

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029604.D
 Acq On : 19 Jun 2022 05:23
 Operator : JC/MD
 Sample : N3290-21 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2

Quant Time: Jun 20 01:41:10 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)

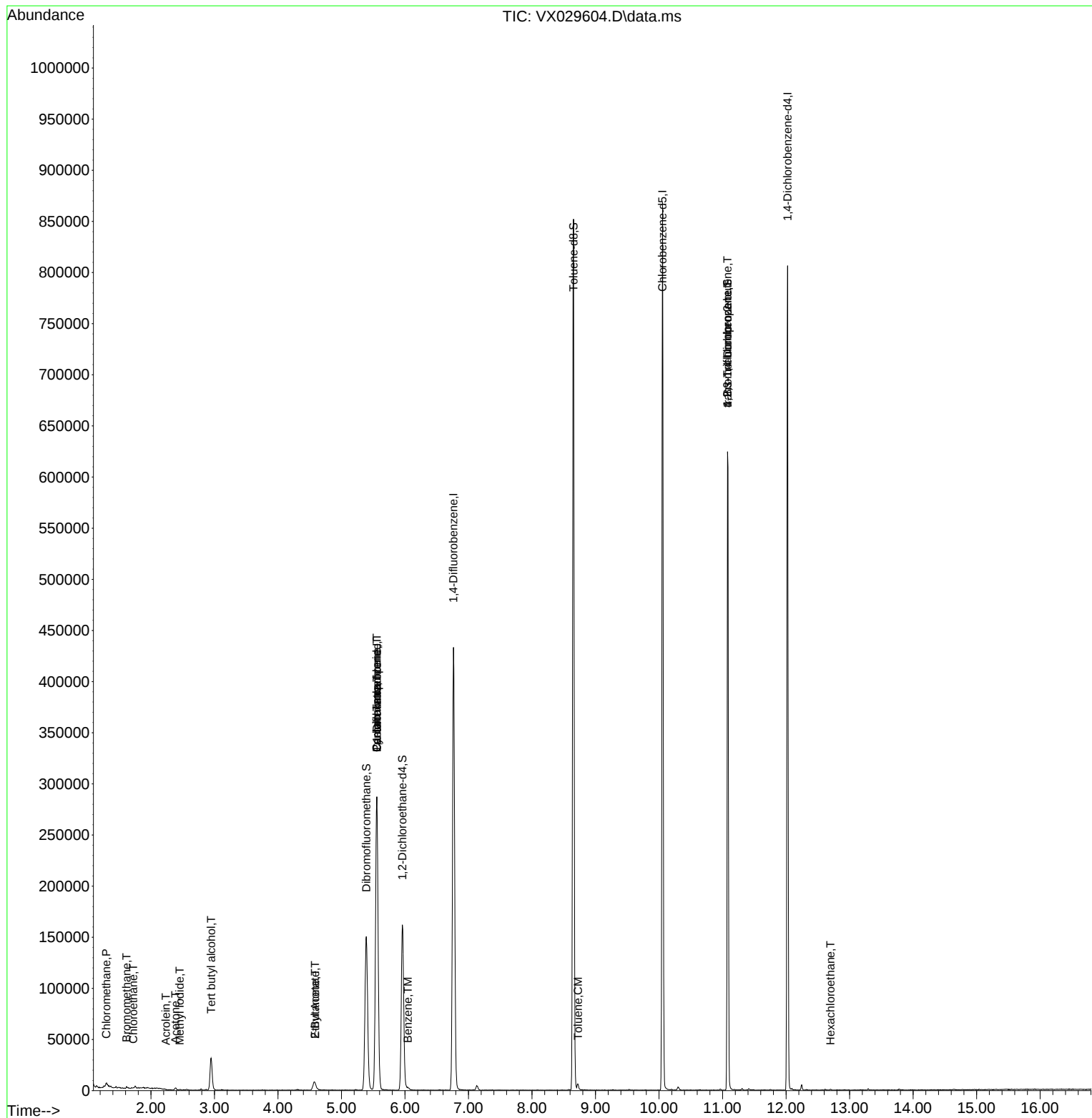
Internal Standards						
1) Pentafluorobenzene	5.556	168	274133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	460724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156923	43.244	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.480%
35) Dibromofluoromethane	5.391	113	136533	45.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.653	98	520084	47.416	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.840%
62) 4-Bromofluorobenzene	11.079	95	183908	44.461	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1122	0.314	ug/l	94
5) Bromomethane	1.618	94	506	0.301	ug/l	84
6) Chloroethane	1.721	64	469	1.470	ug/l #	43
10) Methyl Iodide	2.453	142	419	3.138	ug/l	94
11) Tert butyl alcohol	2.947	59	20145	16.845	ug/l #	74
13) Acrolein	2.233	56	70	0.350	ug/l #	1
16) Acetone	2.386	43	2672	1.847	ug/l #	86
25) 2-Butanone	4.587	43	837	0.366	ug/l #	77
31) Cyclohexane	5.556	56	5504	1.130	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20977	5.162	ug/l #	50
37) Ethyl Acetate	4.587	43	837	0.201	ug/l #	46
38) Carbon Tetrachloride	5.556	117	28131	7.039	ug/l #	14
40) Benzene	6.044	78	2703	0.224	ug/l	91
44) Trichloroethene	7.129	130	1875	Below Cal		98
52) Toluene	8.726	92	2237	0.290	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	87392	23.718	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87392	78.905	ug/l #	15
90) Hexachloroethane	12.701	117	489	0.316	ug/l #	10

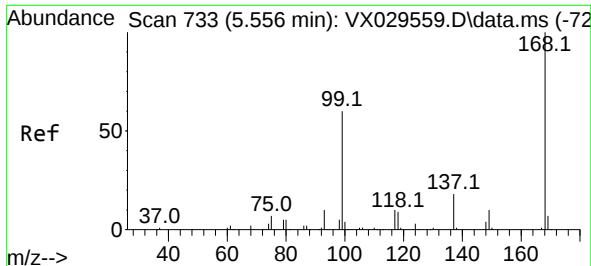
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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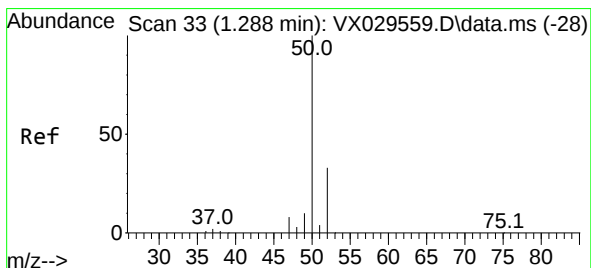
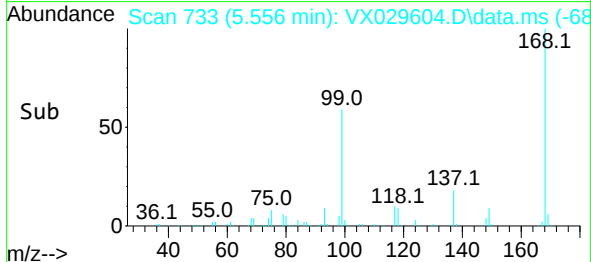
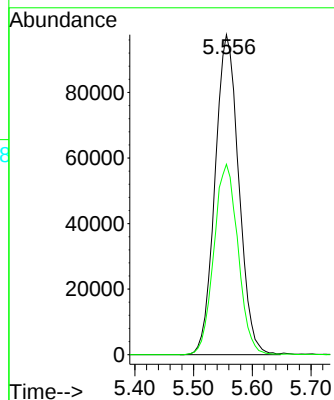
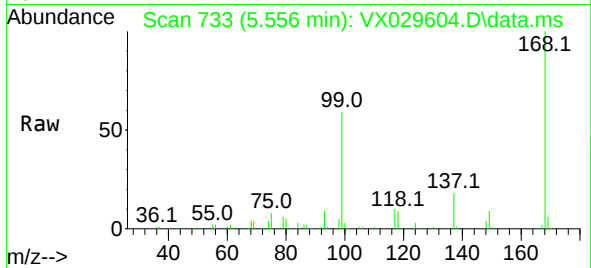




