

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023991.D
 Acq On : 27 Aug 2021 14:45
 Operator : JC/MD
 Sample : M3561-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 28 04:56:47 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)

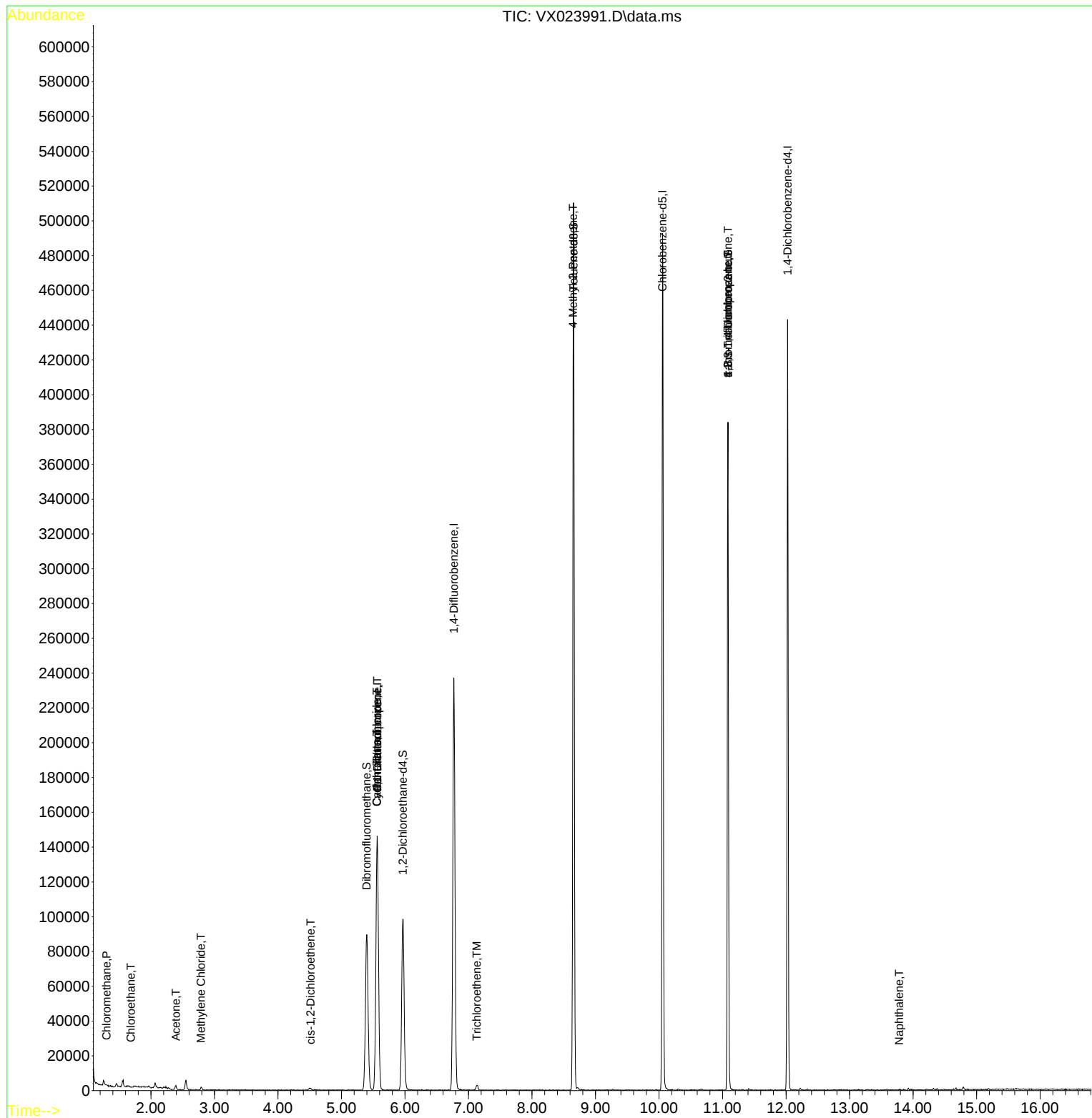
Internal Standards						
1) Pentafluorobenzene	5.562	168	134851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100395	53.342	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.680%	
35) Dibromofluoromethane	5.397	113	77614	50.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.820%	
50) Toluene-d8	8.653	98	283966	48.940	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.880%	
62) 4-Bromofluorobenzene	11.085	95	97179	45.496	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	468	0.300	ug/l #	42
6) Chloroethane	1.685	64	348	2.479	ug/l #	43
16) Acetone	2.392	43	2516	2.990	ug/l	99
20) Methylene Chloride	2.788	84	683	0.425	ug/l #	72
27) cis-1,2-Dichloroethene	4.513	96	690	0.419	ug/l	87
31) Cyclohexane	5.556	56	3234	1.337	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	10945	5.131	ug/l #	45
38) Carbon Tetrachloride	5.556	117	14081	6.331	ug/l #	17
44) Trichloroethene	7.129	130	1156	0.663	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1439	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	53164	26.603	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	53164	78.255	ug/l #	12
95) Naphthalene	13.780	128	235	1.319	ug/l #	69

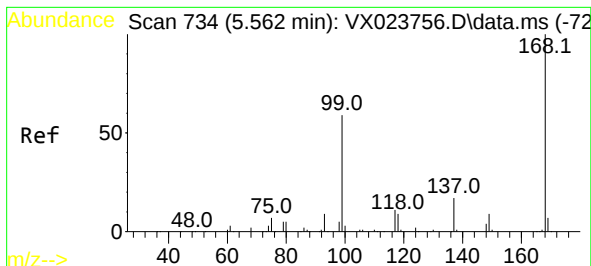
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX023991.D

