

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031239.D
 Acq On : 09 Sep 2022 02:49
 Operator : JC/MD
 Sample : VX0908WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBL02

Quant Time: Sep 09 04:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

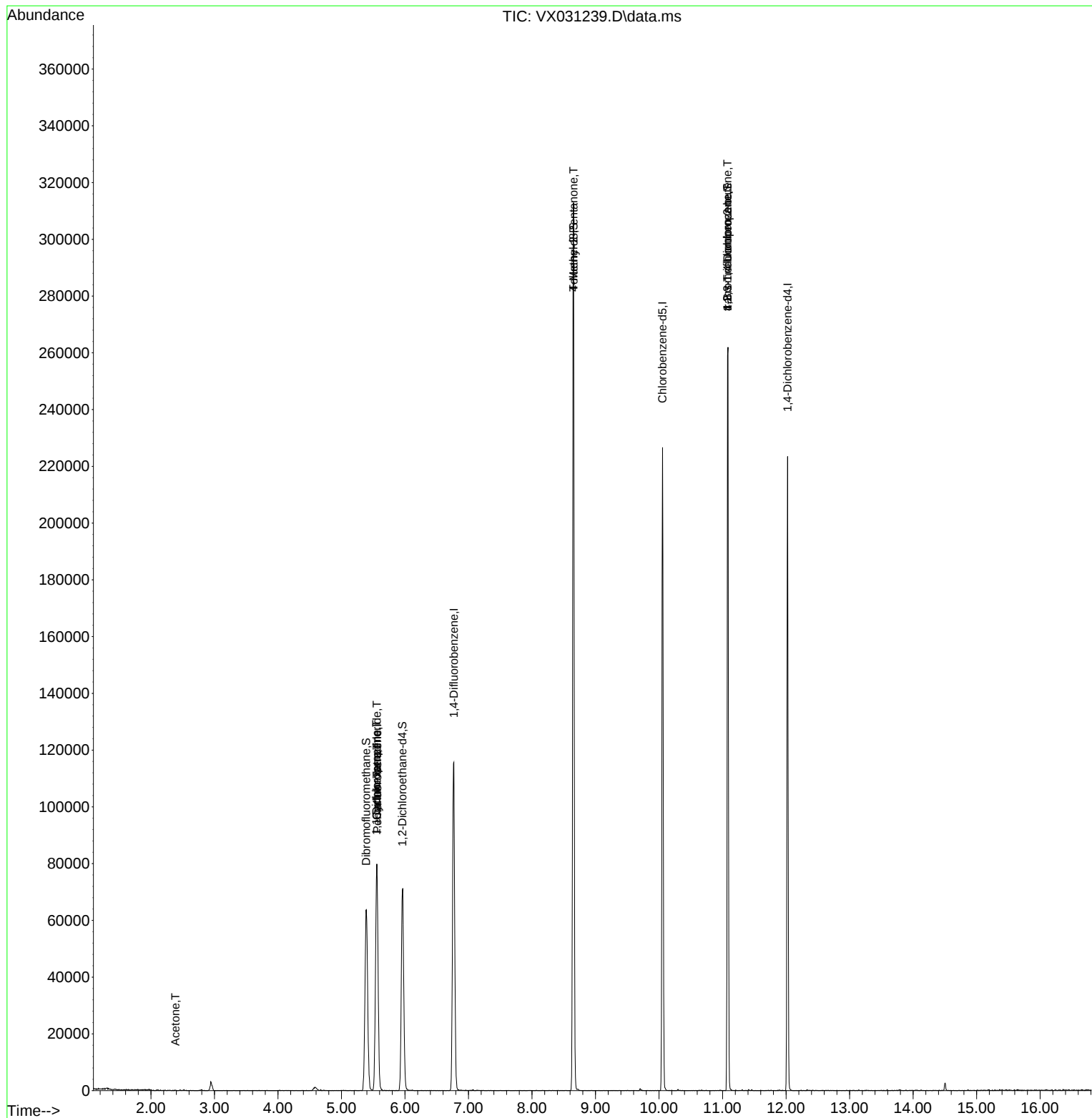
Internal Standards						
1) Pentafluorobenzene	5.562	168	66279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80325	51.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.380%	
35) Dibromofluoromethane	5.385	113	56468	45.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.780%	
50) Toluene-d8	8.653	98	183942	41.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 82.280%#	
62) 4-Bromofluorobenzene	11.079	95	72796	44.432	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.860%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2043	Below Cal	#	74
16) Acetone	2.385	43	215	0.396	ug/l #	40
31) Cyclohexane	5.556	56	1546	0.882	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	6328	3.434	ug/l #	43
38) Carbon Tetrachloride	5.556	117	8779	4.528	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	889	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43263	39.283	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43263	126.682	ug/l #	12

