

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029777.D
 Acq On : 24 Jun 2022 15:56
 Operator : JC/MD
 Sample : N3366-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Jun 25 02:03:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	261659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	438753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140692	40.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.240%
35) Dibromofluoromethane	5.391	113	127750	44.679	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.360%
50) Toluene-d8	8.653	98	485220	46.452	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.900%
62) 4-Bromofluorobenzene	11.085	95	177403	45.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.080%

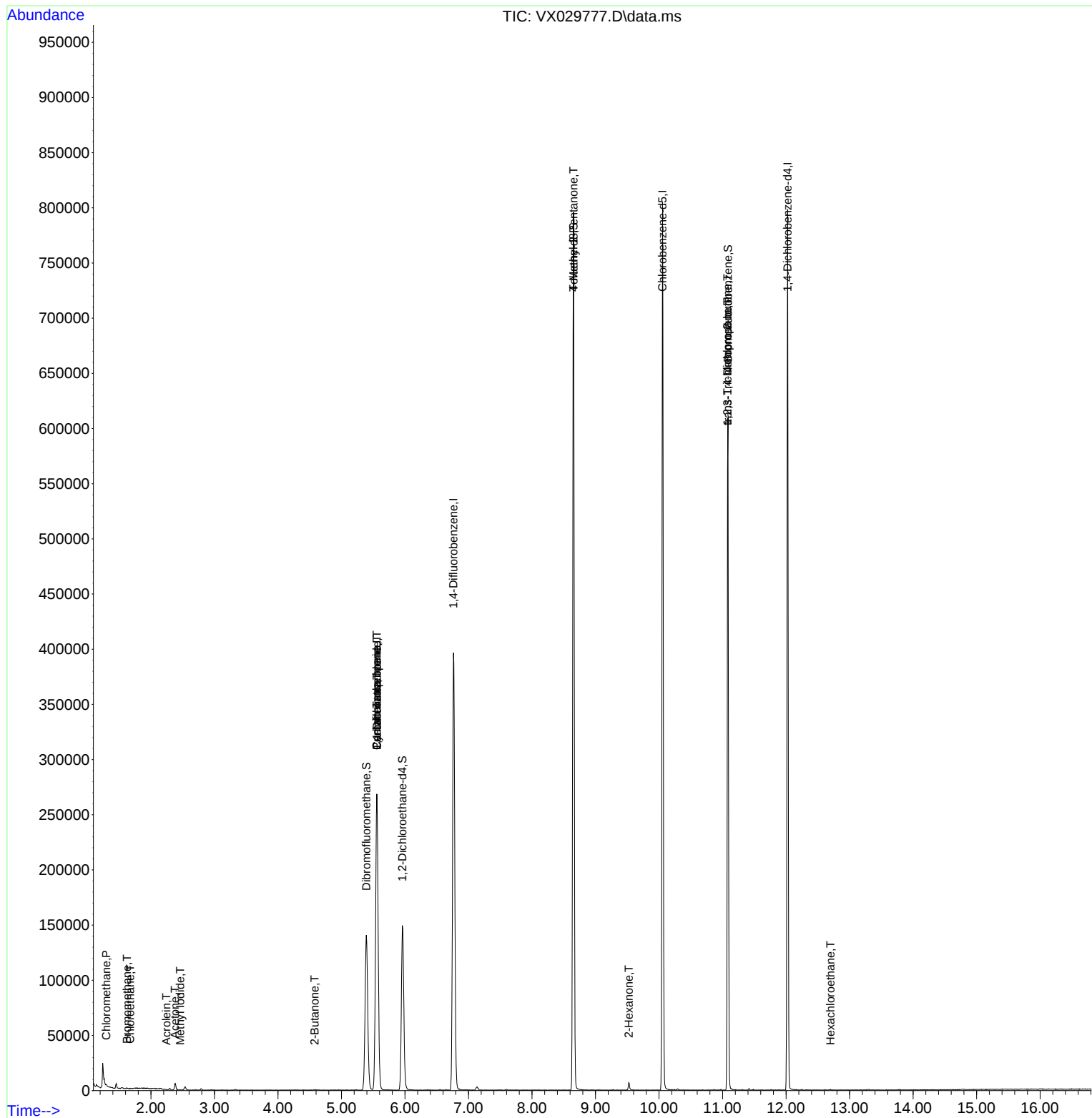
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	766	0.224	ug/l	100
5) Bromomethane	1.623	94	399	0.249	ug/l #	60
6) Chloroethane	1.672	64	259	1.395	ug/l #	43
10) Methyl Iodide	2.459	142	268	3.098	ug/l #	52
11) Tert butyl alcohol	2.958	59	261	Below Cal	#	72
13) Acrolein	2.239	56	138	0.723	ug/l #	15
16) Acetone	2.379	43	6239	4.519	ug/l	94
25) 2-Butanone	4.574	43	762	0.349	ug/l #	44
31) Cyclohexane	5.556	56	4436	0.954	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19202	4.962	ug/l #	49
38) Carbon Tetrachloride	5.556	117	25384	6.670	ug/l #	16
44) Trichloroethene	7.135	130	1287	Below Cal		98
51) 4-Methyl-2-Pentanone	8.653	43	1783	0.448	ug/l #	1
59) 2-Hexanone	9.524	43	959	0.319	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	83796	23.023	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	83796	76.590	ug/l #	15
90) Hexachloroethane	12.701	117	374	0.245	ug/l #	10

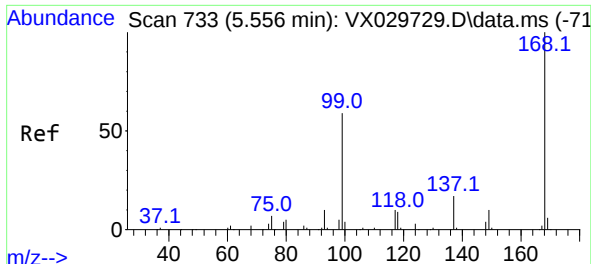
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
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MSVOA_X
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SW-1

Quant Time: Jun 25 02:03:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

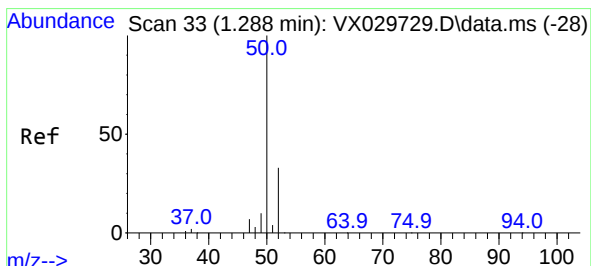
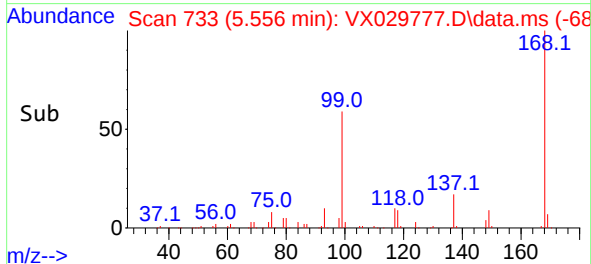
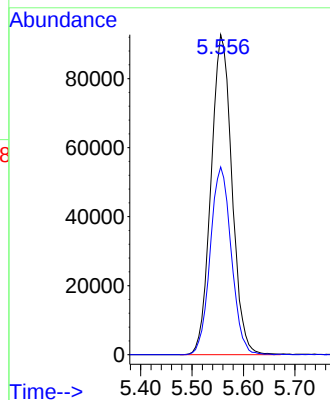
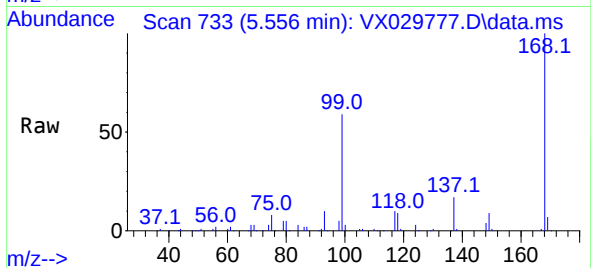




