

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023989.D
 Acq On : 27 Aug 2021 13:58
 Operator : JC/MD
 Sample : M3561-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 28 04:56:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

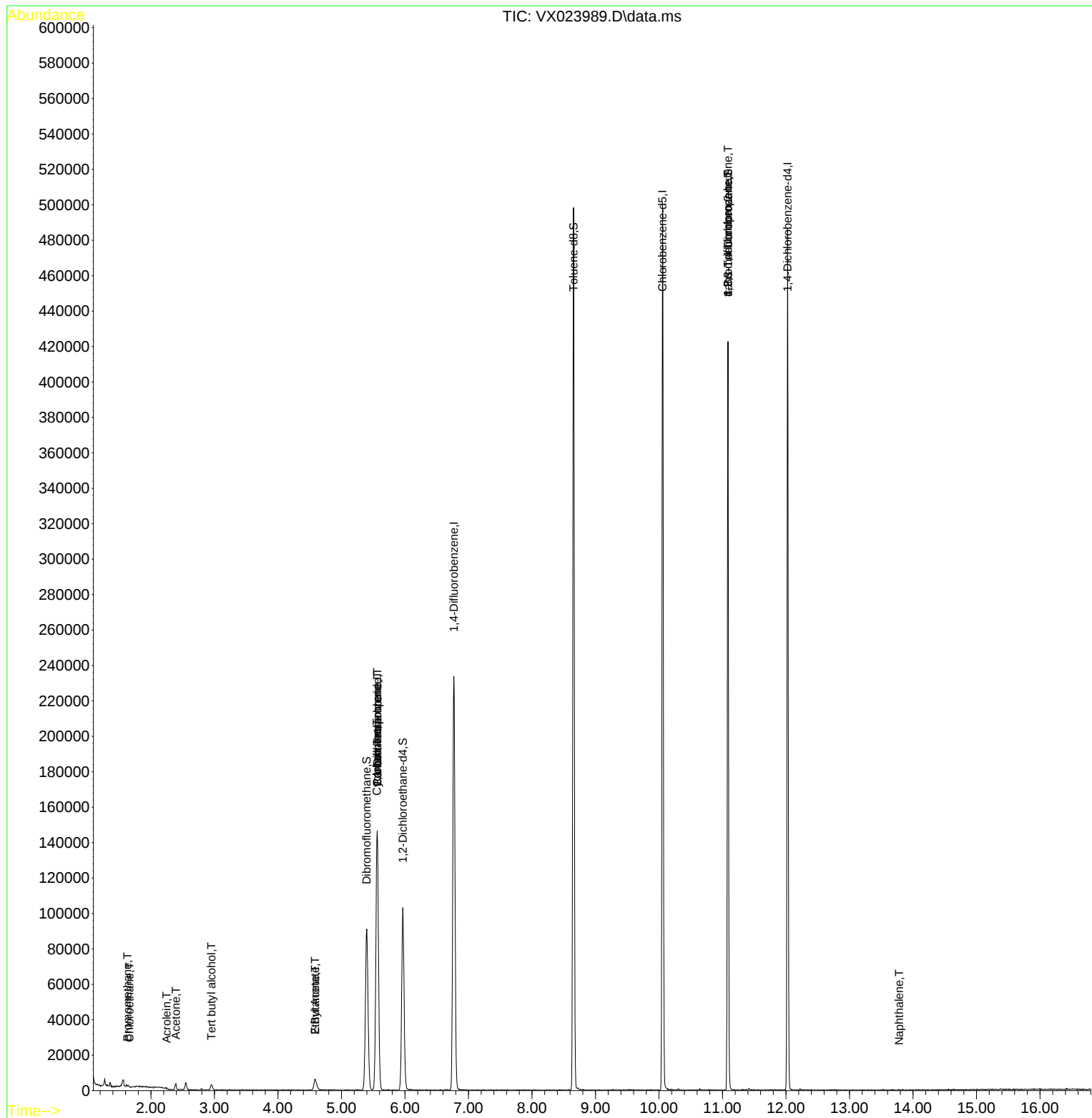
Internal Standards						
1) Pentafluorobenzene	5.562	168	135092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100038	53.058	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.120%	
35) Dibromofluoromethane	5.398	113	77498	49.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.560%	
50) Toluene-d8	8.653	98	283891	47.912	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.820%	
62) 4-Bromofluorobenzene	11.086	95	102728	47.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	633	0.660	ug/l #	41
6) Chloroethane	1.660	64	184	2.355	ug/l #	43
11) Tert butyl alcohol	2.953	59	2057	5.395	ug/l #	73
13) Acrolein	2.246	56	48	0.212	ug/l #	80
16) Acetone	2.392	43	3470	4.116	ug/l	89
25) 2-Butanone	4.587	43	1880	1.472	ug/l	96
31) Cyclohexane	5.556	56	3305	1.364	ug/l #	30
36) 1,1-Dichloropropene	5.562	75	10991	5.046	ug/l #	48
37) Ethyl Acetate	4.587	43	1880	0.702	ug/l #	83
38) Carbon Tetrachloride	5.562	117	14334	6.311	ug/l #	15
76) 1,2,3-Trichloropropane	11.086	75	56526	25.657	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	56526	75.471	ug/l #	12
95) Naphthalene	13.780	128	105	1.297	ug/l #	69

