

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024169.D
 Acq On : 10 Sep 2021 16:32
 Operator : JC/MD
 Sample : M3684-22RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 04:24:58 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)

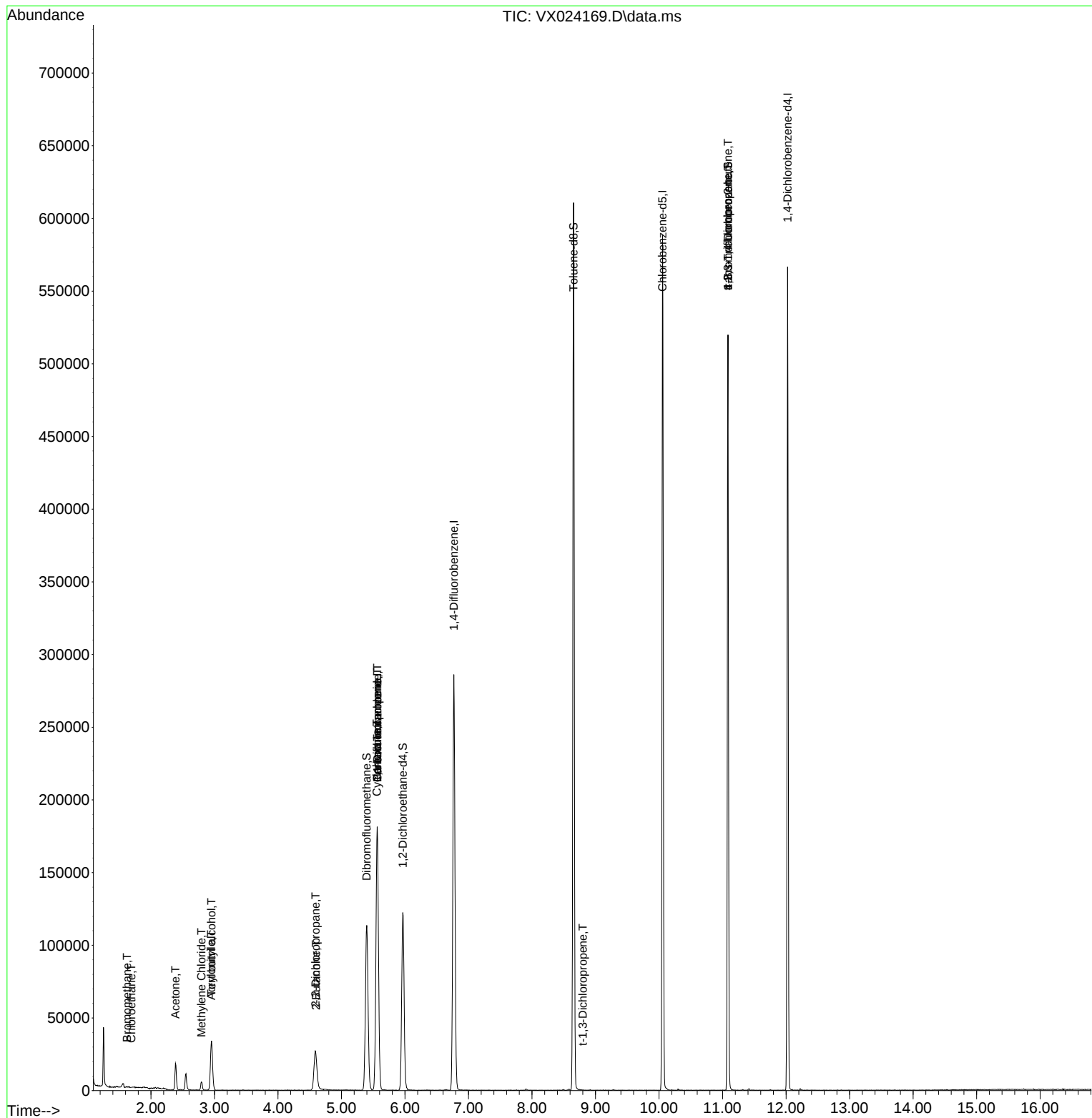
Internal Standards						
1) Pentafluorobenzene	5.562	168	167177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	279762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	124716	53.451	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.900%		
35) Dibromofluoromethane	5.397	113	96779	52.266	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.540%		
50) Toluene-d8	8.653	98	352932	50.078	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.160%		
62) 4-Bromofluorobenzene	11.085	95	131987	50.874	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.740%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	531	0.447	ug/l	89
6) Chloroethane	1.691	64	139	2.302	ug/l #	43
11) Tert butyl alcohol	2.953	59	20424	43.284	ug/l #	77
15) Acrylonitrile	2.946	53	318	0.302	ug/l #	18
16) Acetone	2.386	43	19623	18.809	ug/l #	88
20) Methylene Chloride	2.794	84	2629	1.319	ug/l #	89
25) 2-Butanone	4.599	43	2145	1.357	ug/l #	60
26) 2,2-Dichloropropane	4.593	77	2302	0.856	ug/l #	52
31) Cyclohexane	5.556	56	3797	1.267	ug/l #	45
36) 1,1-Dichloropropene	5.562	75	13443	5.189	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16767	6.206	ug/l #	16
53) t-1,3-Dichloropropene	8.799	75	20	2.143	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	69920	26.017	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	69920	76.531	ug/l #	12

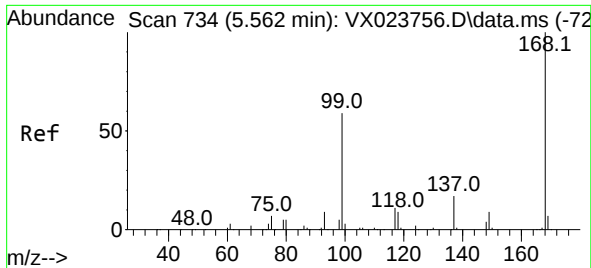
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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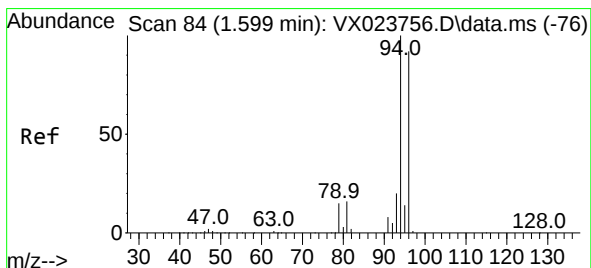
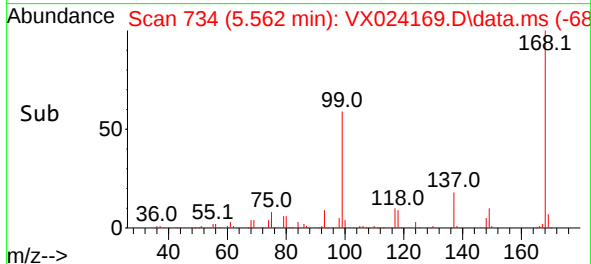
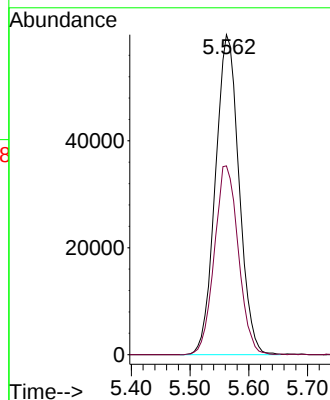
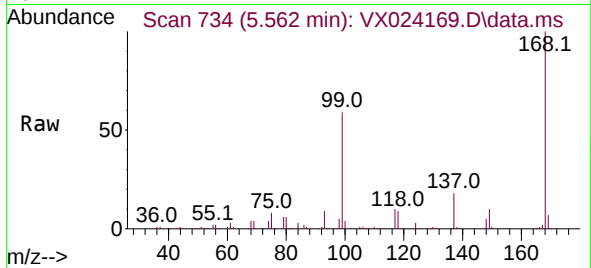