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

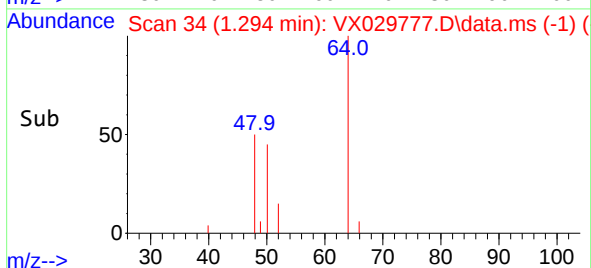
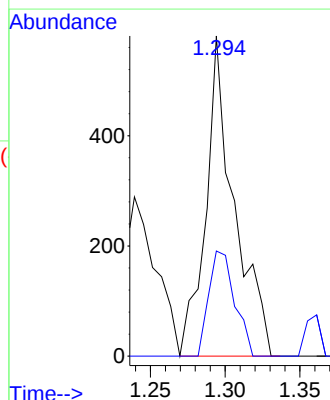
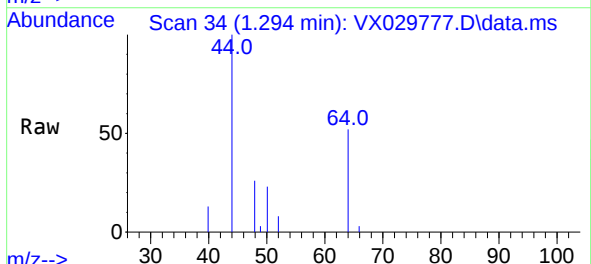
Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:168 Resp: 261659
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5

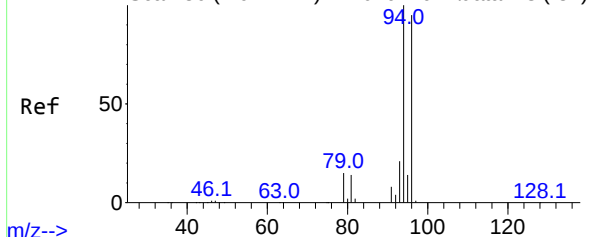


#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Tgt Ion: 50 Resp: 766
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6



Abundance Scan 86 (1.612 min): VX029729.D\data.ms (-81)



#5

Bromomethane

Concen: 0.249 ug/l

RT: 1.623 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX029777.D

Acq: 24 Jun 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

SW-1

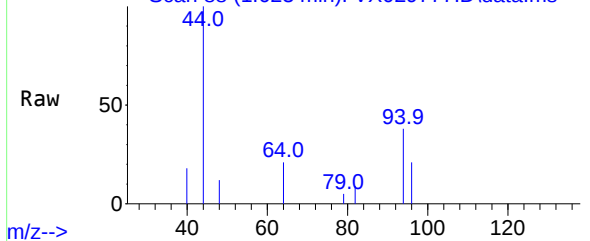
Tgt Ion: 94 Resp: 399

Ion Ratio Lower Upper

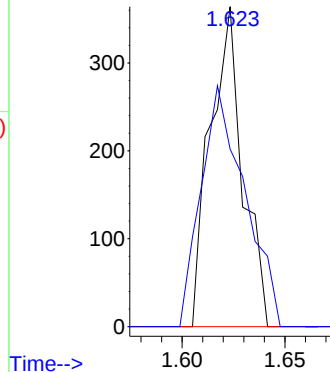
94 100

96 55.5 75.3 112.9#

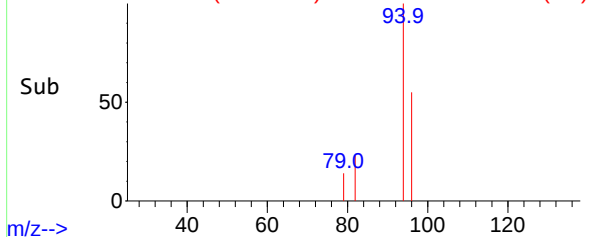
Abundance Scan 88 (1.623 min): VX029777.D\data.ms



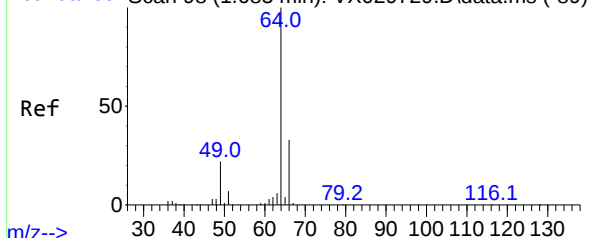
Abundance



Abundance Scan 88 (1.623 min): VX029777.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX029729.D\data.ms (-89)



#6

Chloroethane

Concen: 1.395 ug/l

RT: 1.672 min Scan# 96

Delta R.T. -0.013 min

Lab File: VX029777.D

Acq: 24 Jun 2022 15:56

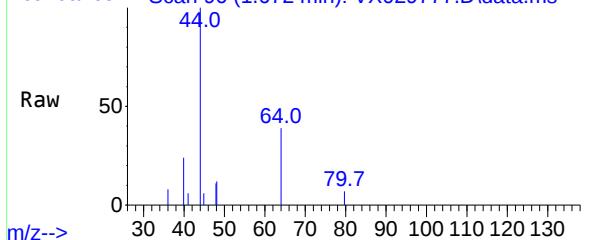
Tgt Ion: 64 Resp: 259

Ion Ratio Lower Upper

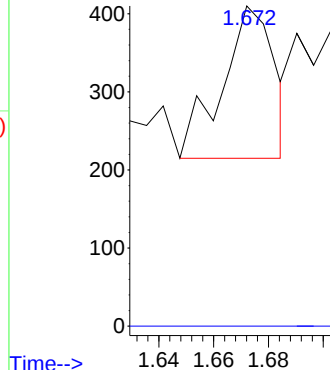
64 100

66 0.0 25.3 37.9#

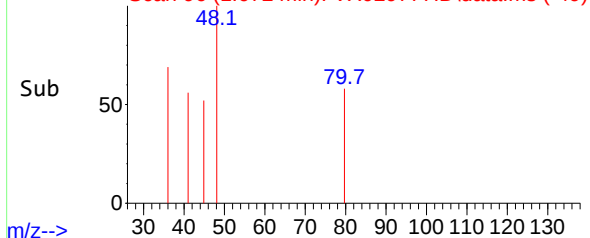
Abundance Scan 96 (1.672 min): VX029777.D\data.ms

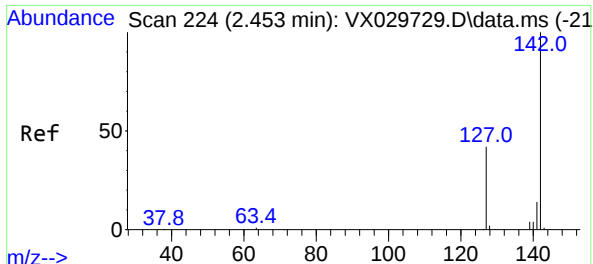


Abundance



Abundance Scan 96 (1.672 min): VX029777.D\data.ms (-49)