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

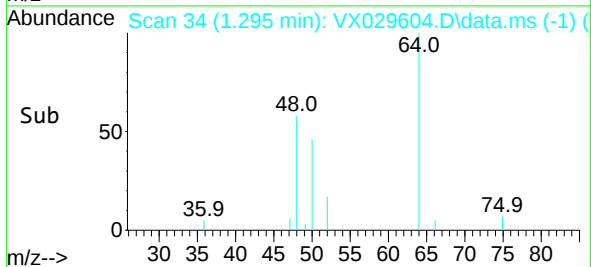
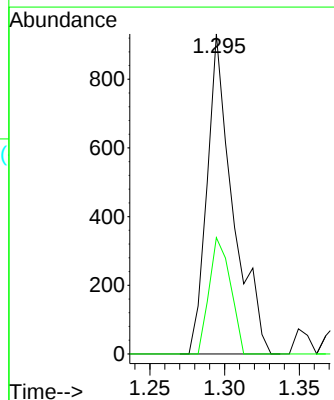
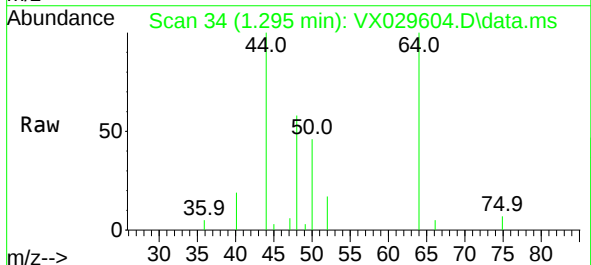
Instrument :
MSVOA_X
ClientSampleId :
SW-2

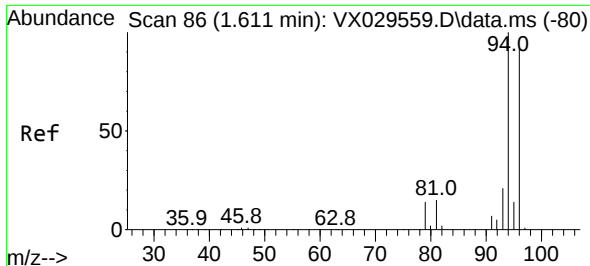
Tgt Ion:168 Resp: 274133
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5



#3
Chloromethane
Concen: 0.314 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Tgt Ion: 50 Resp: 1122
Ion Ratio Lower Upper
50 100
52 36.4 26.4 39.6

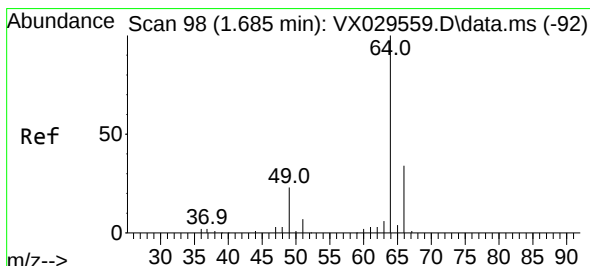
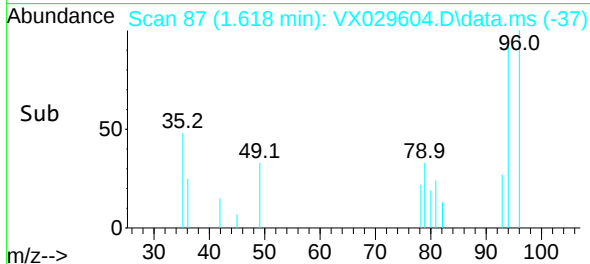
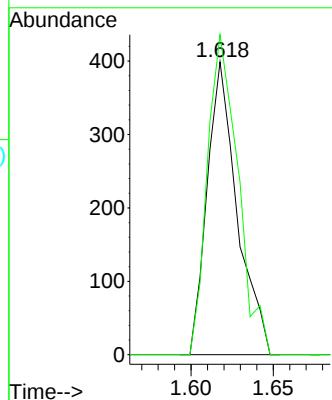
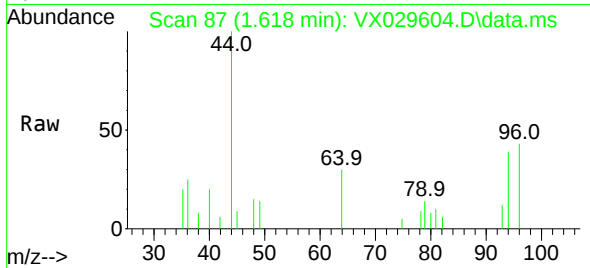




#5
Bromomethane
Concen: 0.301 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

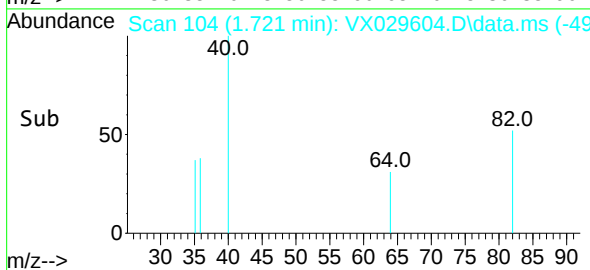
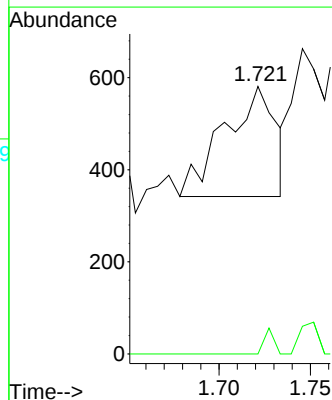
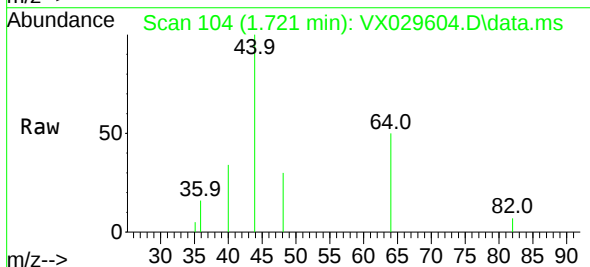
Instrument :
MSVOA_X
ClientSampleId :
SW-2

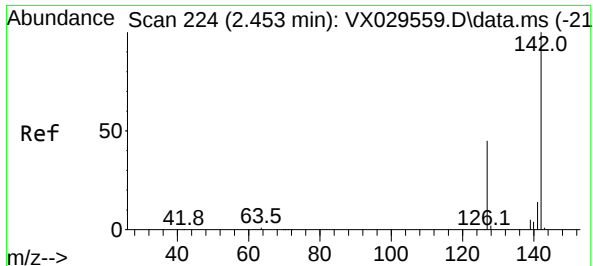
Tgt Ion: 94 Resp: 506
Ion Ratio Lower Upper
94 100
96 109.3 75.3 112.9



#6
Chloroethane
Concen: 1.470 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.036 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

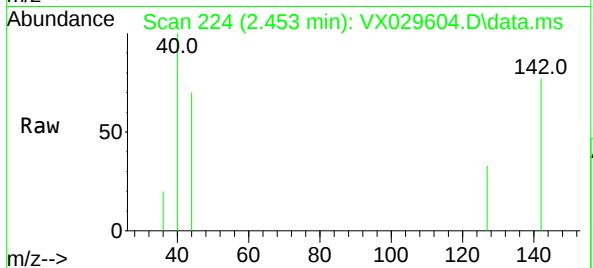
Tgt Ion: 64 Resp: 469
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