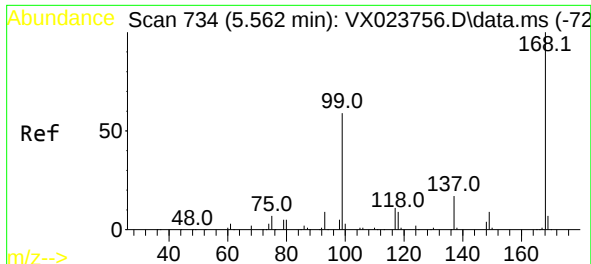
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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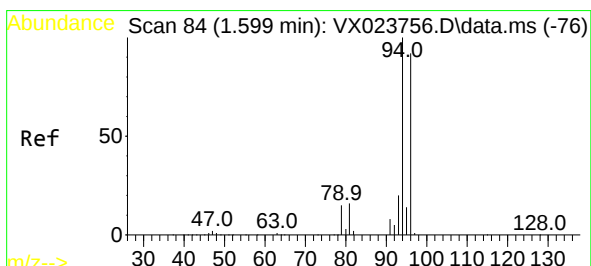
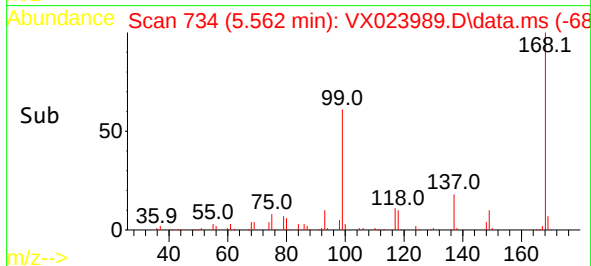
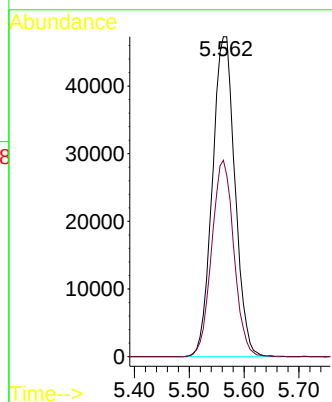
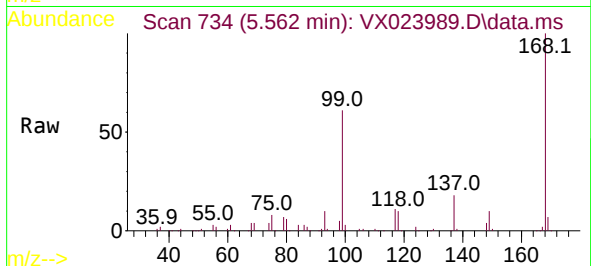




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

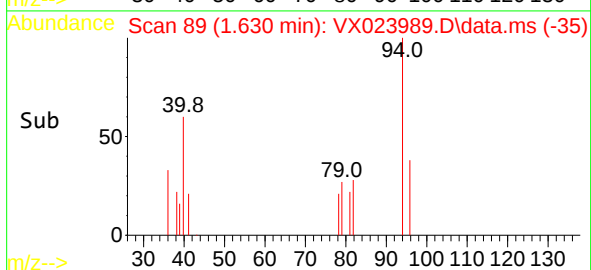
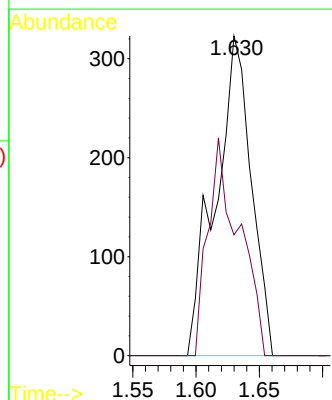
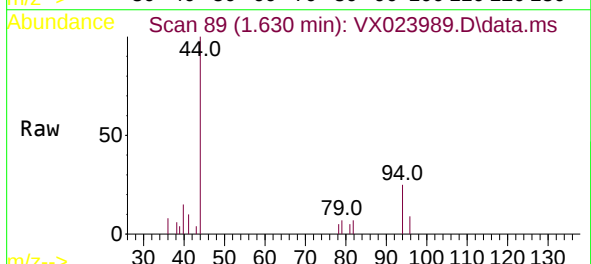
Instrument :
MSVOA_X
ClientSampled :

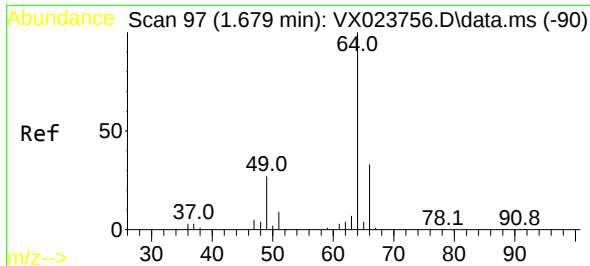
Tgt Ion:168 Resp: 135092
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#5
Bromomethane
Concen: 0.660 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 37.8 76.4 114.6#

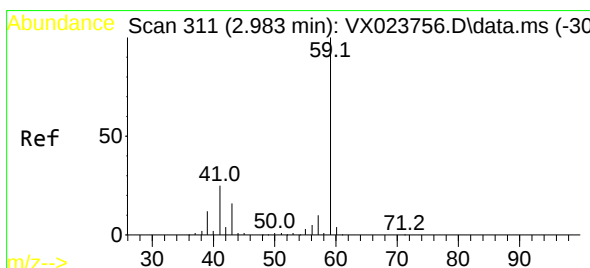
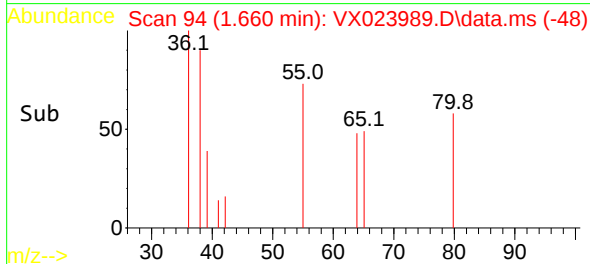
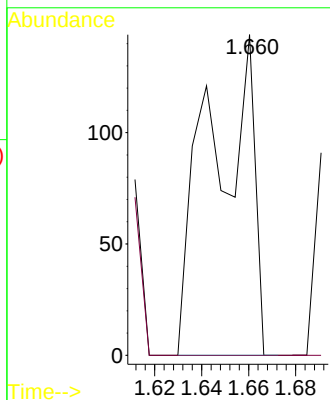
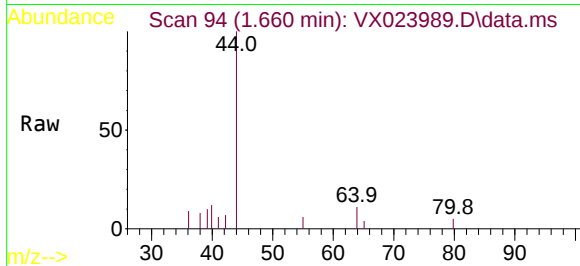




#6
Chloroethane
Concen: 2.355 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