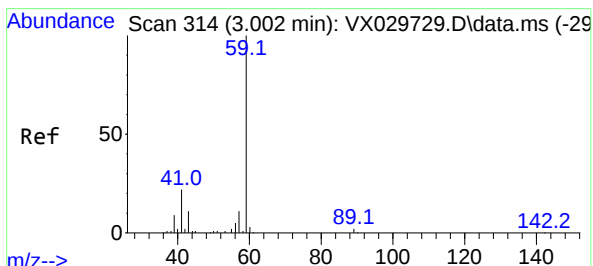
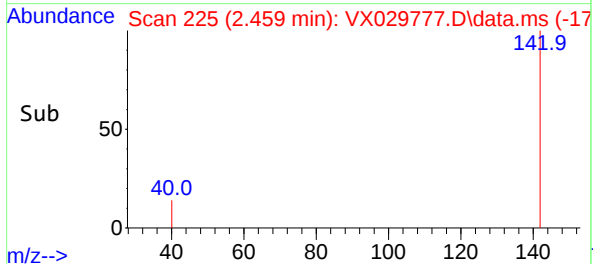
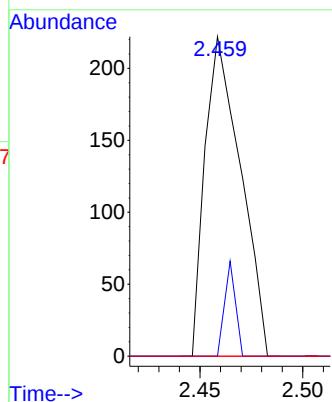
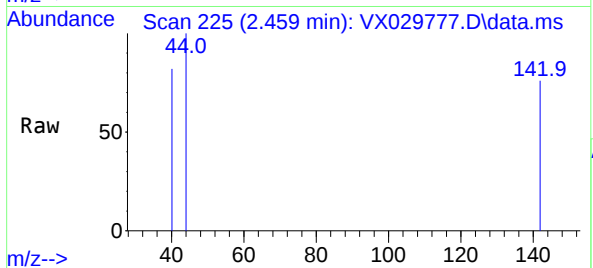




#10
Methyl Iodide
Concen: 3.098 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

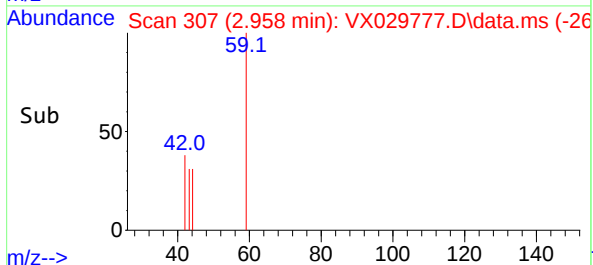
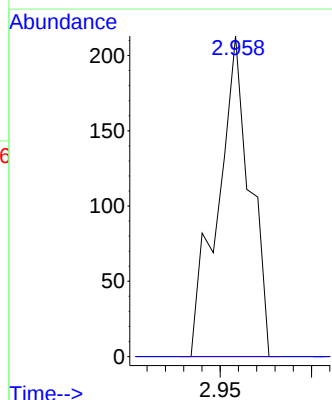
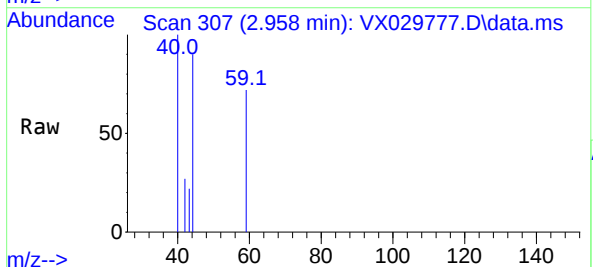
Instrument :
MSVOA_X
ClientSampleId :
SW-1

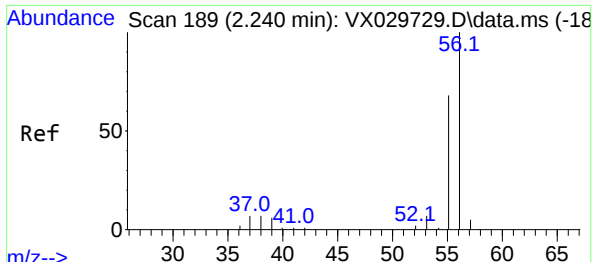
Tgt Ion:142 Resp: 268
Ion Ratio Lower Upper
142 100
127 9.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.958 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

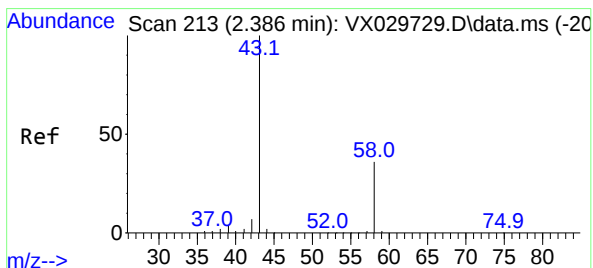
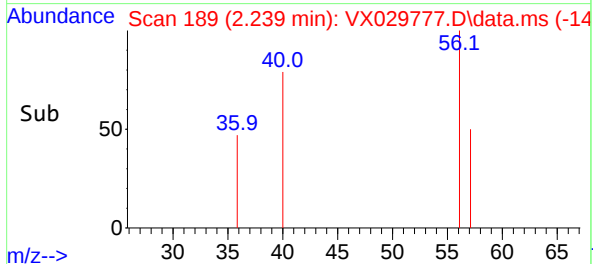
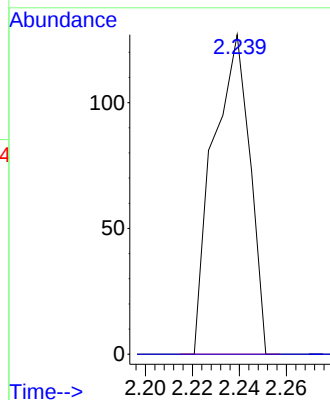
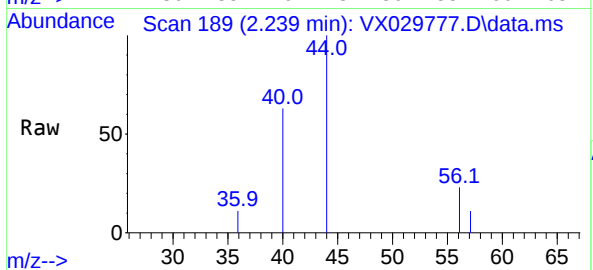




#13
Acrolein
Concen: 0.723 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

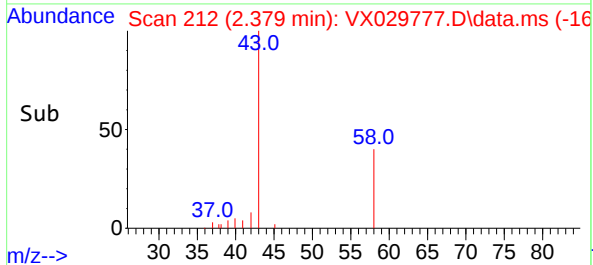
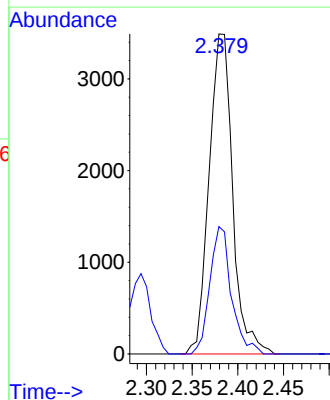
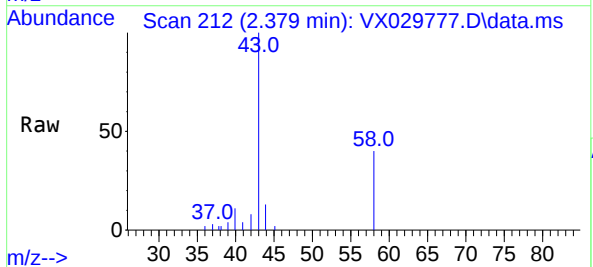
Instrument :
MSVOA_X
ClientSampleId :
SW-1

