

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030238.D
 Acq On : 27 Jul 2022 17:48
 Operator : JC/MD
 Sample : N3898-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61422-B

Quant Time: Jul 28 05:52:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

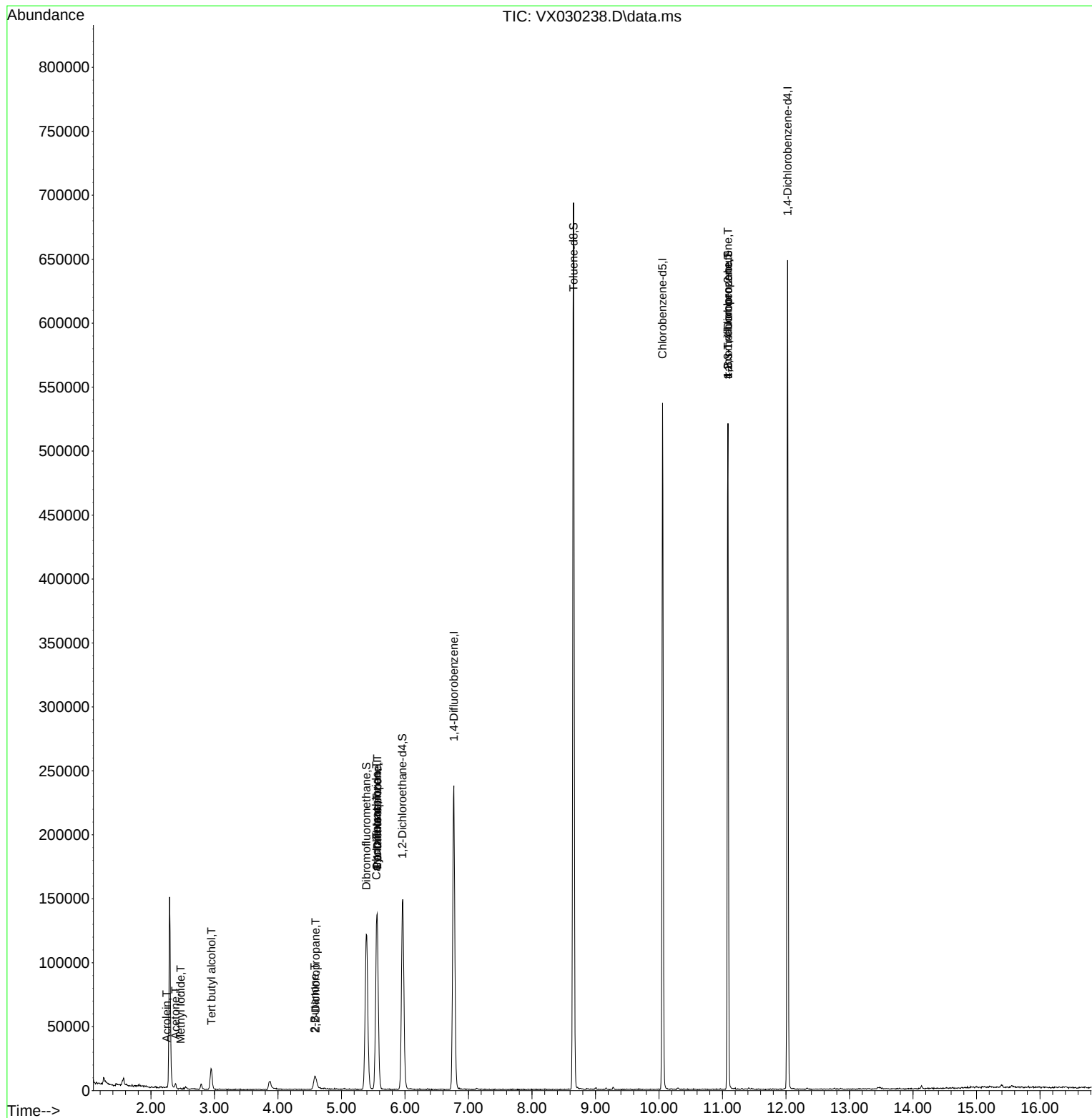
Internal Standards						
1) Pentafluorobenzene	5.562	168	127846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139200	54.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.340%	
35) Dibromofluoromethane	5.391	113	109576	49.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.980%	
50) Toluene-d8	8.653	98	401380	47.280	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.560%	
62) 4-Bromofluorobenzene	11.086	95	141561	44.931	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	297	Below Cal	#	73
10) Methyl Iodide	2.465	142	346	1.693	ug/l #	86
11) Tert butyl alcohol	2.953	59	9422	15.032	ug/l #	76
13) Acrolein	2.246	56	728	4.725	ug/l	98
16) Acetone	2.386	43	3683	2.800	ug/l	99
20) Methylene Chloride	2.794	84	1882	Below Cal	#	78
25) 2-Butanone	4.574	43	760	0.344	ug/l #	48
26) 2,2-Dichloropropane	4.593	77	778	0.260	ug/l #	49
31) Cyclohexane	5.556	56	3624	0.971	ug/l #	34
36) 1,1-Dichloropropene	5.562	75	11248	3.565	ug/l #	48
38) Carbon Tetrachloride	5.550	117	13362	4.537	ug/l #	19
67) Ethyl Benzene	10.195	91	302	Below Cal	#	83
76) 1,2,3-Trichloropropane	11.086	75	71137	21.500	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	71137	64.499	ug/l #	13

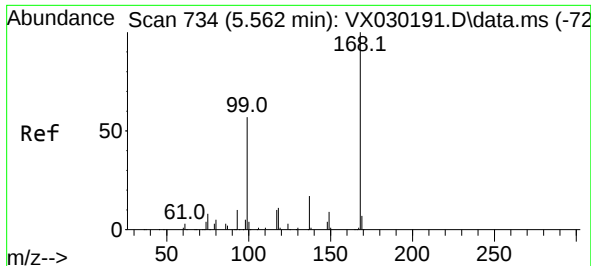
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