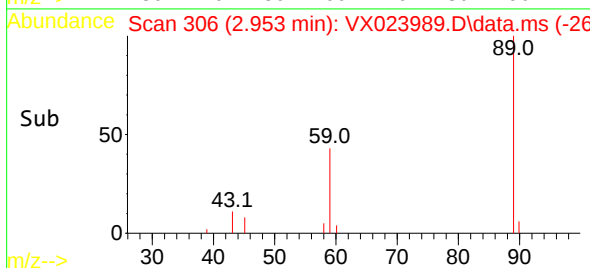
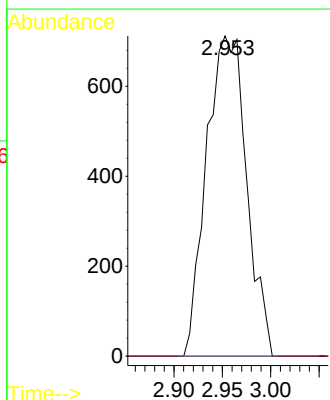
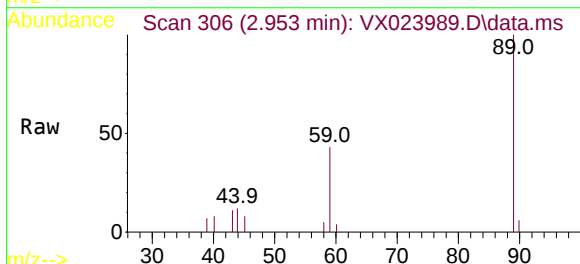
Instrument :
MSVOA_X
ClientSampled :

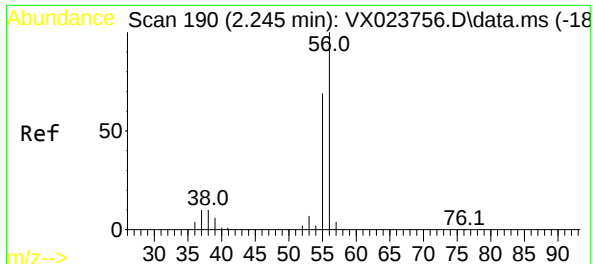
Tgt Ion: 64 Resp: 184
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 5.395 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

Tgt Ion: 59 Resp: 2057
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

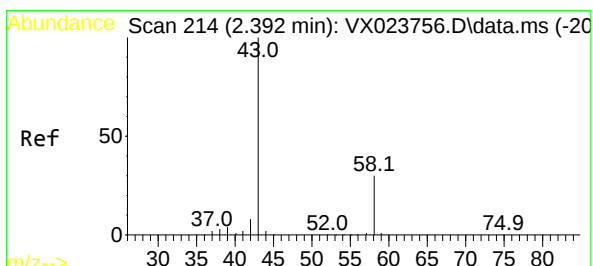
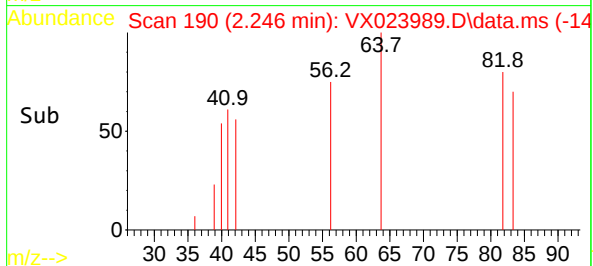
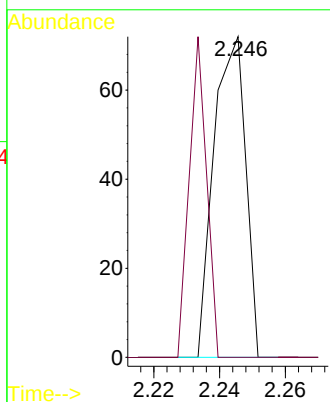
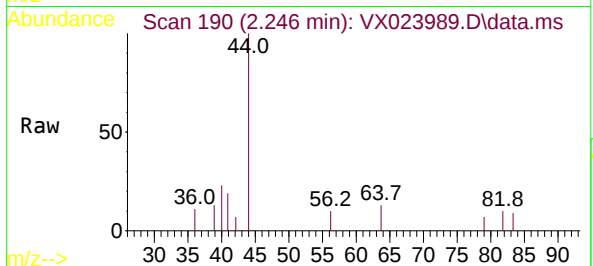




#13
Acrolein
Concen: 0.212 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

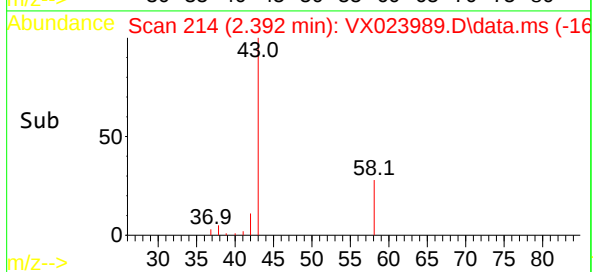
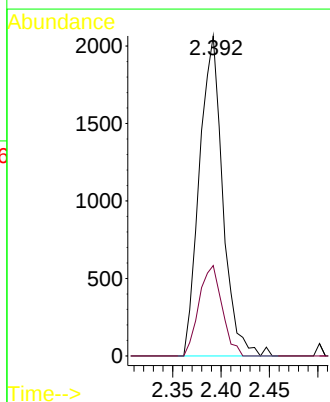
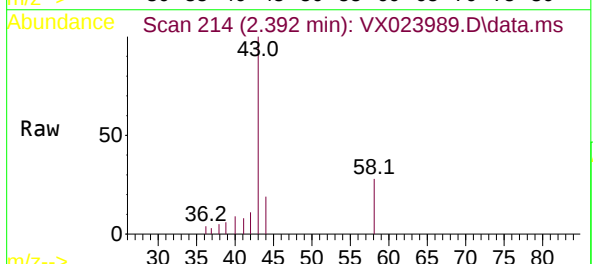
Instrument :
MSVOA_X
ClientSampled :

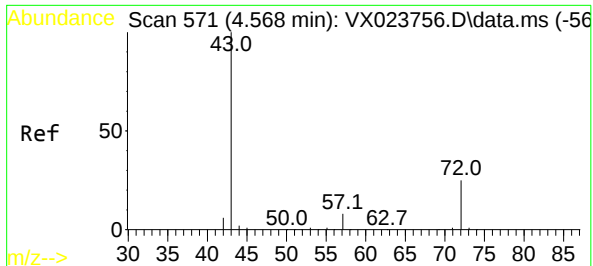
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 54.2 56.4 84.6#