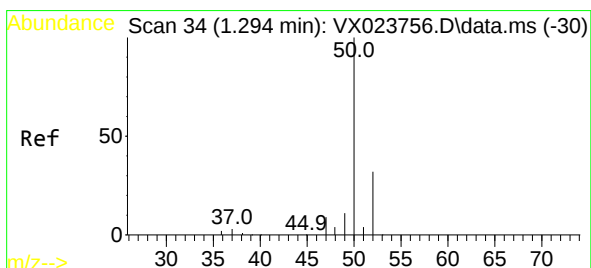
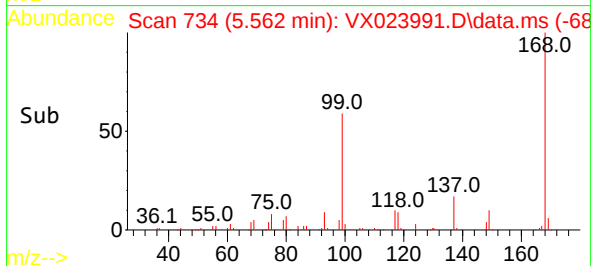
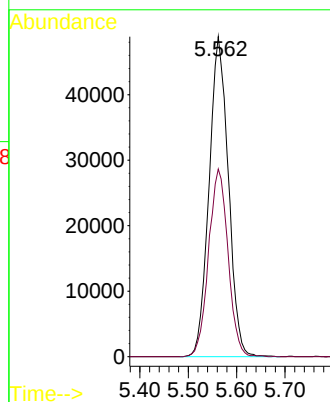
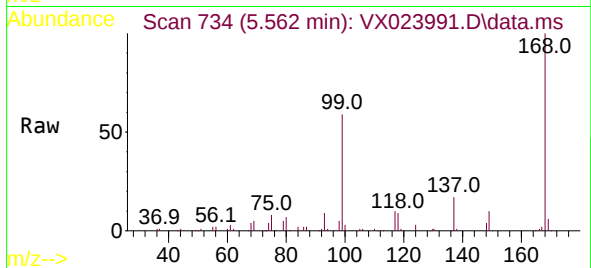
Acq: 27 Aug 2021 14:45

Tgt Ion:168 Resp: 134851

Ion Ratio Lower Upper

168 100

99 58.7 45.8 68.6



#3

Chloromethane

Concen: 0.300 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX023991.D

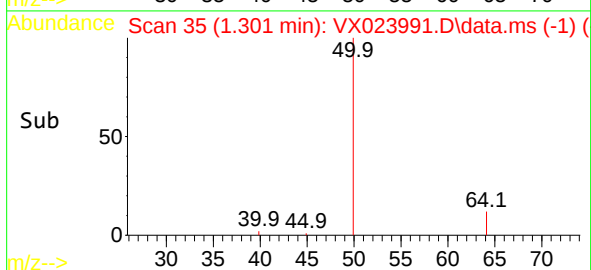
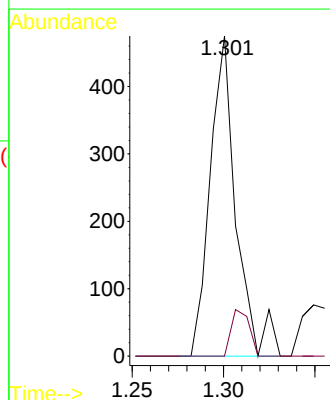
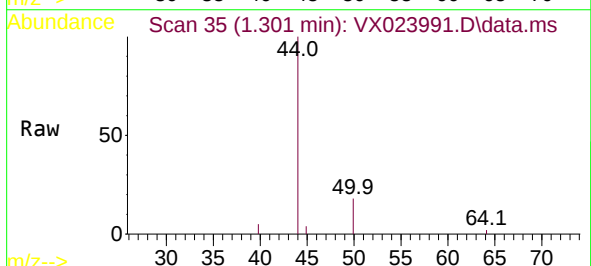
Acq: 27 Aug 2021 14:45

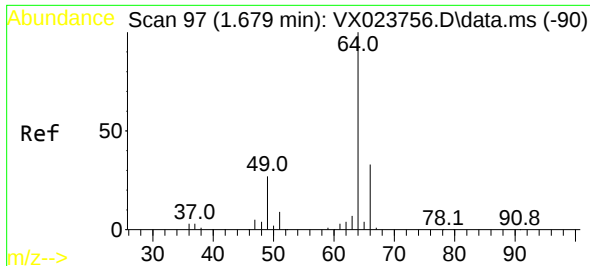
Tgt Ion: 50 Resp: 468

Ion Ratio Lower Upper

50 100

52 0.0 26.4 39.6#

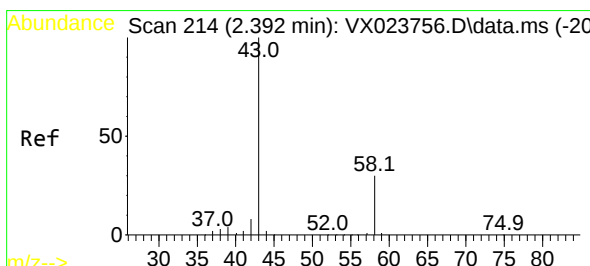
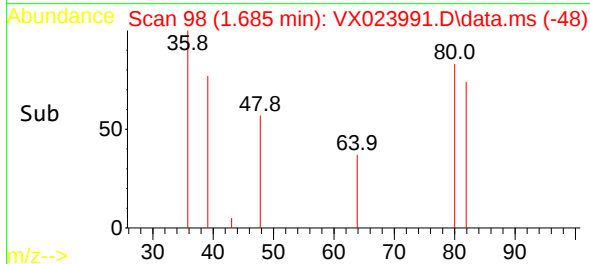
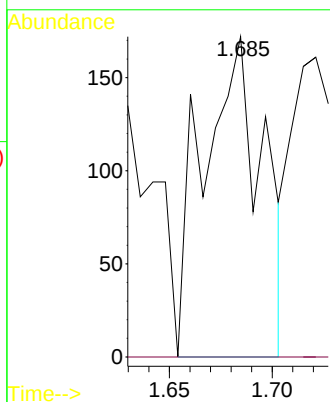
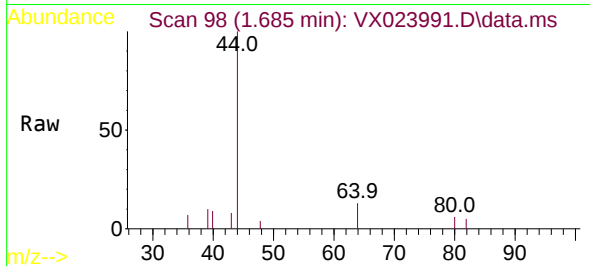




#6
Chloroethane
Concen: 2.479 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