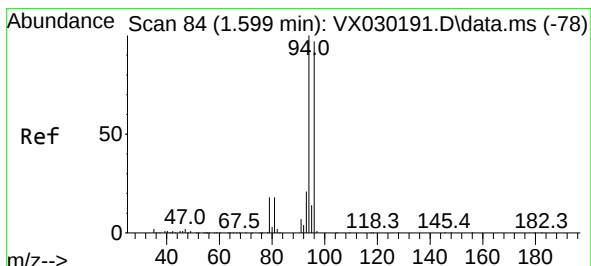
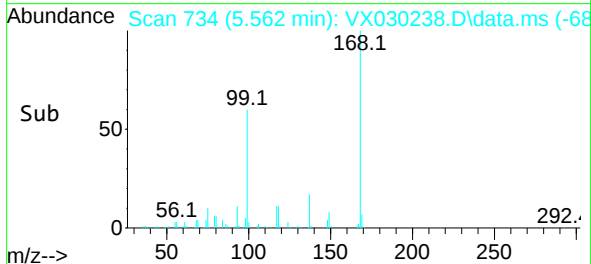
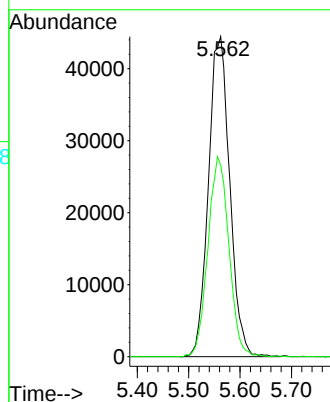
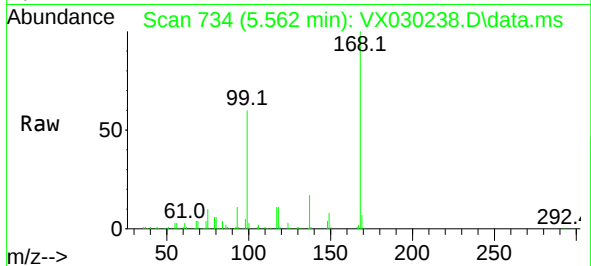
Instrument :

MSVOA_X

ClientSampleId :

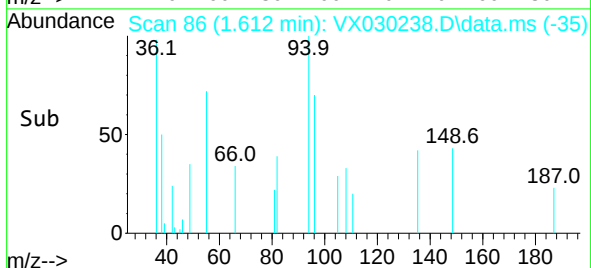
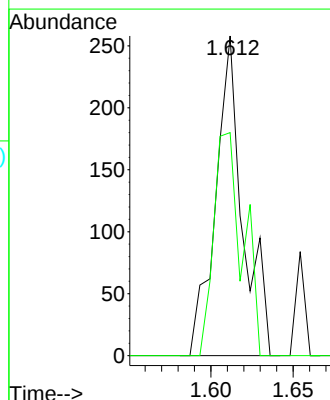
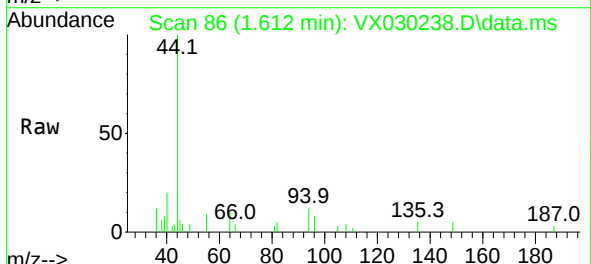
61422-B

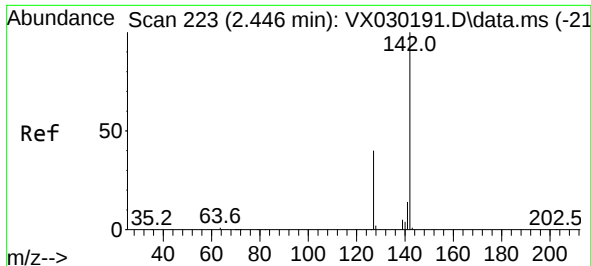
Tgt Ion:168 Resp: 127846
Ion Ratio Lower Upper
168 100
99 59.8 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 69.8 76.9 115.3#

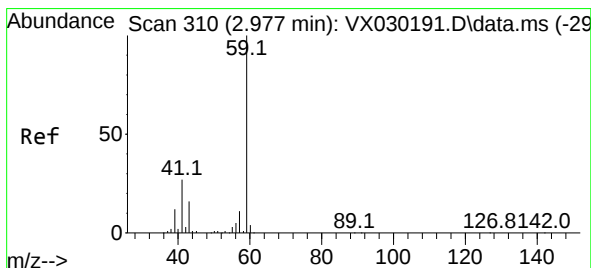
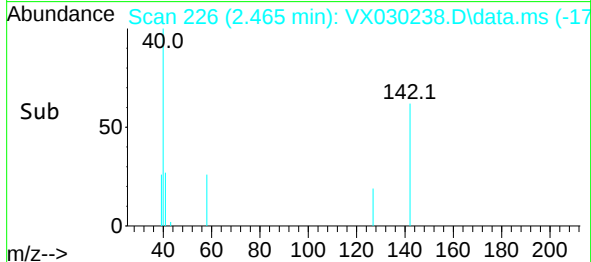
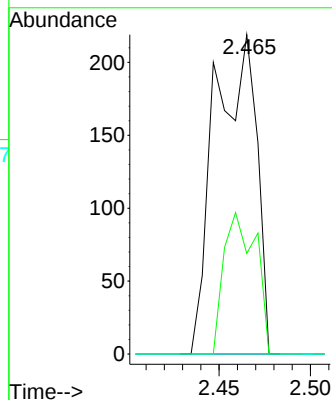
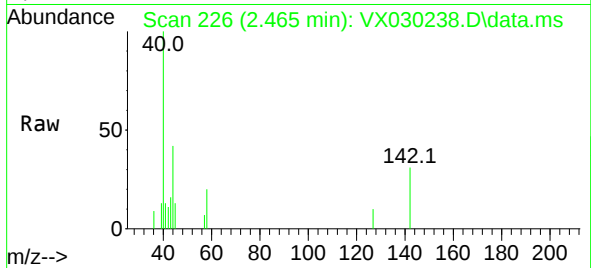




#10
Methyl Iodide
Concen: 1.693 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

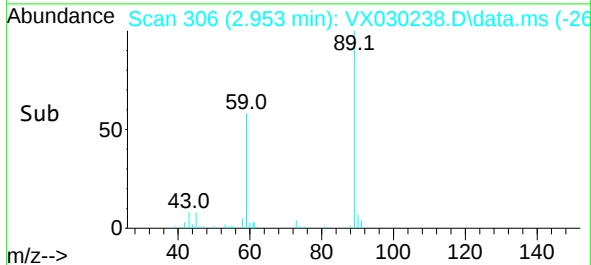
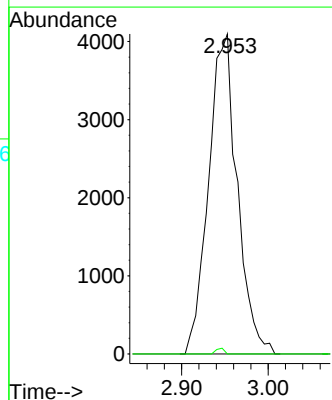
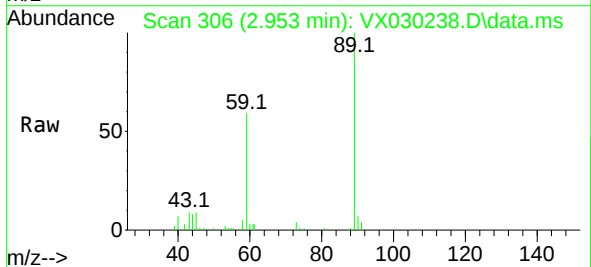
Instrument :
MSVOA_X
ClientSampleId :
61422-B