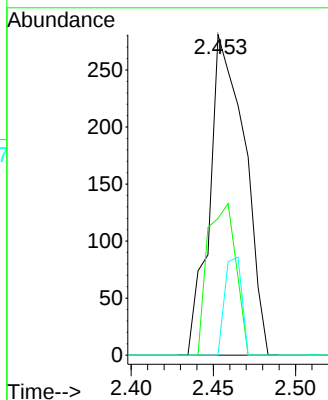
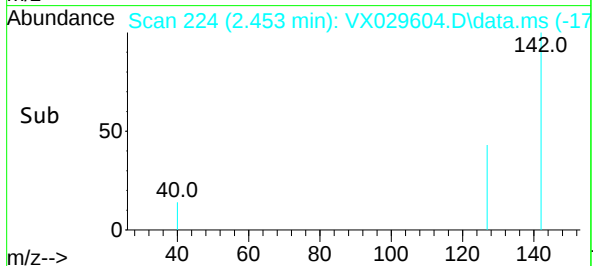


#10
Methyl Iodide
Concen: 3.138 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Instrument :
MSVOA_X
ClientSampleId :
SW-2

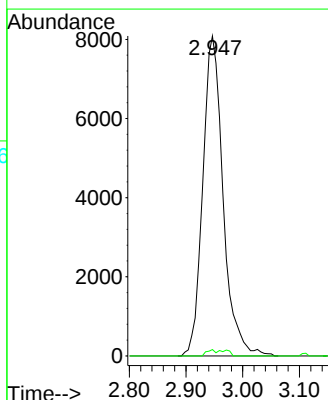
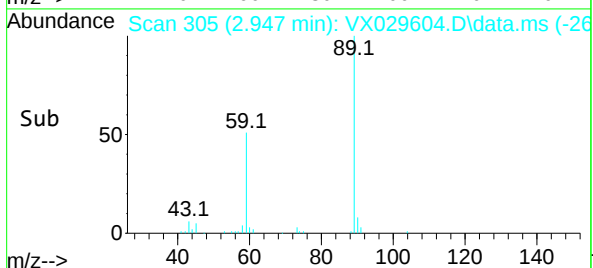
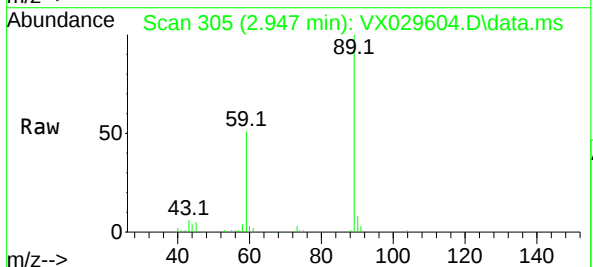


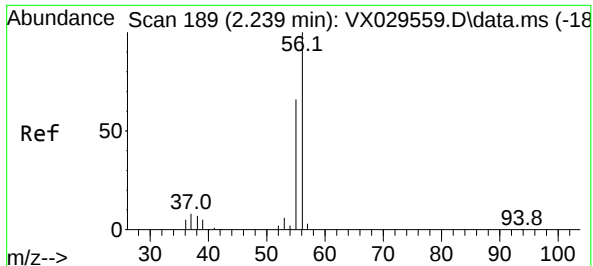
Tgt Ion:142 Resp: 419
Ion Ratio Lower Upper
142 100
127 37.7 33.9 50.9
141 14.6 11.4 17.2



#11
Tert butyl alcohol
Concen: 16.845 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Tgt Ion: 59 Resp: 20145
Ion Ratio Lower Upper
59 100
57 0.9 8.3 12.5#

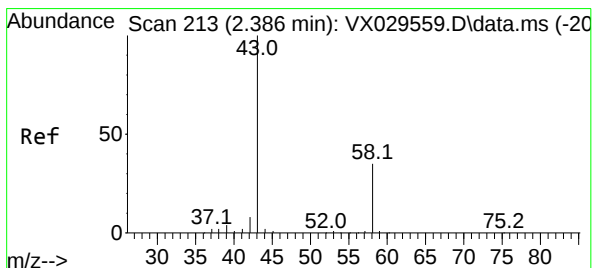
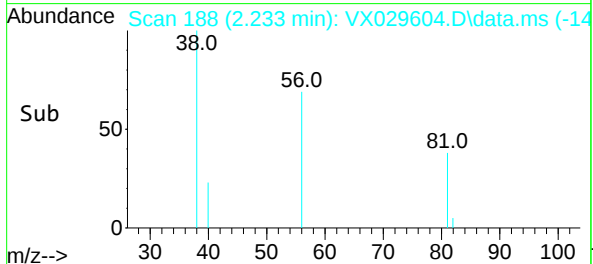
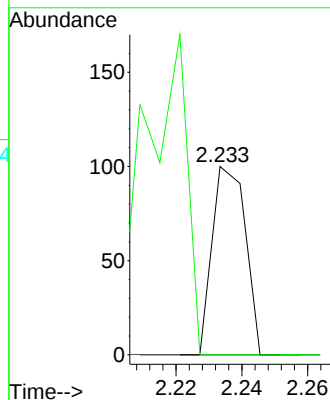
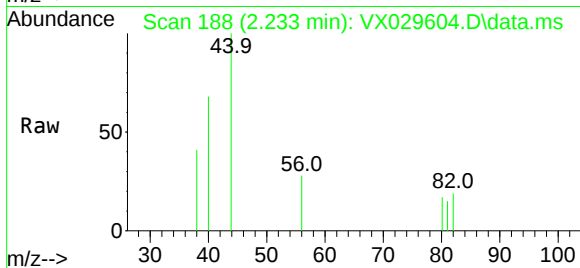




#13
Acrolein
Concen: 0.350 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

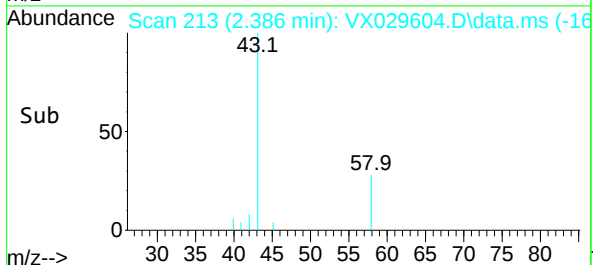
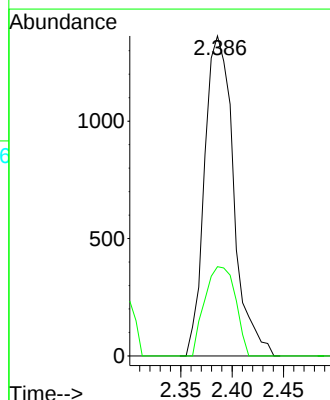
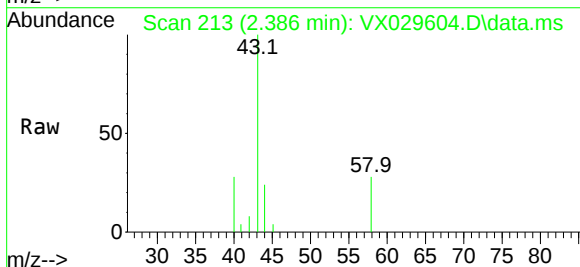
Instrument :
MSVOA_X
ClientSampleId :
SW-2

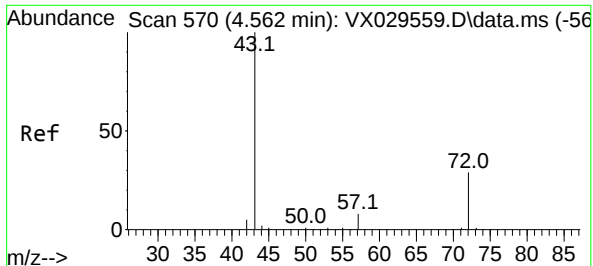
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 211.4 55.0 82.6#