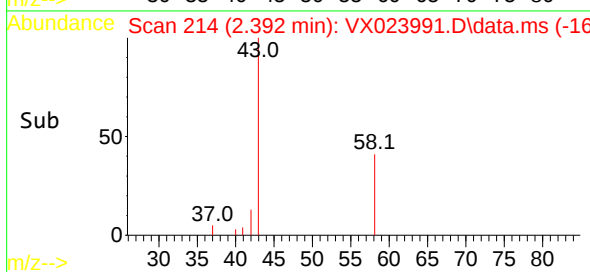
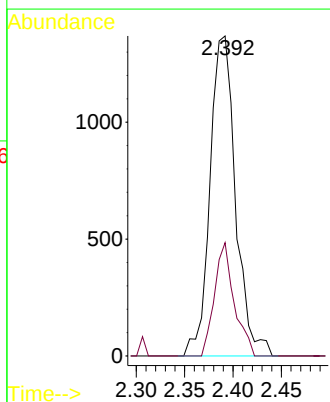
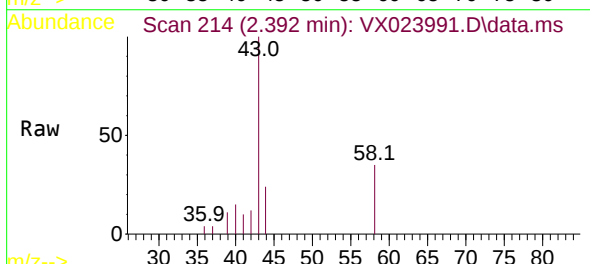
Instrument :
MSVOA_X
ClientSampled :

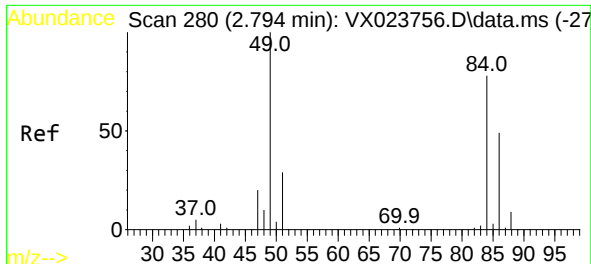
Tgt Ion: 64 Resp: 348
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: 2.990 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

Tgt Ion: 43 Resp: 2516
Ion Ratio Lower Upper
43 100
58 35.4 27.8 41.8

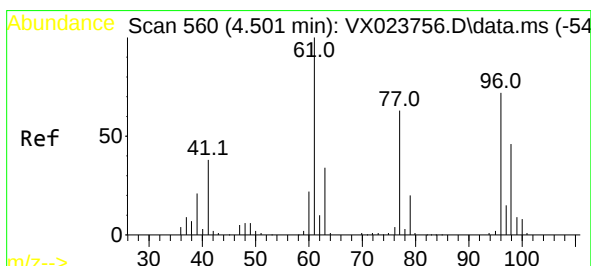
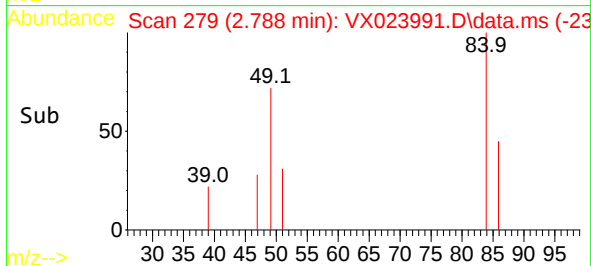
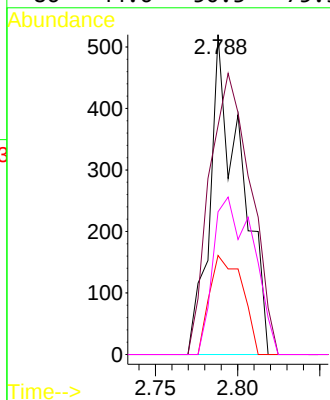
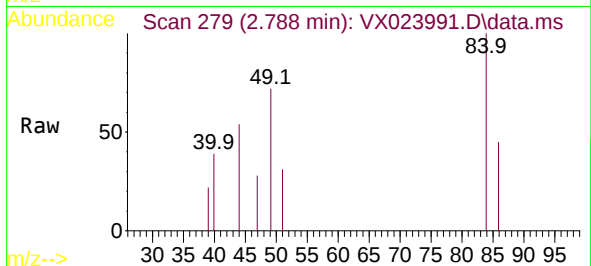




#20
Methylene Chloride
Concen: 0.425 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

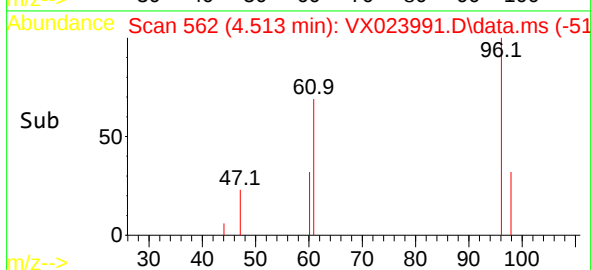
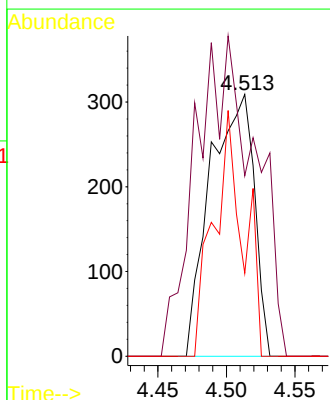
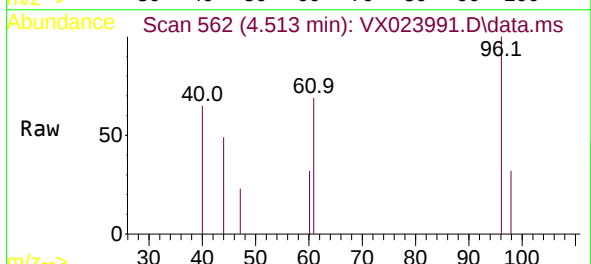
Instrument :
MSVOA_X
ClientSampleId :

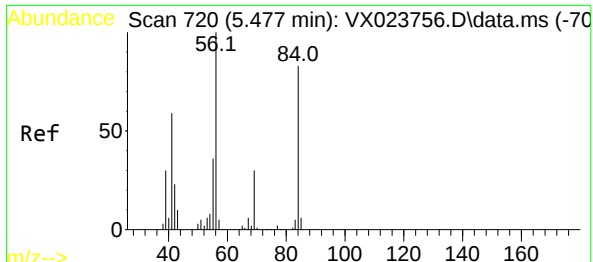
Tgt Ion: 84	Resp: 683
Ion Ratio	Lower Upper
84 100	
49 71.5	88.6 132.8#
51 31.0	27.0 40.6
86 44.6	50.3 75.5#