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

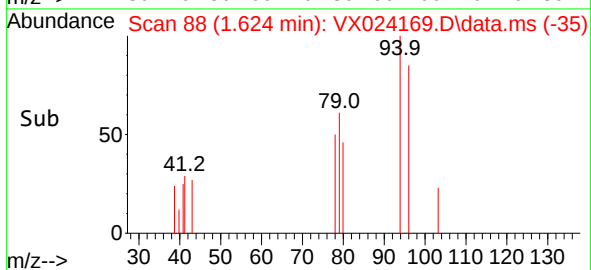
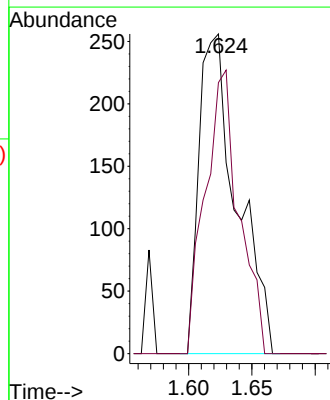
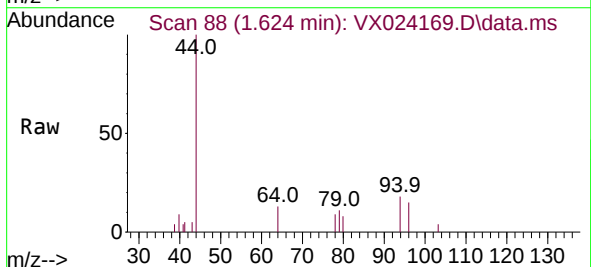
Instrument :
MSVOA_X
ClientSampled :

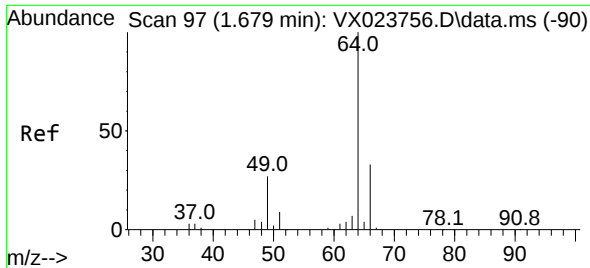
Tgt Ion:168 Resp: 167177
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#5
Bromomethane
Concen: 0.447 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

Tgt Ion: 94 Resp: 531
Ion Ratio Lower Upper
94 100
96 84.8 76.4 114.6

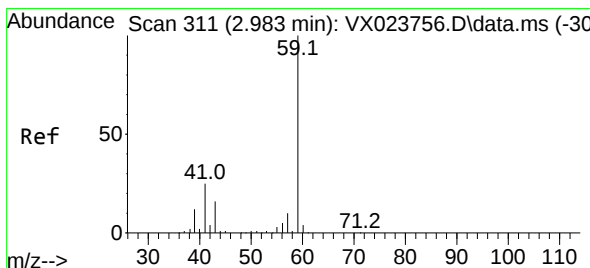
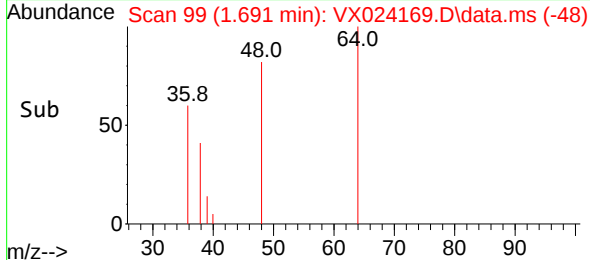
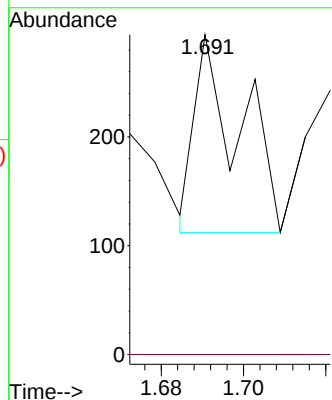
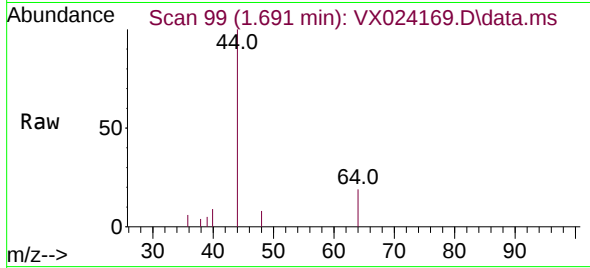




#6
Chloroethane
Concen: 2.302 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

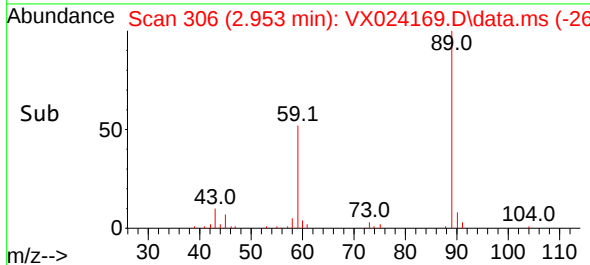
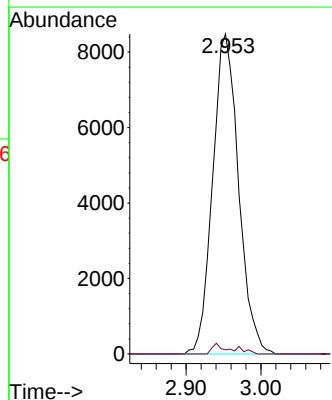
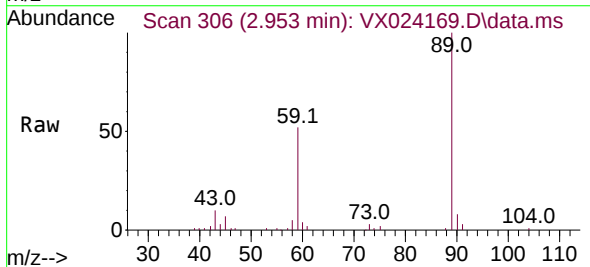
Instrument :
MSVOA_X
ClientSampled :

