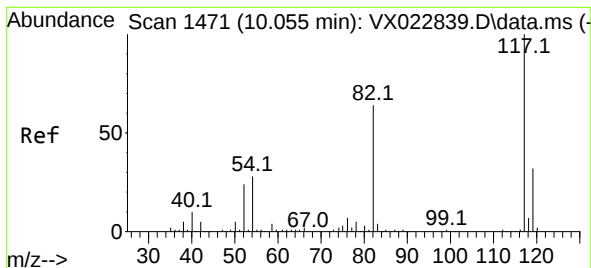
Ion Ratio Lower Upper

95 100

174 63.4 0.0 154.6

176 58.2 0.0 155.8

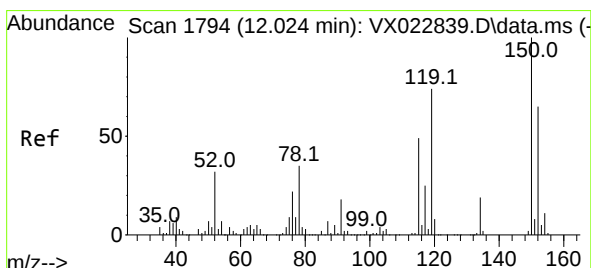
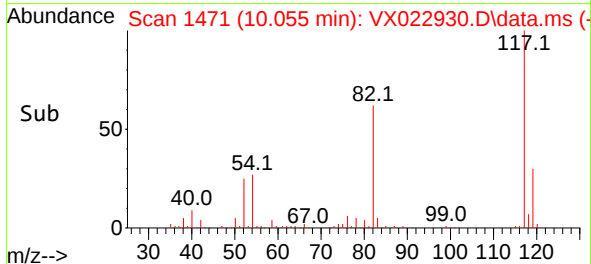
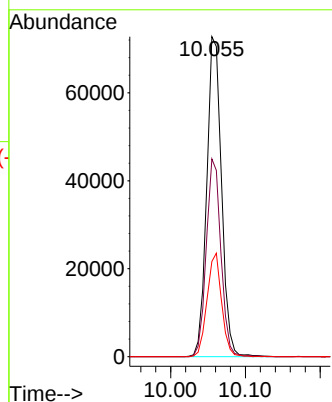
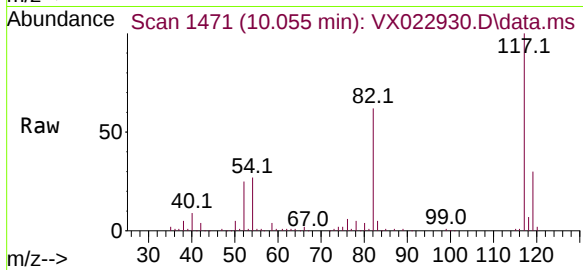




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

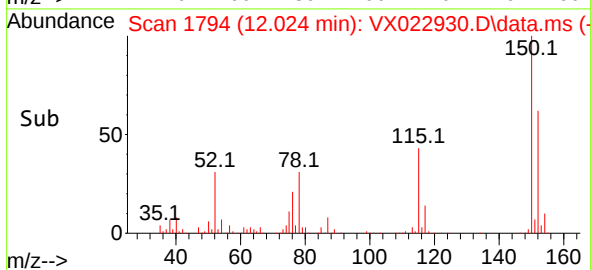
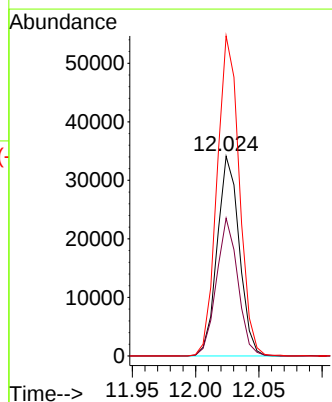
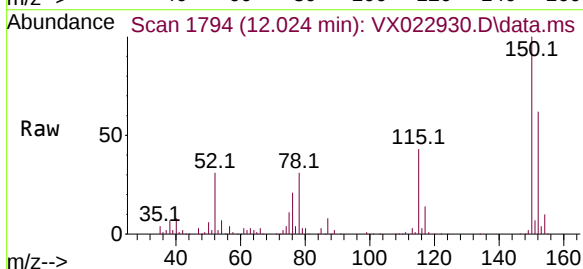
Instrument :
MSVOA_X
ClientSampleId :

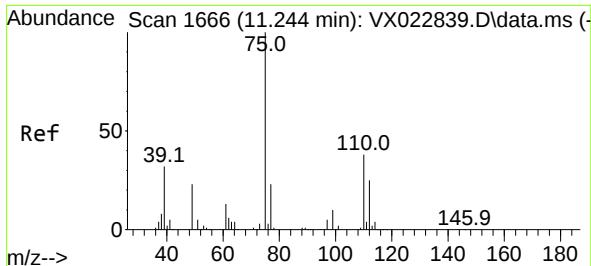
Tgt Ion:117 Resp: 99705
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 29.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Tgt Ion:152 Resp: 41239
Ion Ratio Lower Upper
152 100
115 67.2 41.1 123.3
150 161.6 0.0 349.0