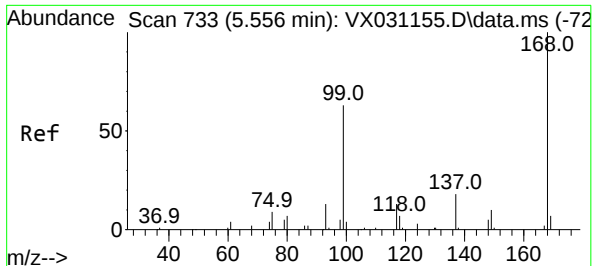
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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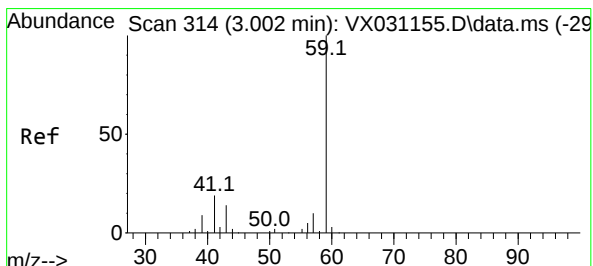
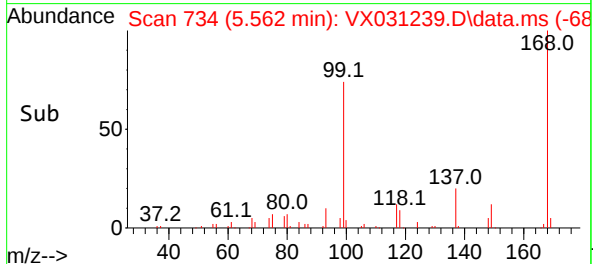
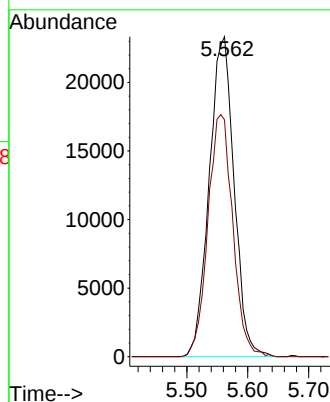
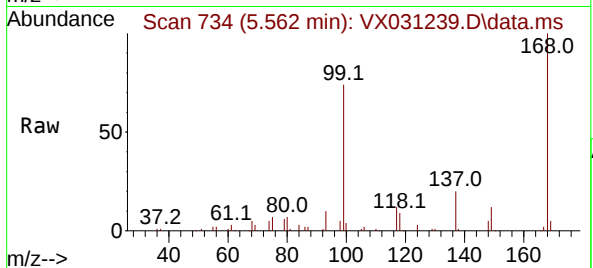