#16
Acetone
Concen: 1.847 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Tgt Ion: 43 Resp: 2672
Ion Ratio Lower Upper
43 100
58 27.9 28.8 43.2#

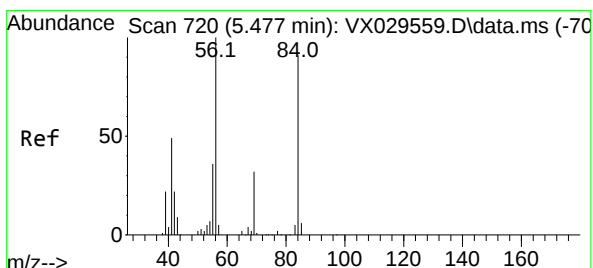
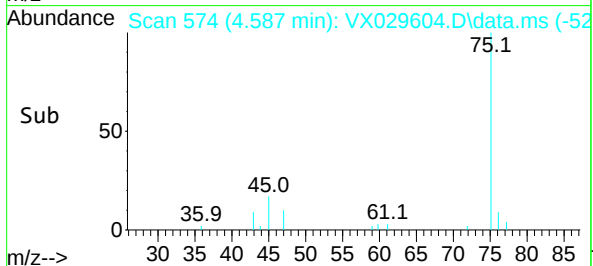
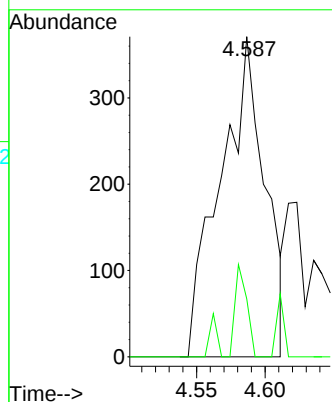
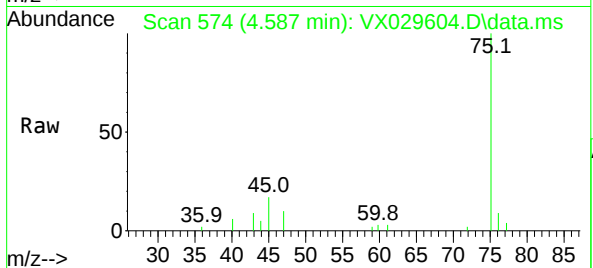




#25
2-Butanone
Concen: 0.366 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

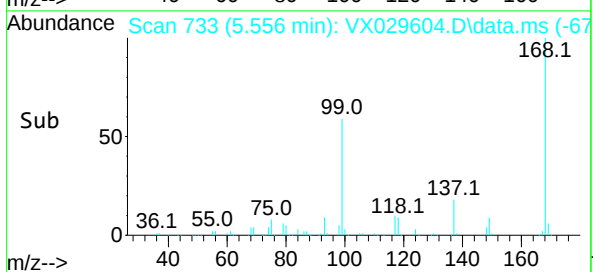
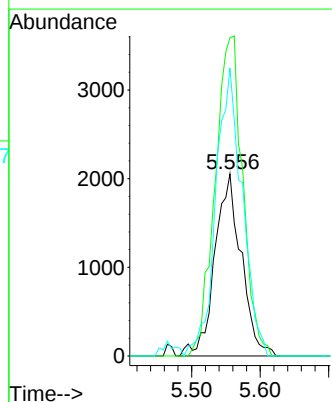
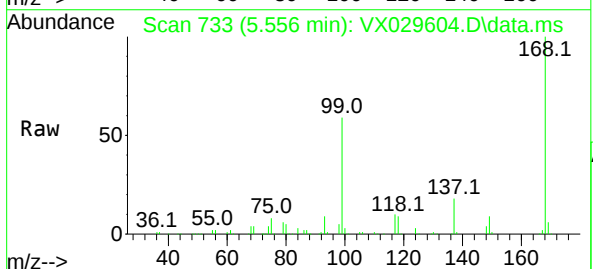
Instrument :
MSVOA_X
ClientSampleId :
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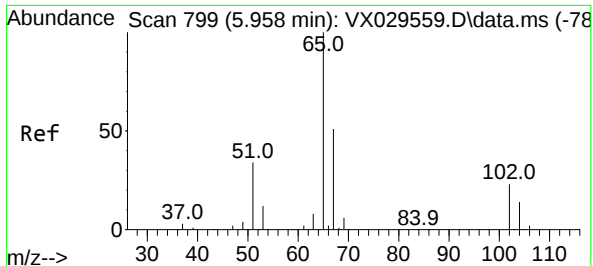
Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
72 18.1 24.4 36.6#



#31
Cyclohexane
Concen: 1.130 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Tgt Ion: 56 Resp: 5504
Ion Ratio Lower Upper
56 100
69 174.8 26.7 40.1#
84 158.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 43.244 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029604.D

Acq: 19 Jun 2022 05:23

Instrument :

MSVOA_X

ClientSampleId :

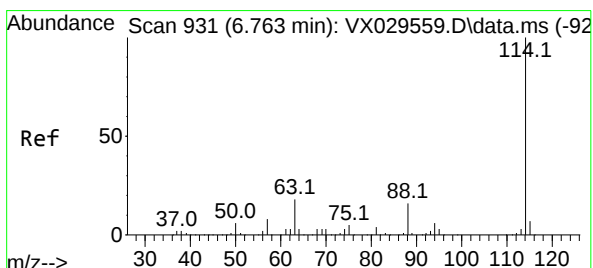
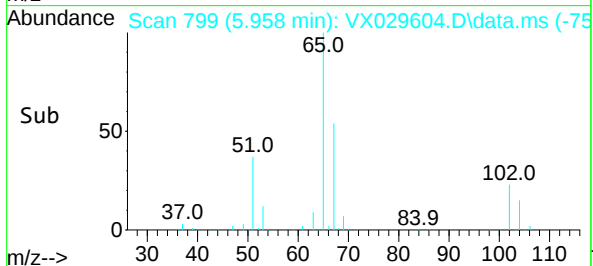
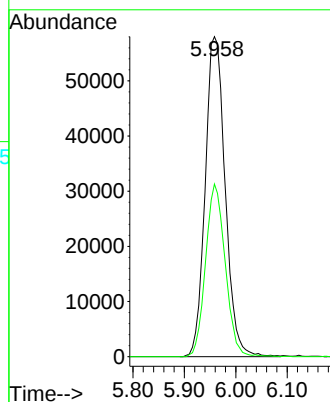
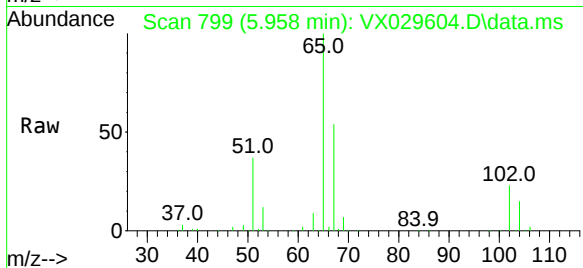
SW-2

