

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030722.D
 Acq On : 23 Aug 2022 11:15
 Operator : JC/MD
 Sample : VX0823WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL01

Quant Time: Sep 06 02:49:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 16:33:27 2022
 Response via : Initial Calibration

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

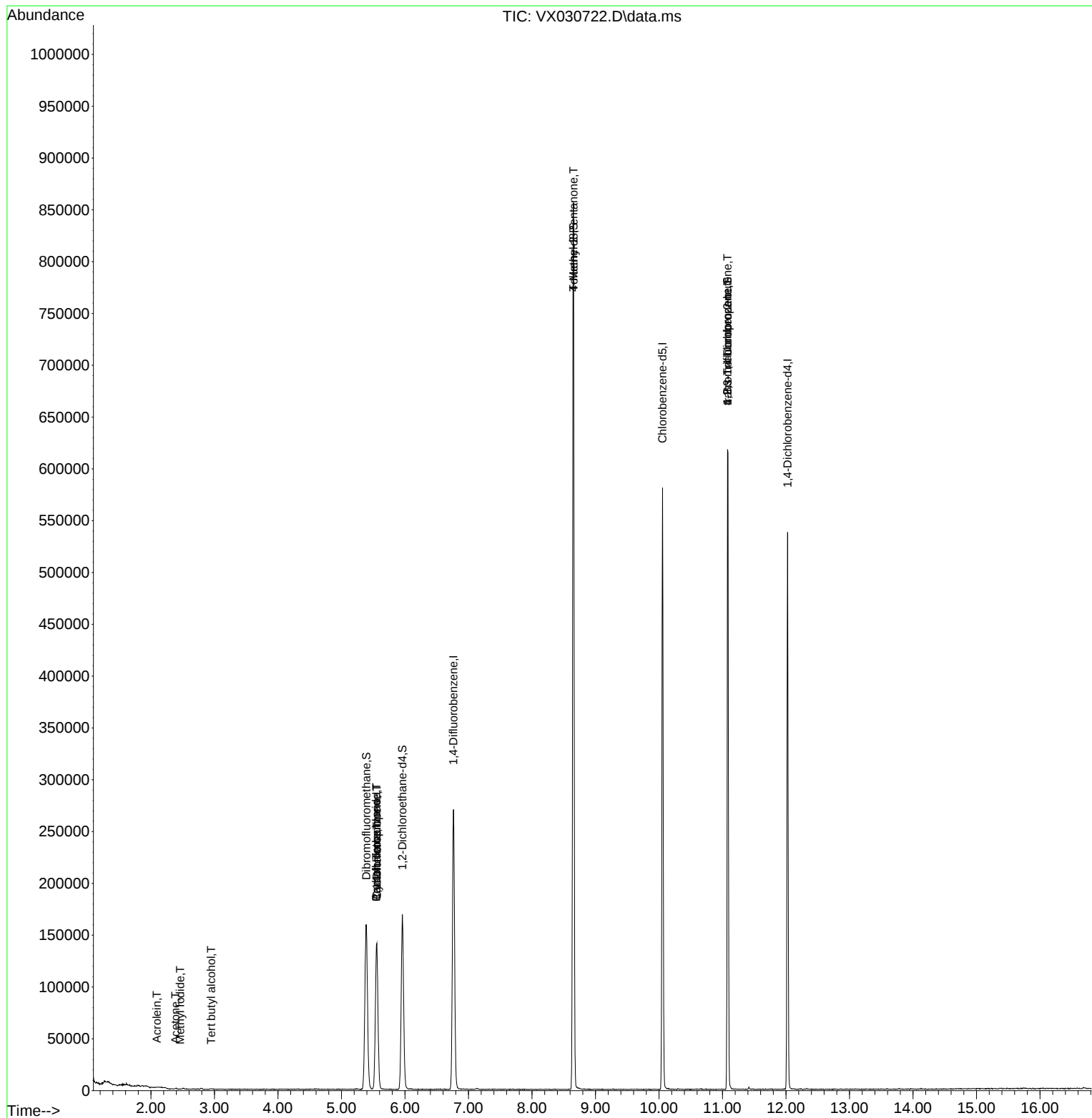
Internal Standards						
1) Pentafluorobenzene	5.550	168	129950	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	288520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154997	59.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.680%	
35) Dibromofluoromethane	5.391	113	147199	53.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.740%	
50) Toluene-d8	8.653	98	537436	50.316	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	11.079	95	181680	45.832	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	378	Below Cal		81
10) Methyl Iodide	2.459	142	194	1.618 ug/l	#	57
11) Tert butyl alcohol	2.947	59	345	0.541 ug/l	#	74
13) Acrolein	2.093	56	69	0.441 ug/l	#	1
16) Acetone	2.386	43	726	0.543 ug/l	#	81
20) Methylene Chloride	2.788	84	513	Below Cal	#	92
31) Cyclohexane	5.556	56	2687	0.709 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	11168	2.814 ug/l	#	48
38) Carbon Tetrachloride	5.550	117	13856	3.739 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.653	43	2100	0.375 ug/l	#	1
67) Ethyl Benzene	10.201	91	243	Below Cal	#	65
76) 1,2,3-Trichloropropane	11.079	75	84647	29.313 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	84647	87.937 ug/l	#	13

