

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030240.D
 Acq On : 27 Jul 2022 18:35
 Operator : JC/MD
 Sample : N3898-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 62422

Quant Time: Jul 28 05:52:48 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)

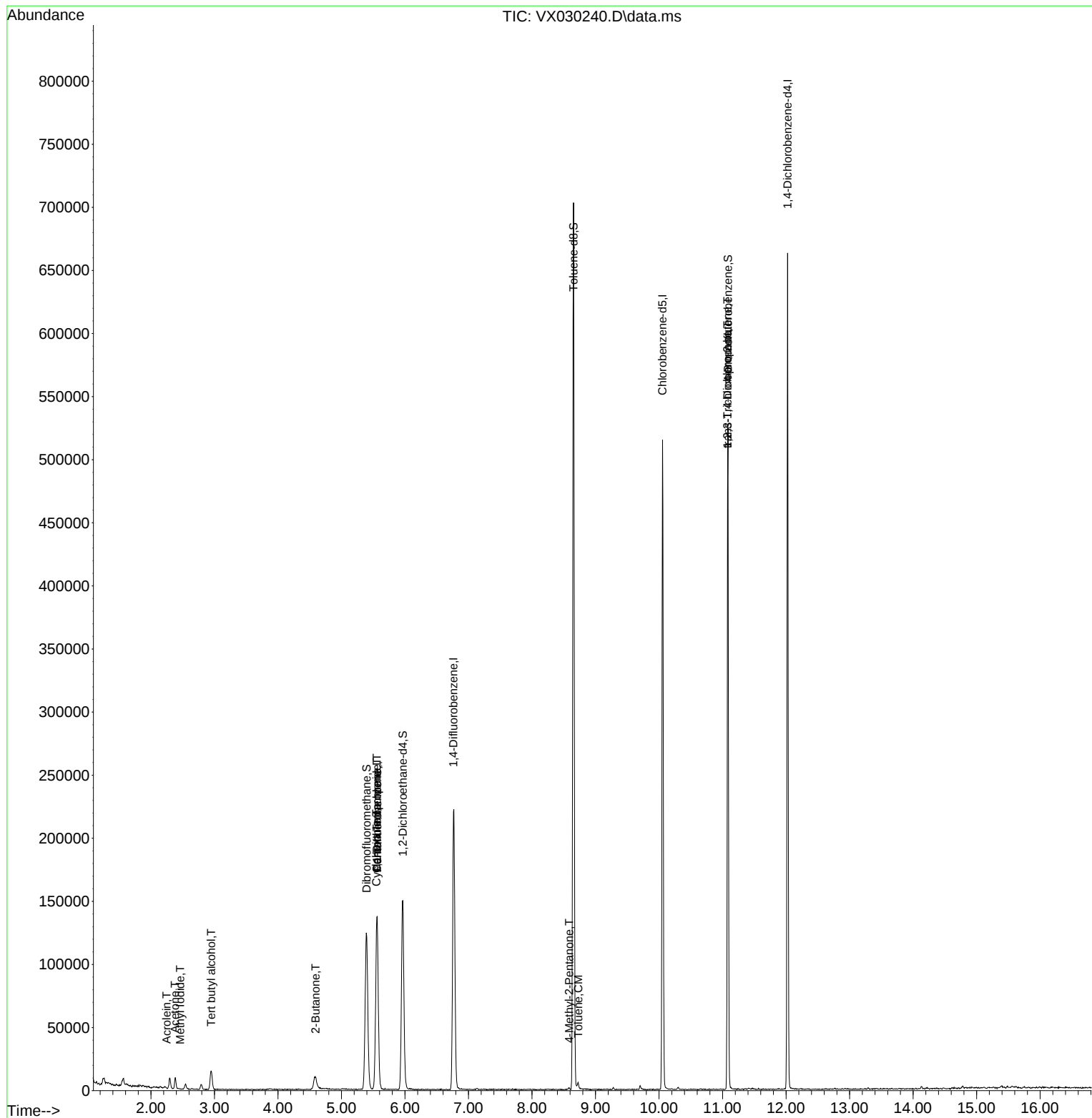
Internal Standards						
1) Pentafluorobenzene	5.562	168	126976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142209	55.721	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.440%	
35) Dibromofluoromethane	5.397	113	111797	51.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.940%	
50) Toluene-d8	8.653	98	413485	49.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	11.085	95	142071	45.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	251	Below Cal	#	78
10) Methyl Iodide	2.459	142	287	1.666	ug/l #	75
11) Tert butyl alcohol	2.946	59	9506	15.270	ug/l #	80
13) Acrolein	2.245	56	70	0.457	ug/l #	54
16) Acetone	2.379	43	9472	7.249	ug/l #	87
20) Methylene Chloride	2.794	84	1696	Below Cal	#	85
25) 2-Butanone	4.593	43	1430	0.651	ug/l #	48
31) Cyclohexane	5.550	56	3147	0.849	ug/l #	42
36) 1,1-Dichloropropene	5.556	75	11486	3.674	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13176	4.515	ug/l #	19
51) 4-Methyl-2-Pentanone	8.586	43	982	0.223	ug/l #	82
52) Toluene	8.726	92	1627	0.271	ug/l	98
67) Ethyl Benzene	10.201	91	348	Below Cal	#	77
76) 1,2,3-Trichloropropane	11.079	75	71683	21.729	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71683	65.185	ug/l #	12

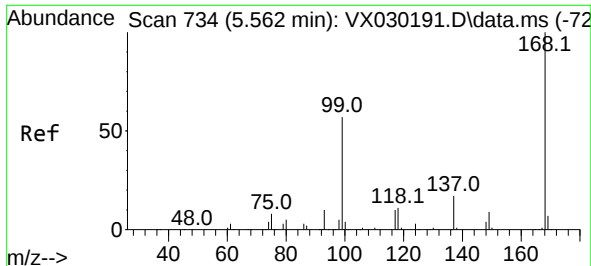
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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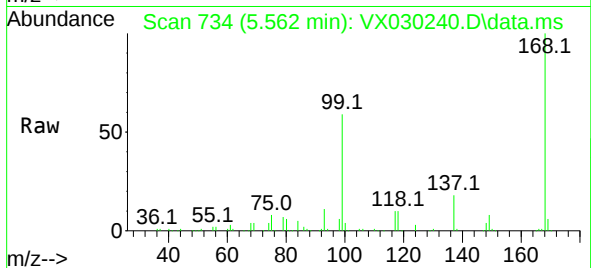
Quant Time: Jul 28 05:52:48 2022
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Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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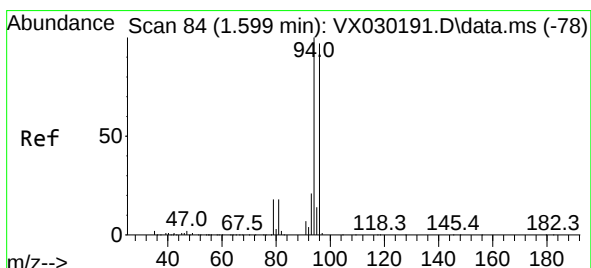
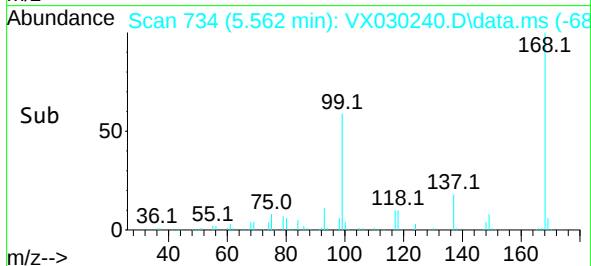
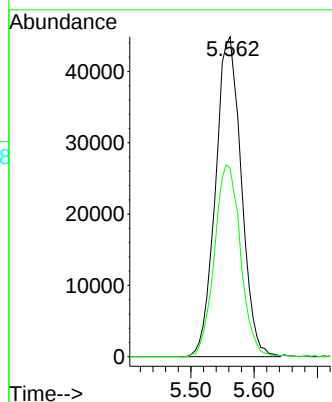