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

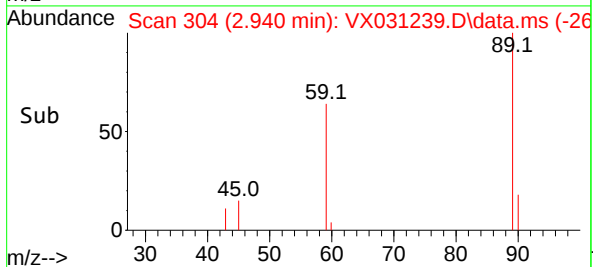
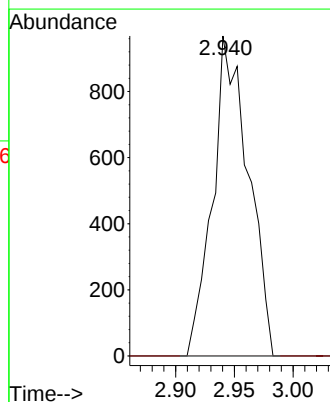
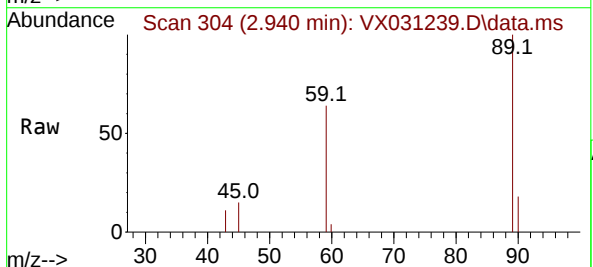
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL02

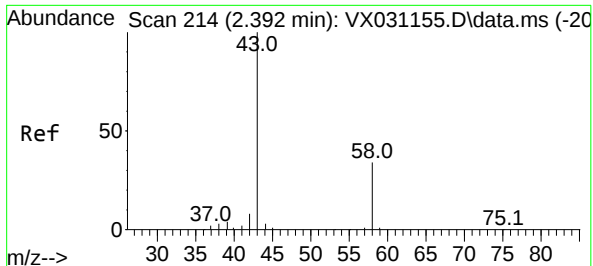
Tgt Ion:168 Resp: 66279
Ion Ratio Lower Upper
168 100
99 74.0 44.0 66.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.062 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

Tgt Ion: 59 Resp: 2043
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

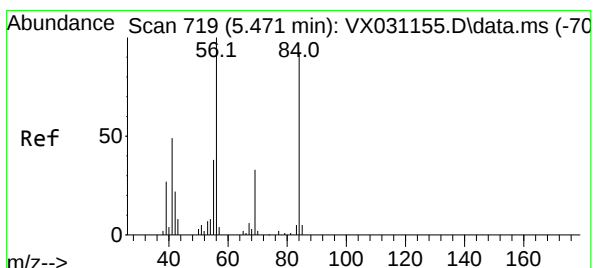
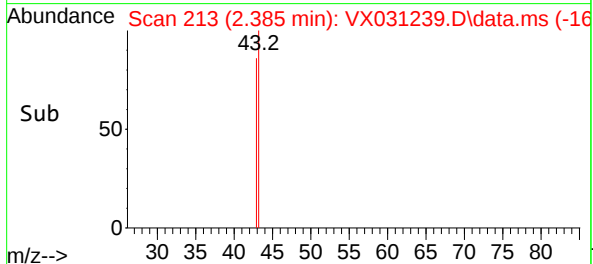
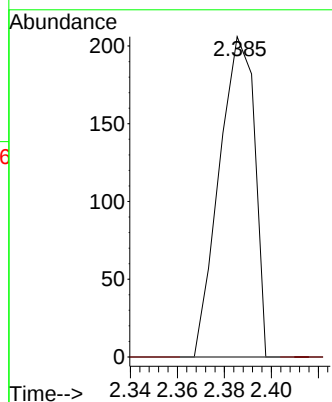
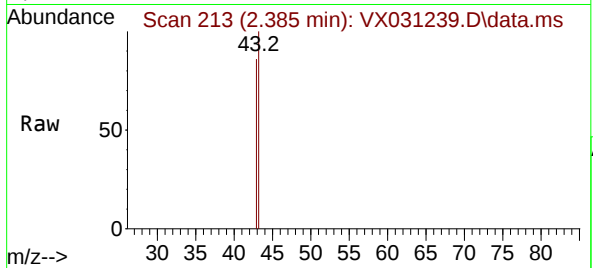