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

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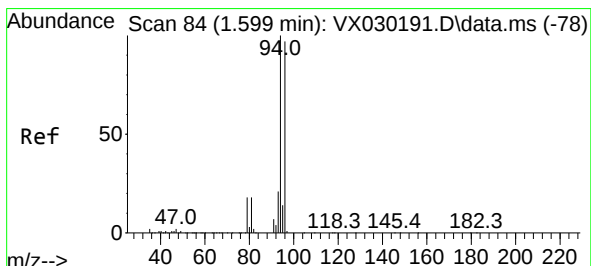
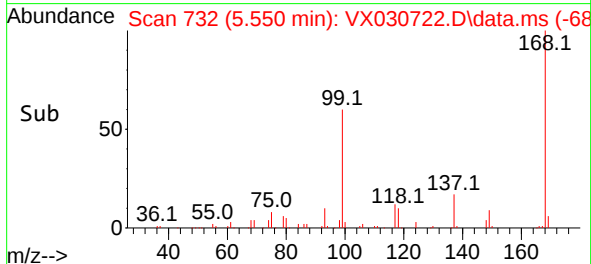
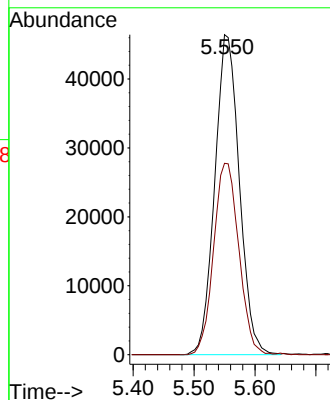
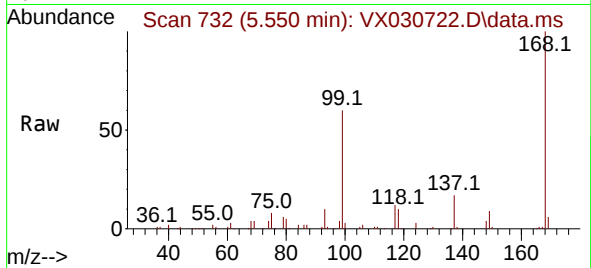




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

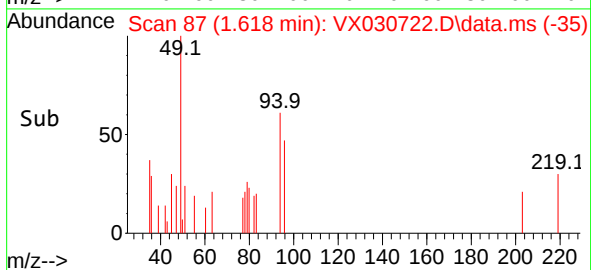
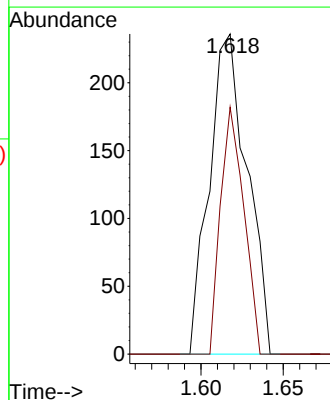
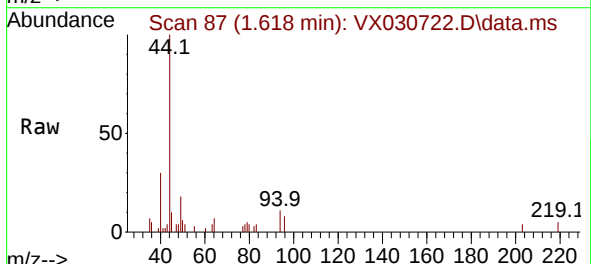
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

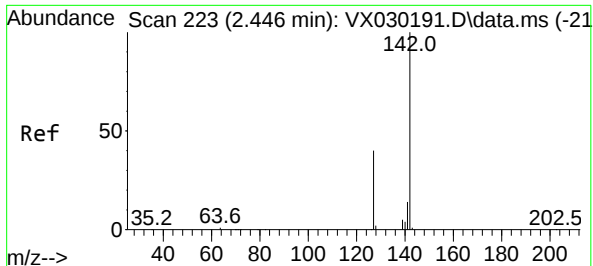
Tgt Ion:168 Resp: 129950
Ion Ratio Lower Upper
168 100
99 59.8 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

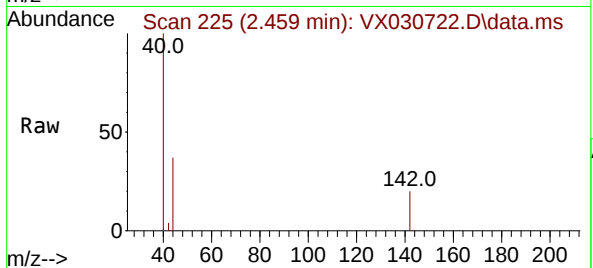
Tgt Ion: 94 Resp: 378
Ion Ratio Lower Upper
94 100
96 77.1 76.9 115.3



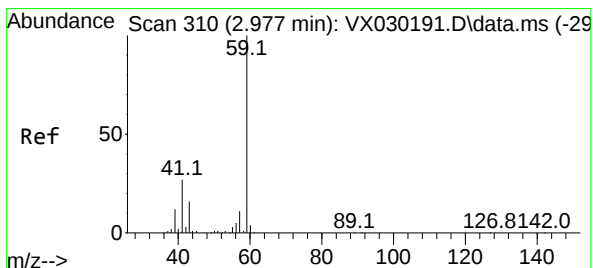
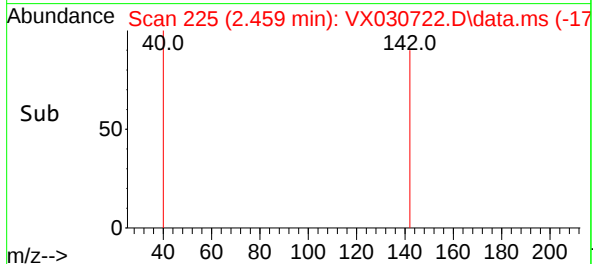
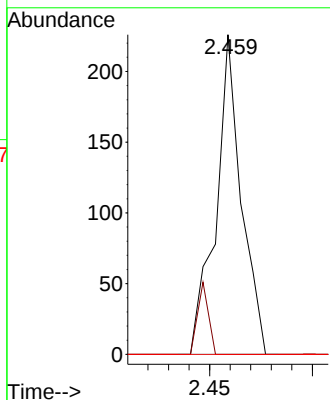


#10
Methyl Iodide
Concen: 1.618 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