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
62422

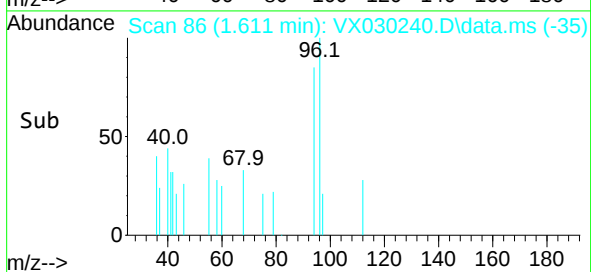
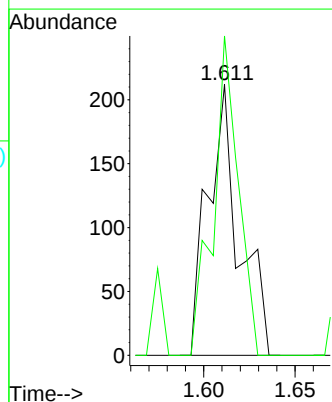
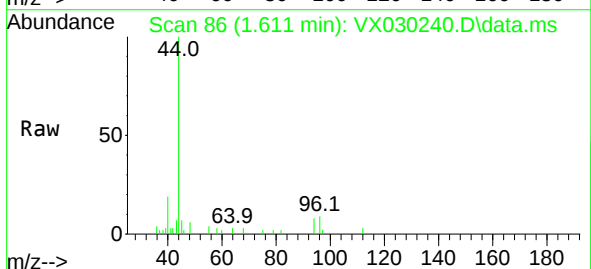


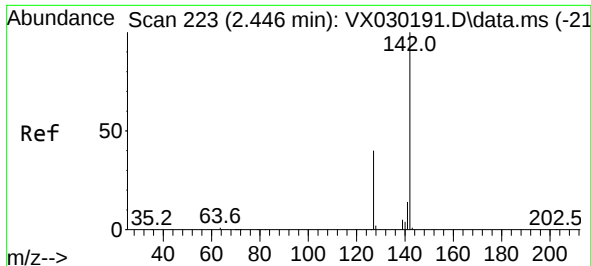
Tgt Ion:168 Resp: 126976
Ion Ratio Lower Upper
168 100
99 58.9 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Tgt Ion: 94 Resp: 251
Ion Ratio Lower Upper
94 100
96 117.9 76.9 115.3#

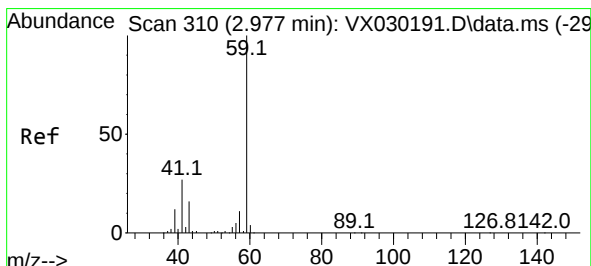
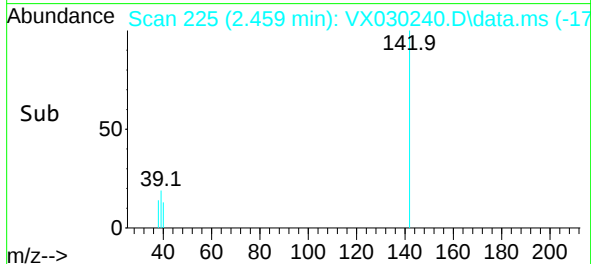
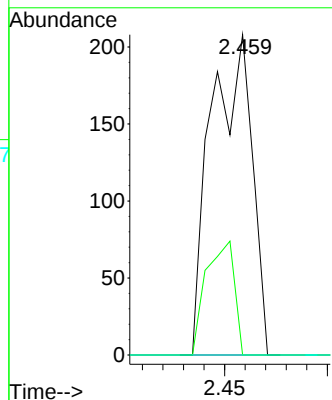
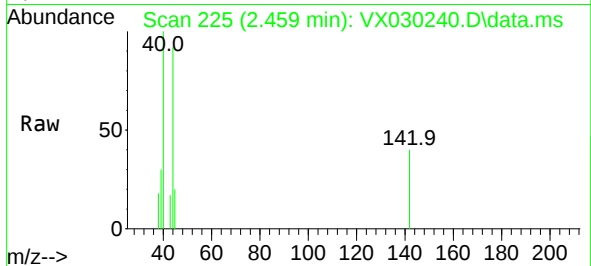




#10
Methyl Iodide
Concen: 1.666 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

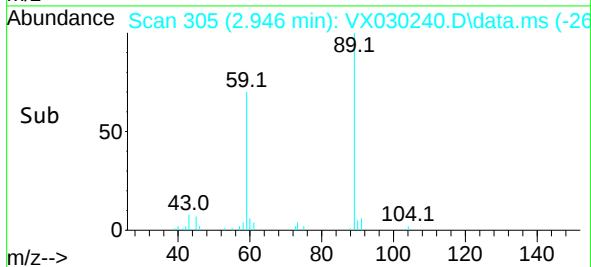
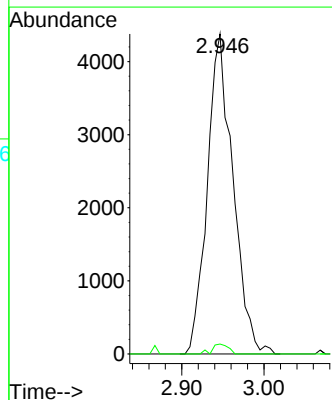
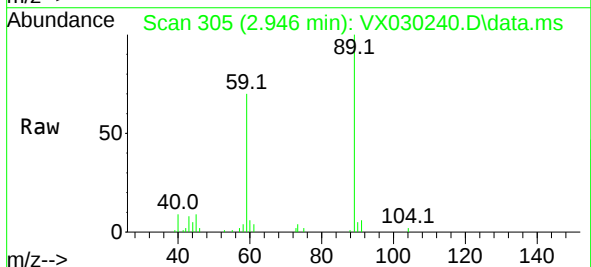
Instrument :
MSVOA_X
ClientSampleId :
62422