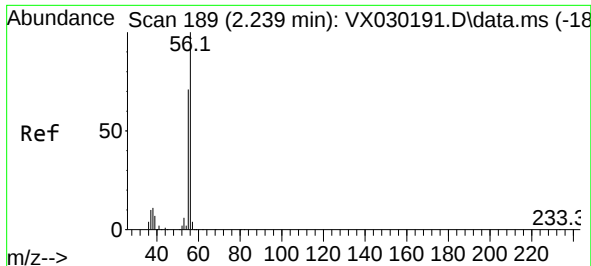
Tgt Ion:142 Resp: 346
Ion Ratio Lower Upper
142 100
127 34.1 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 15.032 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

Tgt Ion: 59 Resp: 9422
Ion Ratio Lower Upper
59 100
57 0.5 7.4 11.2#

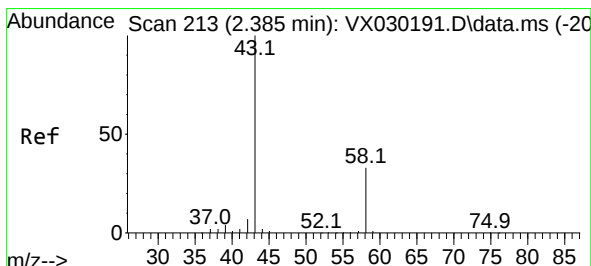
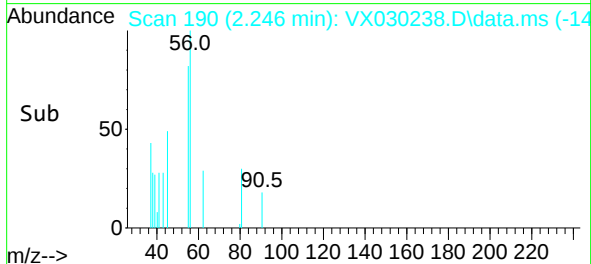
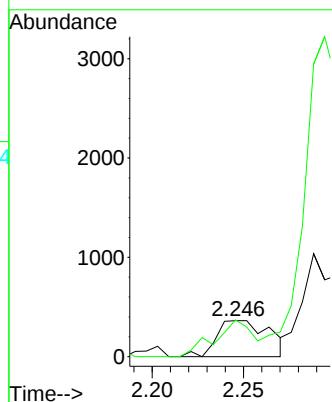
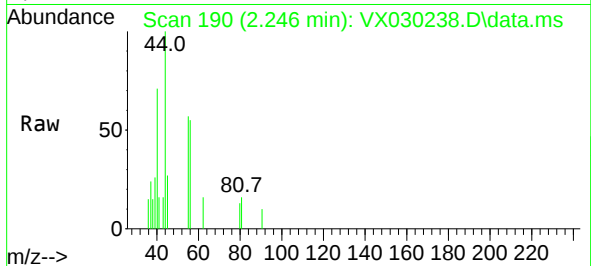




#13
Acrolein
Concen: 4.725 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

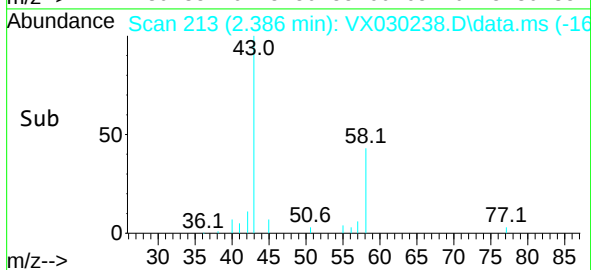
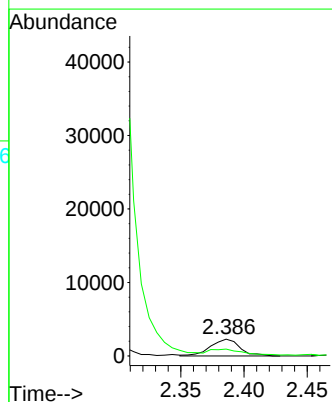
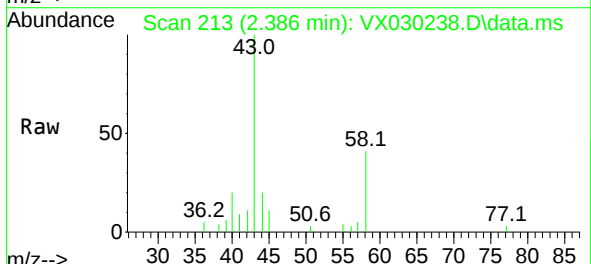
Instrument :
MSVOA_X
ClientSampleId :
61422-B

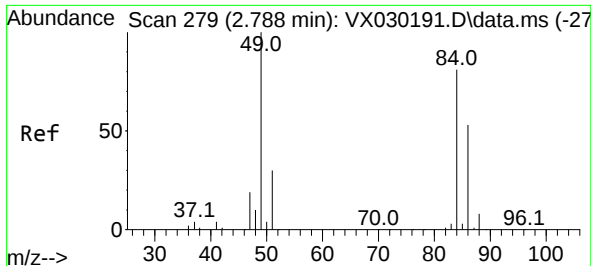
Tgt Ion: 56 Resp: 728
Ion Ratio Lower Upper
56 100
55 72.7 56.6 84.8