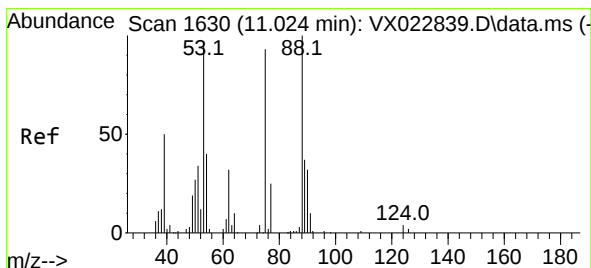
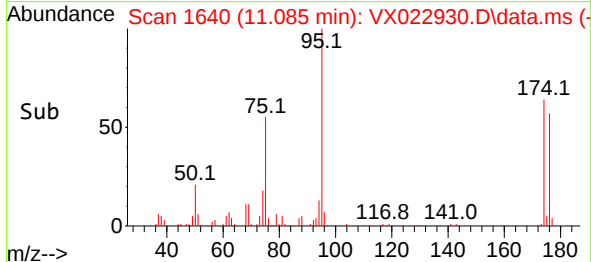
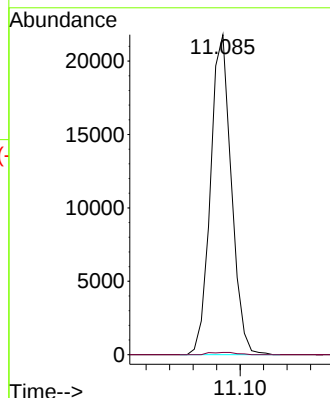
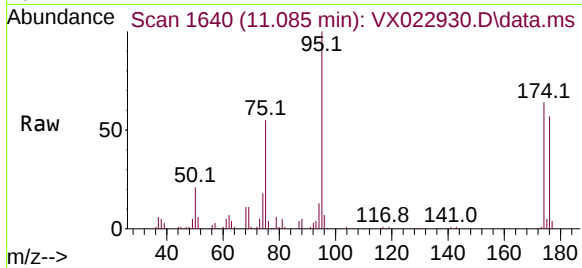




#76
1,2,3-Trichloropropane
Concen: 24.63 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

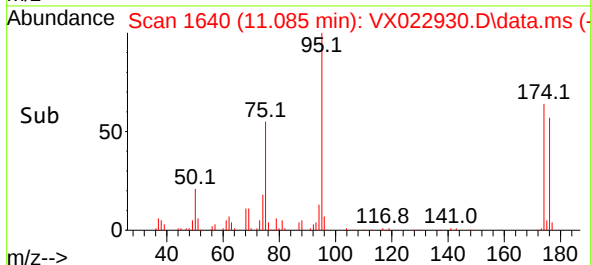
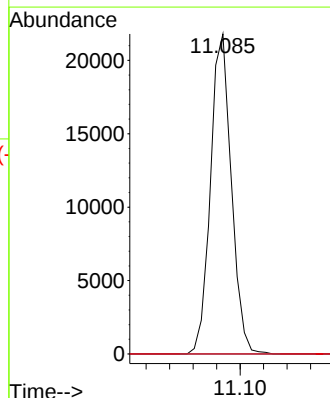
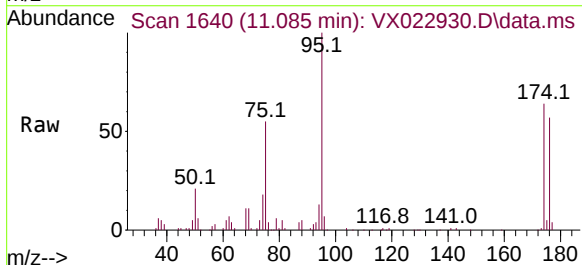
Instrument :
MSVOA_X
ClientSampled :

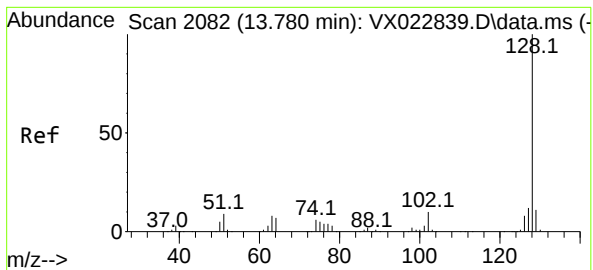
Tgt Ion: 75 Resp: 26828
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.37 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Tgt Ion: 75 Resp: 26828
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.93 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022930.D
Acq: 25 Jun 2021 18:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 25
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