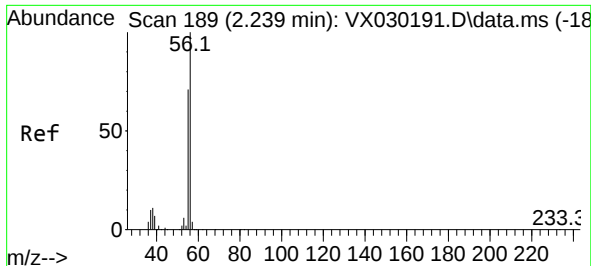
Tgt Ion:142 Resp: 287
Ion Ratio Lower Upper
142 100
127 24.7 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 15.270 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Tgt Ion: 59 Resp: 9506
Ion Ratio Lower Upper
59 100
57 1.9 7.4 11.2#

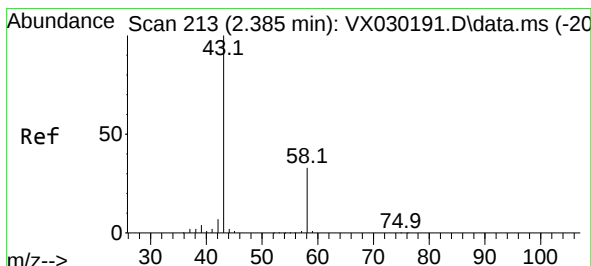
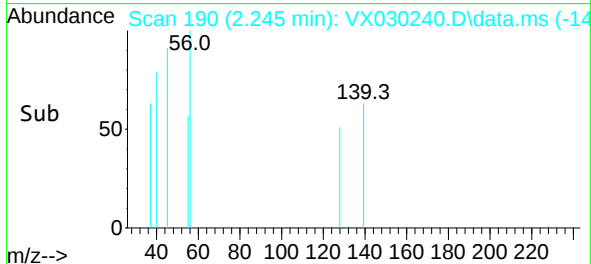
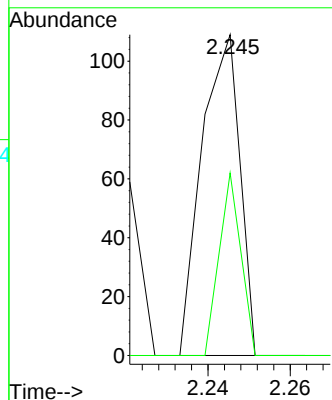
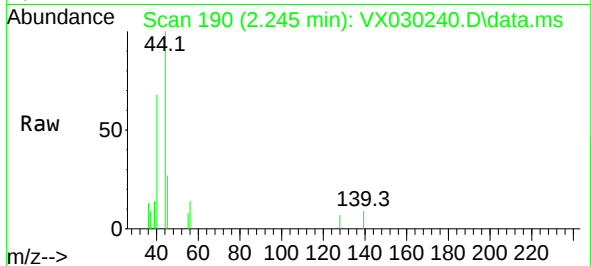




#13
Acrolein
Concen: 0.457 ug/l
RT: 2.245 min Scan# 19
Delta R.T. 0.006 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

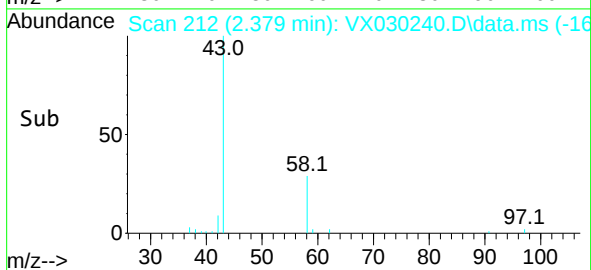
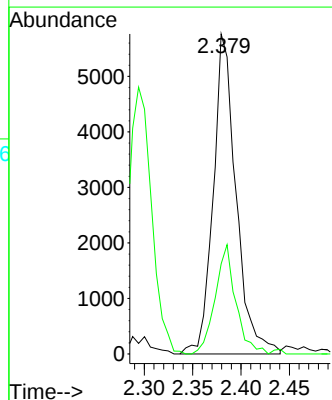
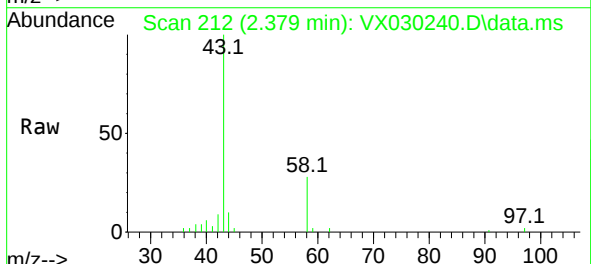
Instrument :
MSVOA_X
ClientSampleId :
62422

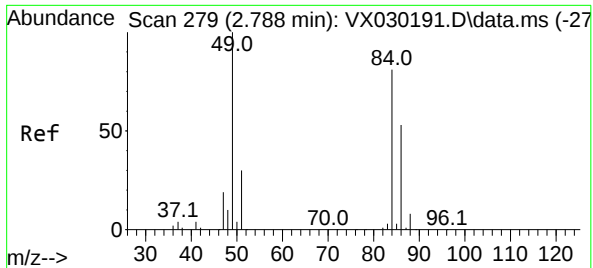
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 32.9 56.6 84.8#



#16
Acetone
Concen: 7.249 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Tgt Ion: 43 Resp: 9472
Ion Ratio Lower Upper
43 100
58 27.3 27.7 41.5#



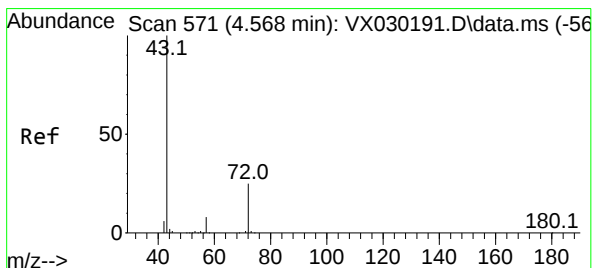
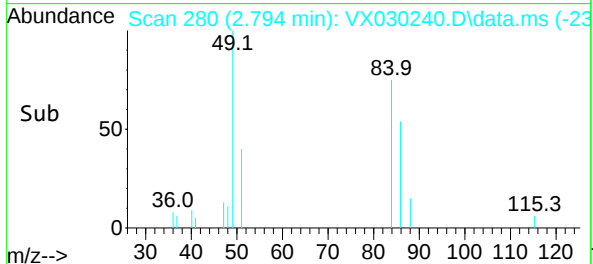
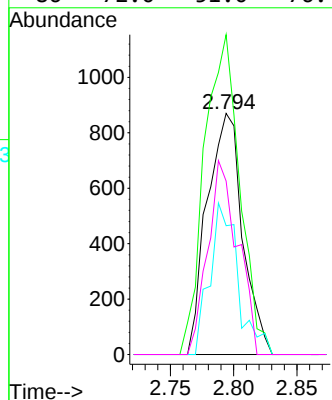
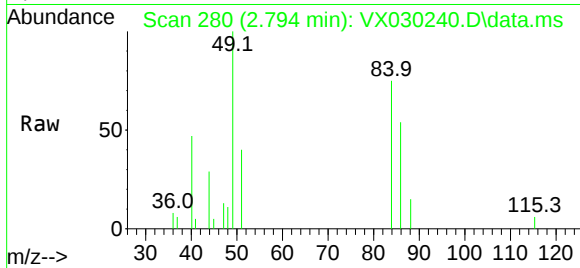