#16
Acetone
Concen: 2.800 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

Tgt Ion: 43 Resp: 3683
Ion Ratio Lower Upper
43 100
58 35.0 27.7 41.5

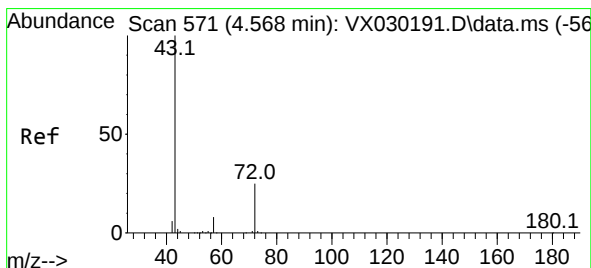
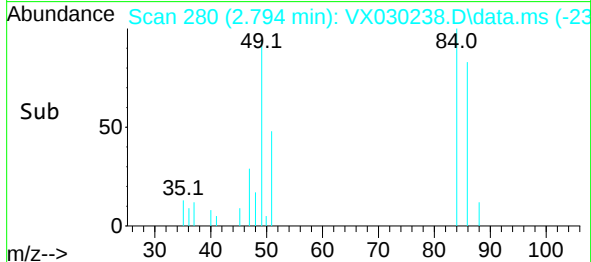
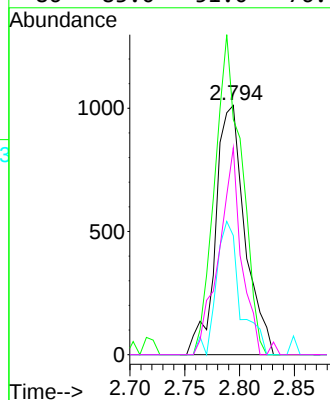
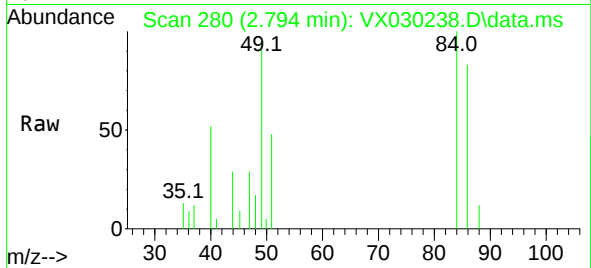




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

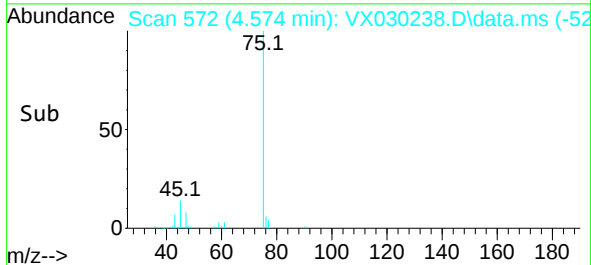
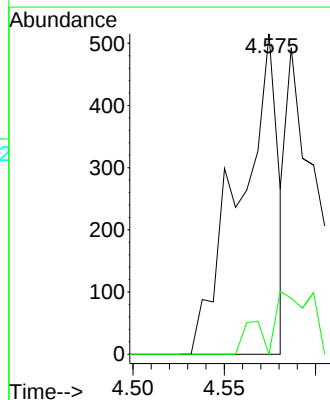
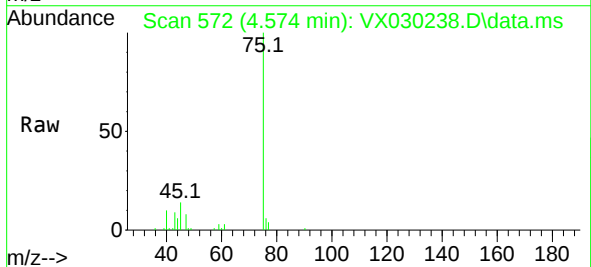
Instrument :
MSVOA_X
ClientSampleId :
61422-B

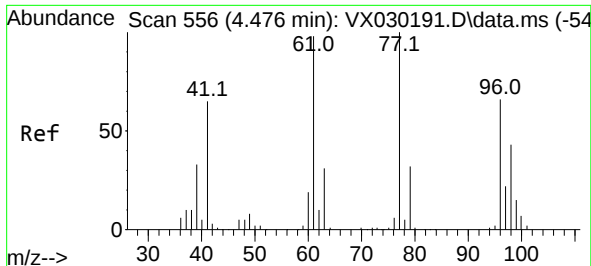
Tgt Ion: 84 Resp: 1882
Ion Ratio Lower Upper
84 100
49 94.4 93.8 140.6
51 47.7 29.4 44.0#
86 83.0 51.0 76.4#



#25
2-Butanone
Concen: 0.344 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 0.260 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.117 min

Lab File: VX030238.D

Acq: 27 Jul 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

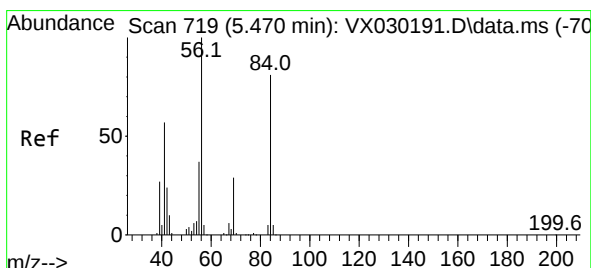
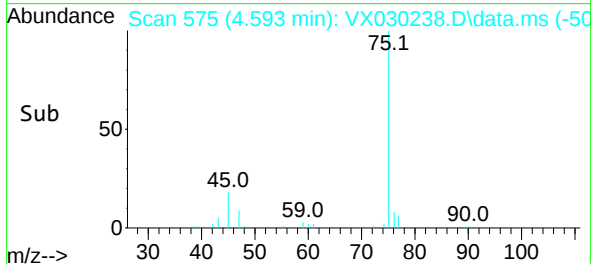
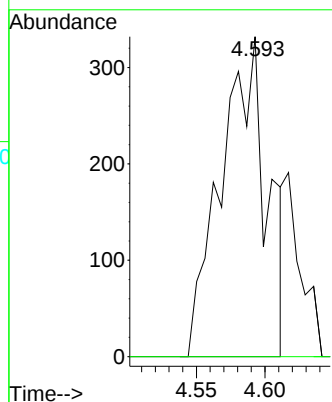
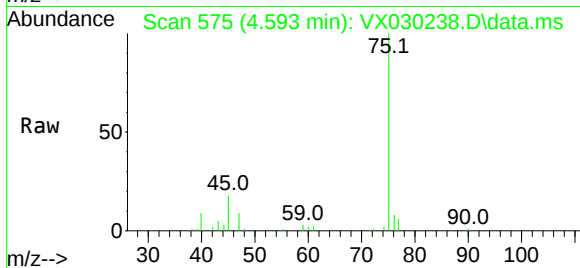
61422-B