#16
Acetone
Concen: 4.116 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

Tgt Ion: 43 Resp: 3470
Ion Ratio Lower Upper
43 100
58 28.2 27.8 41.8





#25

2-Butanone

Concen: 1.472 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX023989.D

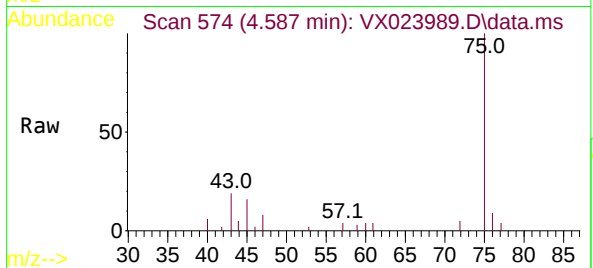
Acq: 27 Aug 2021 13:58

Tgt Ion: 43 Resp: 1880

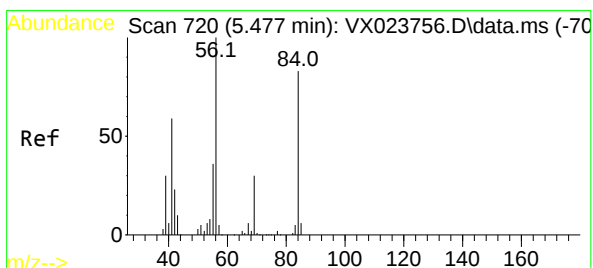
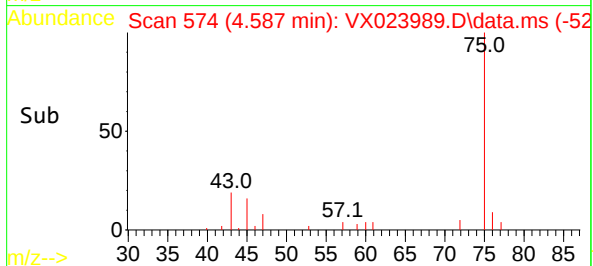
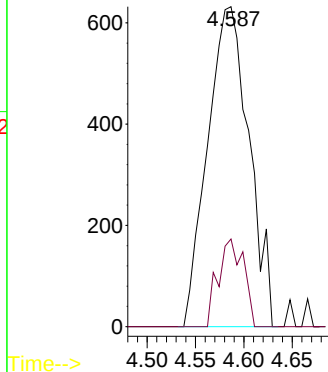
Ion Ratio Lower Upper

43 100

72 27.4 23.7 35.5



Abundance



#31

Cyclohexane

Concen: 1.364 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX023989.D

Acq: 27 Aug 2021 13:58

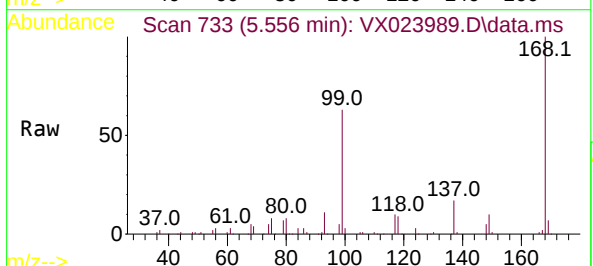
Tgt Ion: 56 Resp: 3305

Ion Ratio Lower Upper

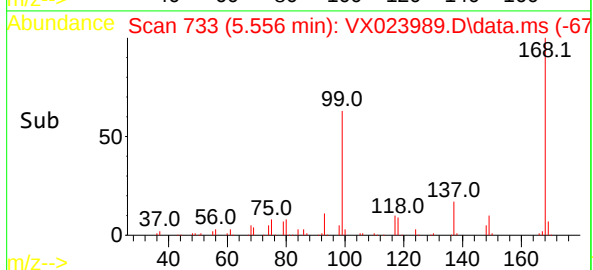
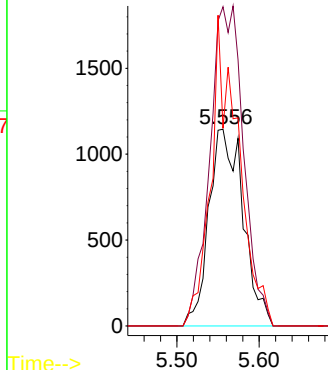
56 100

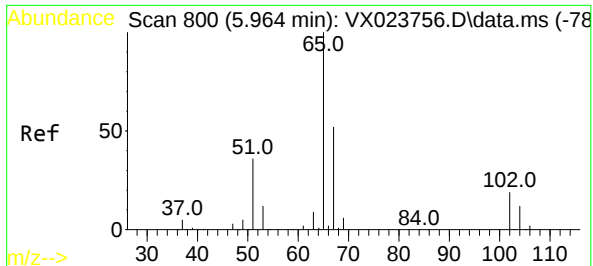
69 162.1 25.3 37.9#

84 100.3 71.4 107.0



Abundance



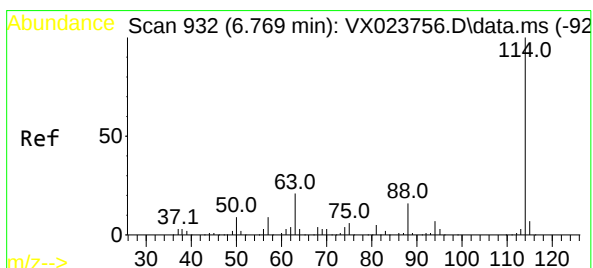
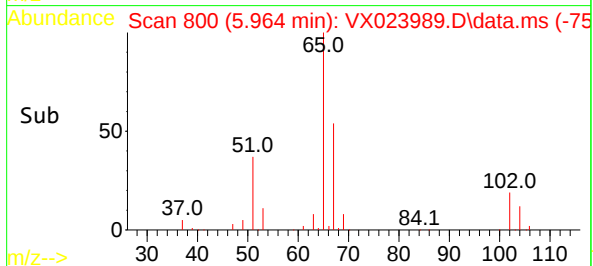
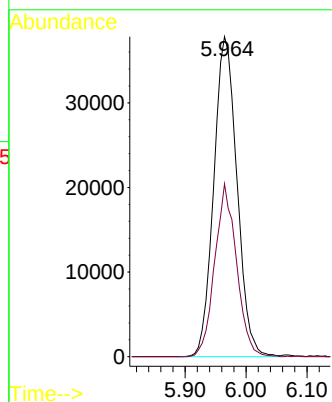
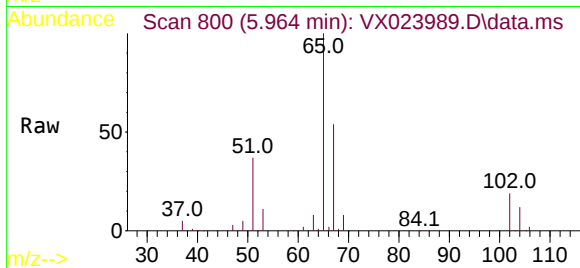