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
62422

Tgt Ion: 84 Resp: 1696

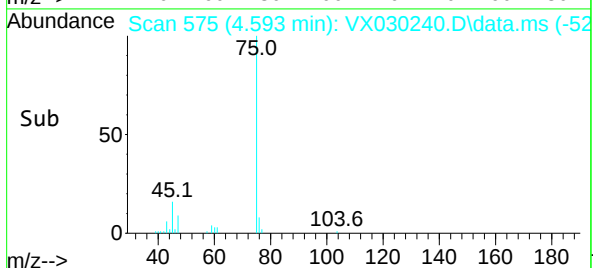
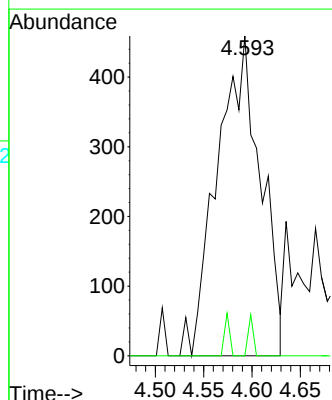
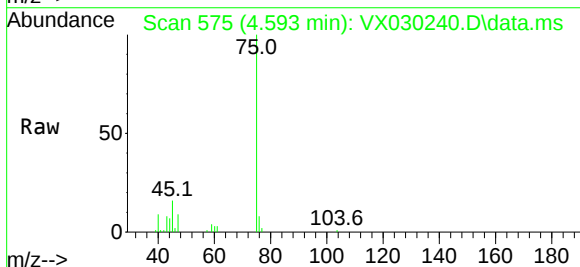
Ion	Ratio	Lower	Upper
84	100		
49	132.6	93.8	140.6
51	53.4	29.4	44.0
86	72.0	51.0	76.4

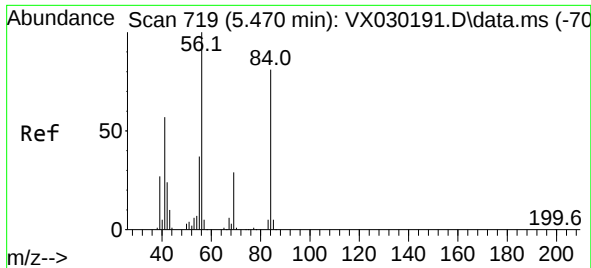


#25
2-Butanone
Concen: 0.651 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Tgt Ion: 43 Resp: 1430

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5

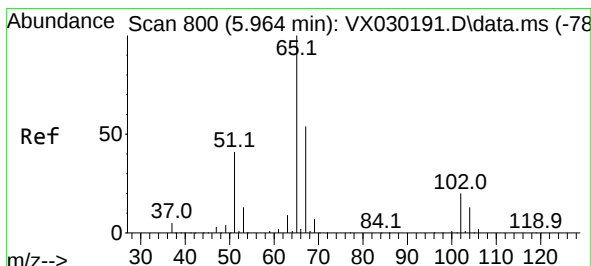
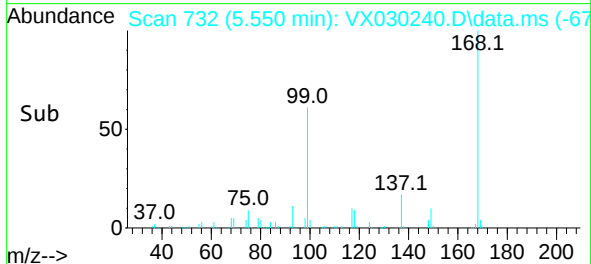
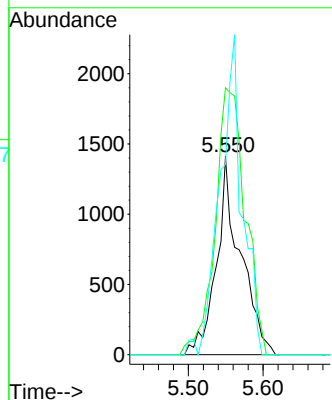
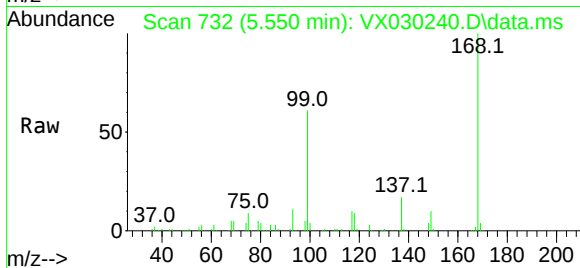




#31
Cyclohexane
Concen: 0.849 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

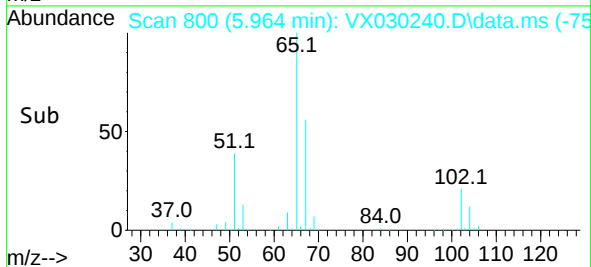
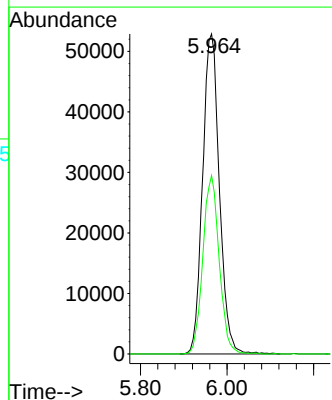
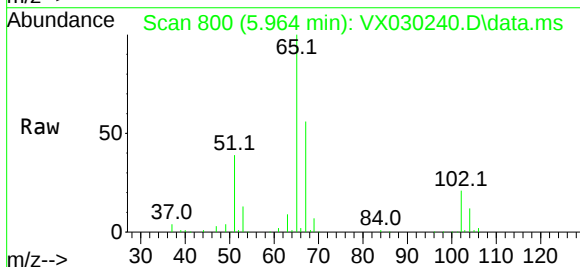
Instrument :
MSVOA_X
ClientSampleId :
62422

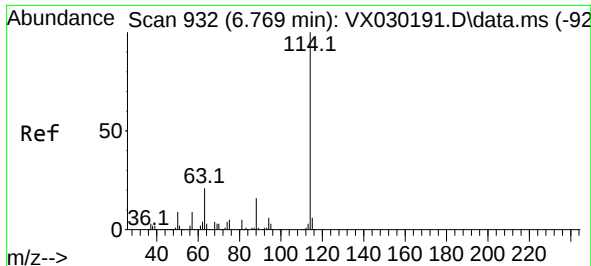
Tgt Ion: 56 Resp: 3147
Ion Ratio Lower Upper
56 100
69 134.7 25.4 38.0#
84 95.9 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 55.721 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Tgt Ion: 65 Resp: 142209
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