Tgt Ion: 77 Resp: 778

Ion Ratio Lower Upper

77 100

97 0.0 13.0 39.0#



#31

Cyclohexane

Concen: 0.971 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX030238.D

Acq: 27 Jul 2022 17:48

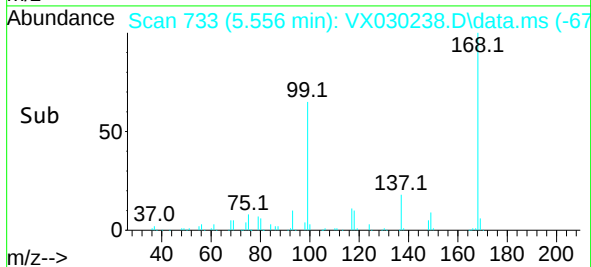
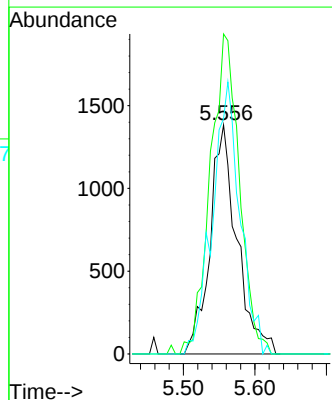
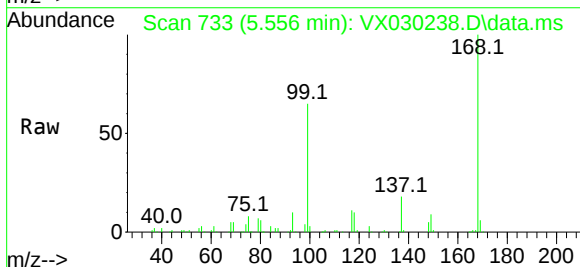
Tgt Ion: 56 Resp: 3624

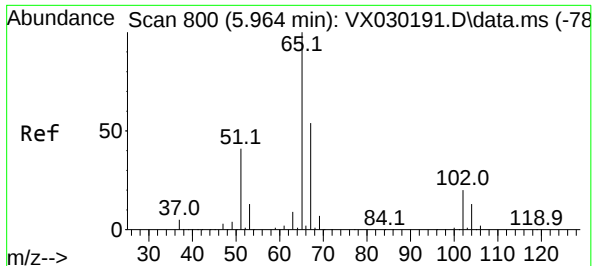
Ion Ratio Lower Upper

56 100

69 139.8 25.4 38.0#

84 102.8 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 54.171 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030238.D

Acq: 27 Jul 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

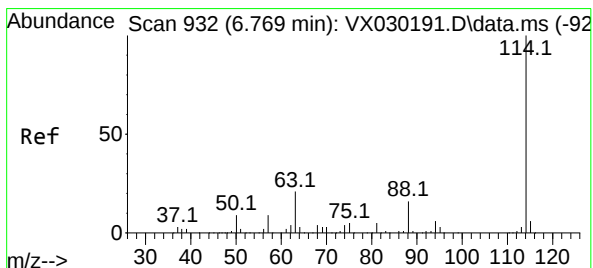
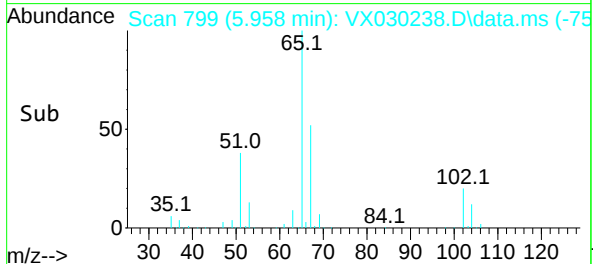
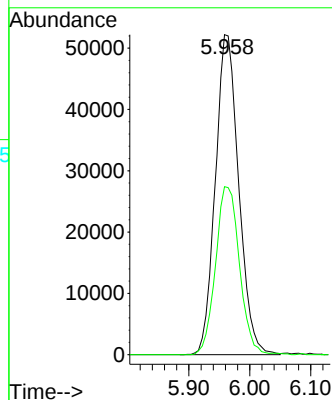
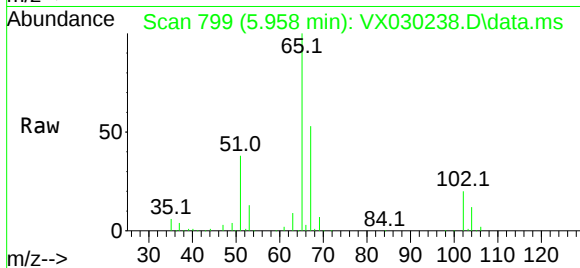
61422-B

Tgt Ion: 65 Resp: 139200

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030238.D

Acq: 27 Jul 2022 17:48

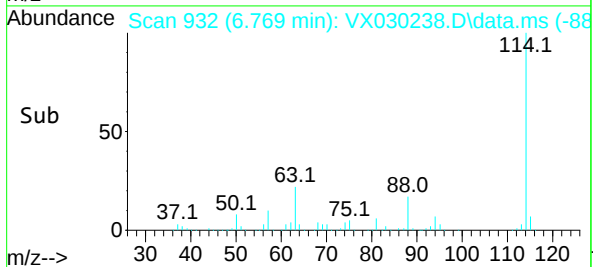
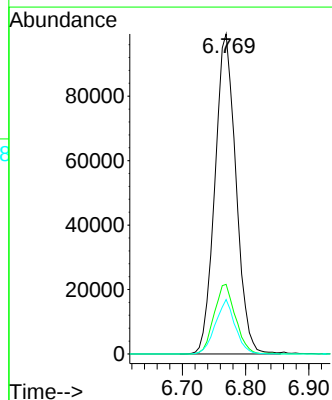
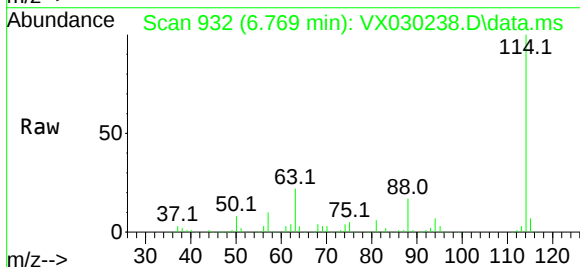
Tgt Ion: 114 Resp: 229317