#27
cis-1,2-Dichloroethene
Concen: 0.419 ug/l
RT: 4.513 min Scan# 562
Delta R.T. 0.012 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

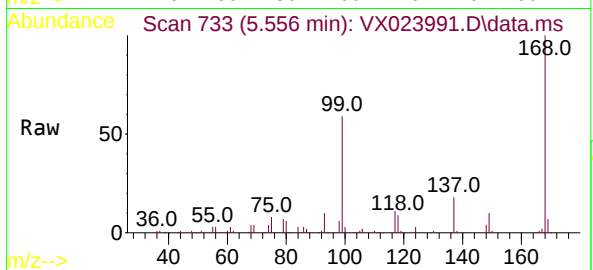
Tgt Ion: 96	Resp: 690		
Ion	Ratio	Lower	Upper
96	100		
61	164.1	0.0	285.6
98	63.0	0.0	129.6



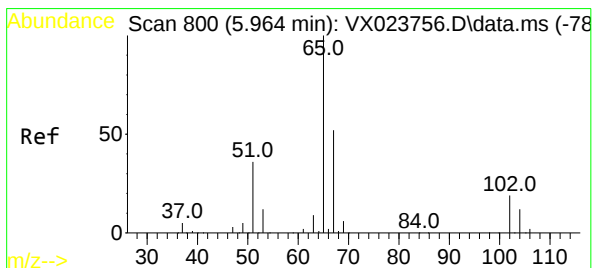
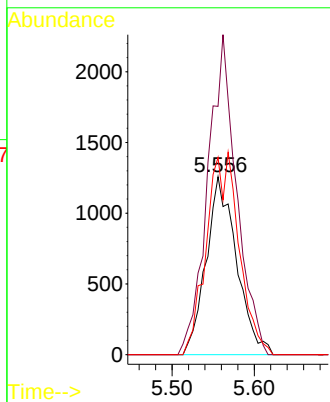
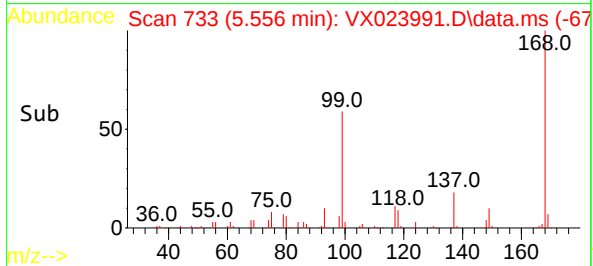


#31
Cyclohexane
Concen: 1.337 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

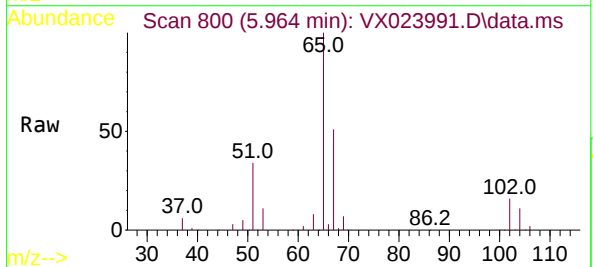
Instrument :
MSVOA_X
ClientSampleId :



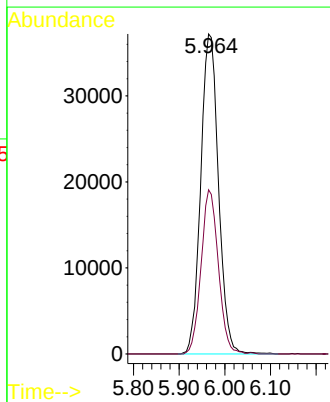
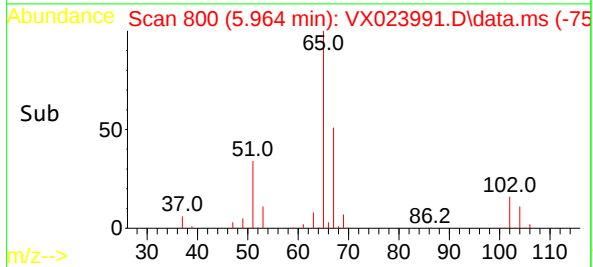
Tgt Ion: 56 Resp: 3234
Ion Ratio Lower Upper
56 100
69 139.5 25.3 37.9#
84 110.8 71.4 107.0#

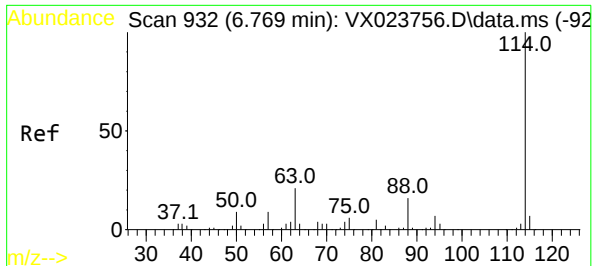


#33
1,2-Dichloroethane-d4
Concen: 53.342 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45



Tgt Ion: 65 Resp: 100395
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

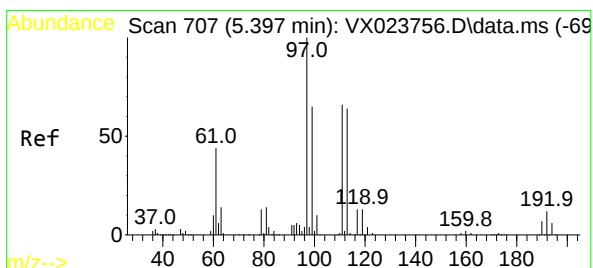
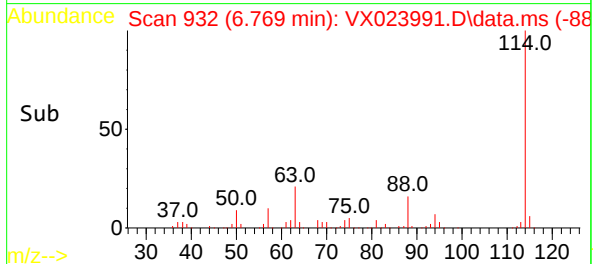
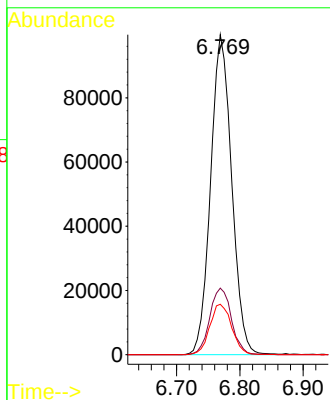
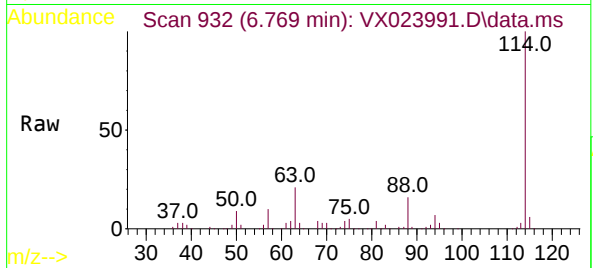