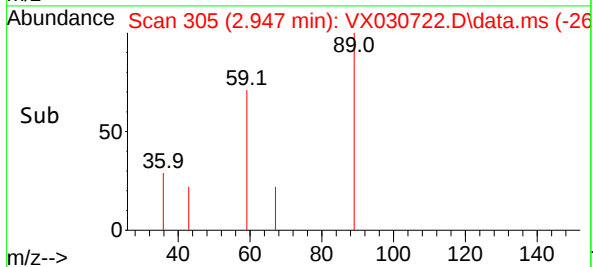
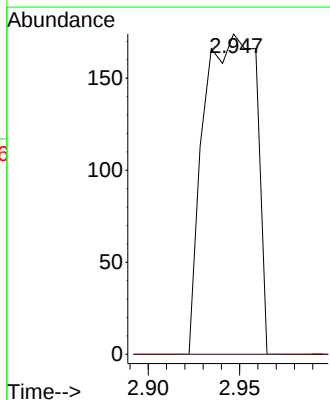
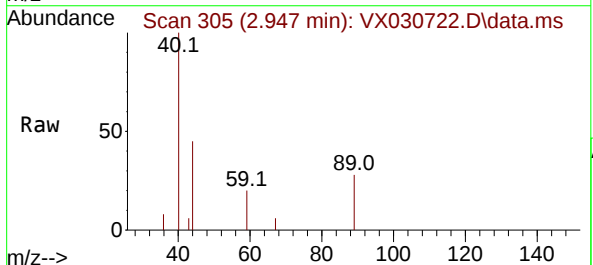


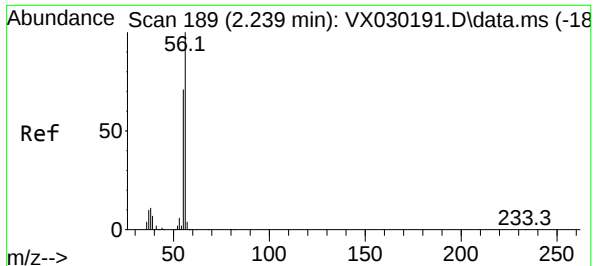
Tgt Ion:142 Resp: 194
Ion Ratio Lower Upper
142 100
127 9.8 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.541 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion: 59 Resp: 345
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

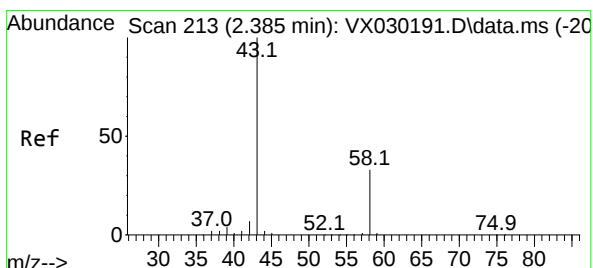
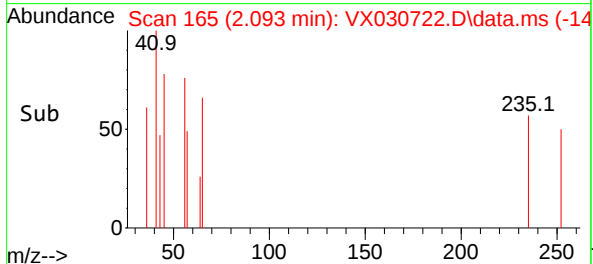
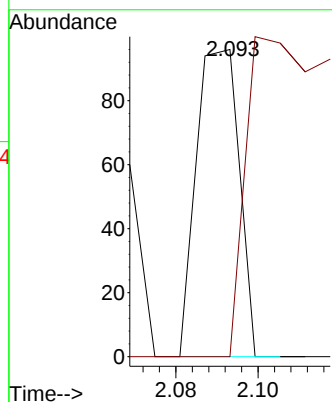
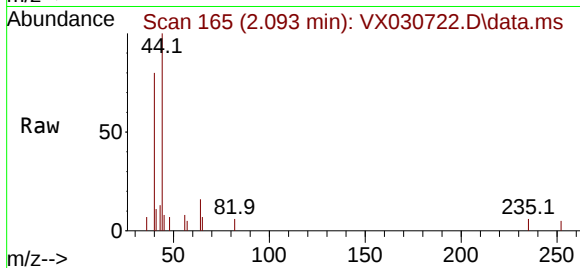




#13
Acrolein
Concen: 0.441 ug/l
RT: 2.093 min Scan# 11
Delta R.T. -0.146 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

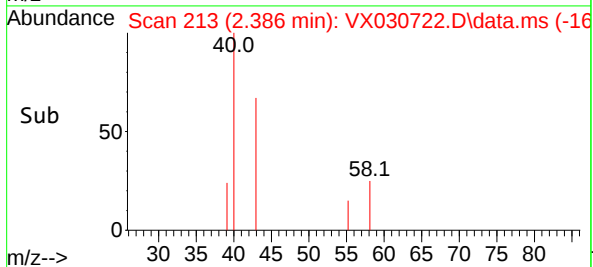
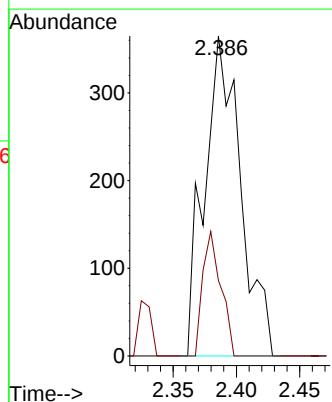
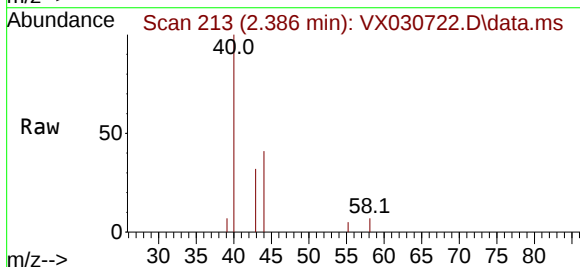
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

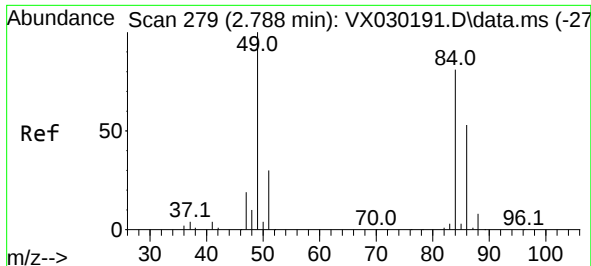
Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 201.4 56.6 84.8#



#16
Acetone
Concen: 0.543 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
58 23.6 27.7 41.5#