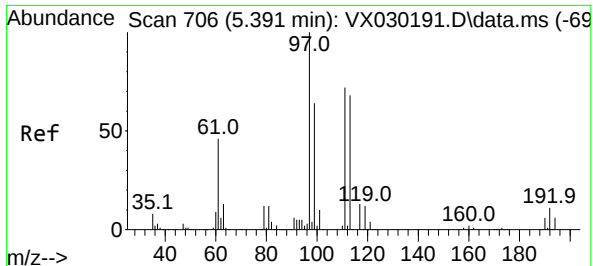
Ion Ratio Lower Upper

114 100

63 21.7 0.0 38.4

88 17.0 0.0 31.8

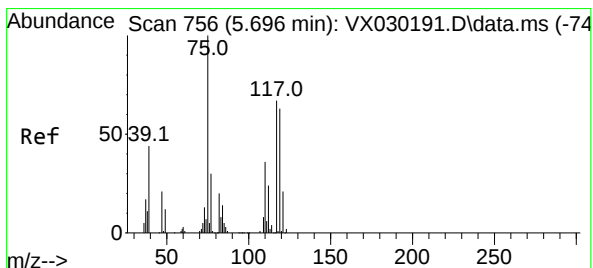
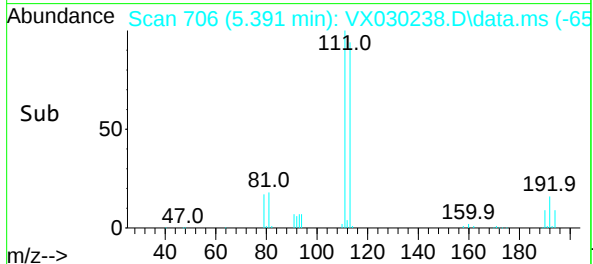
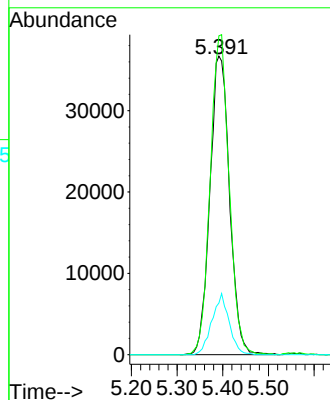
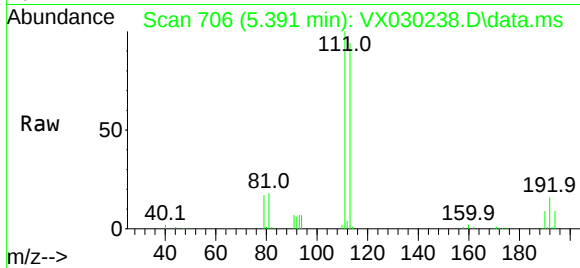




#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

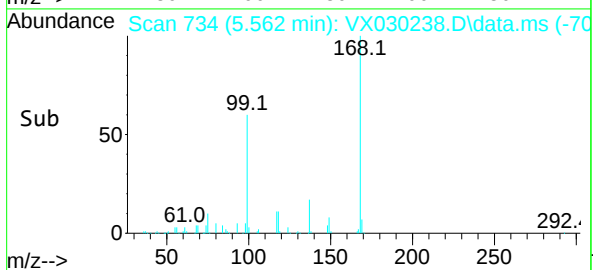
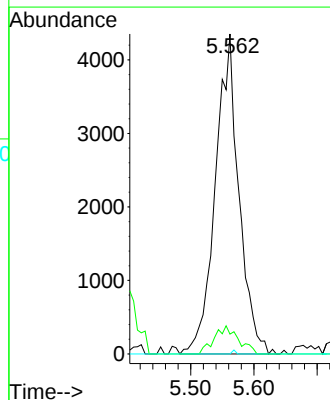
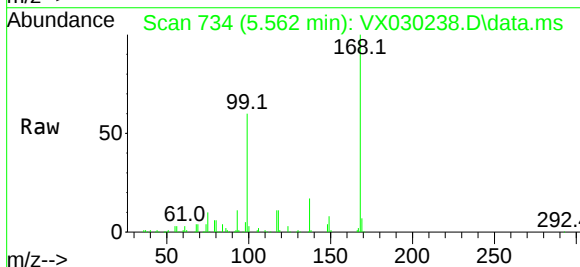
Instrument :
MSVOA_X
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61422-B

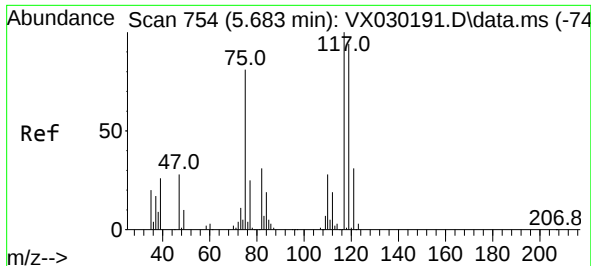
Tgt Ion:113 Resp: 109576
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.565 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

Tgt Ion: 75 Resp: 11248
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.2 24.4 36.6#

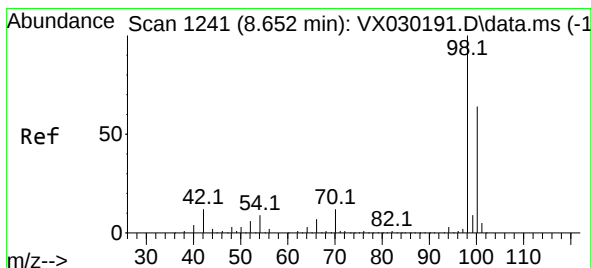
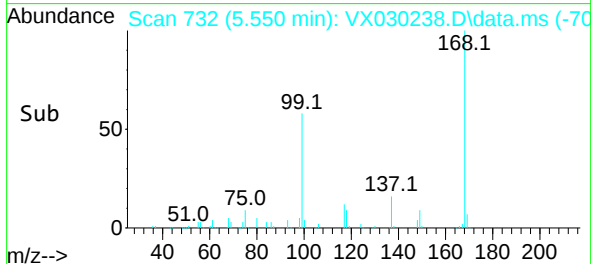
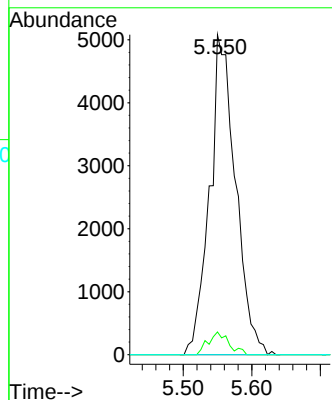
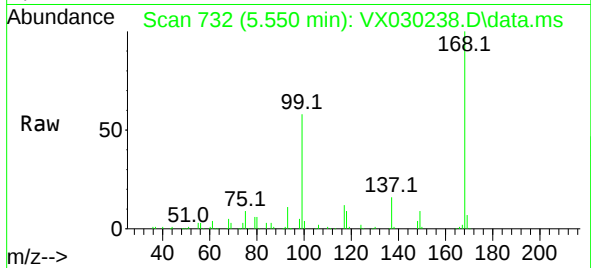




#38
Carbon Tetrachloride
Concen: 4.537 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