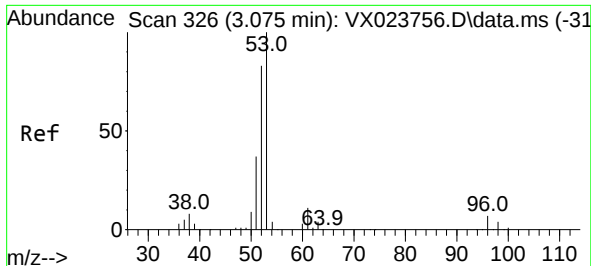
Tgt Ion: 64 Resp: 139
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 43.284 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

Tgt Ion: 59 Resp: 20424
Ion Ratio Lower Upper
59 100
57 1.3 7.8 11.8#

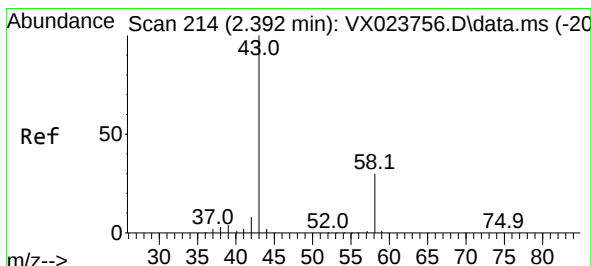
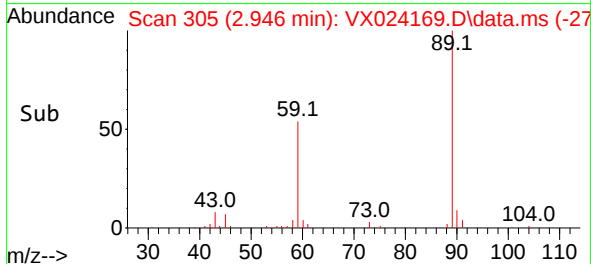
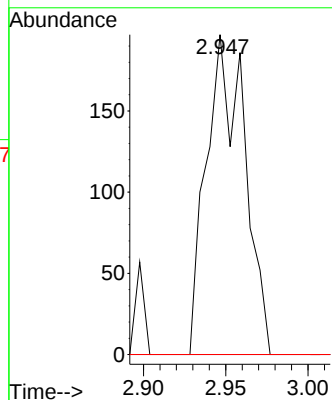
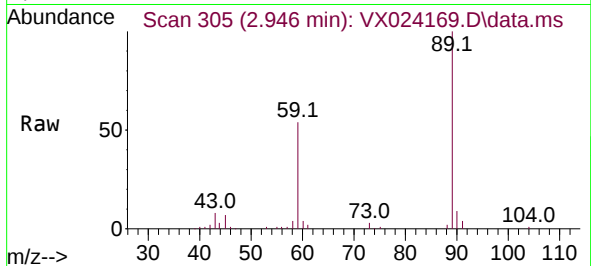




#15
Acrylonitrile
Concen: 0.302 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.129 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

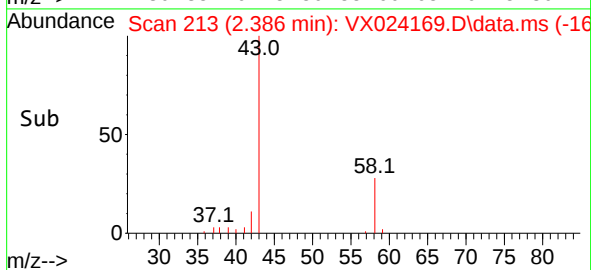
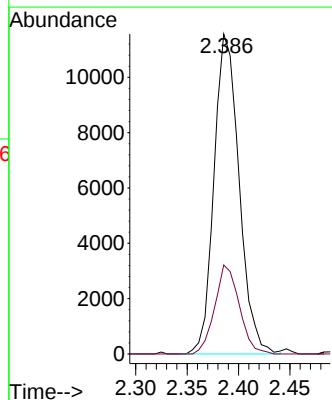
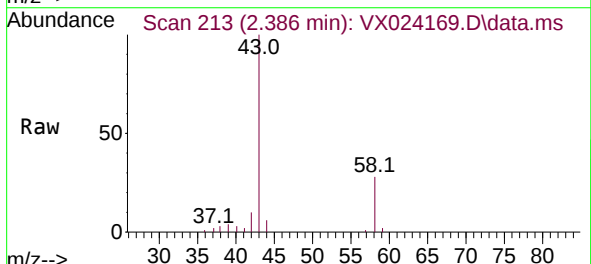
Instrument :
MSVOA_X
ClientSampled :

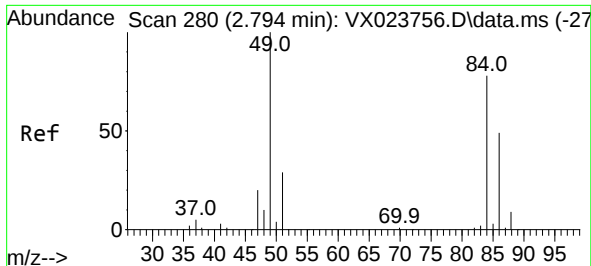
Tgt Ion: 53 Resp: 318
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 18.809 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

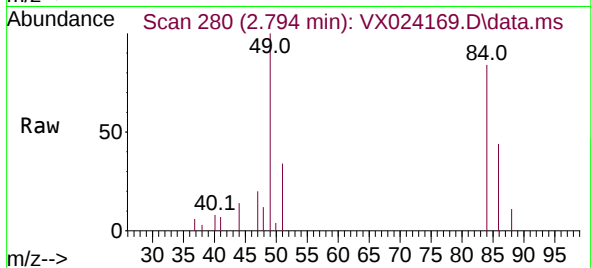
Tgt Ion: 43 Resp: 19623
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8#