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

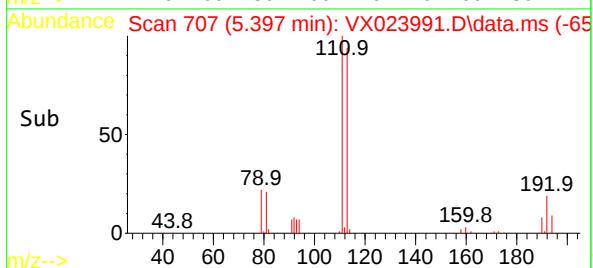
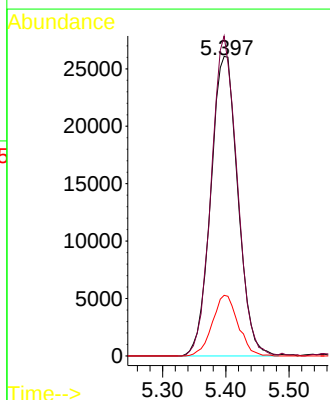
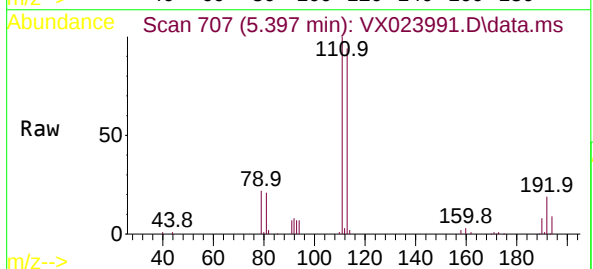
Instrument :
MSVOA_X
ClientSampleId :

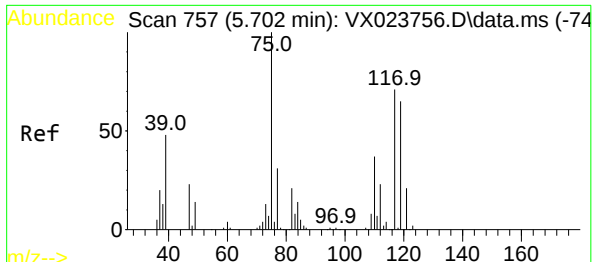
Tgt Ion:114 Resp: 230330
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.911 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

Tgt Ion:113 Resp: 77614
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.2 16.7 25.1

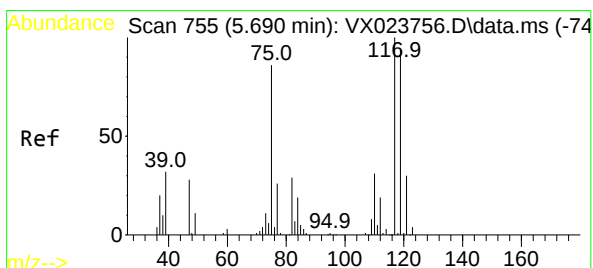
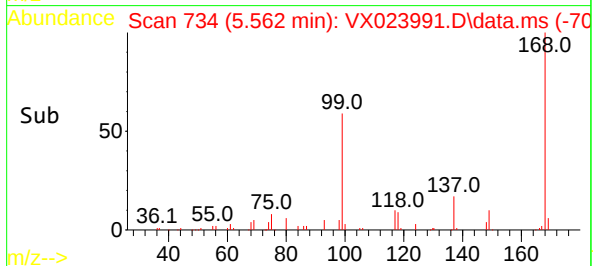
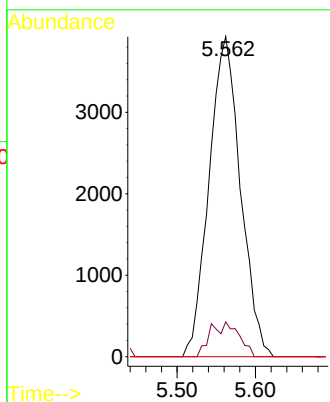
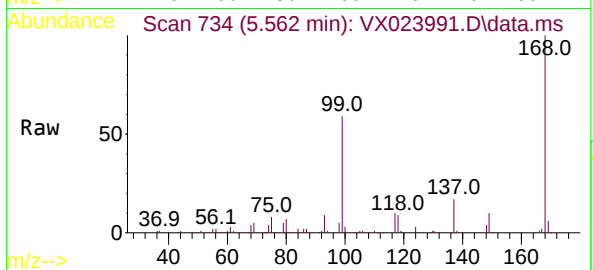




#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

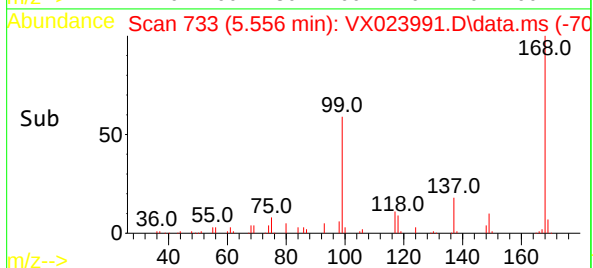
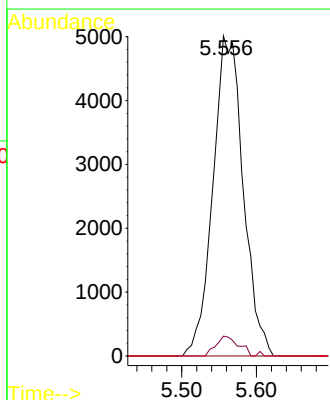
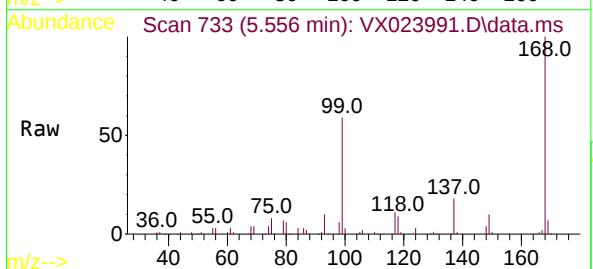
Instrument :
MSVOA_X
ClientSampled :