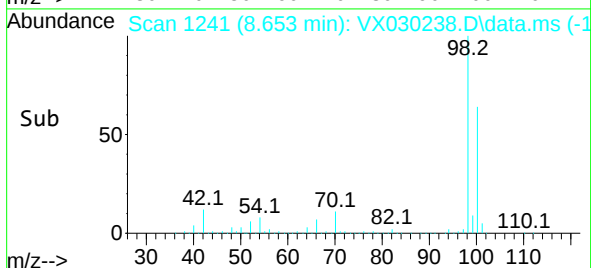
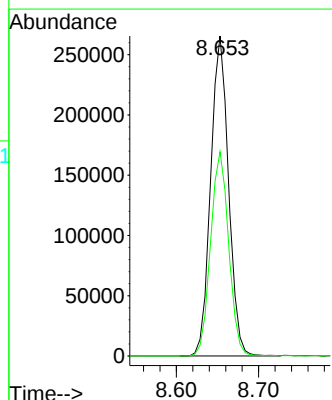
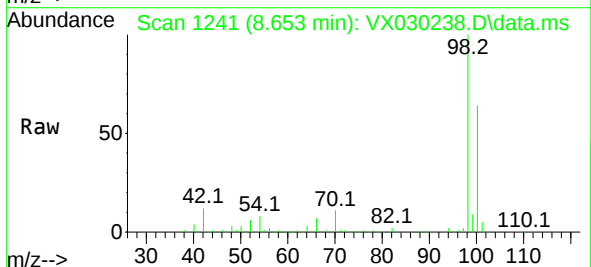
Instrument :
MSVOA_X
ClientSampleId :
61422-B

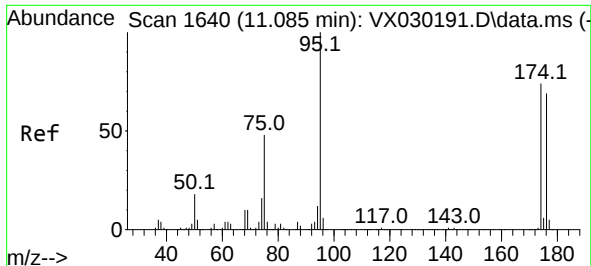
Tgt Ion:117 Resp: 13362
Ion Ratio Lower Upper
117 100
119 7.1 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 47.280 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

Tgt Ion: 98 Resp: 401380
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

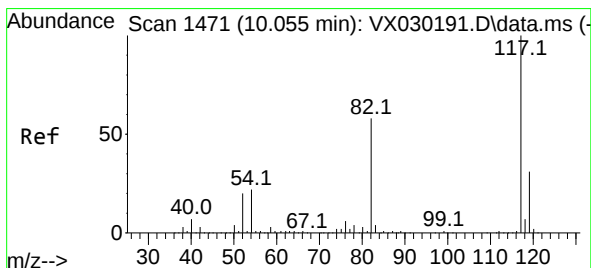
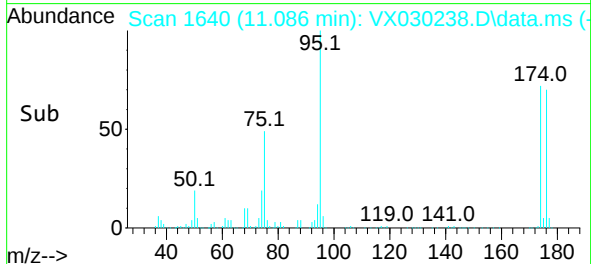
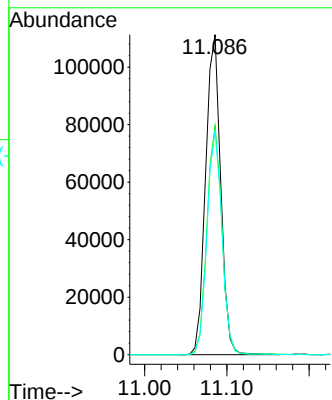
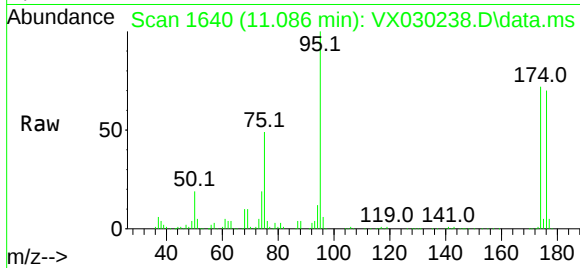




#62
4-Bromofluorobenzene
Concen: 44.931 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

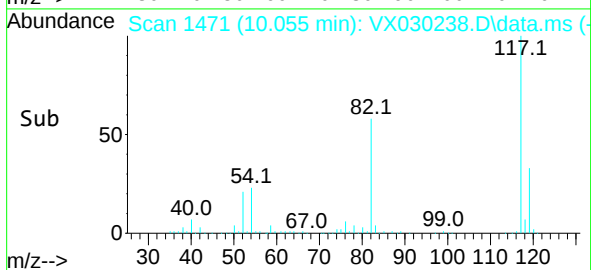
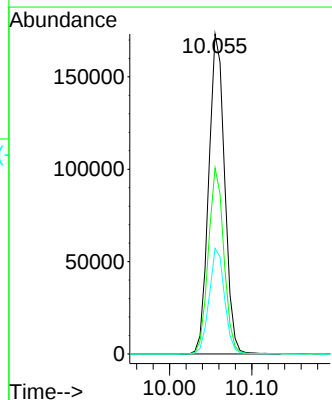
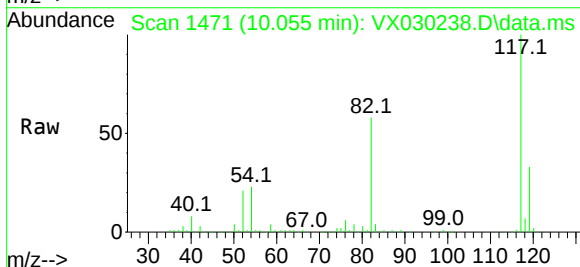
Instrument :
MSVOA_X
ClientSampleId :
61422-B

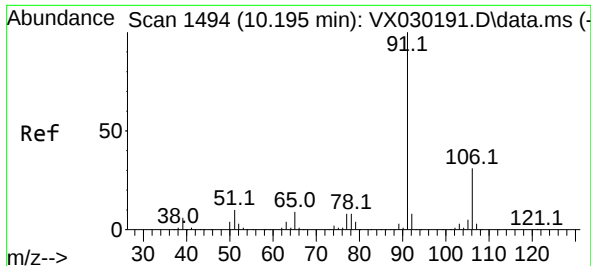
Tgt Ion: 95 Resp: 141561
Ion Ratio Lower Upper
95 100
174 71.2 0.0 149.0
176 69.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

Tgt Ion: 117 Resp: 233260
Ion Ratio Lower Upper
117 100
82 58.1 42.7 64.1
119 33.0 25.4 38.2