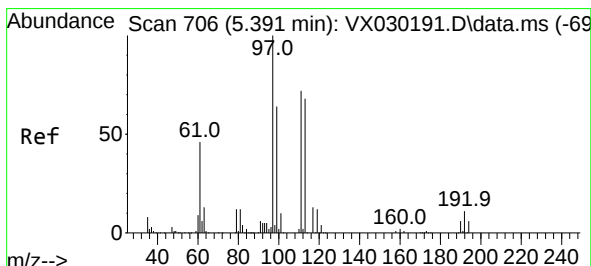
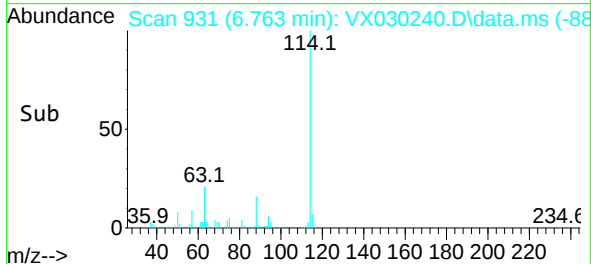
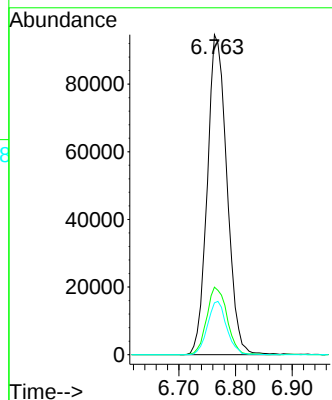
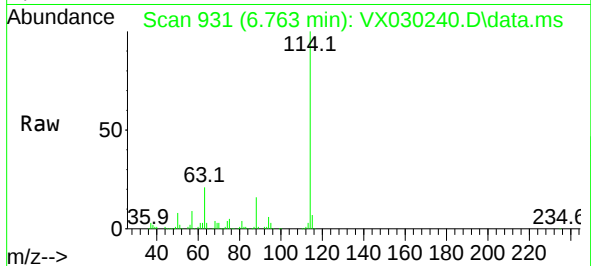




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

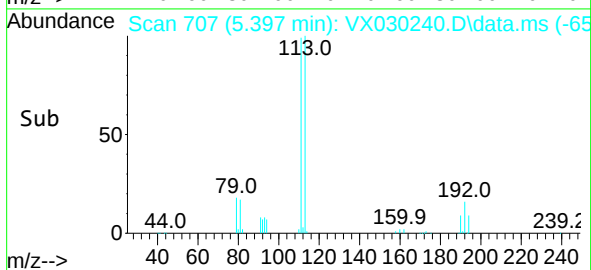
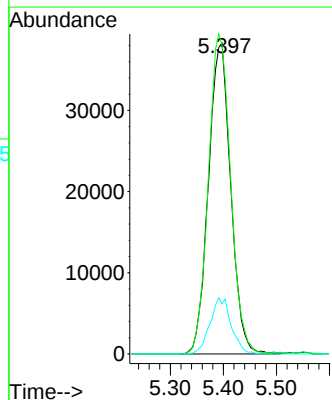
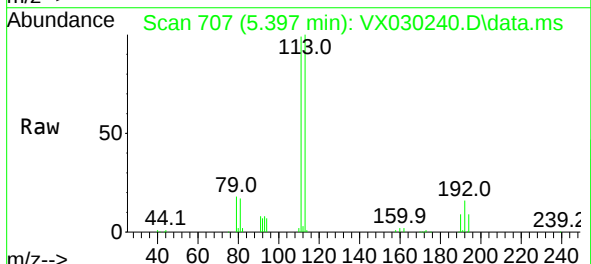
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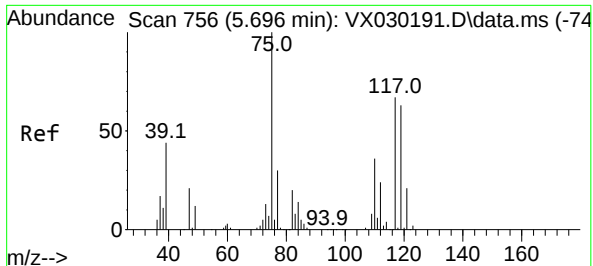
Tgt Ion:114 Resp: 227222
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.4
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.469 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Tgt Ion:113 Resp: 111797
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 17.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 3.674 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX030240.D

Acq: 27 Jul 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

62422

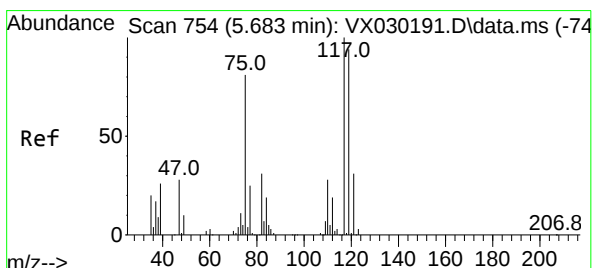
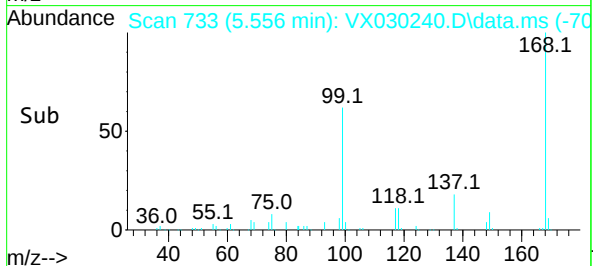
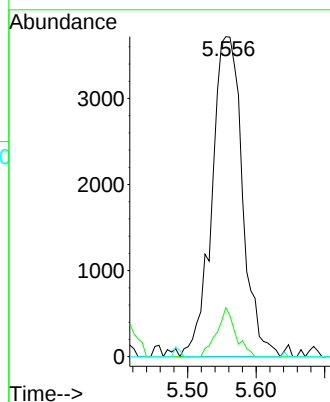
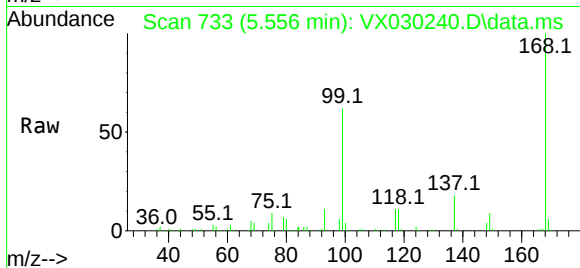
Tgt Ion: 75 Resp: 11486

Ion Ratio Lower Upper

75 100

110 9.5 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.515 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.127 min