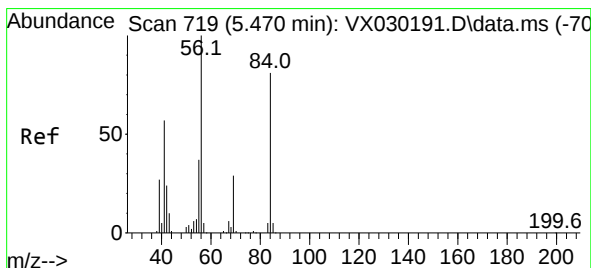
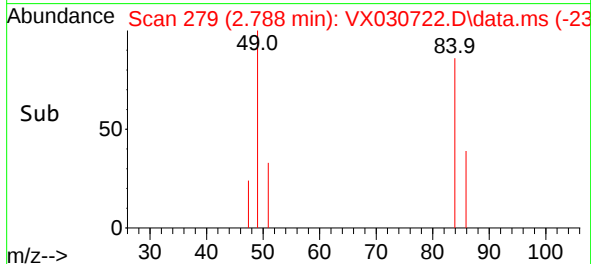
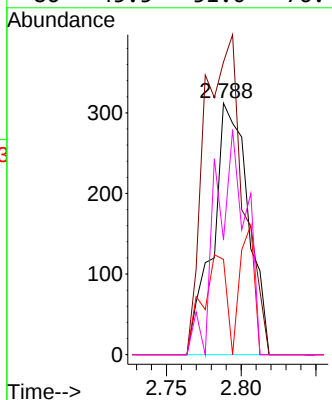
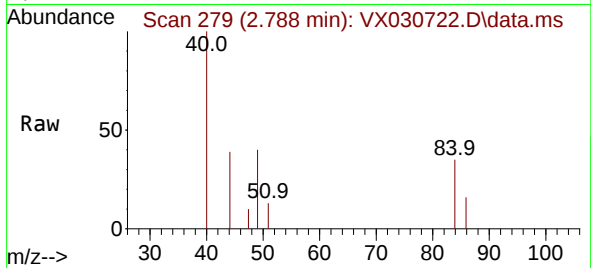




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

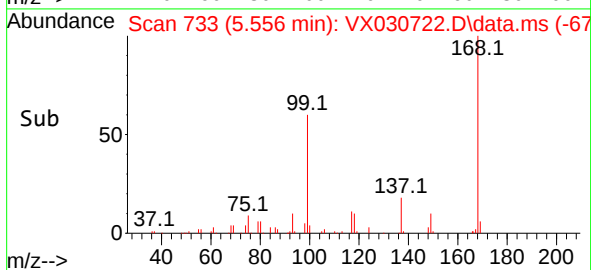
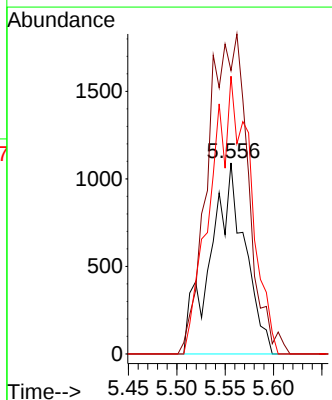
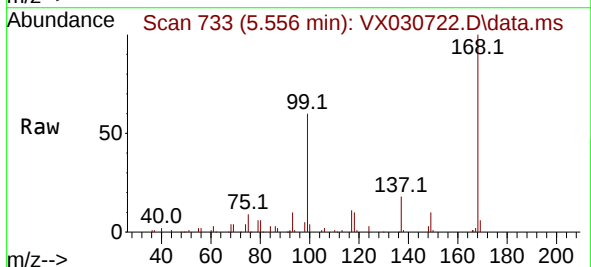
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

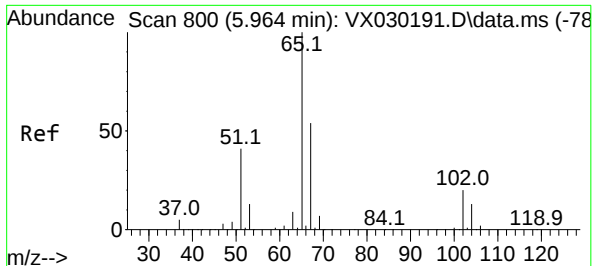
Tgt Ion:	84	Resp:	513
Ion	Ratio	Lower	Upper
84	100		
49	116.3	93.8	140.6
51	37.8	29.4	44.0
86	45.5	51.0	76.4#



#31
Cyclohexane
Concen: 0.709 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion:	56	Resp:	2687
Ion	Ratio	Lower	Upper
56	100		
69	148.4	25.4	38.0#
84	145.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 59.342 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030722.D

Acq: 23 Aug 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

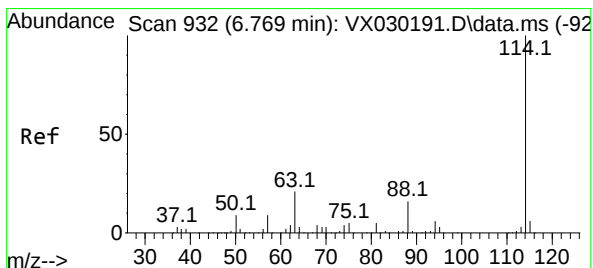
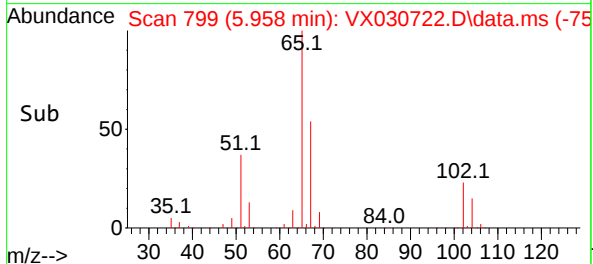
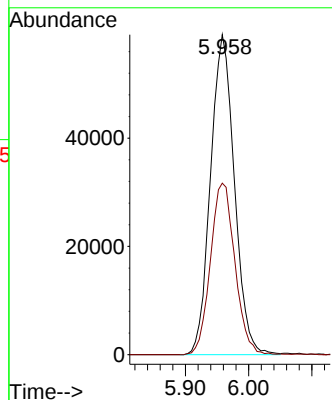
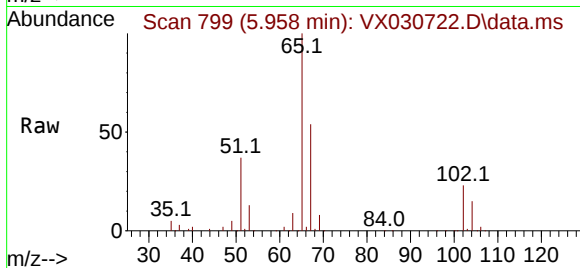
VX0823WBL01