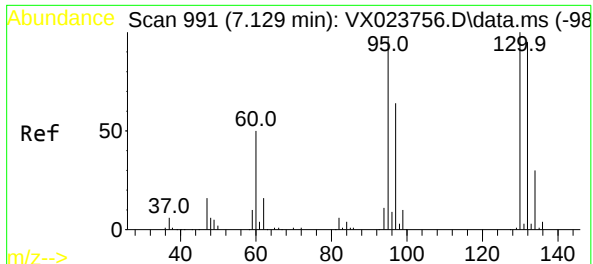
Tgt Ion: 75 Resp: 10945
Ion Ratio Lower Upper
75 100
110 4.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.331 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

Tgt Ion: 117 Resp: 14081
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

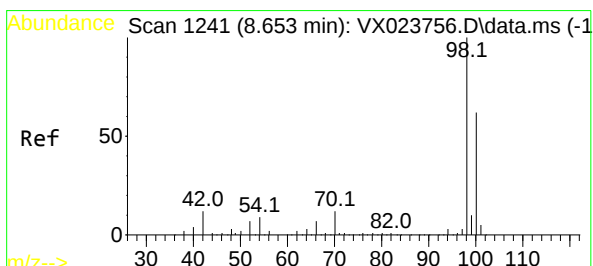
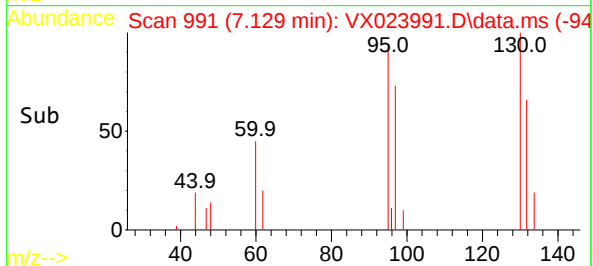
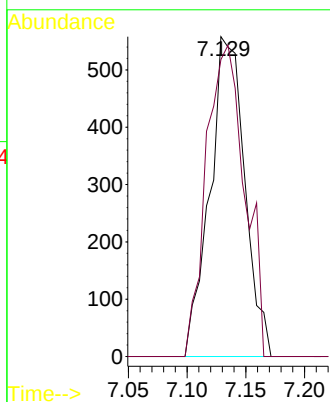
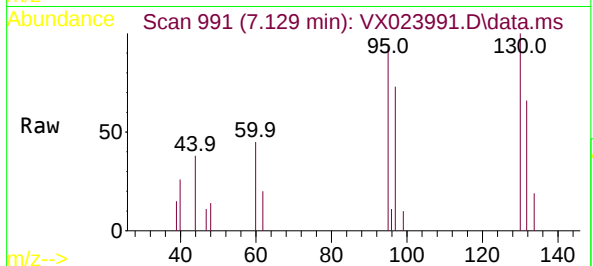




#44
Trichloroethene
Concen: 0.663 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

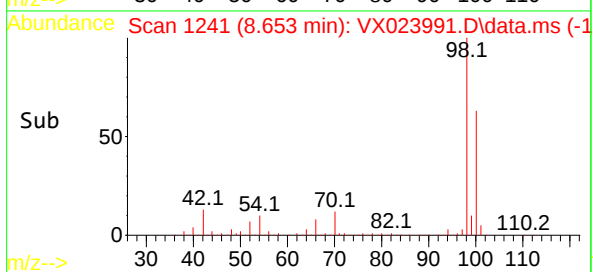
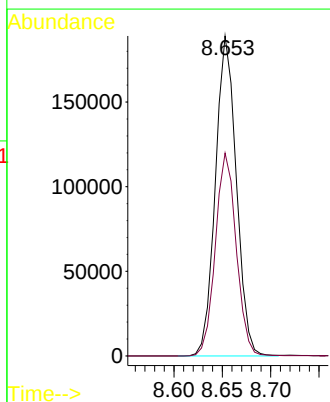
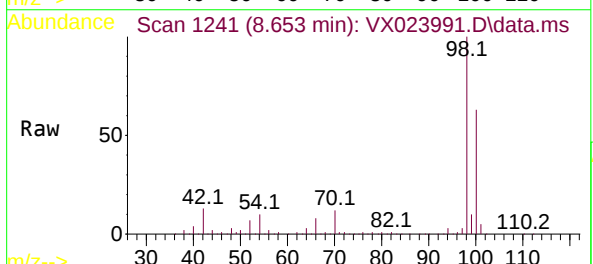
Instrument :
MSVOA_X
ClientSampled :

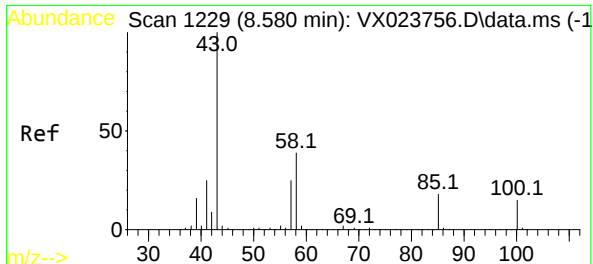
Tgt Ion:130 Resp: 1156
Ion Ratio Lower Upper
130 100
95 92.8 0.0 198.0



#50
Toluene-d8
Concen: 48.940 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