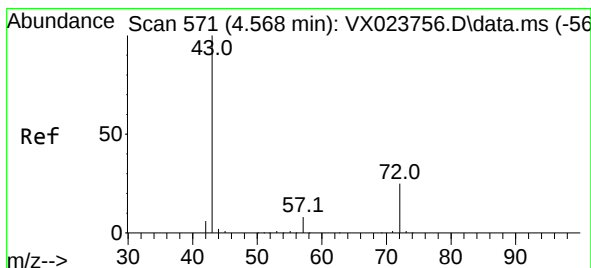
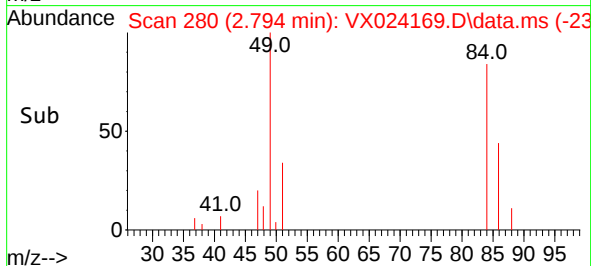
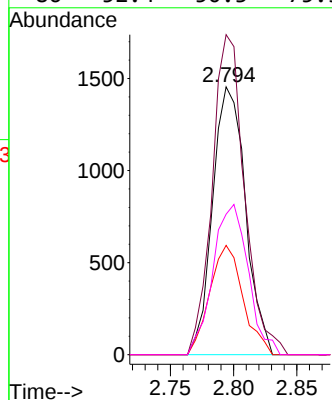


#20
Methylene Chloride
Concen: 1.319 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

Instrument :
MSVOA_X
ClientSampled :

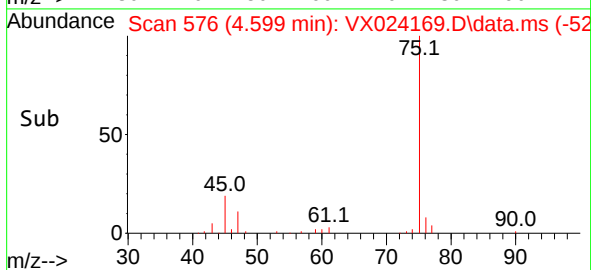
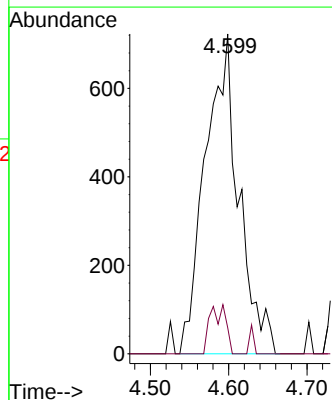
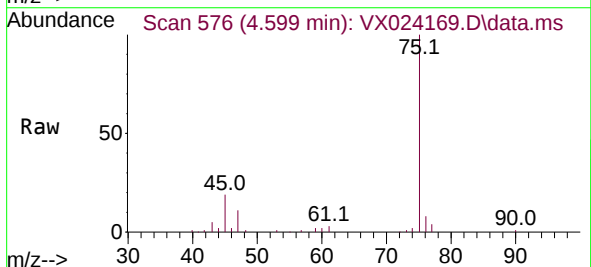


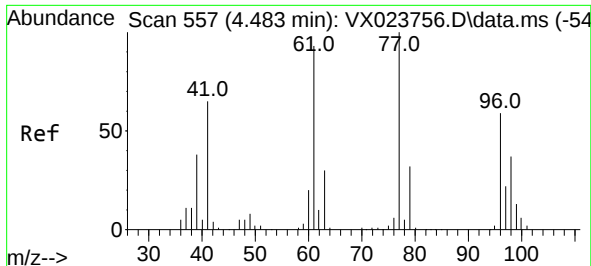
Tgt Ion:	84	Resp:	2629
Ion	Ratio	Lower	Upper
84	100		
49	119.5	88.6	132.8
51	40.8	27.0	40.6#
86	52.4	50.3	75.5



#25
2-Butanone
Concen: 1.357 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

Tgt Ion:	43	Resp:	2145
Ion	Ratio	Lower	Upper
43	100		
72	8.2	23.7	35.5#





#26

2,2-Dichloropropane

Concen: 0.856 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.110 min

Lab File: VX024169.D

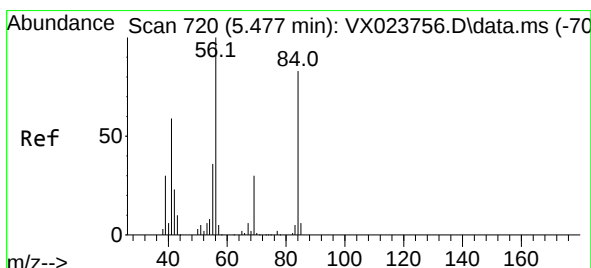
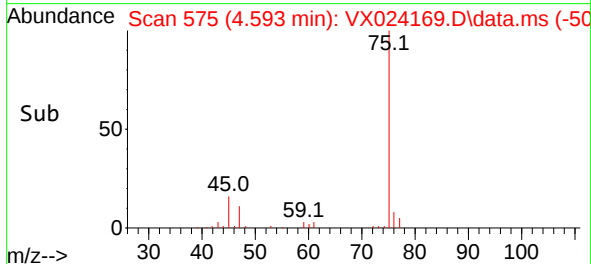
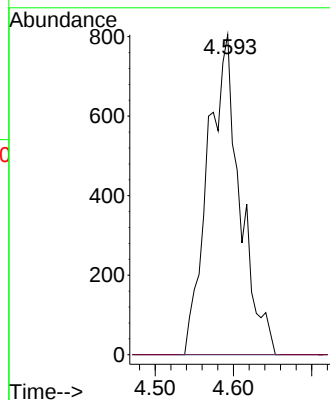
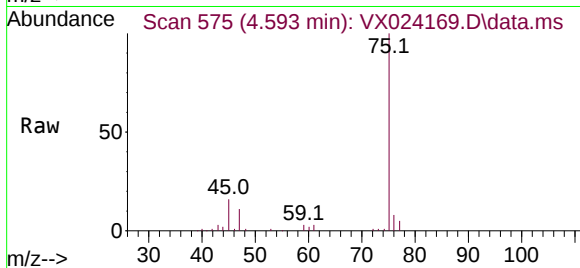
Acq: 10 Sep 2021 16:32