Lab File: VX030240.D

Acq: 27 Jul 2022 18:35

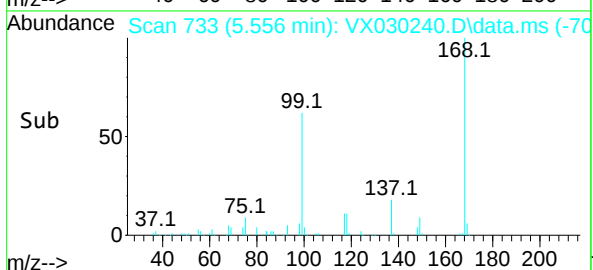
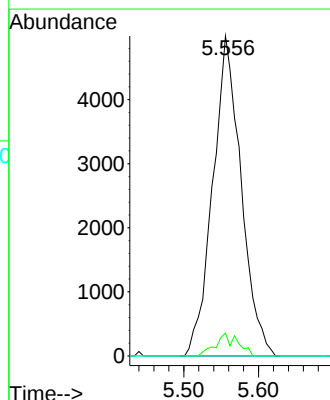
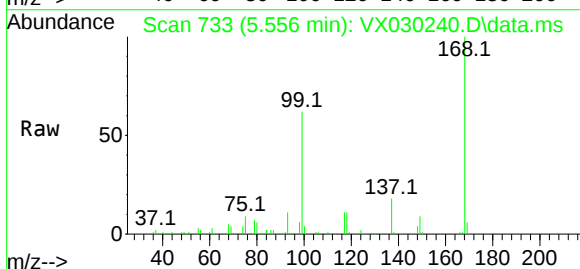
Tgt Ion: 117 Resp: 13176

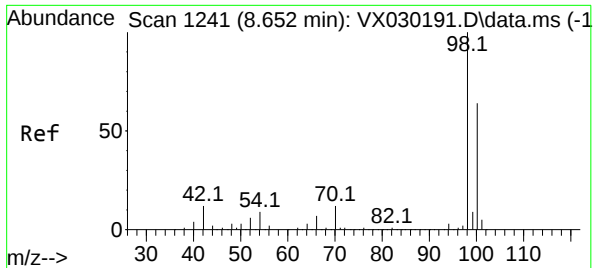
Ion Ratio Lower Upper

117 100

119 7.1 74.1 111.1#

121 0.0 25.8 38.8#

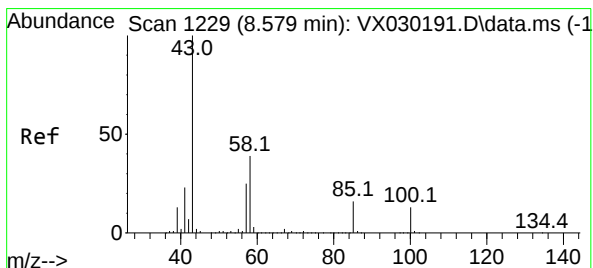
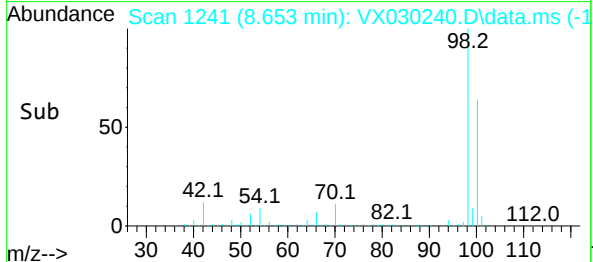
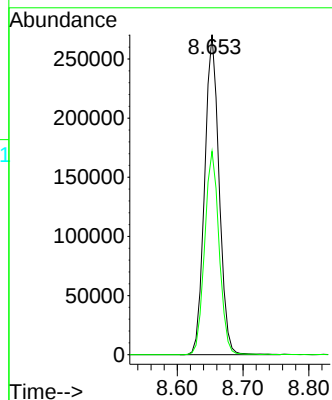
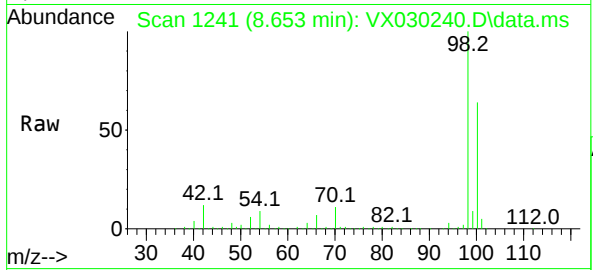




#50
Toluene-d8
Concen: 49.155 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

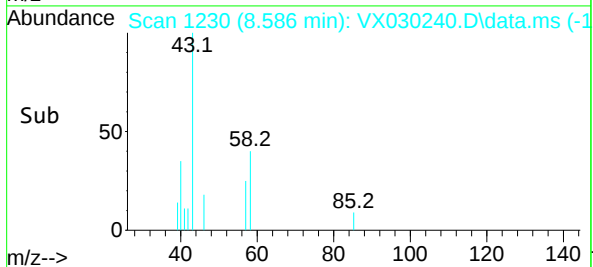
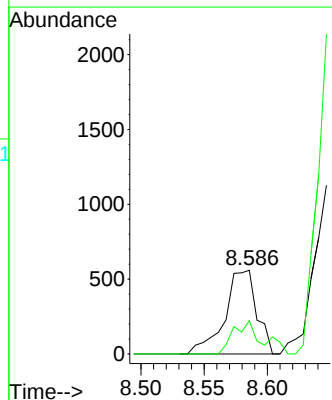
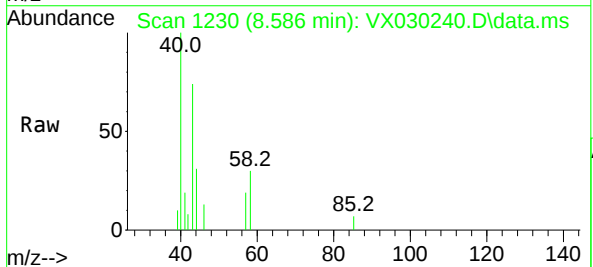
Instrument :
MSVOA_X
ClientSampleId :
62422

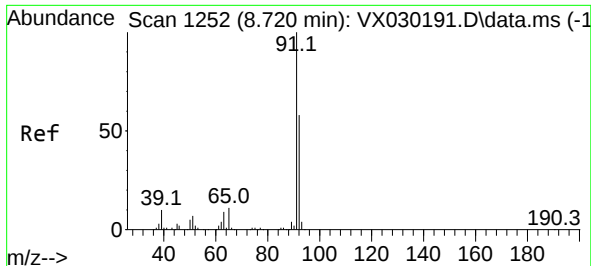
Tgt Ion: 98 Resp: 413485
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.223 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.007 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Tgt Ion: 43 Resp: 982
Ion Ratio Lower Upper
43 100
58 28.3 31.4 47.2#