#16
Acetone
Concen: 0.396 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

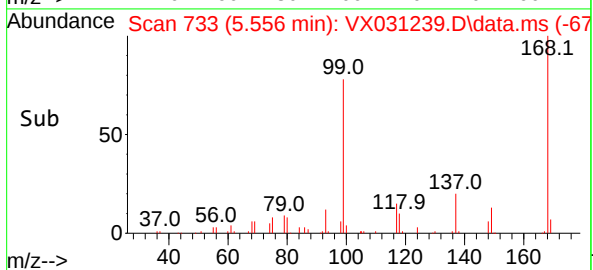
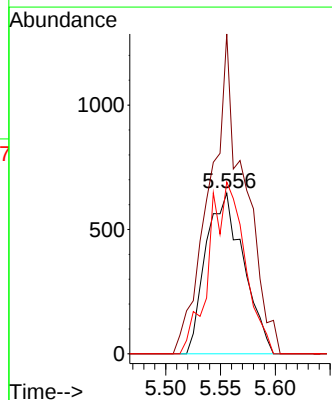
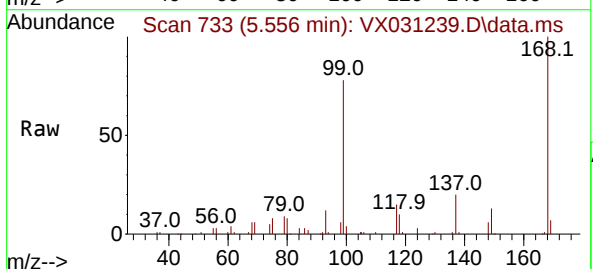
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL02

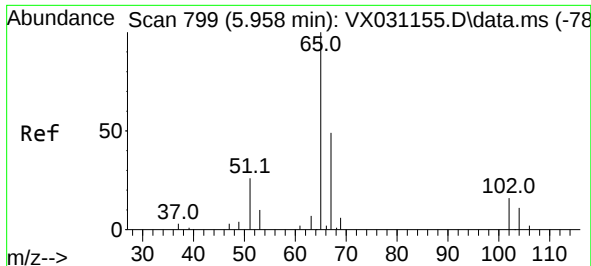
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#31
Cyclohexane
Concen: 0.882 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

Tgt Ion: 56 Resp: 1546
Ion Ratio Lower Upper
56 100
69 199.1 25.4 38.0#
84 107.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.189 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031239.D

Acq: 09 Sep 2022 02:49

Instrument :

MSVOA_X

ClientSampleId :

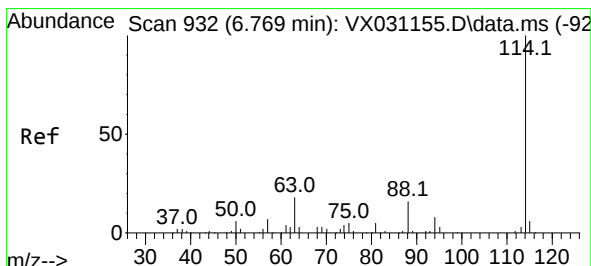
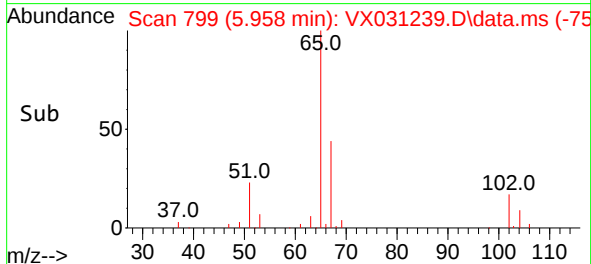
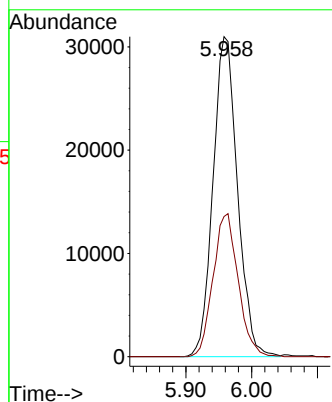
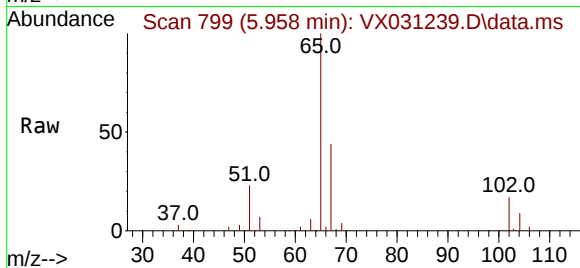
VX0908WBL02