Tgt Ion: 77 Resp: 2302

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#31

Cyclohexane

Concen: 1.267 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024169.D

Acq: 10 Sep 2021 16:32

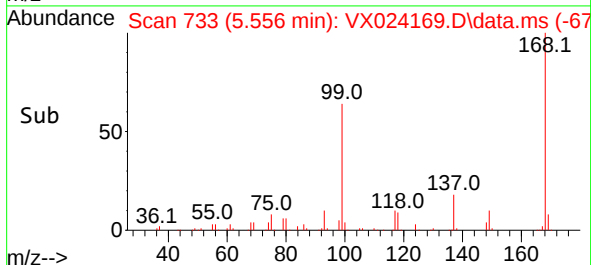
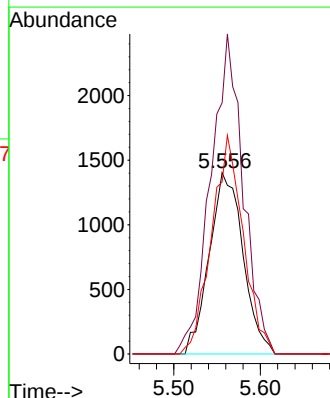
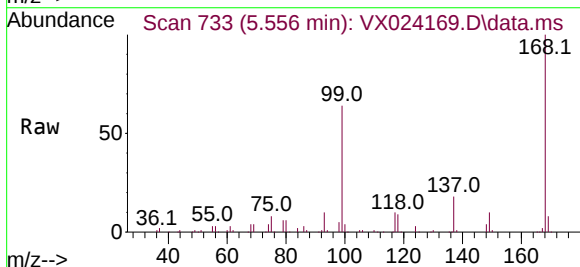
Tgt Ion: 56 Resp: 3797

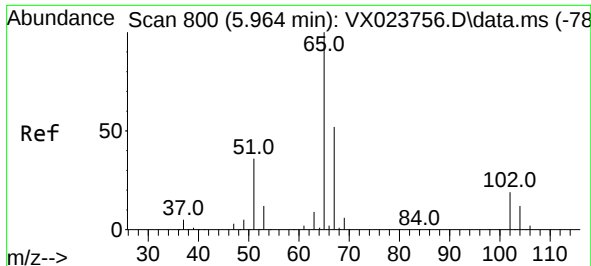
Ion Ratio Lower Upper

56 100

69 138.6 25.3 37.9#

84 94.9 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 53.451 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024169.D

Acq: 10 Sep 2021 16:32

Tgt Ion: 65 Resp: 124716

Ion Ratio Lower Upper

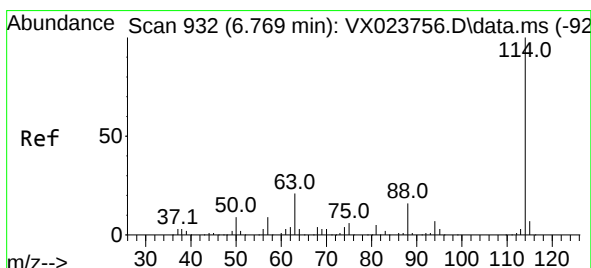
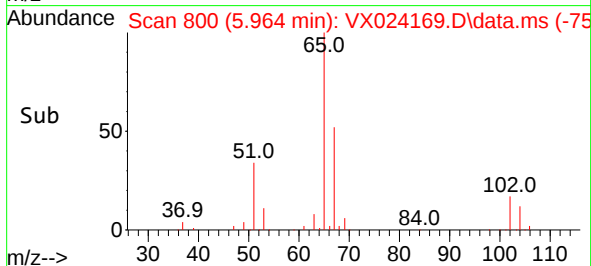
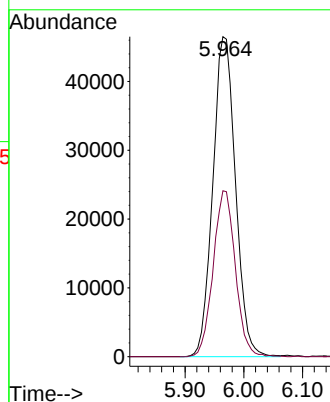
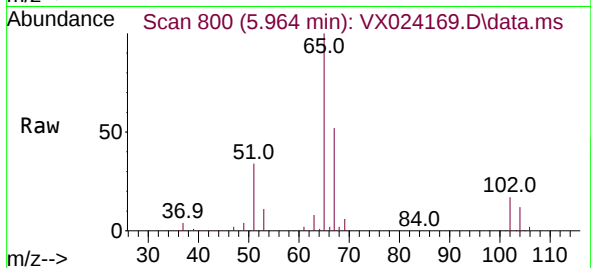
65 100

67 50.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX024169.D

Acq: 10 Sep 2021 16:32

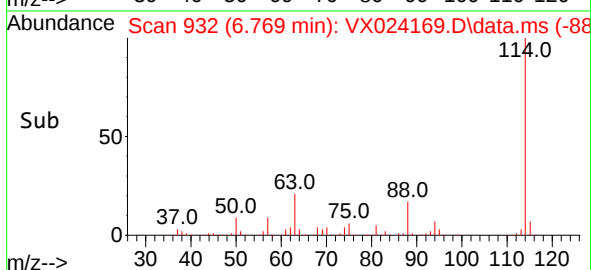
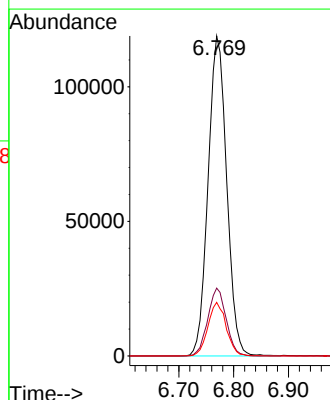
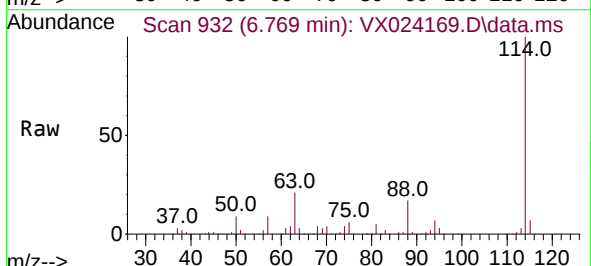
Tgt Ion:114 Resp: 279762

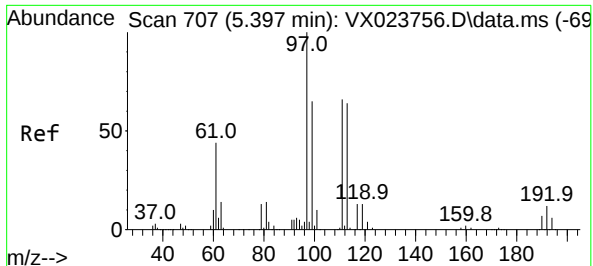
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.266 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024169.D