Tgt Ion: 65 Resp: 154997

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030722.D

Acq: 23 Aug 2022 11:15

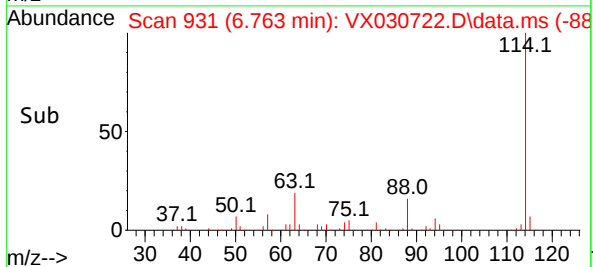
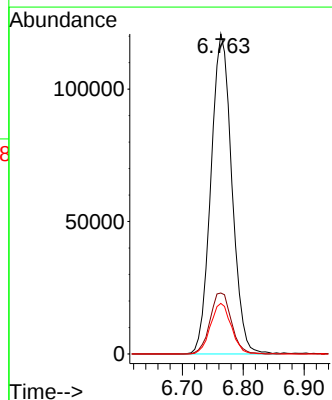
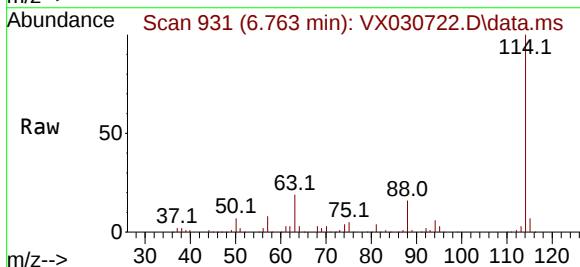
Tgt Ion: 114 Resp: 288520

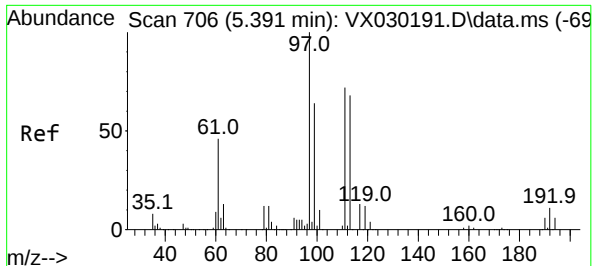
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.370 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030722.D

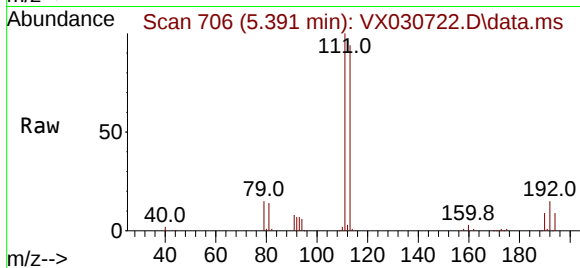
Acq: 23 Aug 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBL01



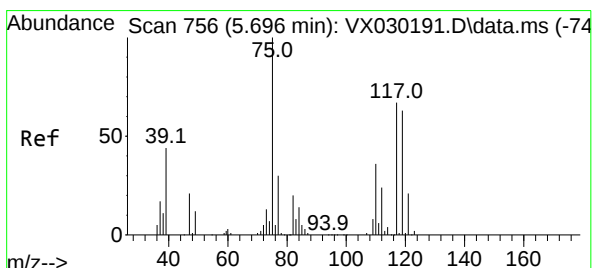
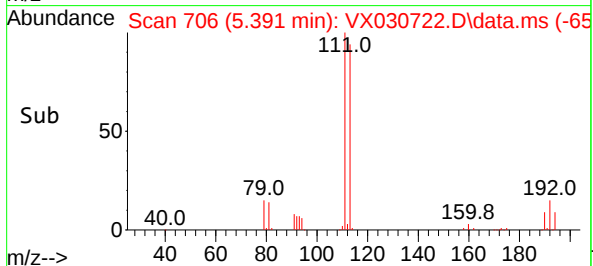
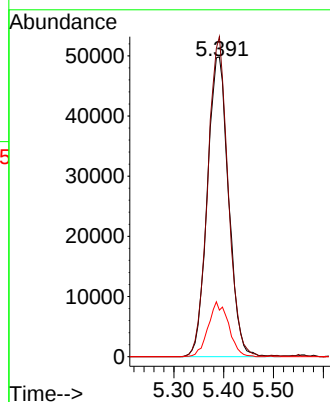
Tgt Ion:113 Resp: 147199

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

192 17.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 2.814 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030722.D

Acq: 23 Aug 2022 11:15

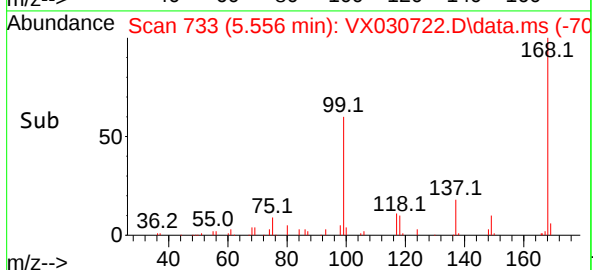
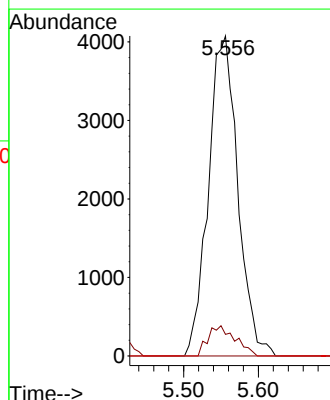
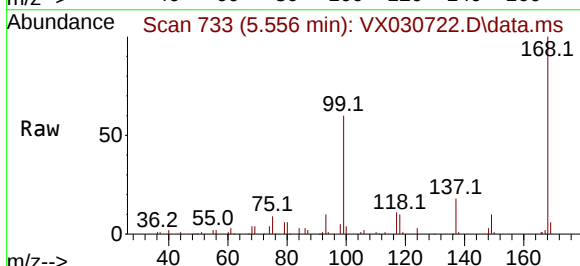
Tgt Ion: 75 Resp: 11168