Tgt Ion: 65 Resp: 156923

Ion Ratio Lower Upper

65 100

67 52.9 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: VX029604.D

Acq: 19 Jun 2022 05:23

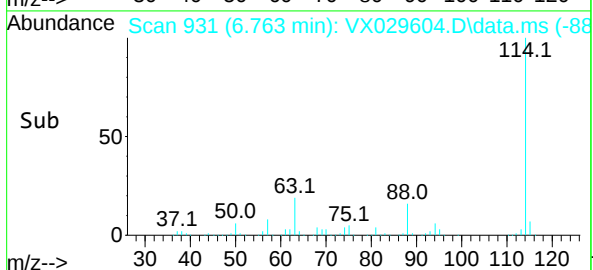
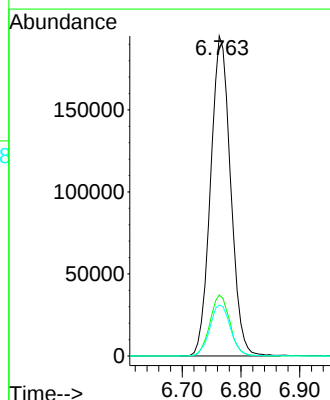
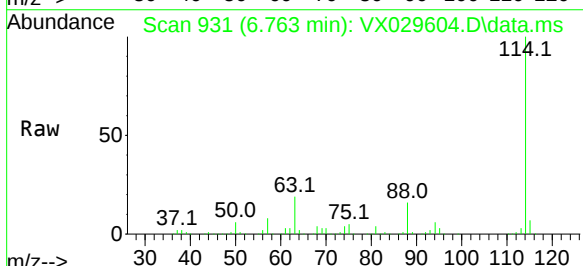
Tgt Ion: 114 Resp: 460724

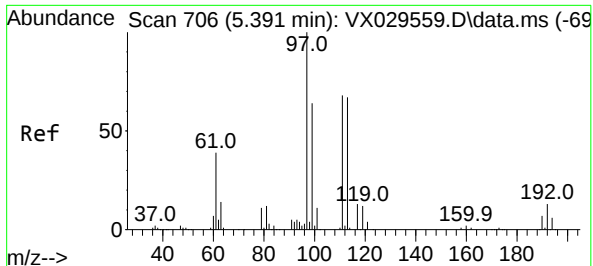
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.474 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029604.D

Acq: 19 Jun 2022 05:23

Instrument :

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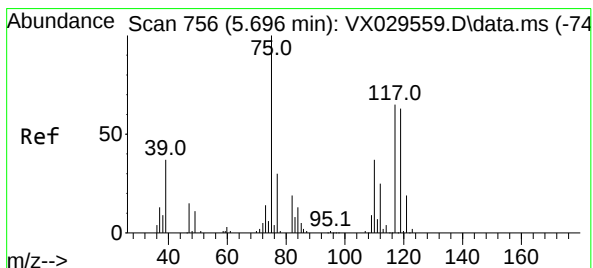
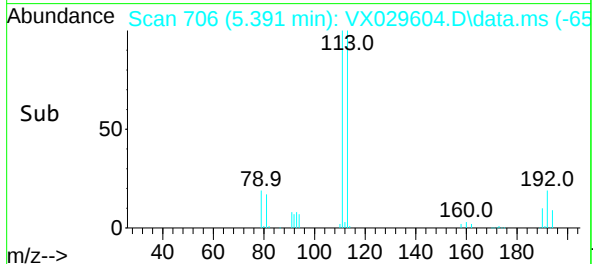
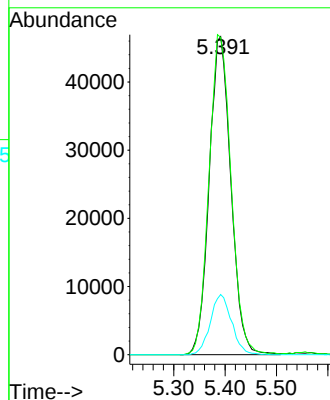
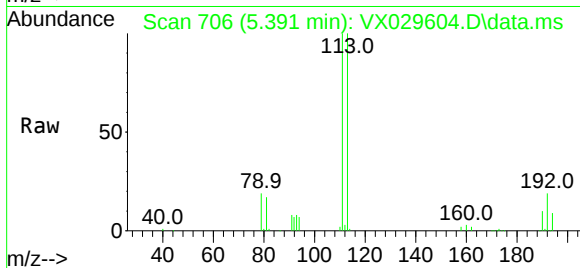
Tgt Ion:113 Resp: 136533

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 18.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.162 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029604.D

Acq: 19 Jun 2022 05:23

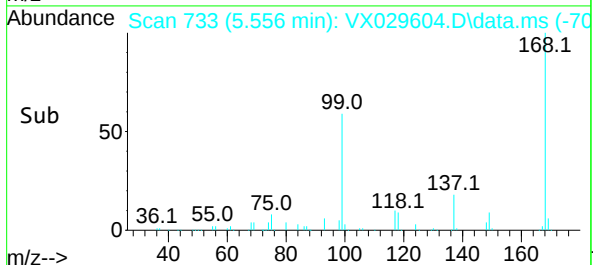
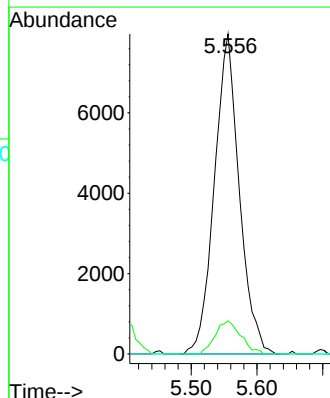
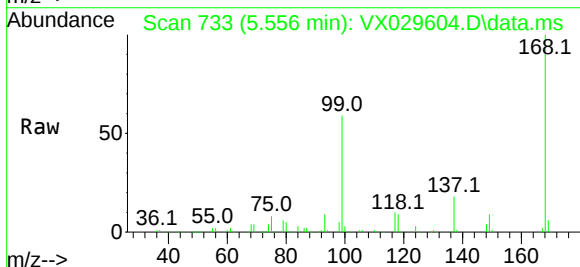
Tgt Ion: 75 Resp: 20977

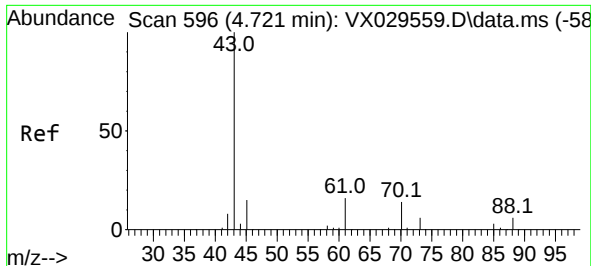
Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.201 ug/l

RT: 4.587 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX029604.D

Acq: 19 Jun 2022 05:23

Instrument :

MSVOA_X

ClientSampleId :

SW-2

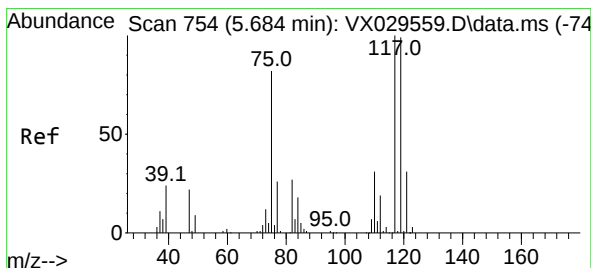
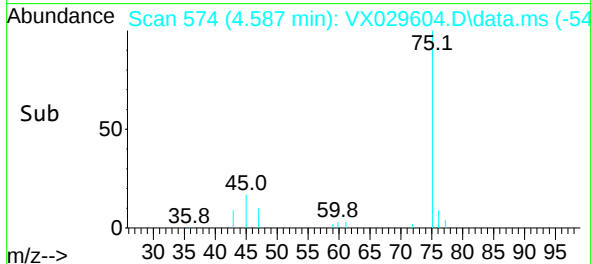
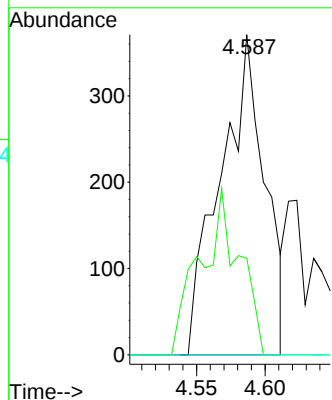
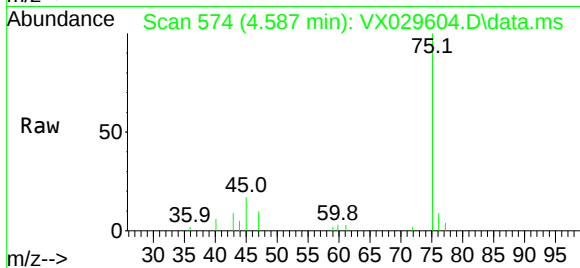
Tgt Ion: 43 Resp: 837