Tgt Ion: 65 Resp: 80325

Ion Ratio Lower Upper

65 100

67 45.8 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: VX031239.D

Acq: 09 Sep 2022 02:49

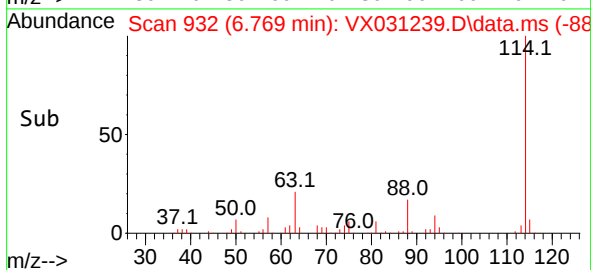
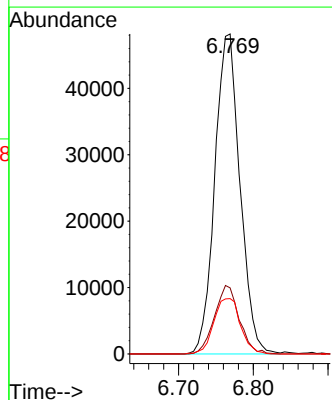
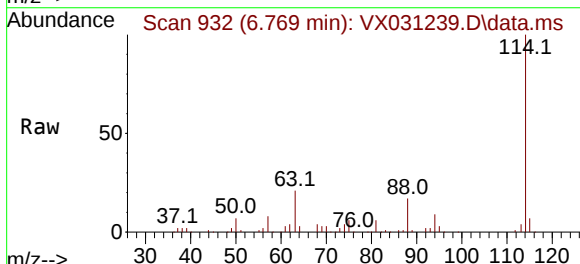
Tgt Ion: 114 Resp: 112918

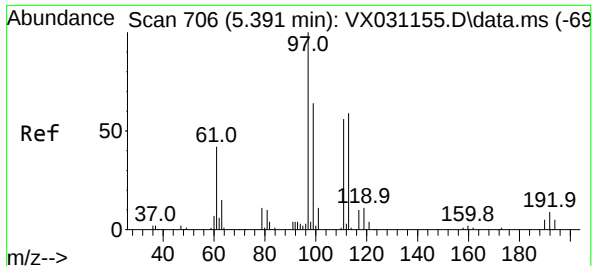
Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