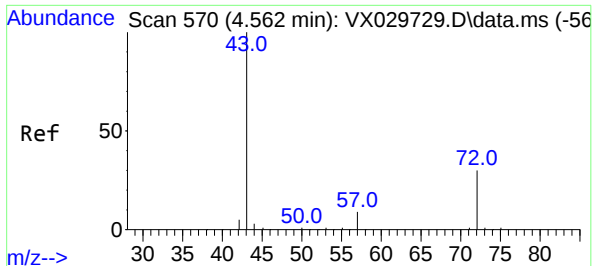
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#16
Acetone
Concen: 4.519 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Tgt Ion: 43 Resp: 6239
Ion Ratio Lower Upper
43 100
58 39.8 28.8 43.2

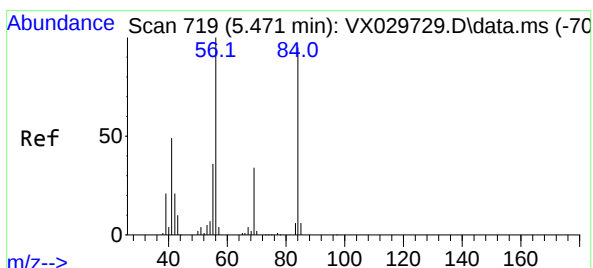
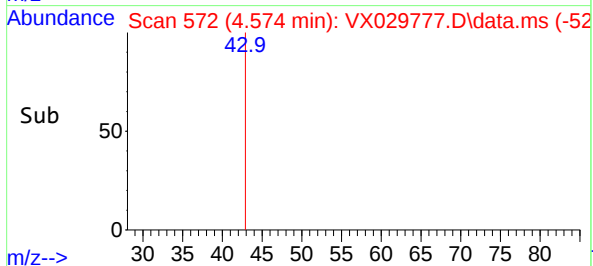
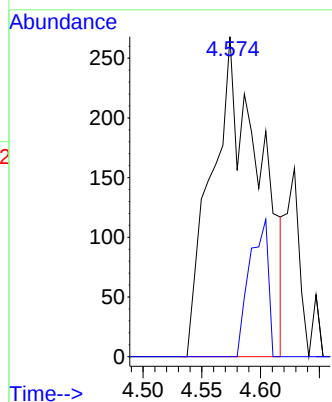
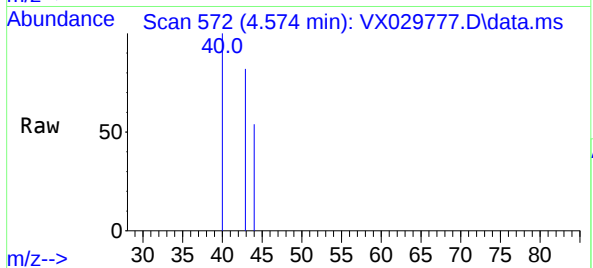




#25
2-Butanone
Concen: 0.349 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

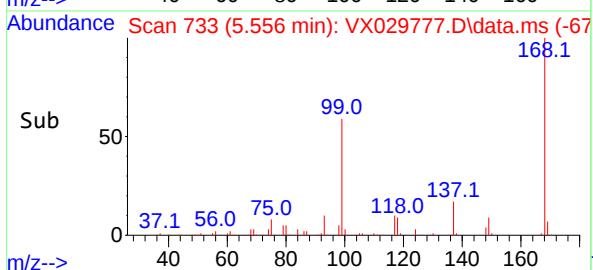
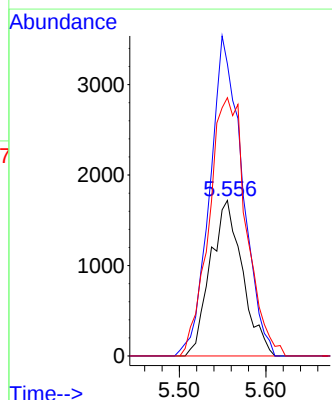
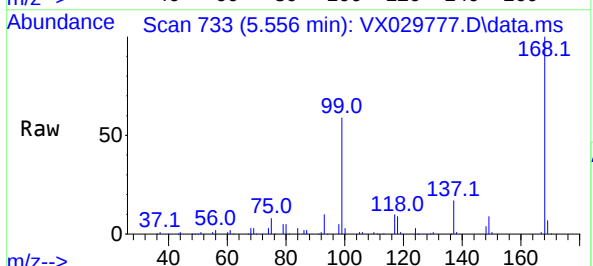
Instrument :
MSVOA_X
ClientSampleId :
SW-1

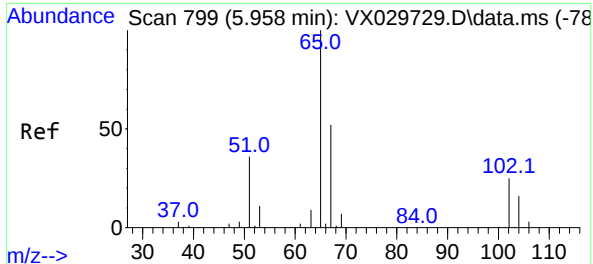
Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 0.954 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Tgt Ion: 56 Resp: 4436
Ion Ratio Lower Upper
56 100
69 187.8 26.7 40.1#
84 166.1 77.2 115.8#

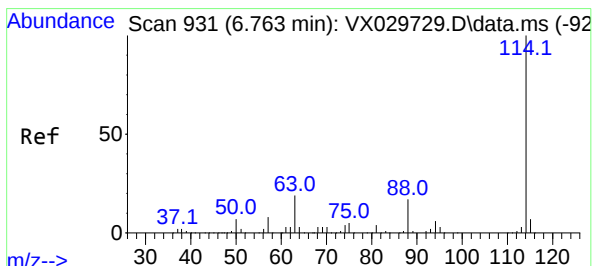
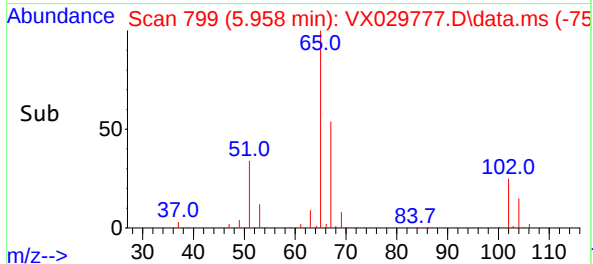
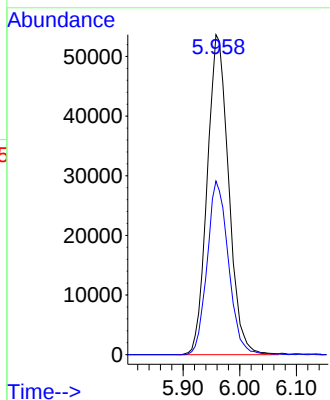
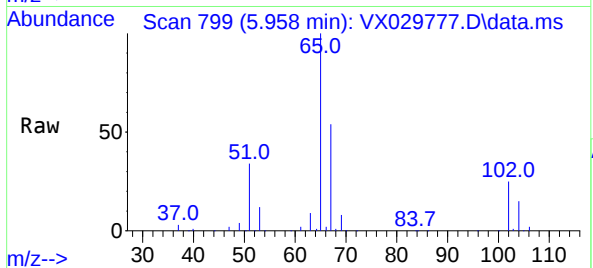