#52

Toluene

Concen: 0.271 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030240.D

Acq: 27 Jul 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

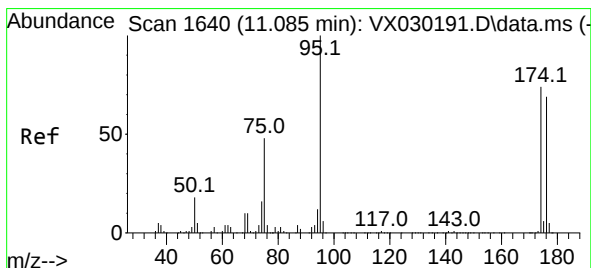
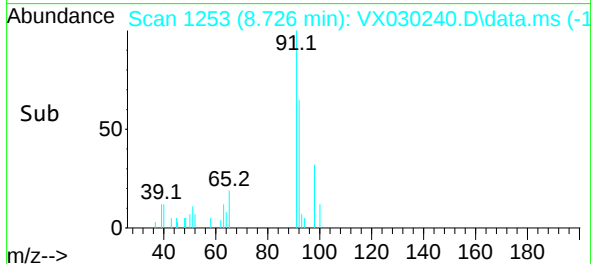
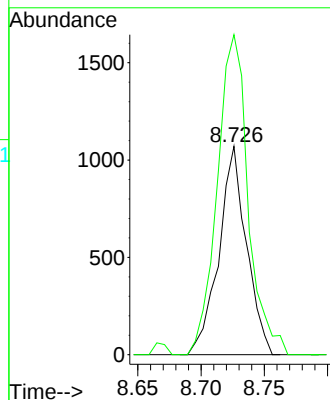
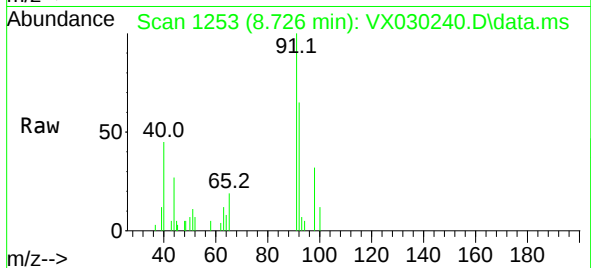
62422

Tgt Ion: 92 Resp: 1627

Ion Ratio Lower Upper

92 100

91 171.7 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 45.508 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030240.D

Acq: 27 Jul 2022 18:35

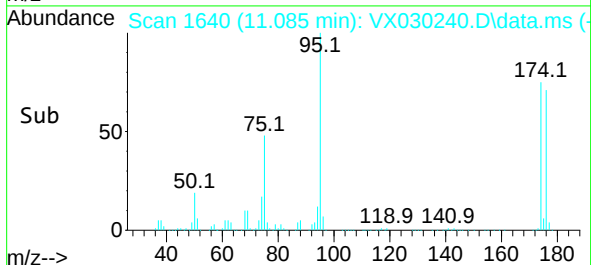
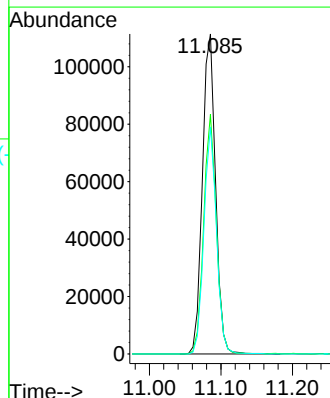
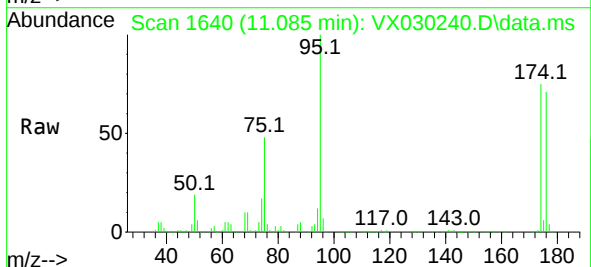
Tgt Ion: 95 Resp: 142071

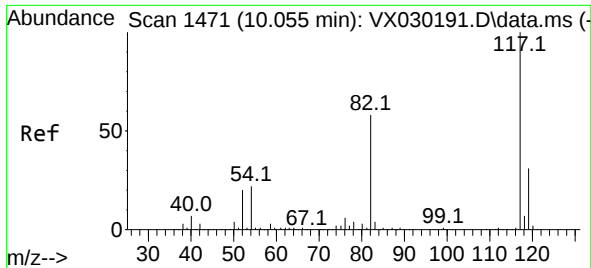
Ion Ratio Lower Upper

95 100

174 72.4 0.0 149.0

176 68.0 0.0 146.0

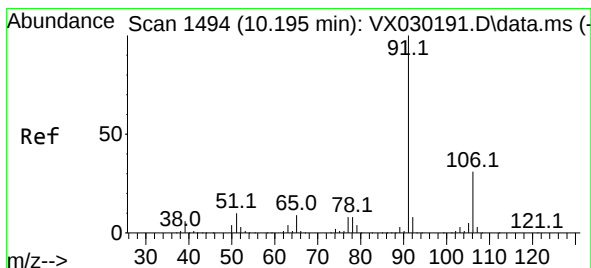
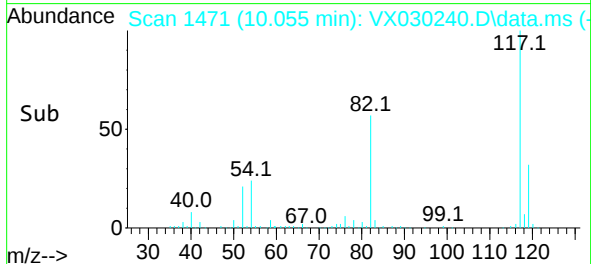
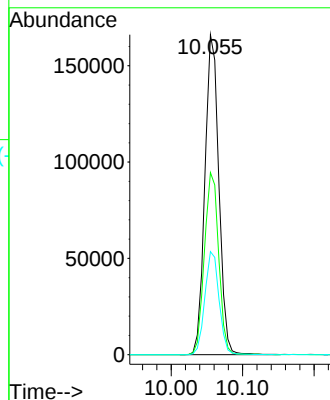
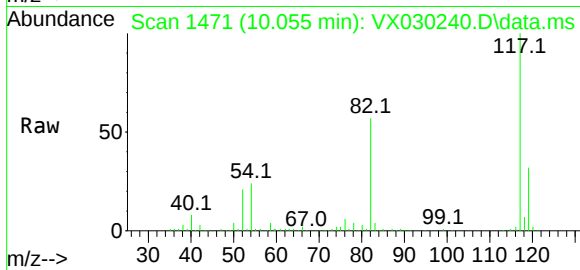