#33

1,2-Dichloroethane-d4
Concen: 53.058 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

Instrument :
MSVOA_X
ClientSampled :

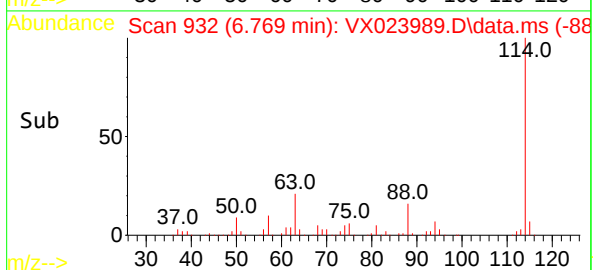
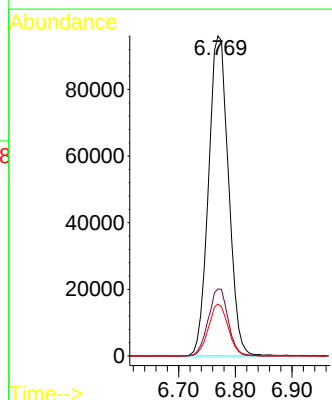
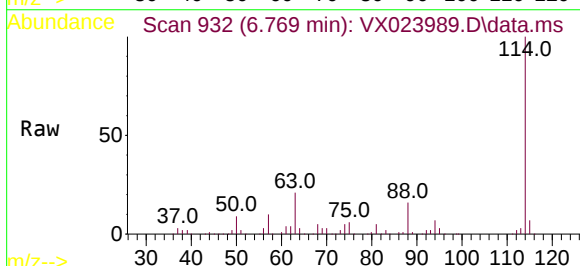
Tgt Ion: 65 Resp: 100038
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

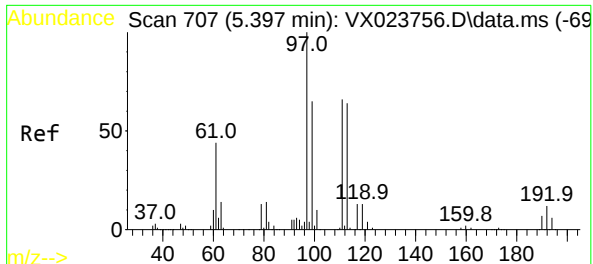


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

Tgt Ion: 114 Resp: 235209
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.2 0.0 32.8

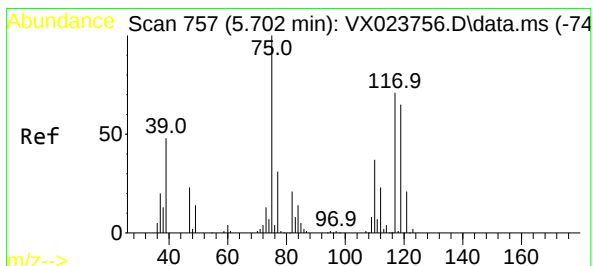
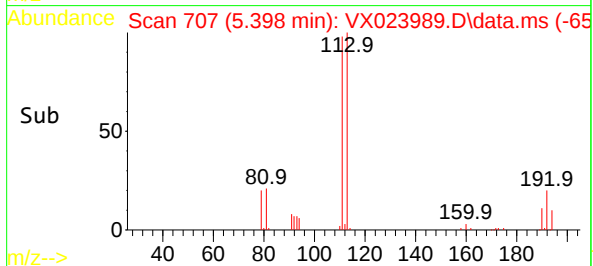
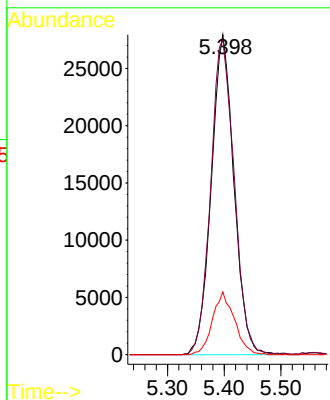
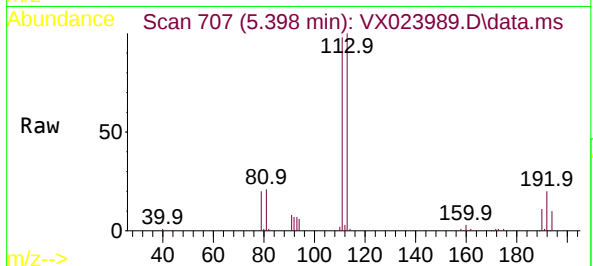




#35
Dibromofluoromethane
Concen: 49.781 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

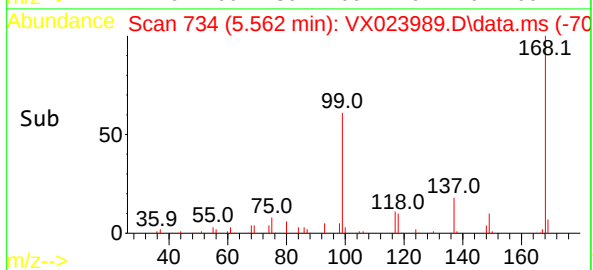
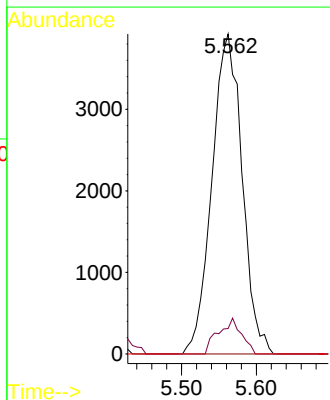
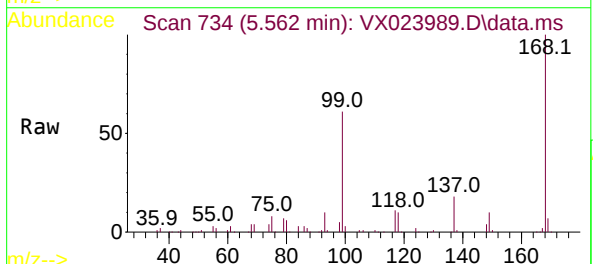
Instrument :
MSVOA_X
ClientSampleId :