#33
1,2-Dichloroethane-d4
Concen: 40.620 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

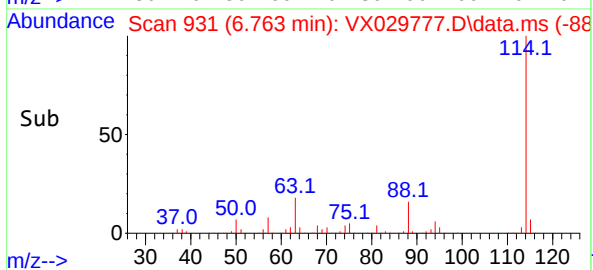
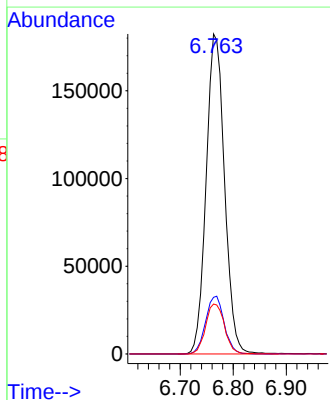
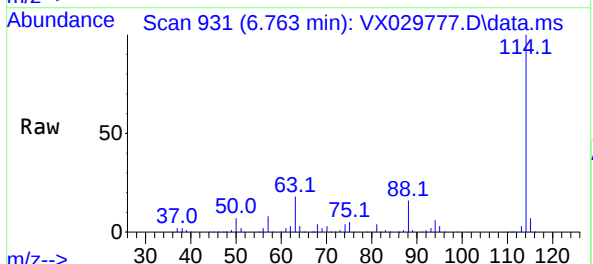
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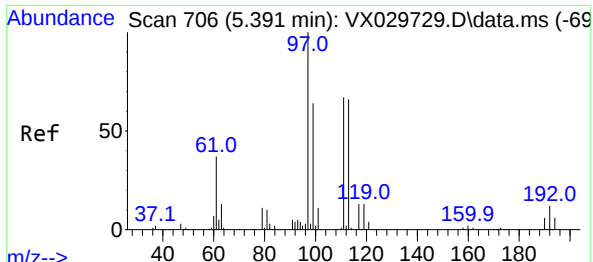
Tgt Ion: 65 Resp: 140692
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Tgt Ion: 114 Resp: 438753
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 15.6 0.0 32.4



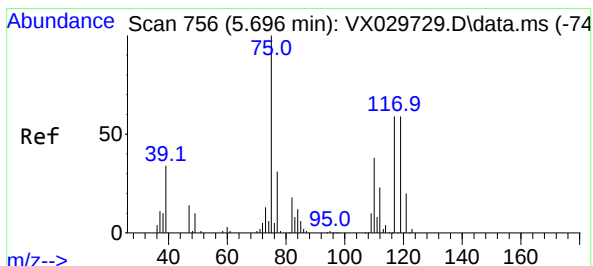
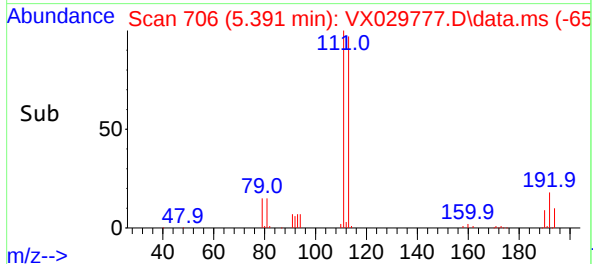
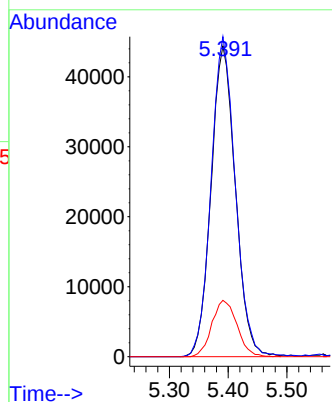
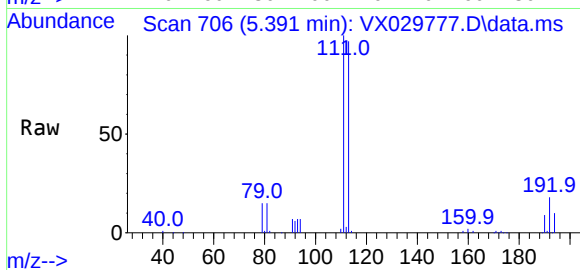


#35
Dibromofluoromethane
Concen: 44.679 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:113 Resp: 127750

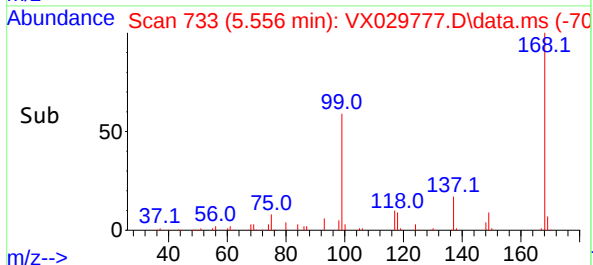
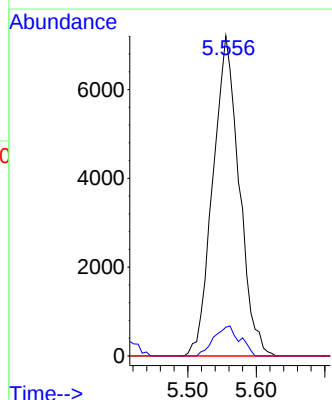
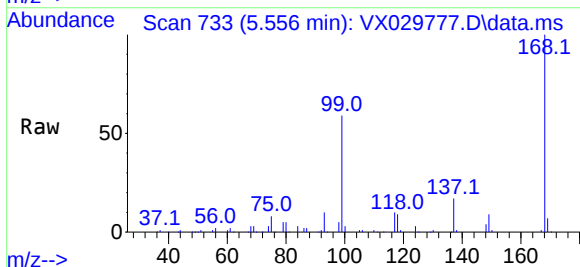
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	18.7	16.9	25.3