Tgt Ion: 98 Resp: 283966
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

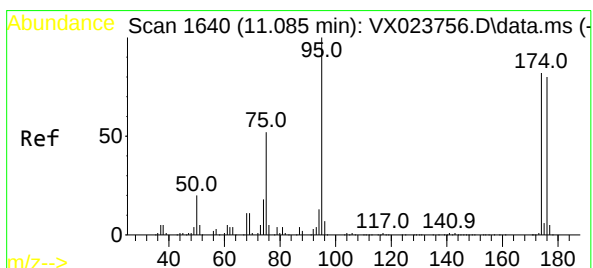
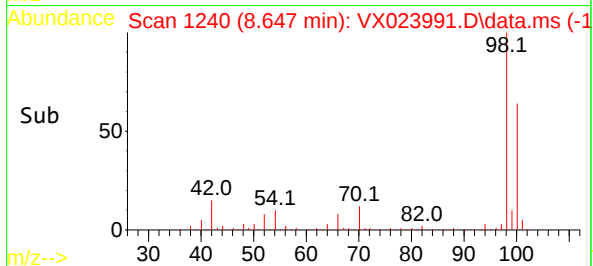
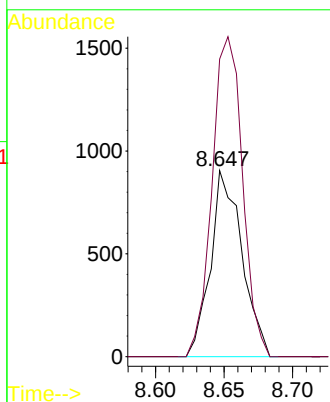
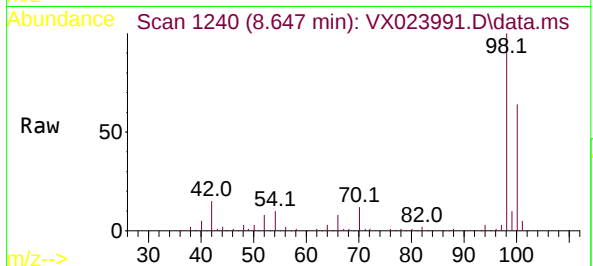




#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

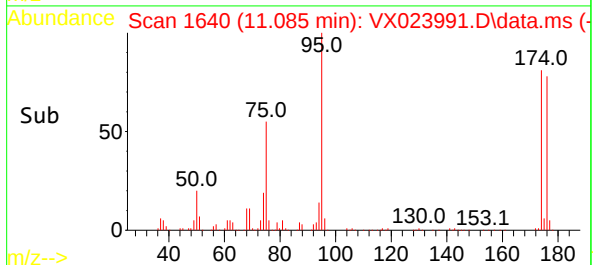
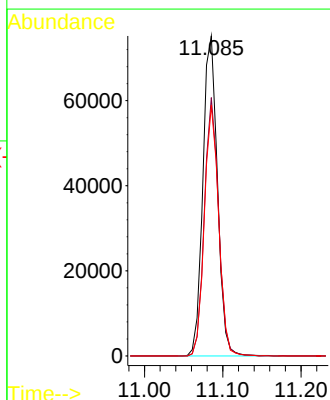
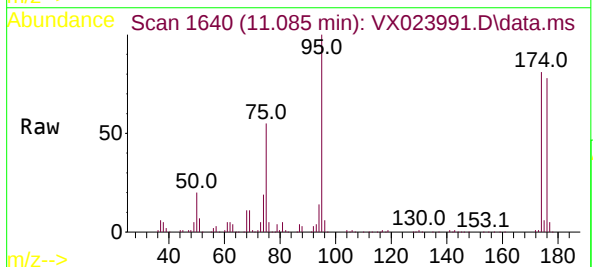
Instrument :
MSVOA_X
ClientSampled :

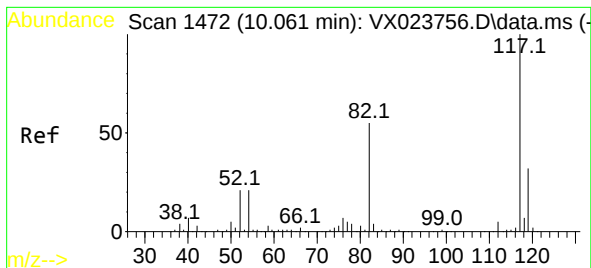
Tgt Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
58 167.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.496 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

Tgt Ion: 95 Resp: 97179
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 76.8 0.0 155.8

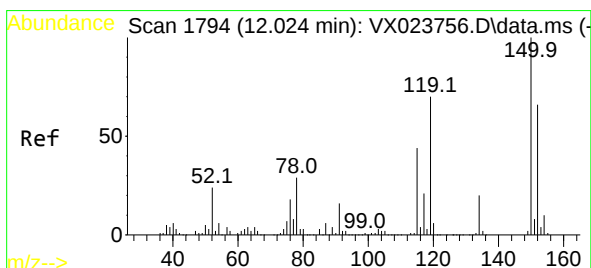
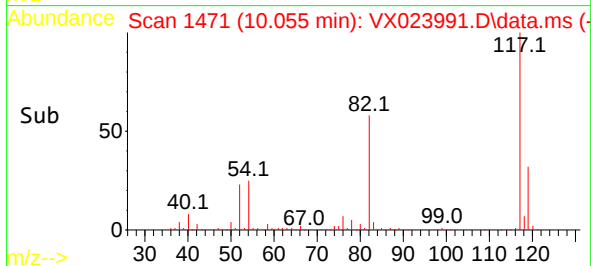
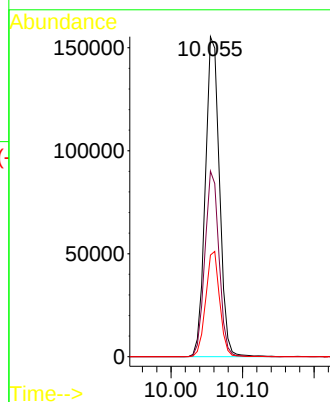
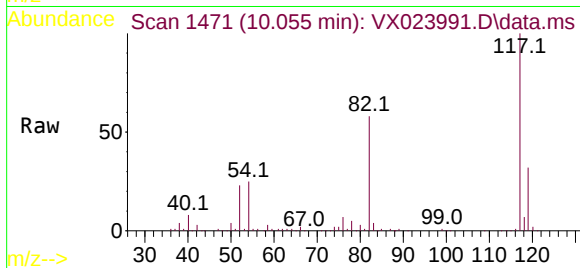




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

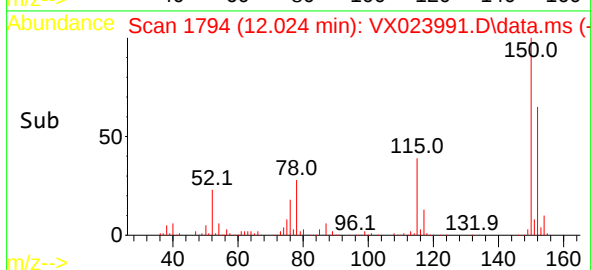
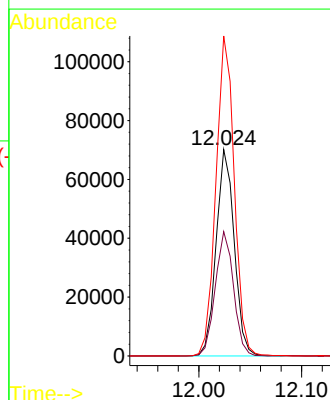
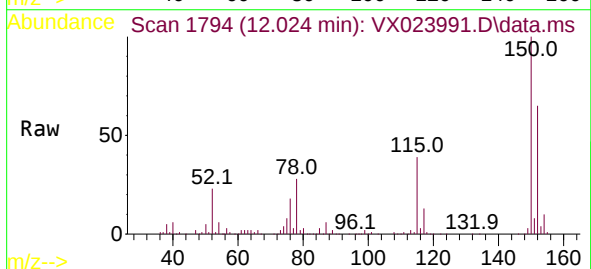
Instrument :
MSVOA_X
ClientSampleId :