Acq: 10 Sep 2021 16:32

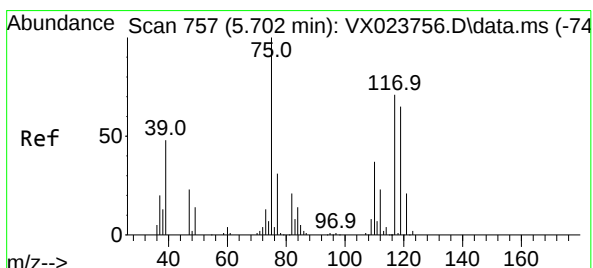
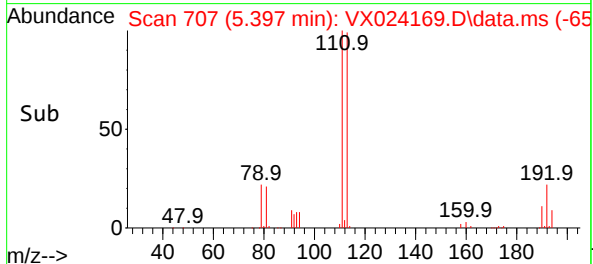
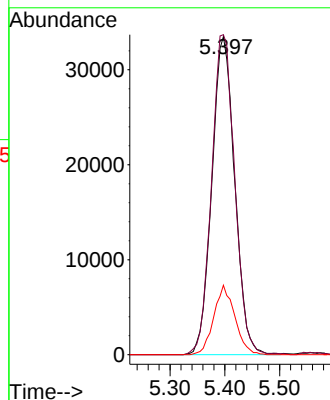
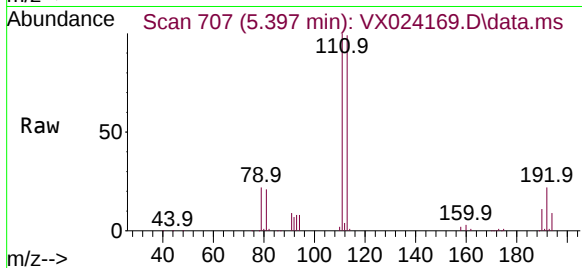
Tgt Ion:113 Resp: 96779

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 20.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.189 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024169.D

Acq: 10 Sep 2021 16:32

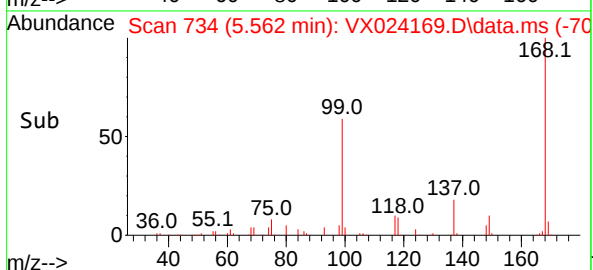
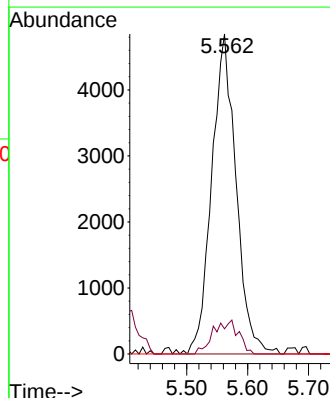
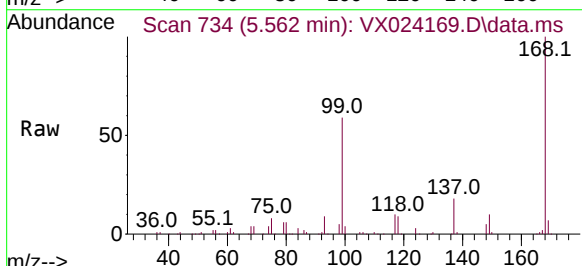
Tgt Ion: 75 Resp: 13443

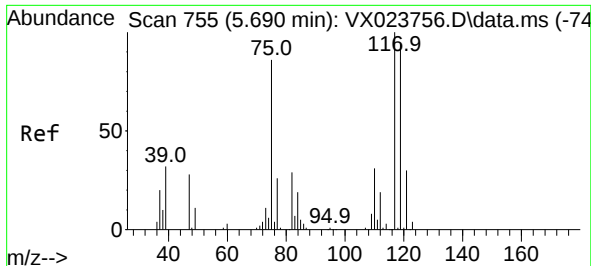
Ion Ratio Lower Upper

75 100

110 10.9 18.1 54.4#

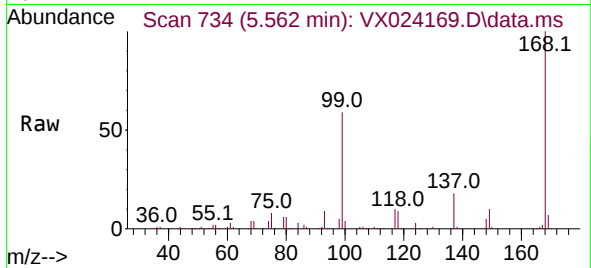
77 0.0 25.3 37.9#



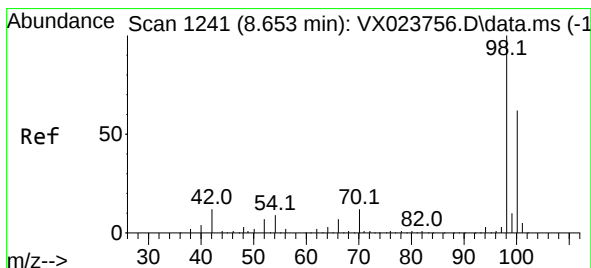
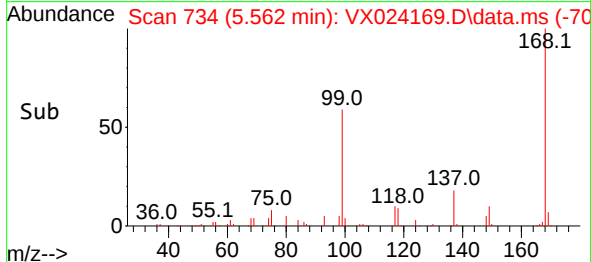
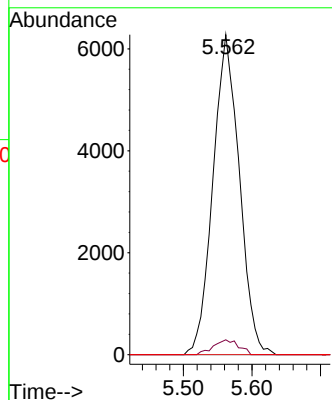


#38
Carbon Tetrachloride
Concen: 6.206 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

Instrument :
MSVOA_X
ClientSampled :