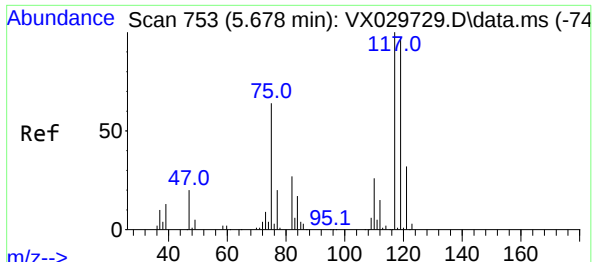


#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Tgt Ion: 75 Resp: 19202

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.3	54.8#
77	0.0	24.8	37.2#

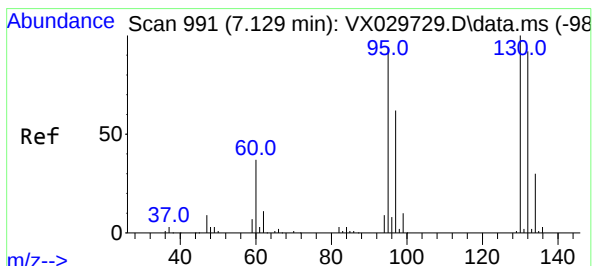
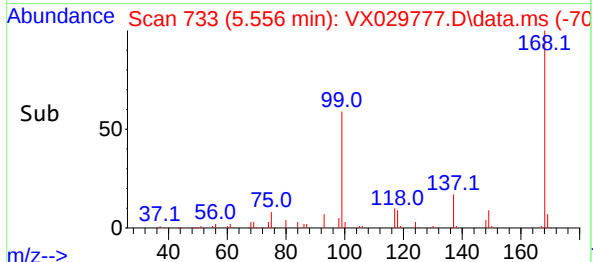
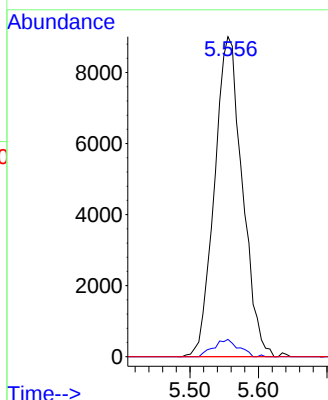
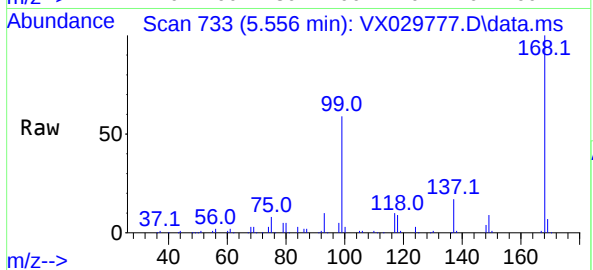




#38
Carbon Tetrachloride
Concen: 6.670 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

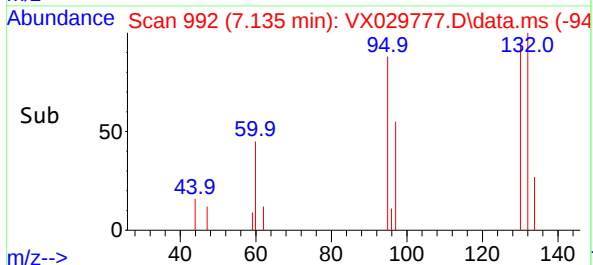
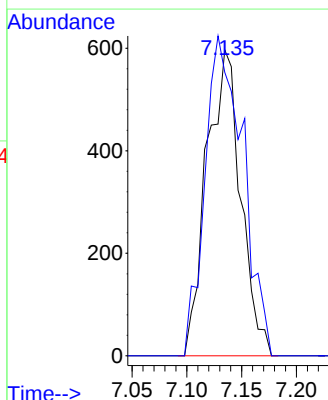
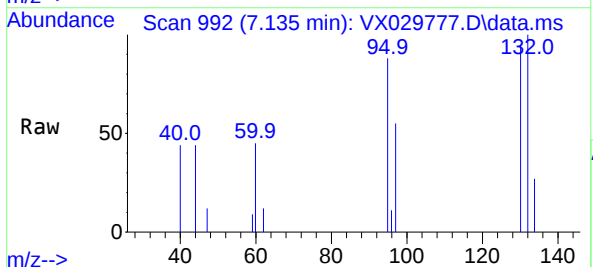
Instrument :
MSVOA_X
ClientSampleId :
SW-1

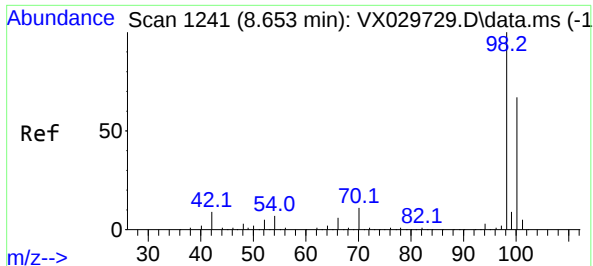
Tgt Ion:117 Resp: 25384
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Tgt Ion:130 Resp: 1287
Ion Ratio Lower Upper
130 100
95 92.6 0.0 188.8





#50

Toluene-d8

Concen: 46.452 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029777.D

Acq: 24 Jun 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

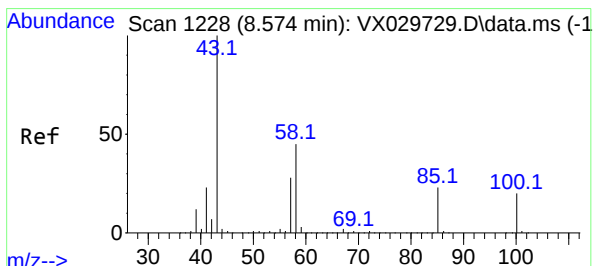
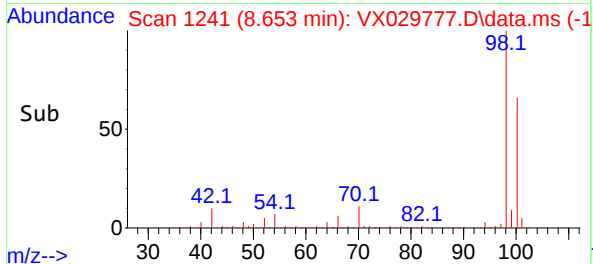
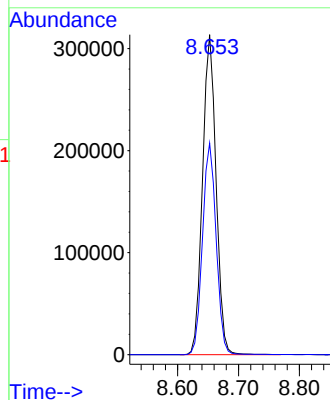
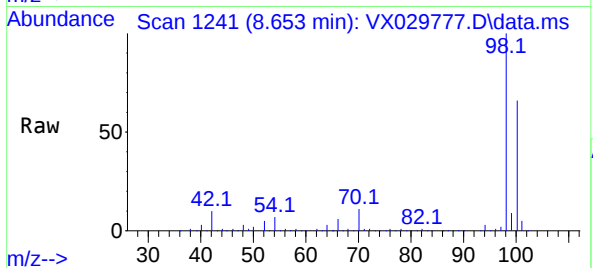
SW-1

Tgt Ion: 98 Resp: 485220

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.448 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX029777.D

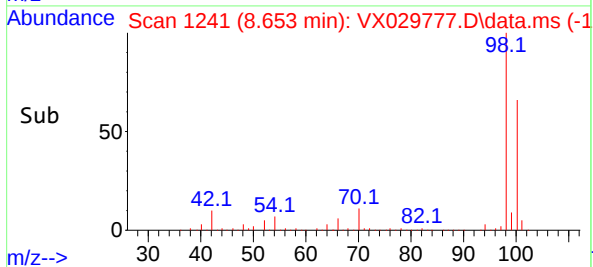
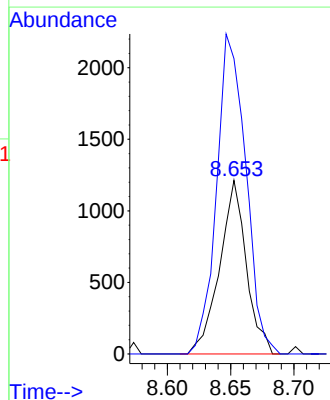
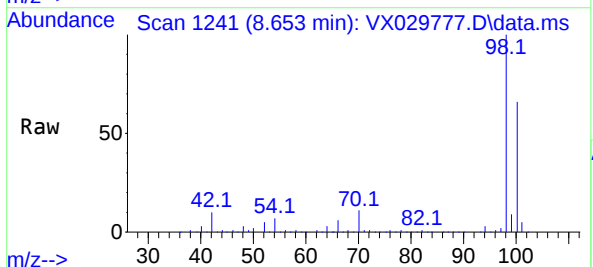
Acq: 24 Jun 2022 15:56