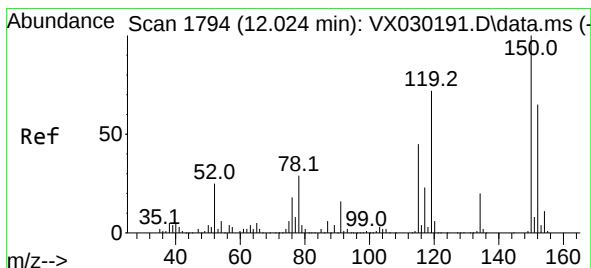
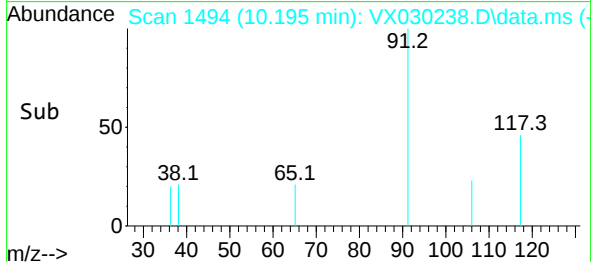
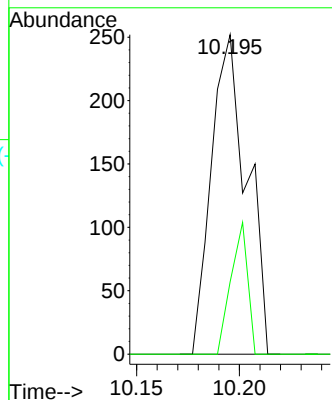
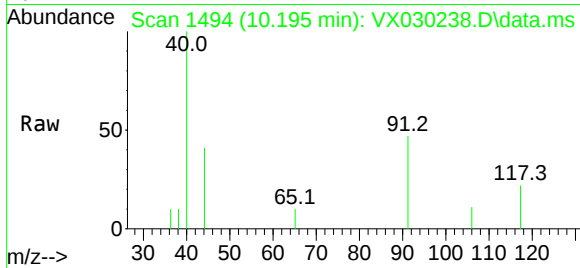




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

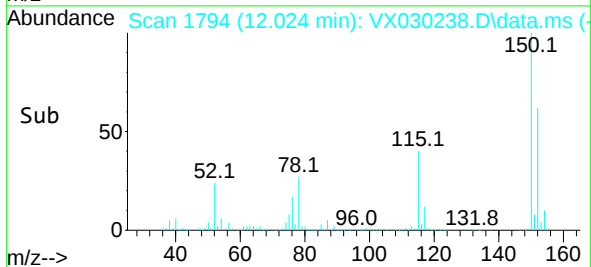
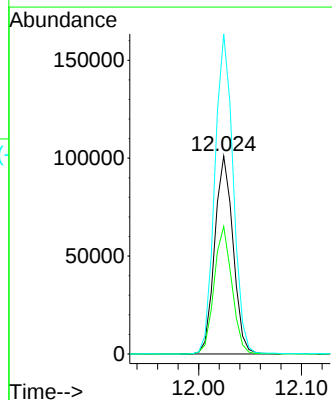
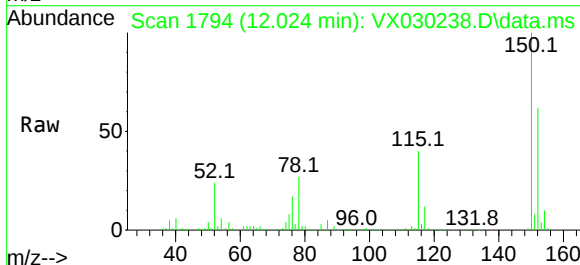
Instrument :
MSVOA_X
ClientSampleId :
61422-B

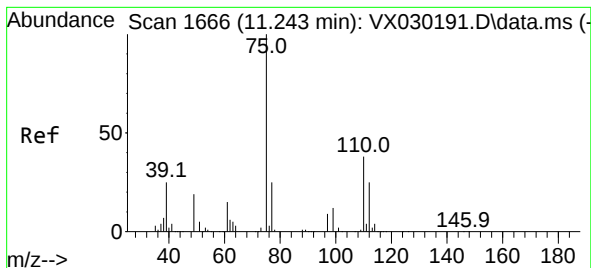
Tgt Ion: 91 Resp: 302
Ion Ratio Lower Upper
91 100
106 22.6 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030238.D
Acq: 27 Jul 2022 17:48

Tgt Ion:152 Resp: 125521
Ion Ratio Lower Upper
152 100
115 62.4 40.5 121.5
150 161.4 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 21.500 ug/l

RT: 11.086 min Scan# 1

Delta R.T. -0.157 min

Lab File: VX030238.D

Acq: 27 Jul 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

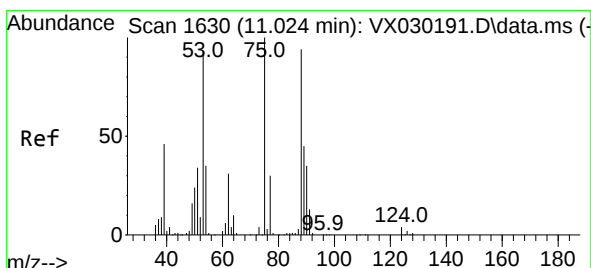
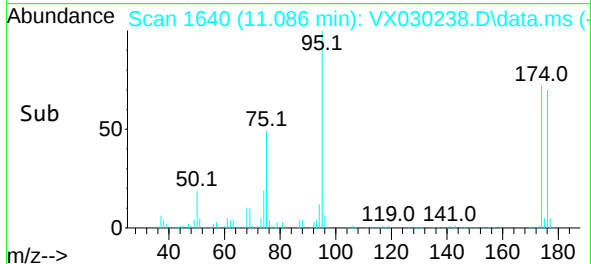
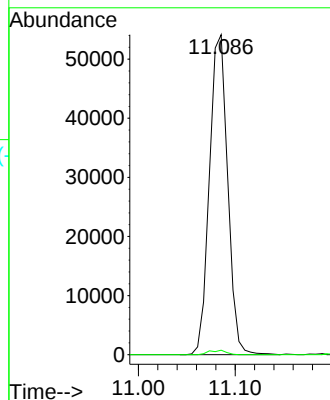
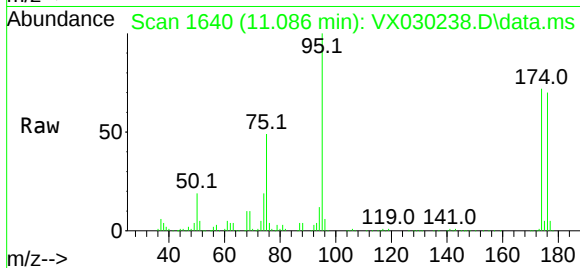
61422-B

Tgt Ion: 75 Resp: 71137

Ion Ratio Lower Upper

75 100

77 1.3 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.499 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.062 min

Lab File: VX030238.D

Acq: 27 Jul 2022 17:48

Tgt Ion: 75 Resp: 71137

Ion Ratio Lower Upper

75 100

53 0.1 74.2 111.4#

89 0.0 34.8 52.2#