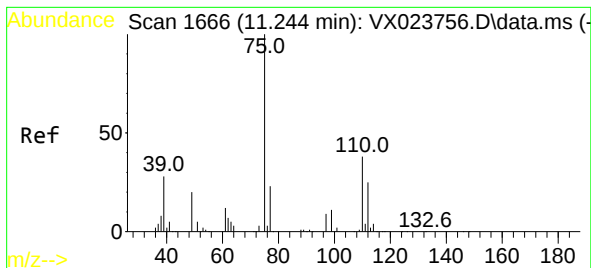
Tgt Ion:117 Resp: 214137
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

Tgt Ion:152 Resp: 85667
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 156.9 0.0 349.0

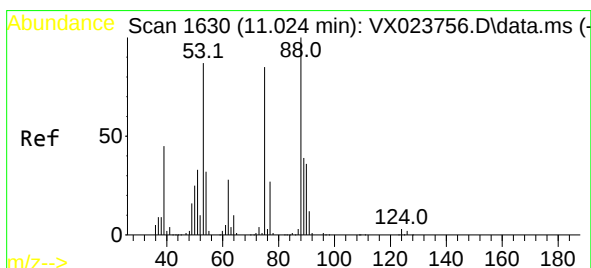
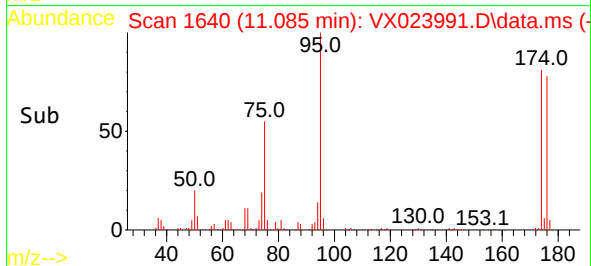
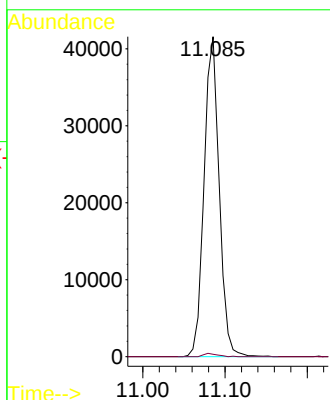
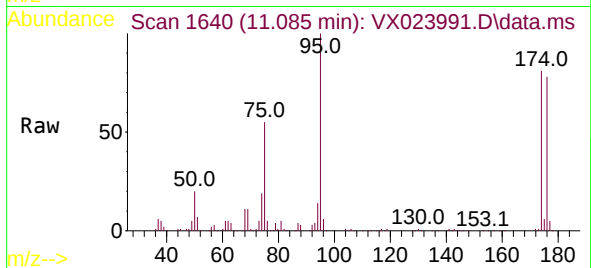




#76
1,2,3-Trichloropropane
Concen: 26.603 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

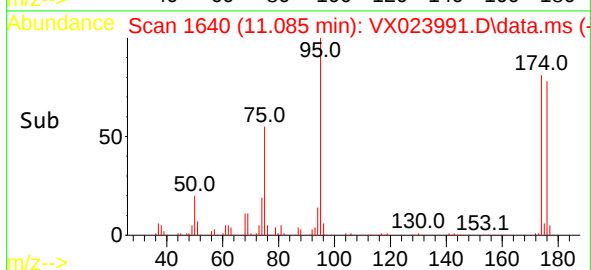
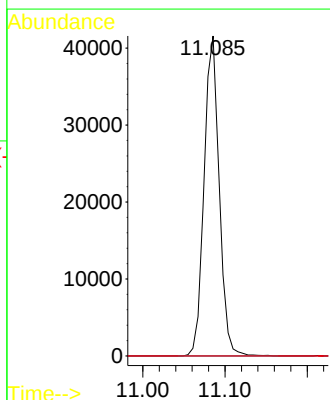
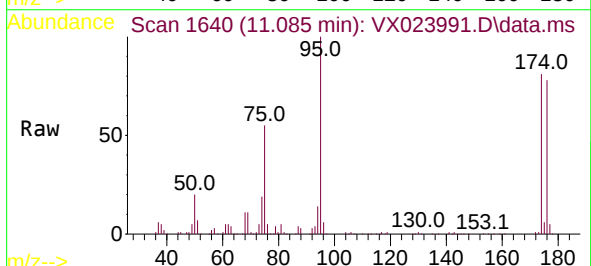
Instrument :
MSVOA_X
ClientSampled :

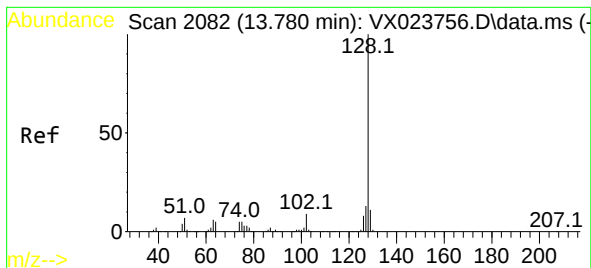
Tgt Ion: 75 Resp: 53164
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.255 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

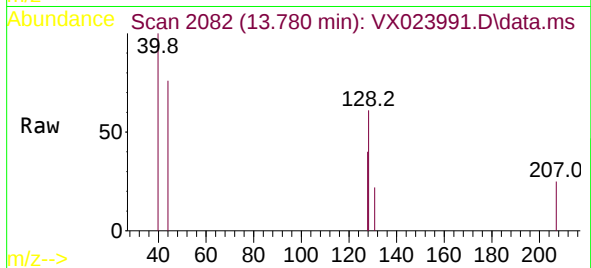
Tgt Ion: 75 Resp: 53164
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.319 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023991.D
Acq: 27 Aug 2021 14:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 235
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