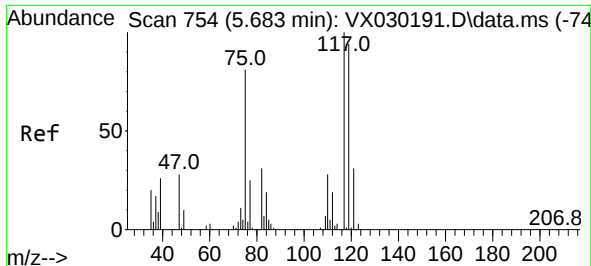
Ion Ratio Lower Upper

75 100

110 8.8 19.3 57.9#

77 0.0 24.4 36.6#

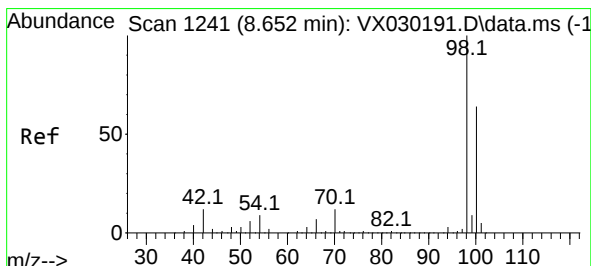
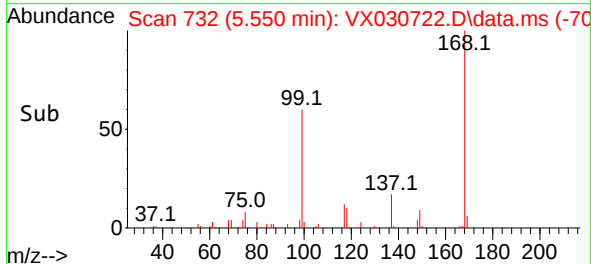
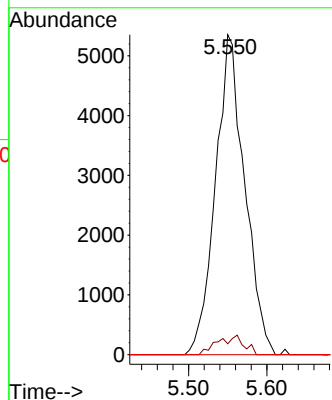
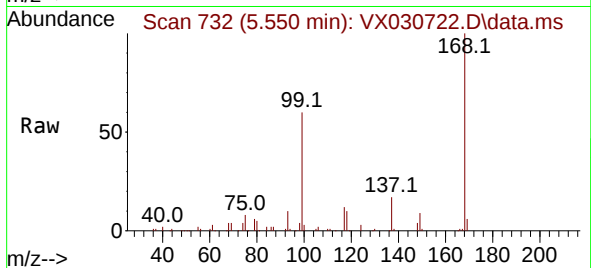




#38
Carbon Tetrachloride
Concen: 3.739 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

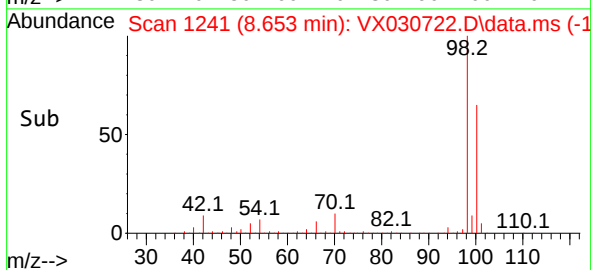
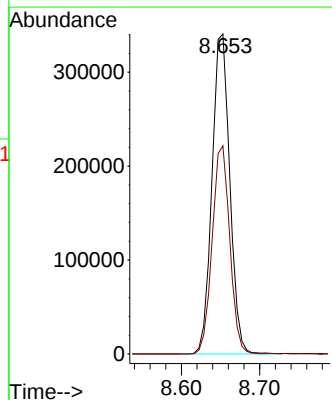
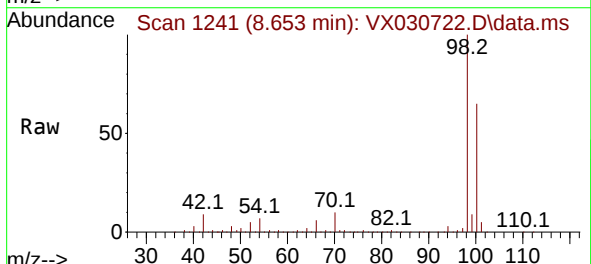
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

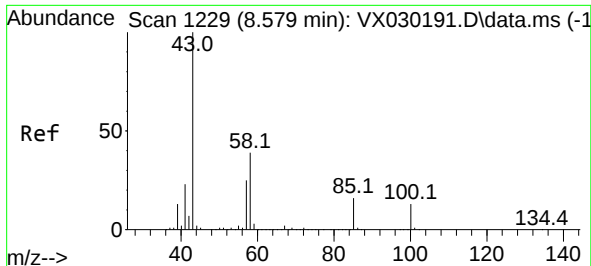
Tgt Ion:117 Resp: 13856
Ion Ratio Lower Upper
117 100
119 3.4 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 50.316 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion: 98 Resp: 537436
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

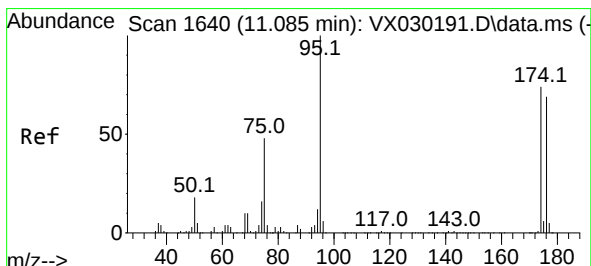
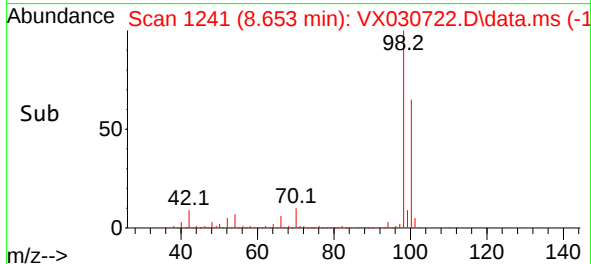
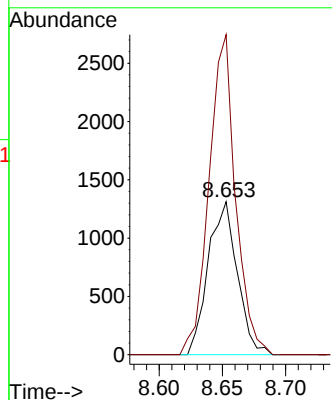
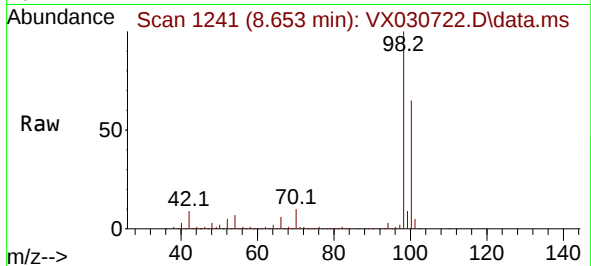