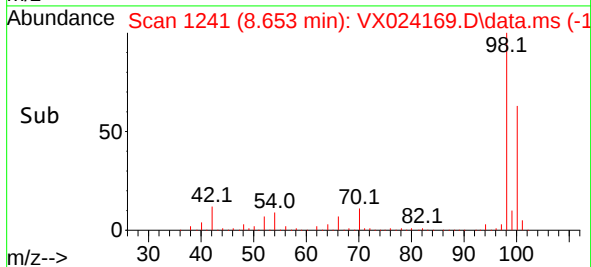
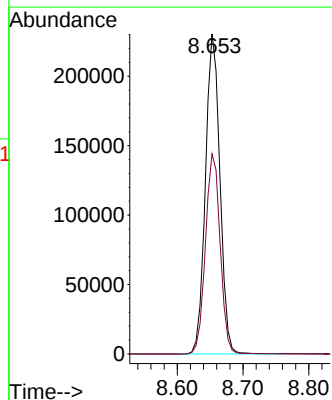
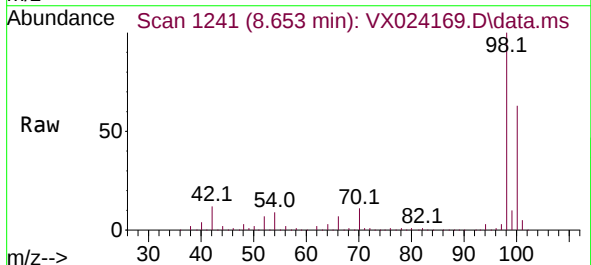


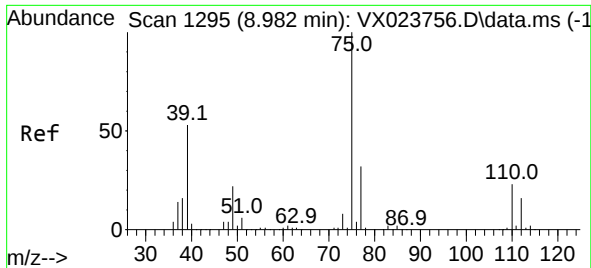
Tgt Ion:117 Resp: 16767
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.078 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

Tgt Ion: 98 Resp: 352932
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

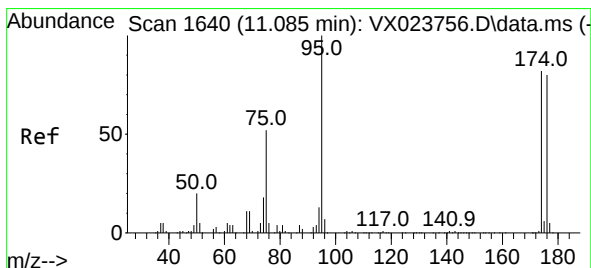
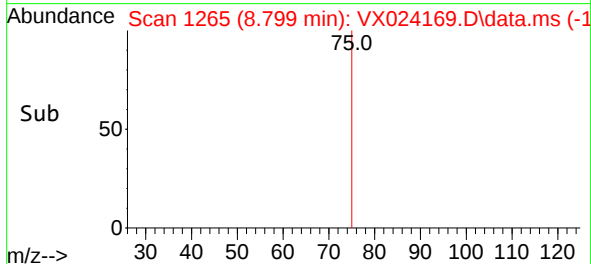
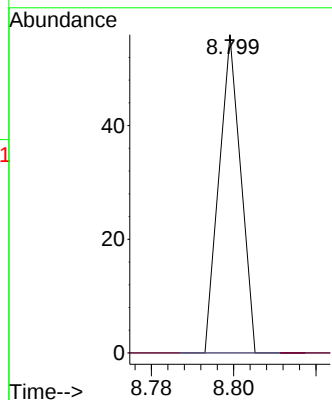
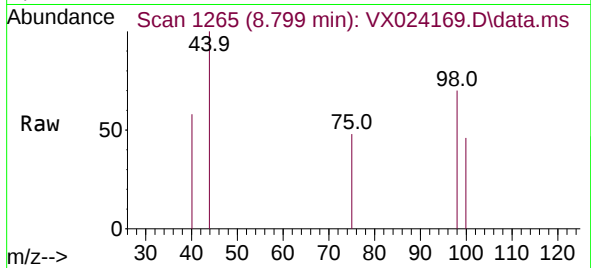




#53
t-1,3-Dichloropropene
Concen: 2.143 ug/l
RT: 8.799 min Scan# 1265
Delta R.T. -0.183 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

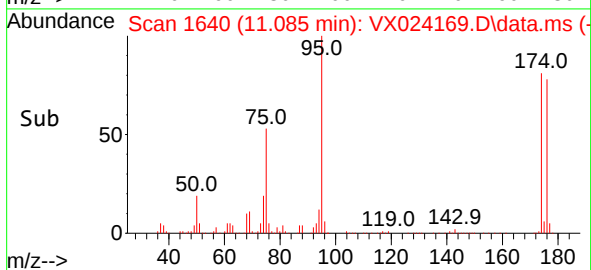
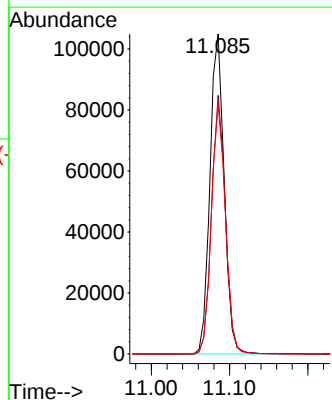
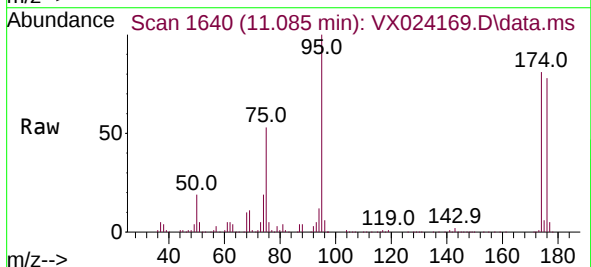
Instrument :
MSVOA_X
ClientSampled :

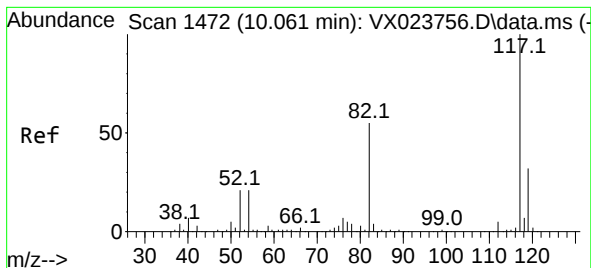
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 50.874 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

Tgt Ion: 95 Resp: 131987
Ion Ratio Lower Upper
95 100
174 79.0 0.0 154.6
176 77.0 0.0 155.8