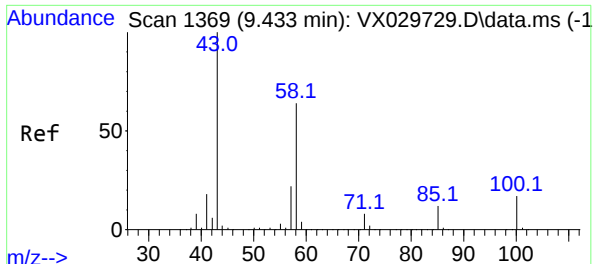
Tgt Ion: 43 Resp: 1783

Ion Ratio Lower Upper

43 100

58 200.8 36.1 54.1#





#59

2-Hexanone

Concen: 0.319 ug/l

RT: 9.524 min Scan# 11

Delta R.T. 0.091 min

Lab File: VX029777.D

Acq: 24 Jun 2022 15:56

Instrument :

MSVOA_X

ClientSampleId :

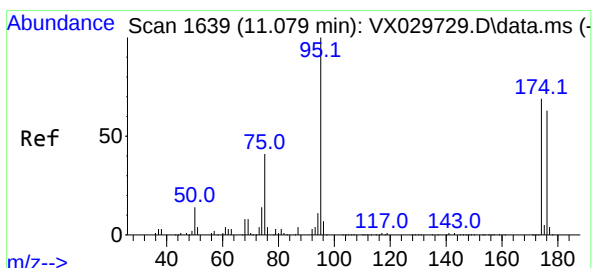
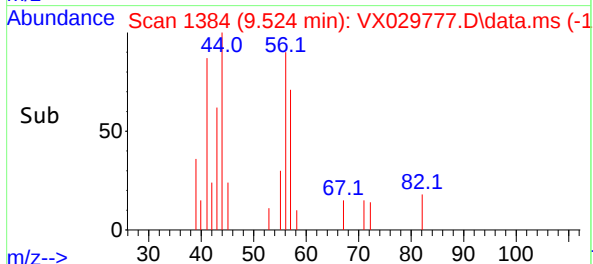
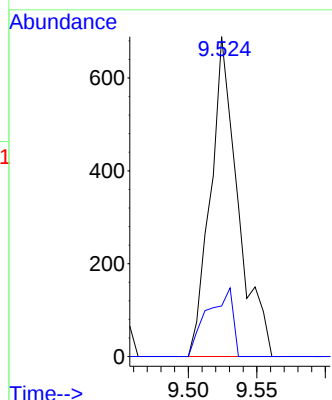
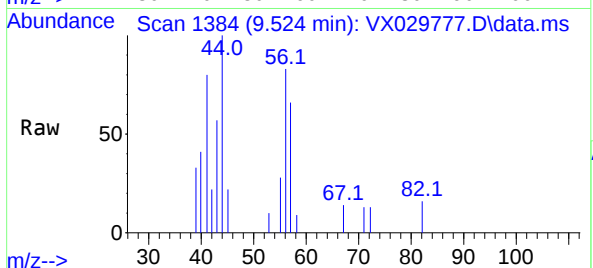
SW-1

Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

58 19.6 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 45.036 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029777.D

Acq: 24 Jun 2022 15:56

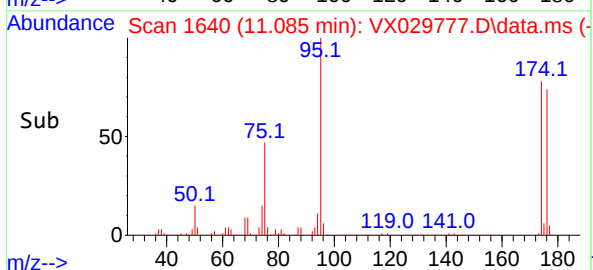
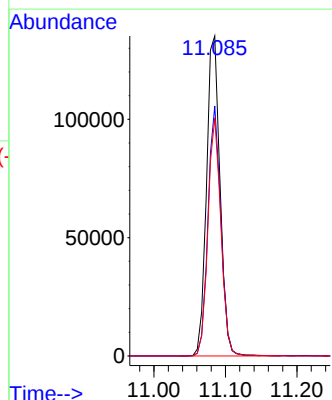
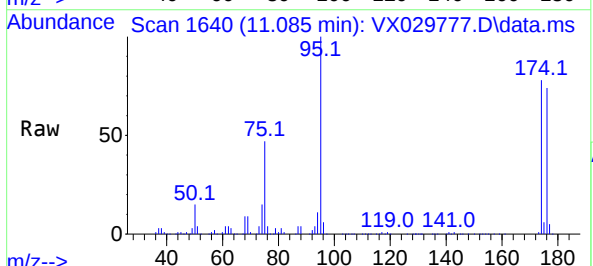
Tgt Ion: 95 Resp: 177403

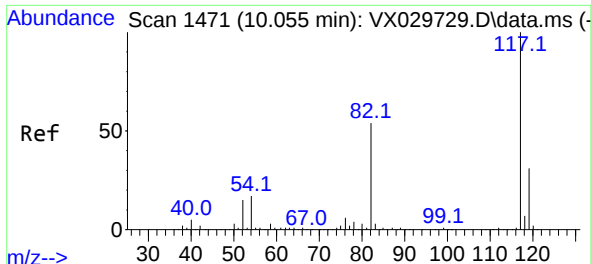
Ion Ratio Lower Upper

95 100

174 74.8 0.0 163.0

176 71.3 0.0 155.0

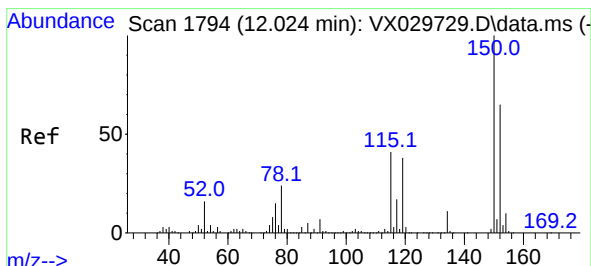
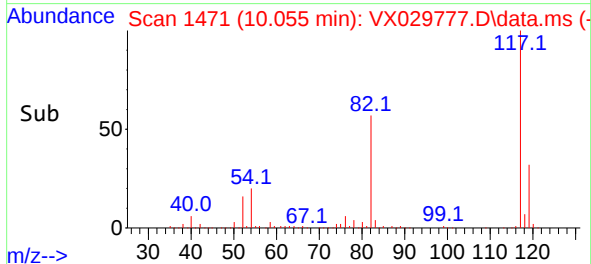
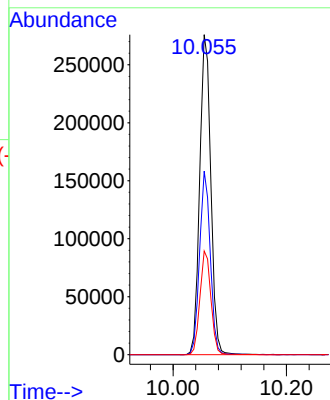
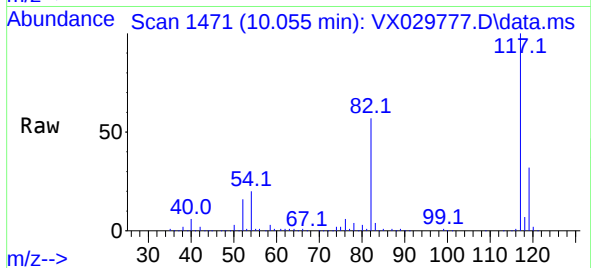