Ion Ratio Lower Upper

43 100

61 46.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 7.039 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029604.D

Acq: 19 Jun 2022 05:23

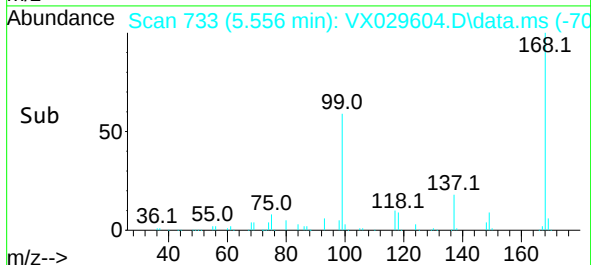
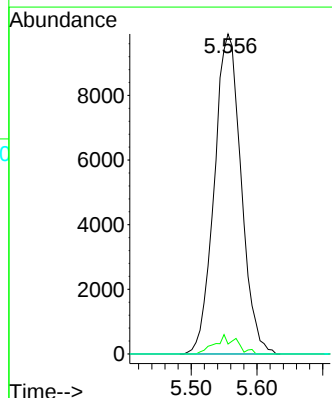
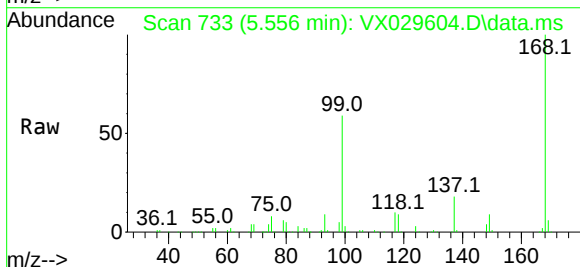
Tgt Ion: 117 Resp: 28131

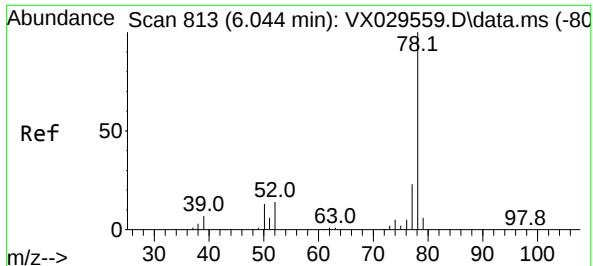
Ion Ratio Lower Upper

117 100

119 3.1 77.3 115.9#

121 0.0 24.2 36.2#

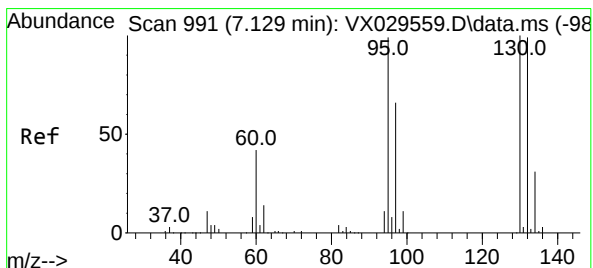
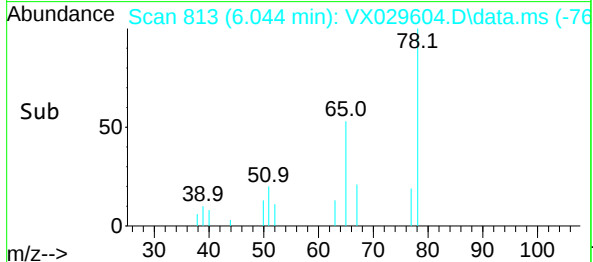
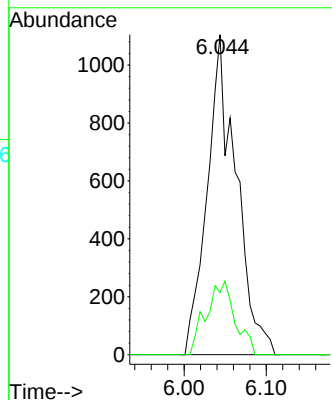
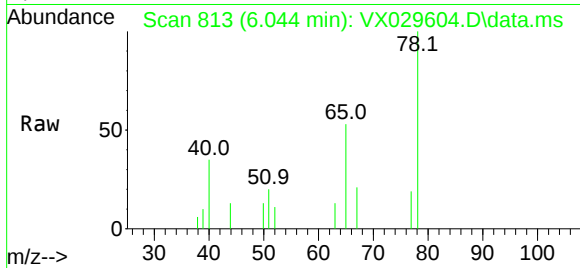




#40
Benzene
Concen: 0.224 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

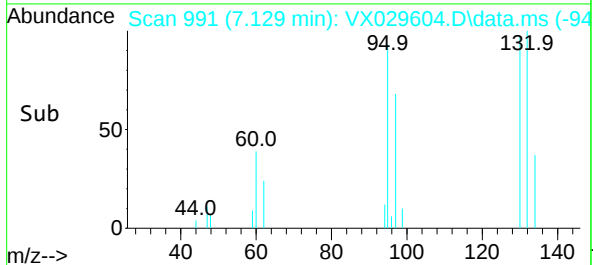
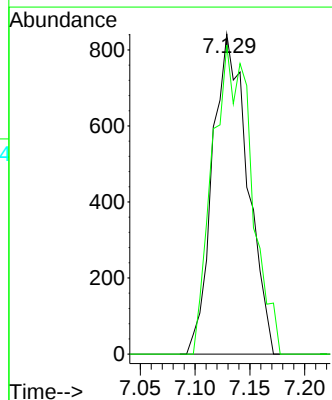
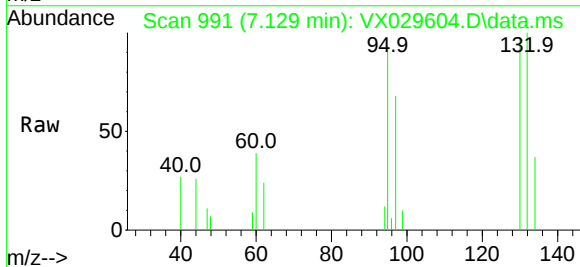
Instrument :
MSVOA_X
ClientSampleId :
SW-2

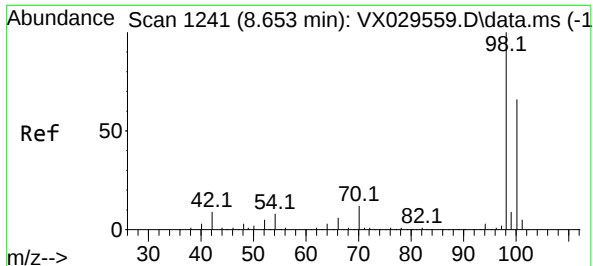
Tgt Ion: 78 Resp: 2703
Ion Ratio Lower Upper
78 100
77 19.5 19.3 28.9



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Tgt Ion:130 Resp: 1875
Ion Ratio Lower Upper
130 100
95 96.6 0.0 188.8