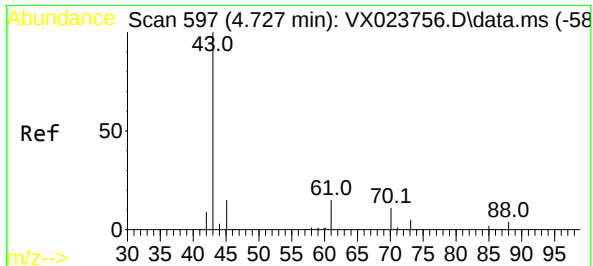
Tgt Ion:113 Resp: 77498
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.046 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

Tgt Ion: 75 Resp: 10991
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.702 ug/l

RT: 4.587 min Scan# 574

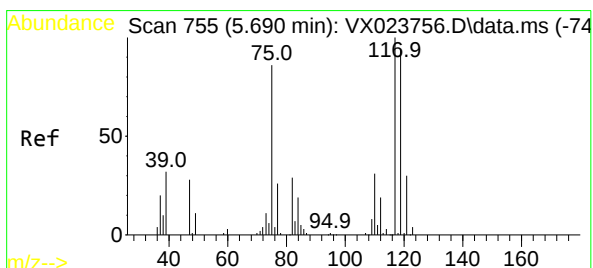
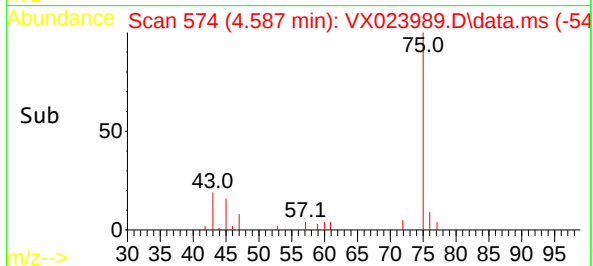
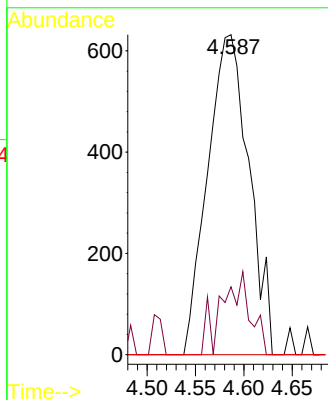
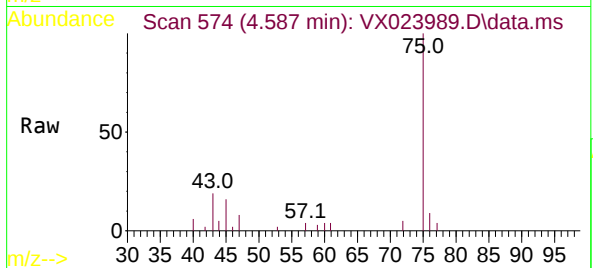
Delta R.T. -0.140 min

Lab File: VX023989.D

Acq: 27 Aug 2021 13:58

Tgt Ion: 43	Resp: 1880
Ion Ratio	Lower Upper
43 100	
61 18.1	12.8 19.2
70 0.0	10.5 15.7#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.311 ug/l

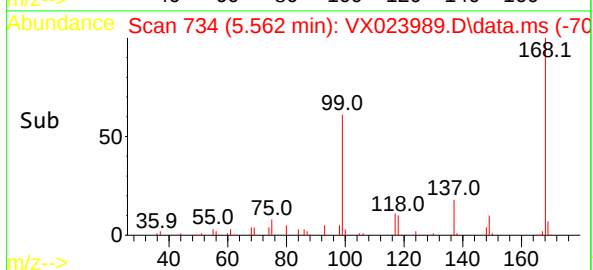
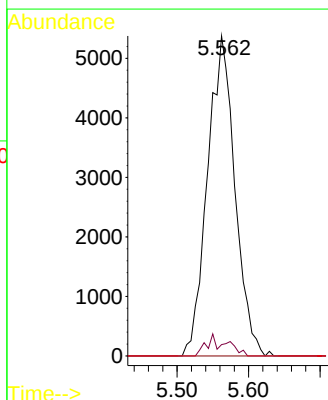
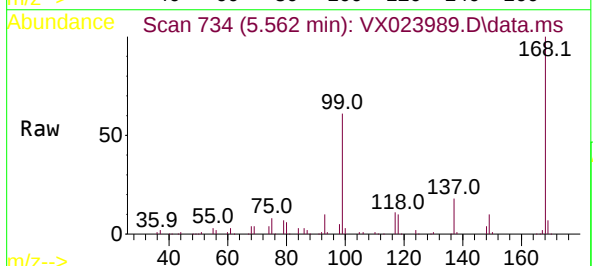
RT: 5.562 min Scan# 734

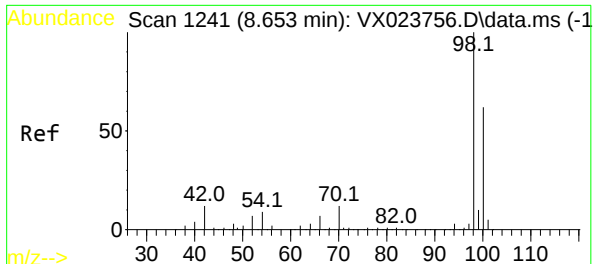
Delta R.T. -0.128 min

Lab File: VX023989.D

Acq: 27 Aug 2021 13:58

Tgt Ion: 117	Resp: 14334
Ion Ratio	Lower Upper
117 100	
119 3.5	76.2 114.2#
121 0.0	24.8 37.2#