#51
4-Methyl-2-Pentanone
Concen: 0.375 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

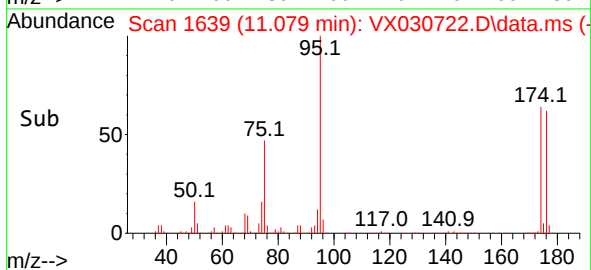
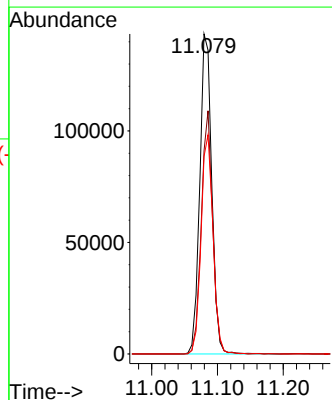
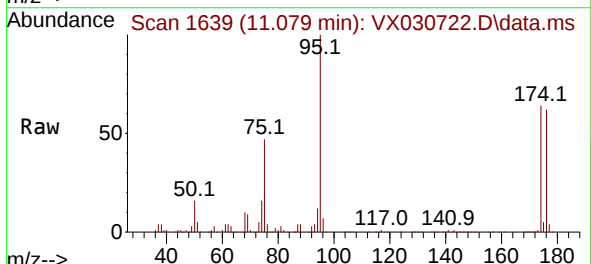
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

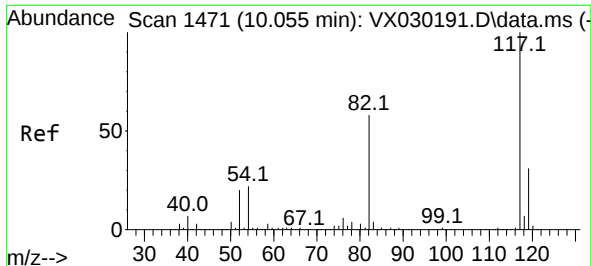
Tgt Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
58 191.1 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 45.832 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion: 95 Resp: 181680
Ion Ratio Lower Upper
95 100
174 72.1 0.0 149.0
176 68.4 0.0 146.0

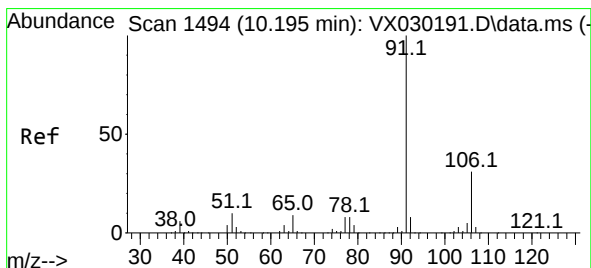
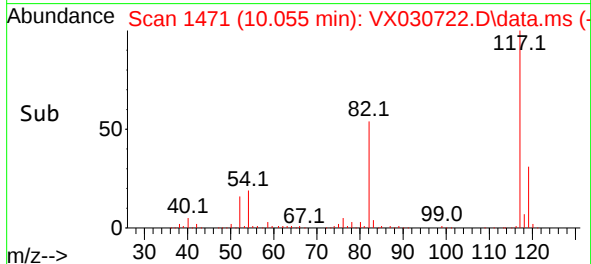
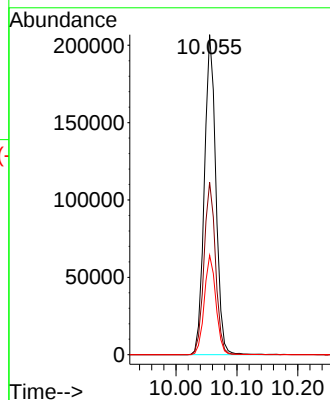
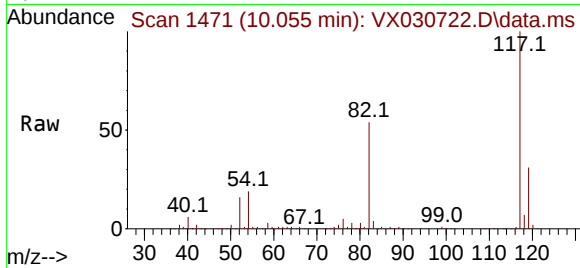