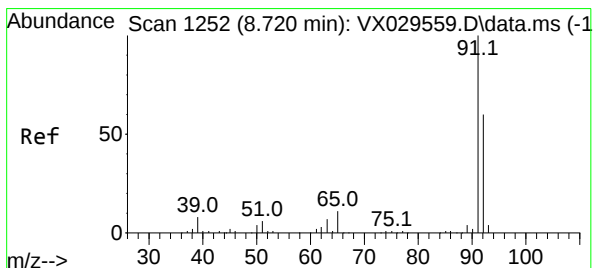
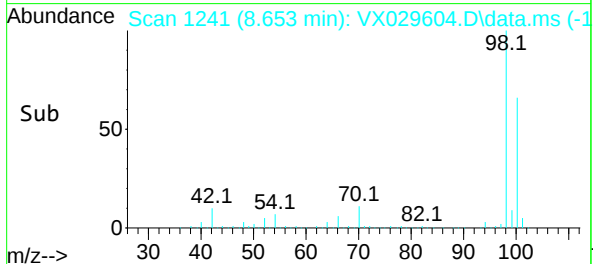
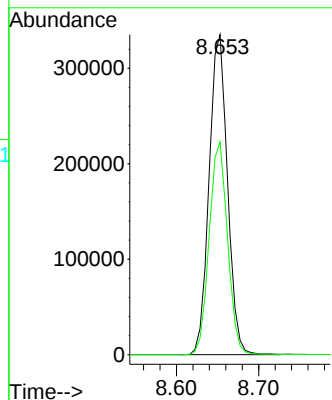
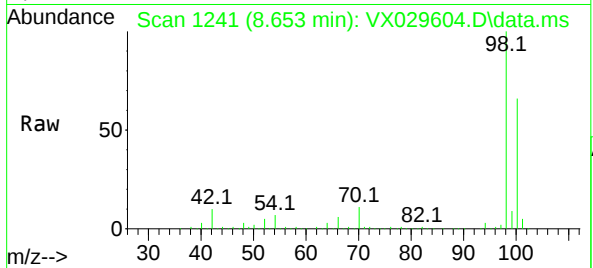




#50
Toluene-d8
Concen: 47.416 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

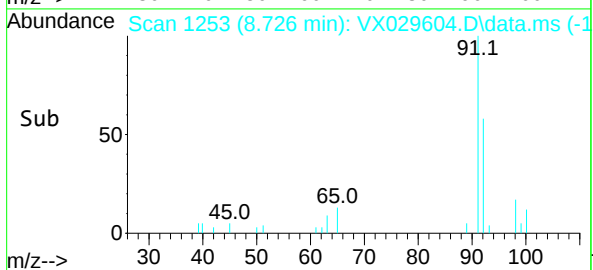
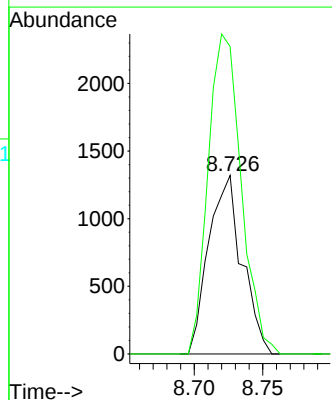
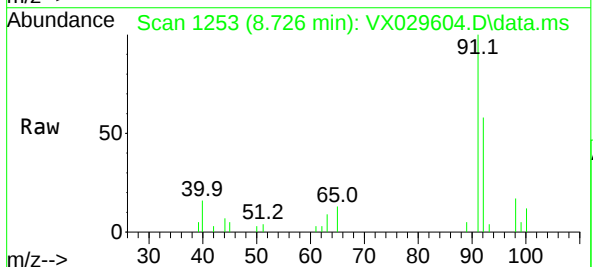
Instrument :
MSVOA_X
ClientSampleId :
SW-2

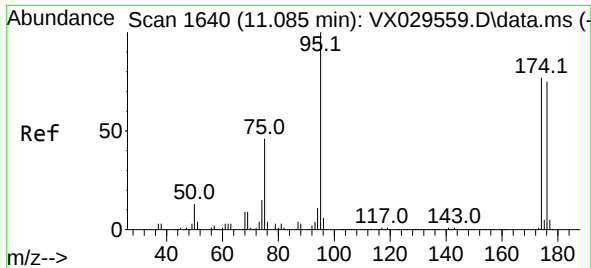
Tgt Ion: 98 Resp: 520084
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#52
Toluene
Concen: 0.290 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Tgt Ion: 92 Resp: 2237
Ion Ratio Lower Upper
92 100
91 177.6 137.5 206.3

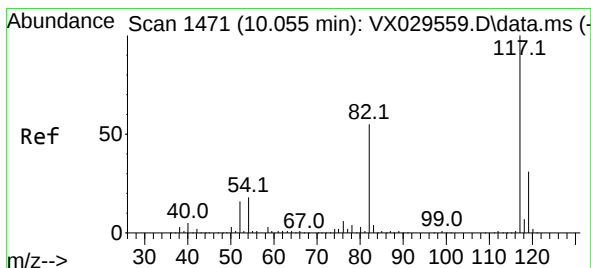
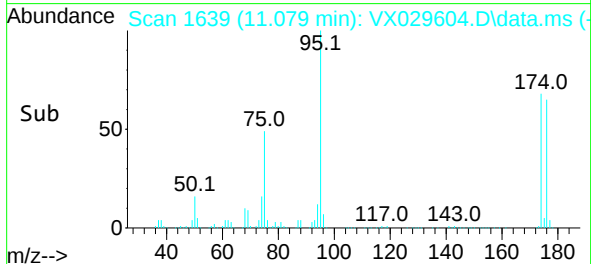
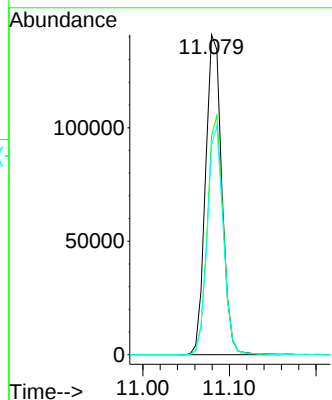
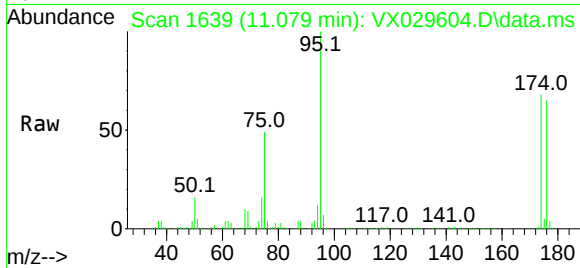




#62
4-Bromofluorobenzene
Concen: 44.461 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

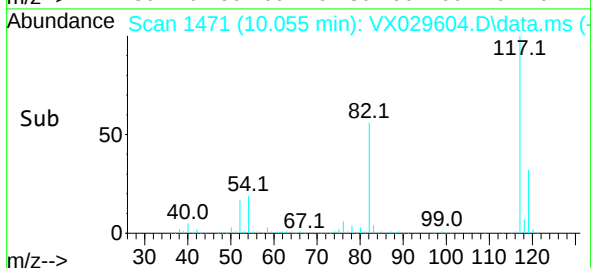
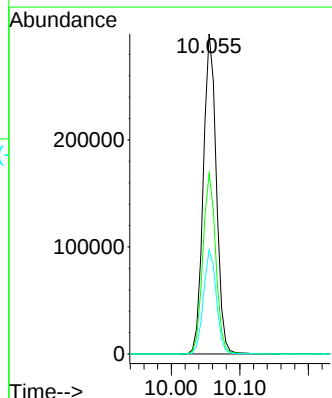
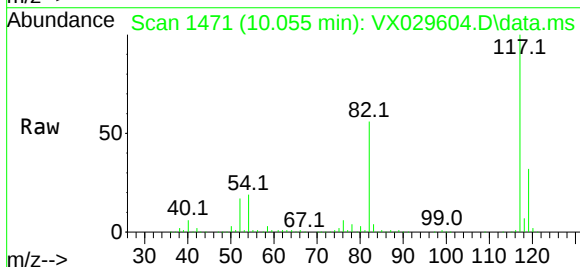
Instrument :
MSVOA_X
ClientSampleId :
SW-2