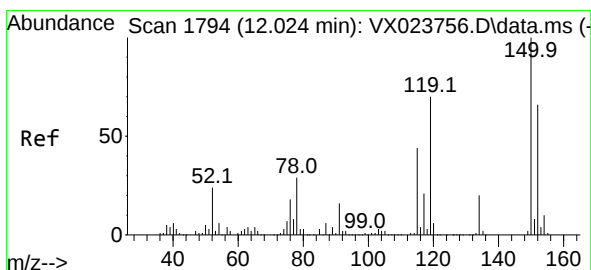
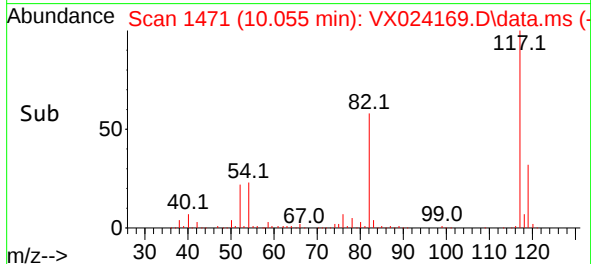
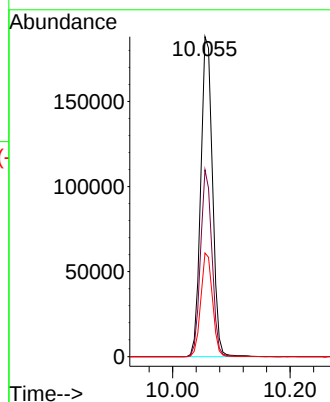
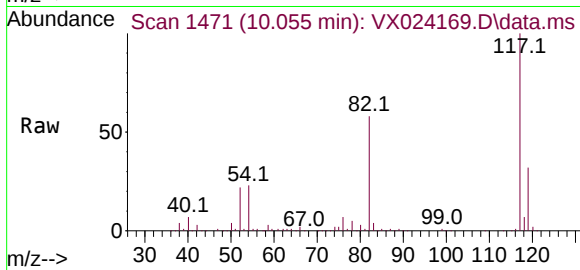




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

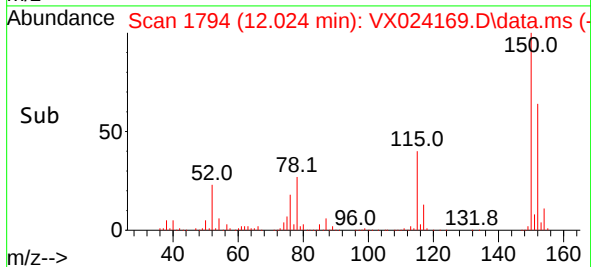
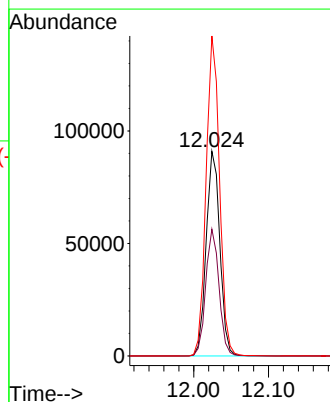
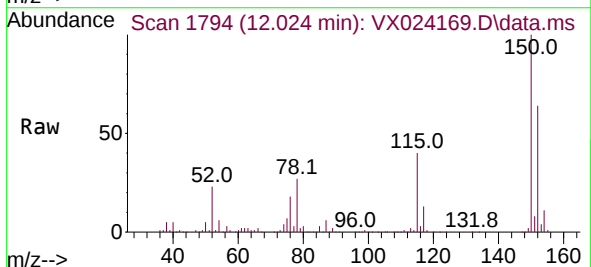
Instrument :
MSVOA_X
ClientSampled :

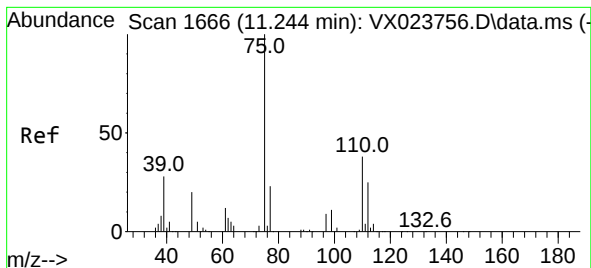
Tgt Ion:117 Resp: 261755
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024169.D
Acq: 10 Sep 2021 16:32

Tgt Ion:152 Resp: 115205
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 153.9 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.017 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX024169.D

Acq: 10 Sep 2021 16:32

Tgt Ion: 75 Resp: 69920

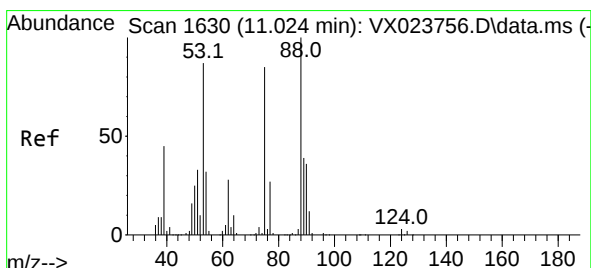
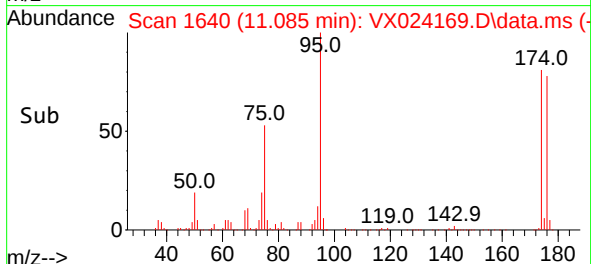
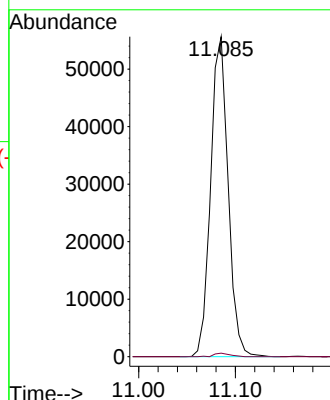
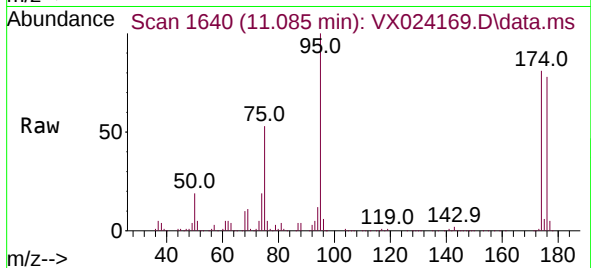
Ion Ratio Lower Upper

75 100
77 1.0 19.1 57.5#

Instrument :

MSVOA_X

ClientSampled :



#81

trans-1,4-Dichloro-2-butene

Concen: 76.531 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX024169.D

Acq: 10 Sep 2021 16:32

Tgt Ion: 75 Resp: 69920

Ion Ratio Lower Upper

75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