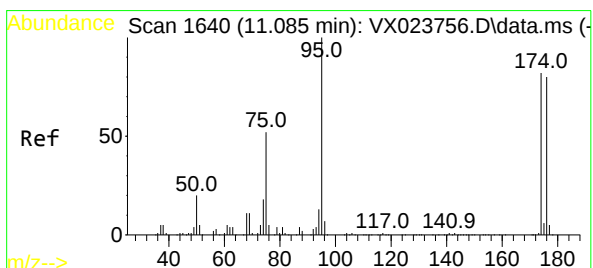
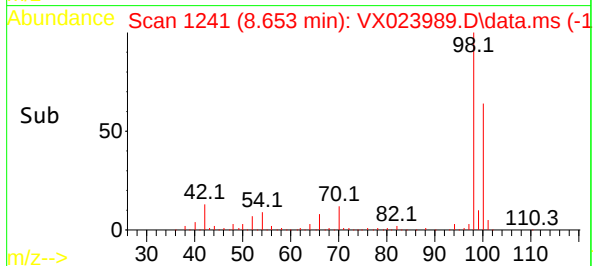
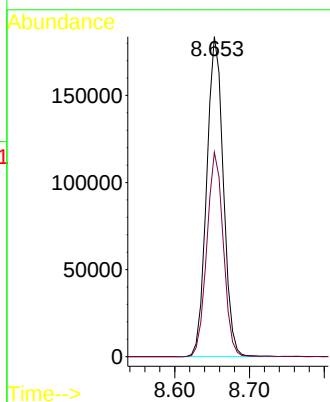
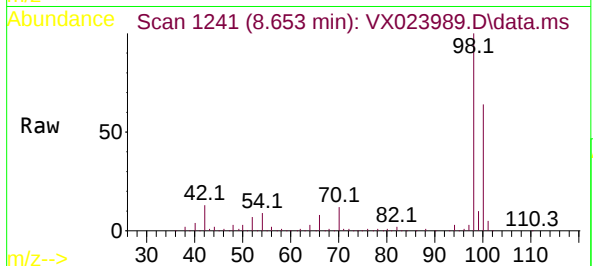




#50
Toluene-d8
Concen: 47.912 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

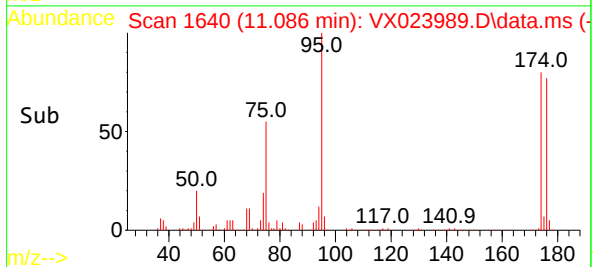
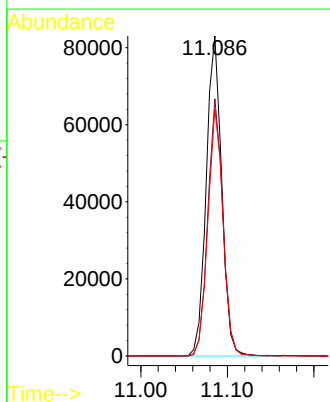
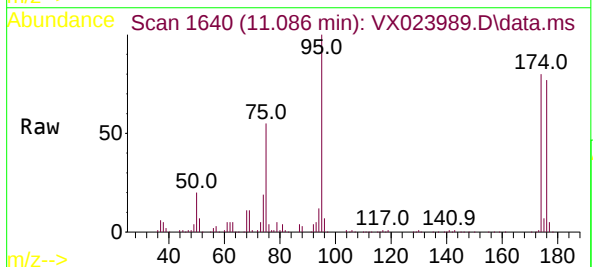
Instrument :
MSVOA_X
ClientSampled :

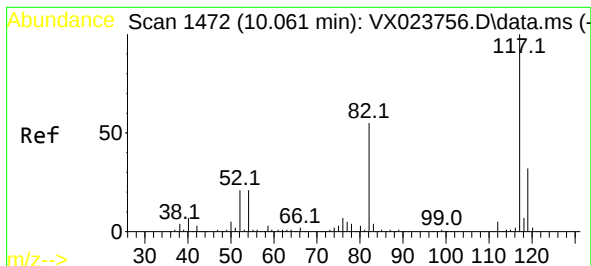
Tgt Ion: 98 Resp: 283891
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.096 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

Tgt Ion: 95 Resp: 102728
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 75.9 0.0 155.8

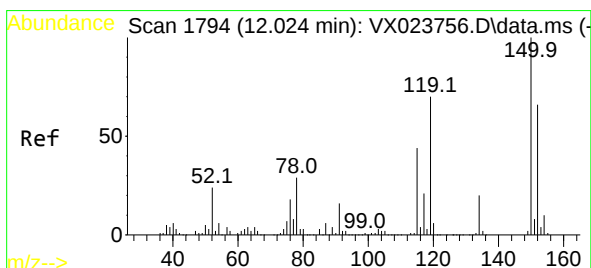
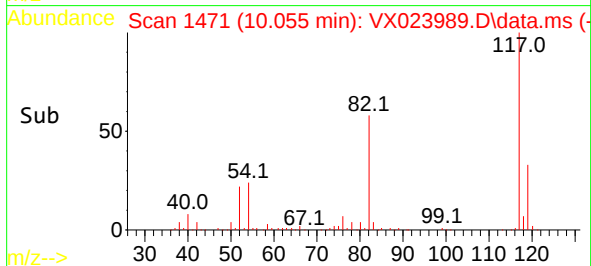
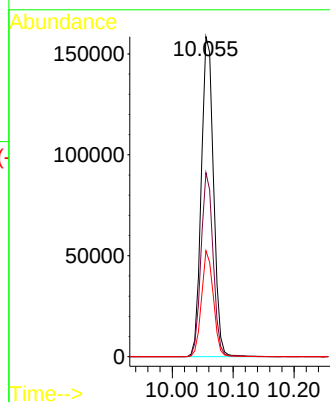
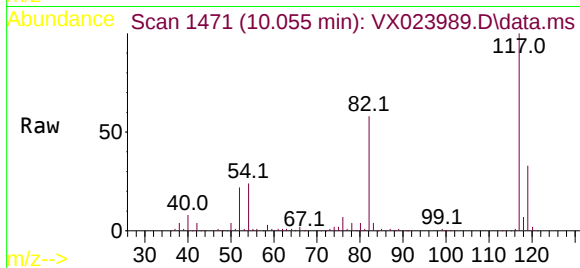




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

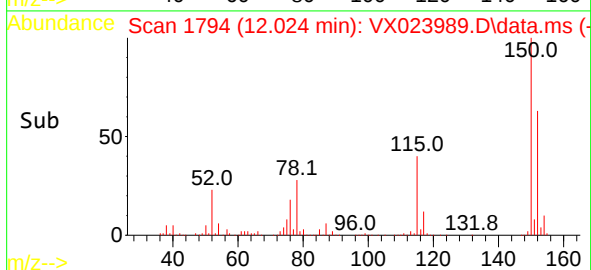
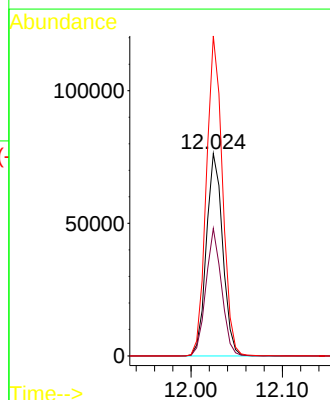
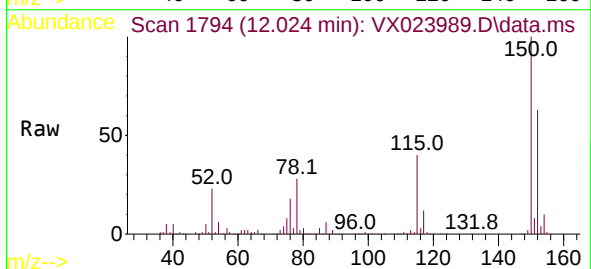
Instrument :
MSVOA_X
ClientSampled :