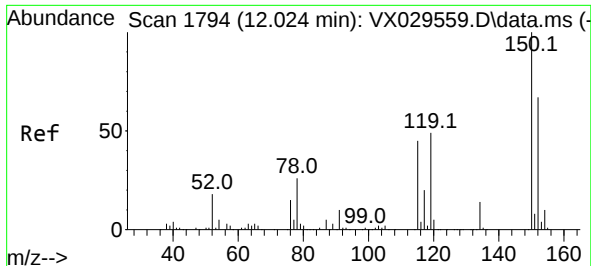
Tgt Ion: 95 Resp: 183908
Ion Ratio Lower Upper
95 100
174 73.2 0.0 163.0
176 70.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Tgt Ion: 117 Resp: 397445
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.5 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029604.D

Acq: 19 Jun 2022 05:23

Instrument :

MSVOA_X

ClientSampleId :

SW-2

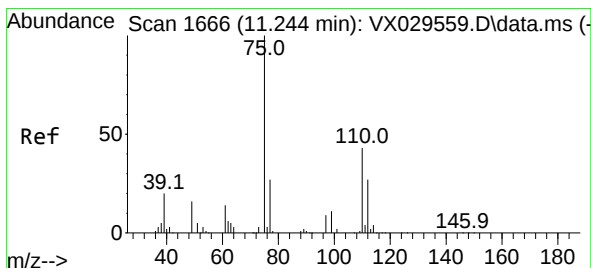
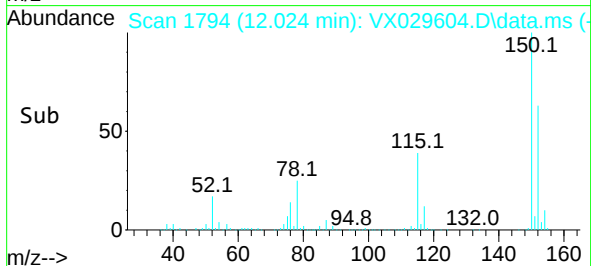
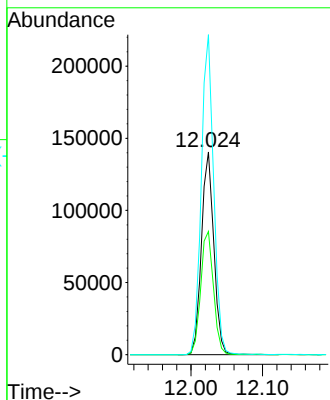
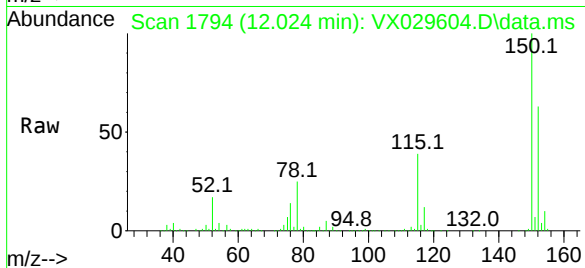
Tgt Ion:152 Resp: 169133

Ion Ratio Lower Upper

152 100

115 62.6 37.5 112.7

150 157.3 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 23.718 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX029604.D

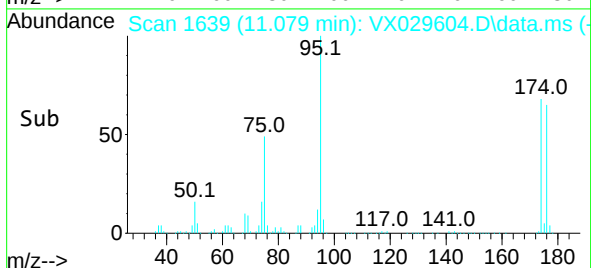
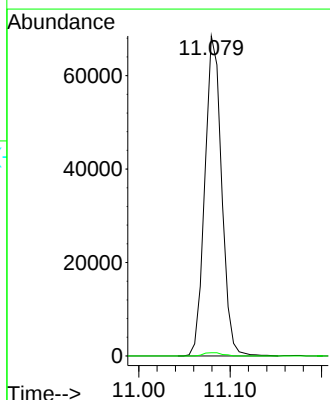
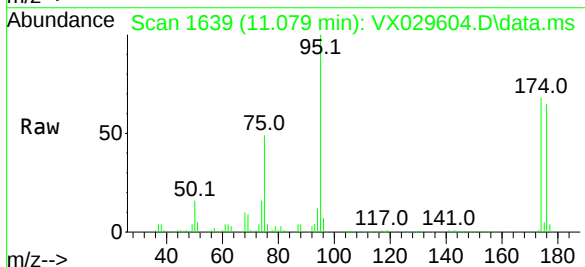
Acq: 19 Jun 2022 05:23

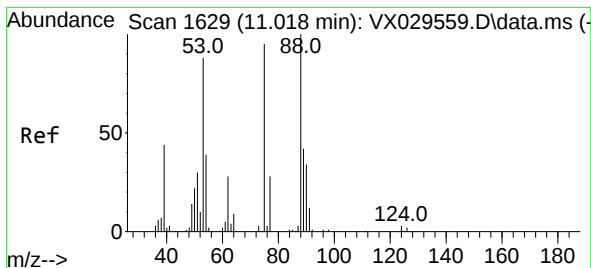
Tgt Ion: 75 Resp: 87392

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#

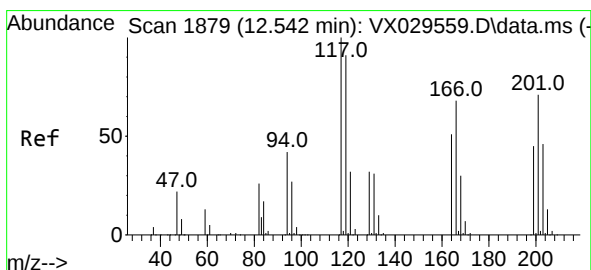
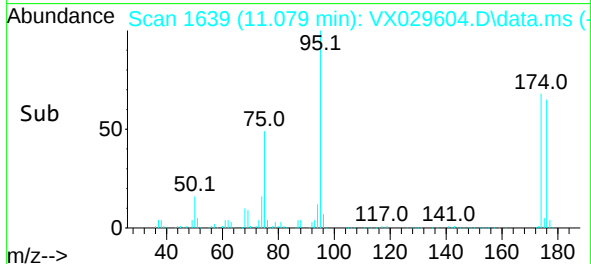
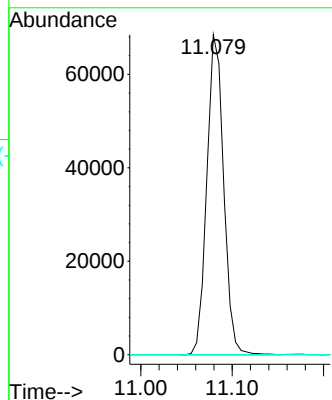
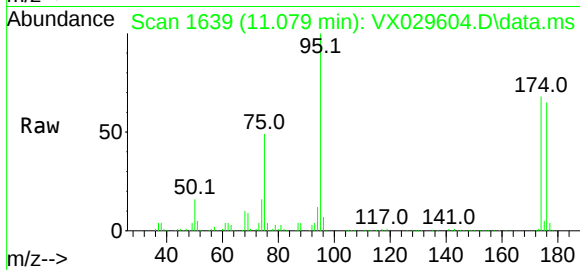




#81
trans-1,4-Dichloro-2-butene
Concen: 78.905 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Instrument :
MSVOA_X
ClientSampleId :
SW-2

Tgt Ion: 75 Resp: 87392
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.316 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX029604.D
Acq: 19 Jun 2022 05:23

Tgt Ion: 117 Resp: 489
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