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

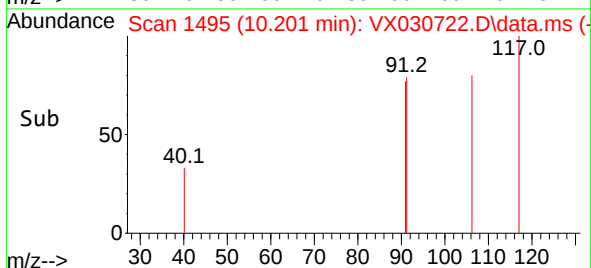
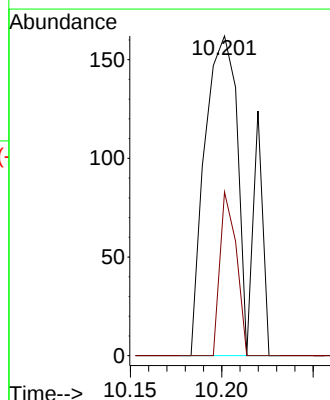
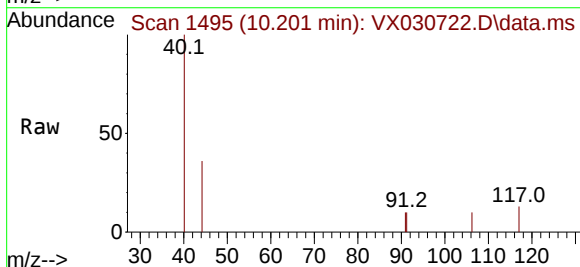
Instrument :
MSVOA_X
ClientSampleId :
VX0823WBL01

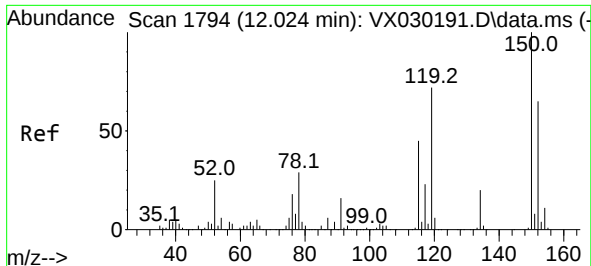
Tgt Ion:117 Resp: 271537
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 31.0 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030722.D
Acq: 23 Aug 2022 11:15

Tgt Ion: 91 Resp: 243
Ion Ratio Lower Upper
91 100
106 51.2 25.5 38.3#

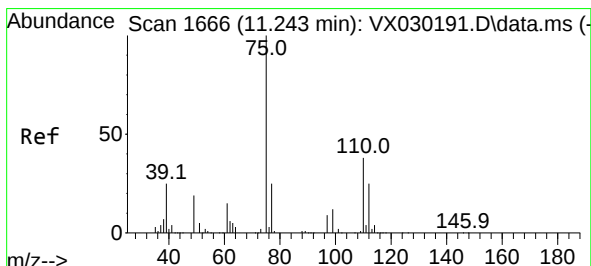
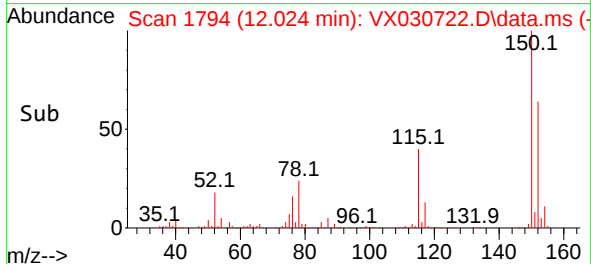
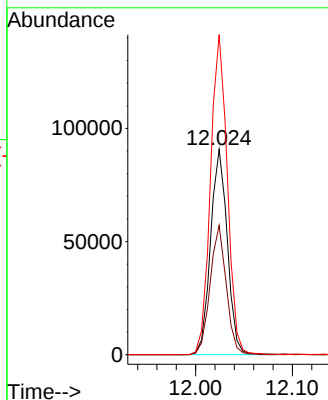
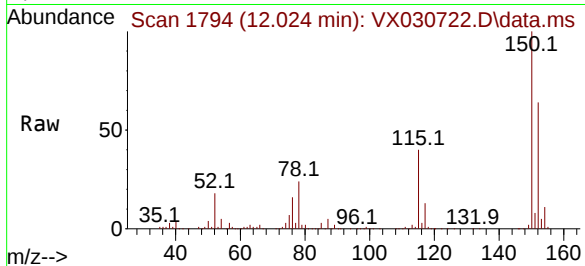




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030722.D
 Acq: 23 Aug 2022 11:15

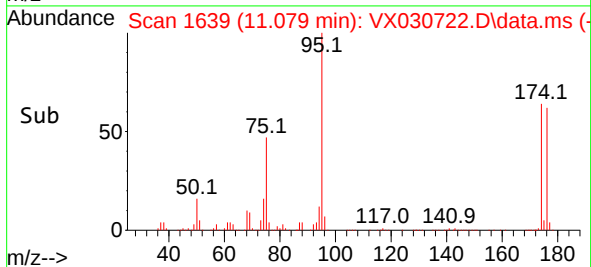
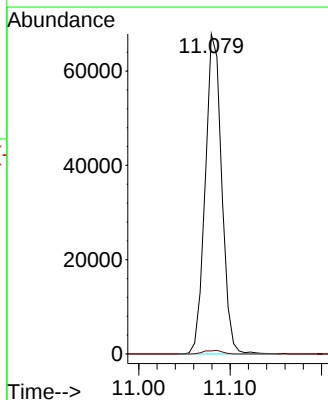
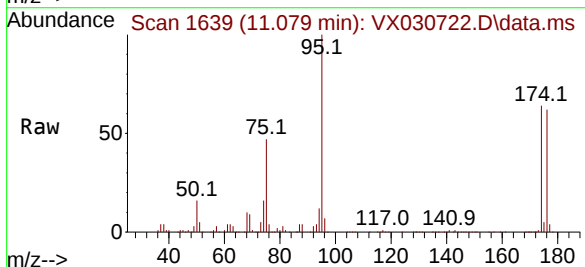
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL01

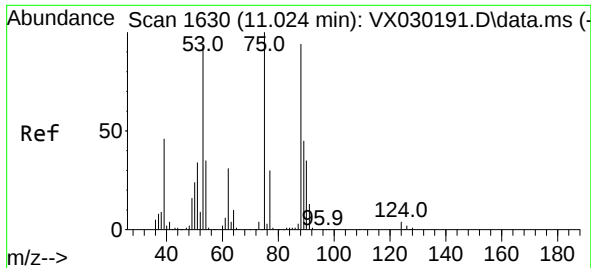
Tgt Ion:152 Resp: 109551
 Ion Ratio Lower Upper
 152 100
 115 60.6 40.5 121.5
 150 156.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 29.313 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX030722.D
 Acq: 23 Aug 2022 11:15

Tgt Ion: 75 Resp: 84647
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.937 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX030722.D
 Acq: 23 Aug 2022 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBL01

Tgt Ion: 75 Resp: 84647
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