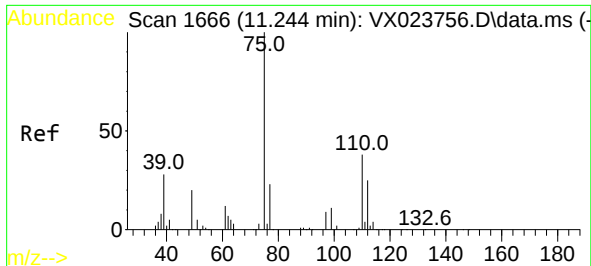
Tgt Ion:117 Resp: 220668
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

Tgt Ion:152 Resp: 94445
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 155.4 0.0 349.0

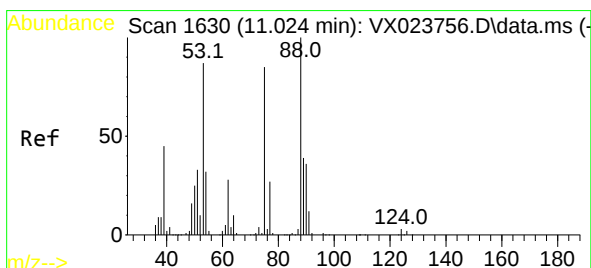
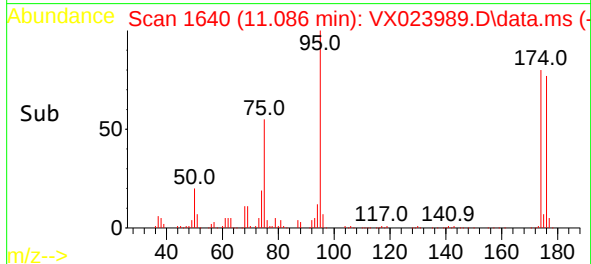
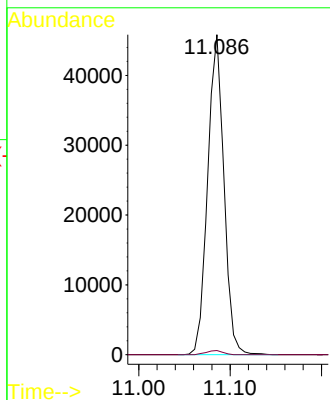
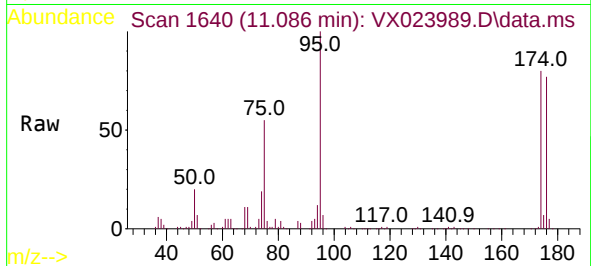




#76
1,2,3-Trichloropropane
Concen: 25.657 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

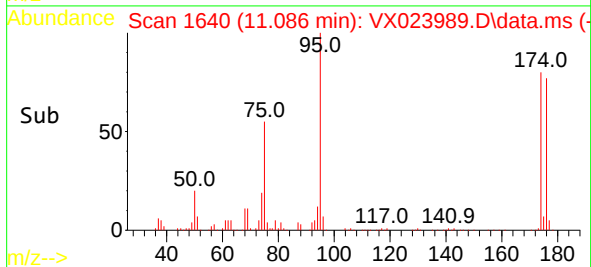
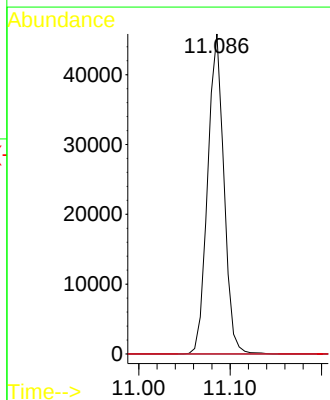
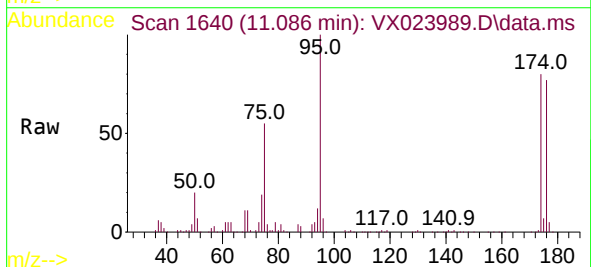
Instrument :
MSVOA_X
ClientSampled :

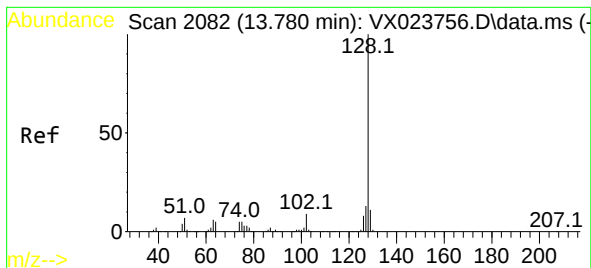
Tgt Ion: 75 Resp: 56526
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.471 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

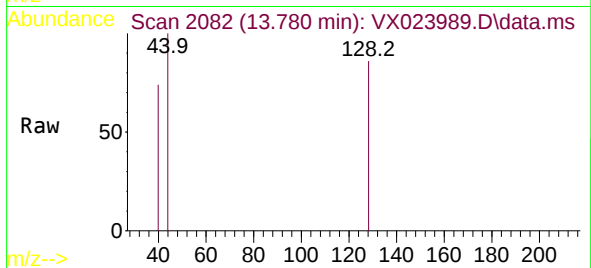
Tgt Ion: 75 Resp: 56526
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.297 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023989.D
Acq: 27 Aug 2021 13:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 105
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