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

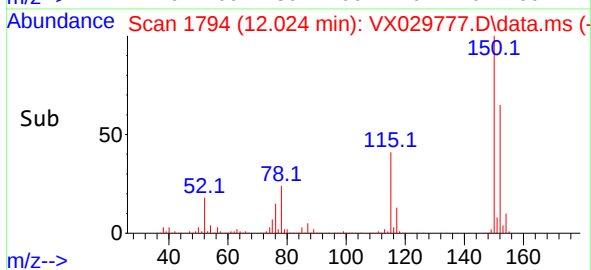
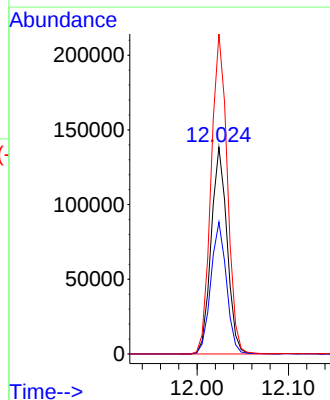
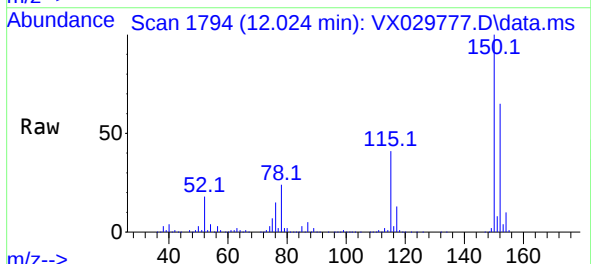
Instrument :
MSVOA_X
ClientSampleId :
SW-1

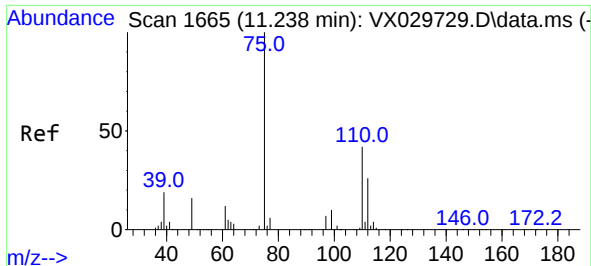
Tgt Ion:117 Resp: 374383
Ion Ratio Lower Upper
117 100
82 57.4 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Tgt Ion:152 Resp: 167076
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 157.4 0.0 338.2

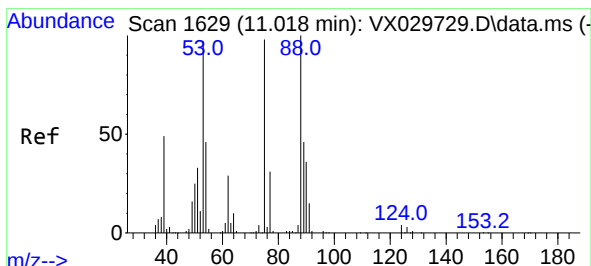
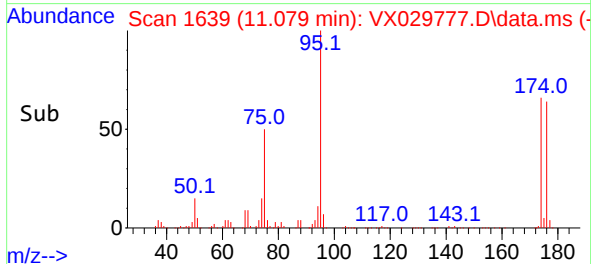
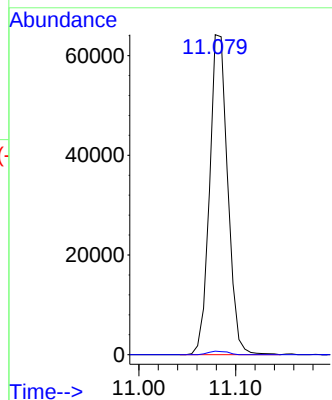
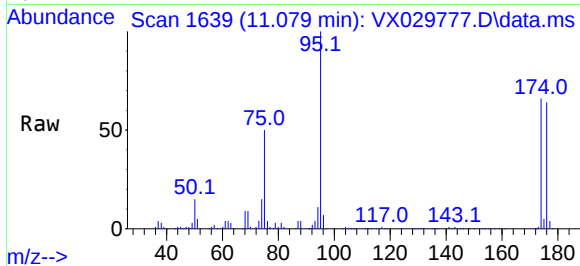




#76
1,2,3-Trichloropropane
Concen: 23.023 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

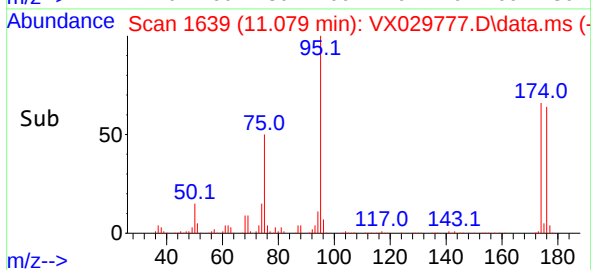
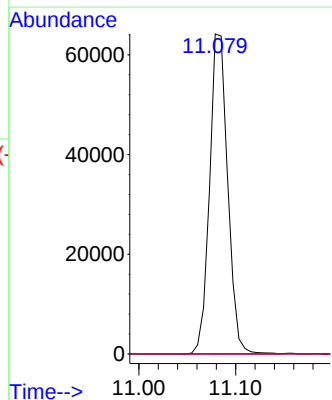
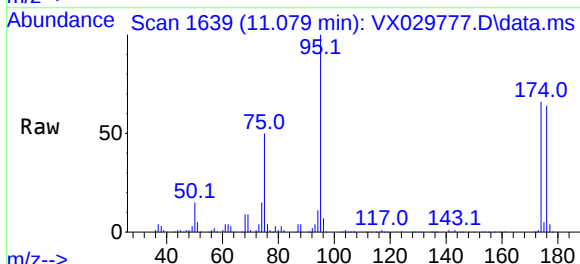
Instrument :
MSVOA_X
ClientSampleId :
SW-1

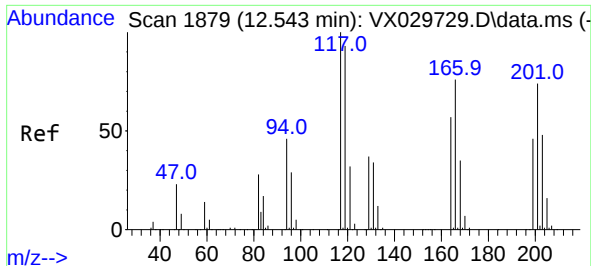
Tgt Ion: 75 Resp: 83796
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

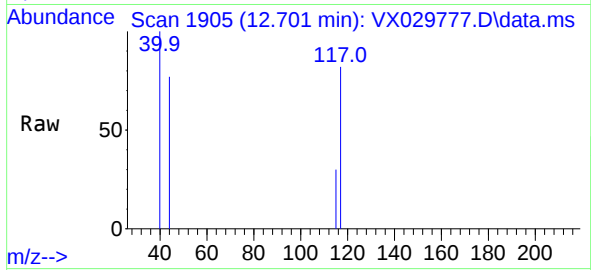
Tgt Ion: 75 Resp: 83796
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#90
Hexachloroethane
Concen: 0.245 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX029777.D
Acq: 24 Jun 2022 15:56

Instrument :
MSVOA_X
ClientSampleId :
SW-1



Tgt Ion:117 Resp: 374
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