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

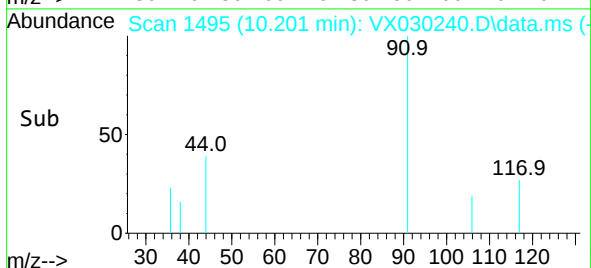
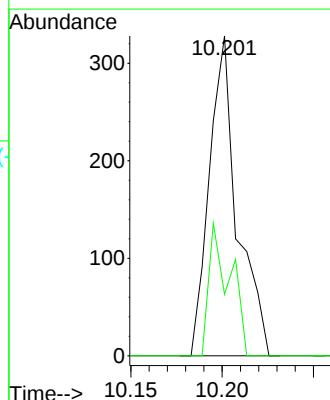
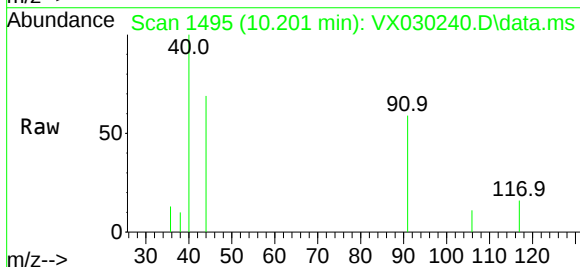
Instrument :
MSVOA_X
ClientSampleId :
62422

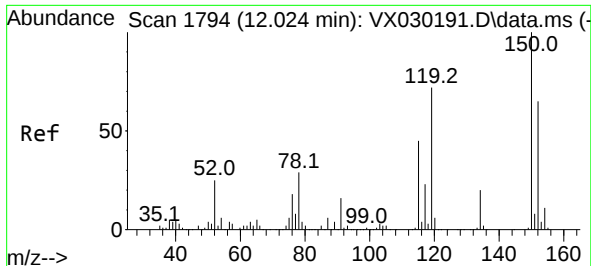
Tgt Ion:117 Resp: 225410
Ion Ratio Lower Upper
117 100
82 56.9 42.7 64.1
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030240.D
Acq: 27 Jul 2022 18:35

Tgt Ion: 91 Resp: 348
Ion Ratio Lower Upper
91 100
106 19.2 25.5 38.3#

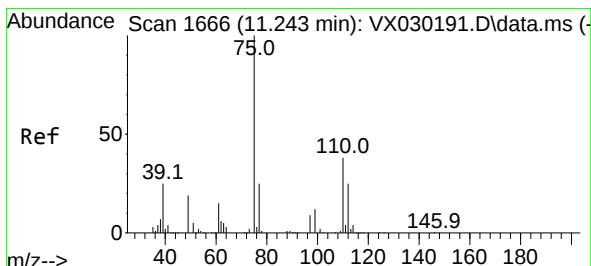
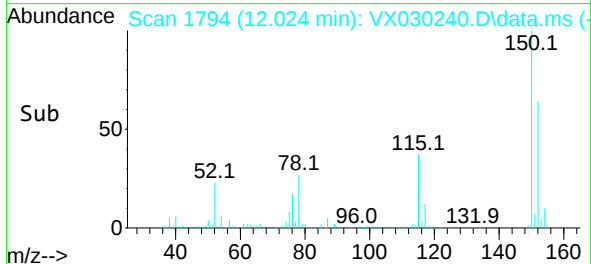
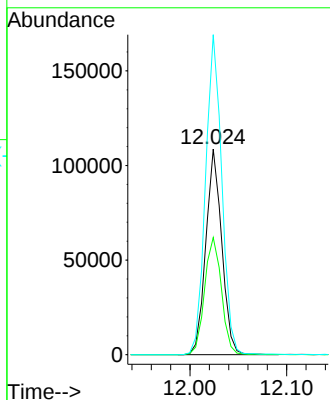
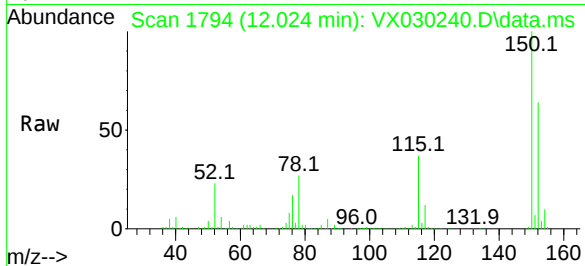




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030240.D
 Acq: 27 Jul 2022 18:35

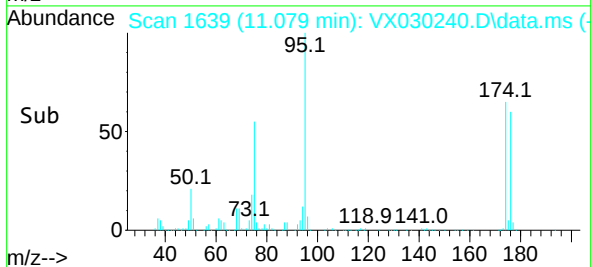
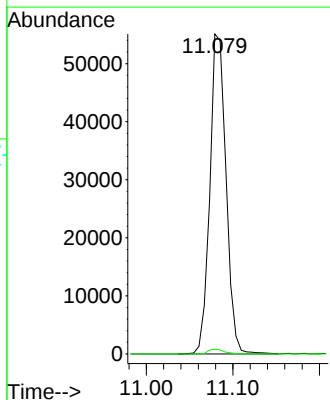
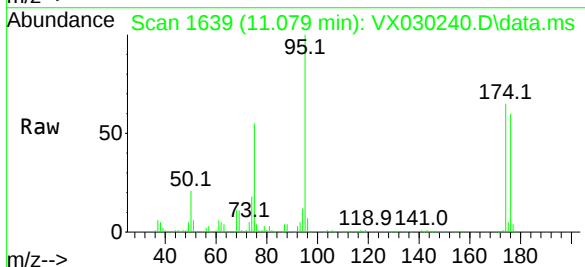
Instrument :
 MSVOA_X
 ClientSampleId :
 62422

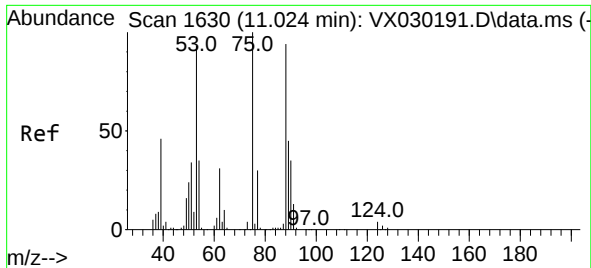
Tgt Ion:152 Resp: 125153
 Ion Ratio Lower Upper
 152 100
 115 60.0 40.5 121.5
 150 158.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.729 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX030240.D
 Acq: 27 Jul 2022 18:35

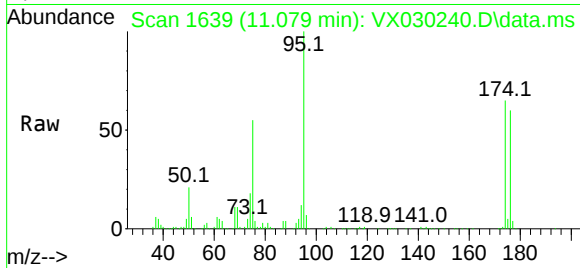
Tgt Ion: 75 Resp: 71683
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.185 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.055 min
 Lab File: VX030240.D
 Acq: 27 Jul 2022 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 62422



Tgt Ion: 75 Resp: 71683
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