88 17.3 0.0 31.8

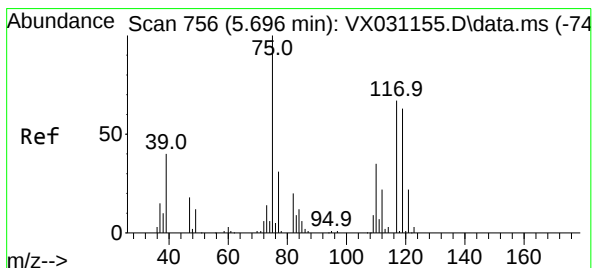
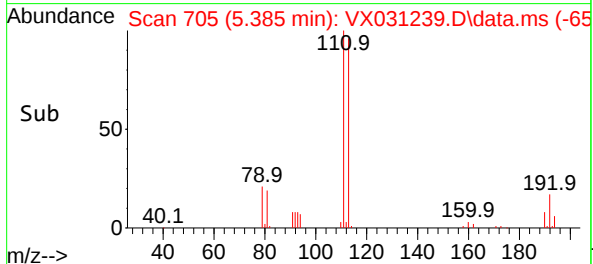
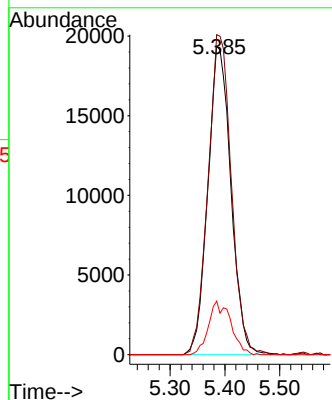
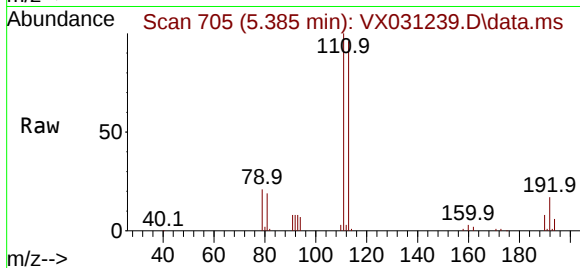




#35
Dibromofluoromethane
Concen: 45.890 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

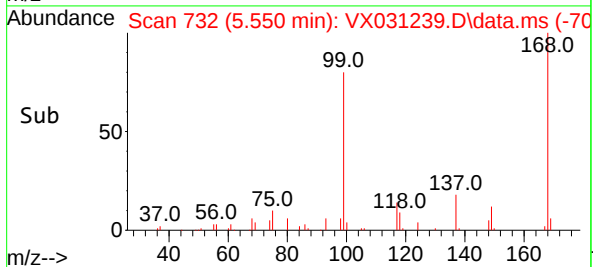
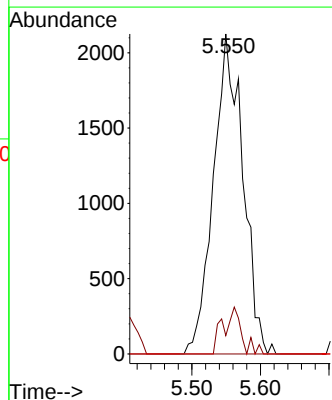
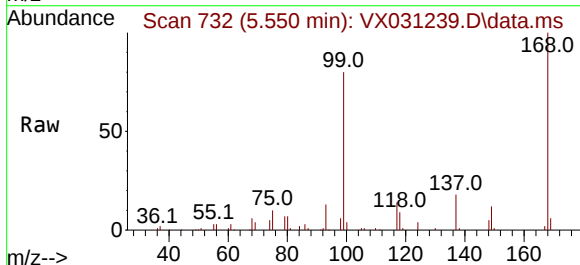
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL02

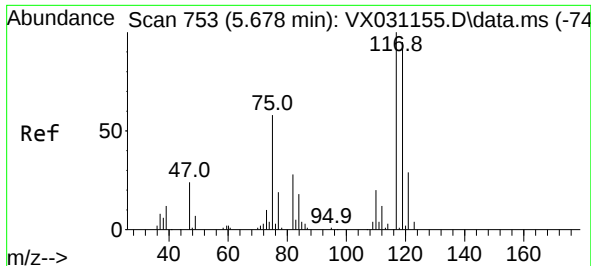
Tgt Ion:113 Resp: 56468
Ion Ratio Lower Upper
113 100
111 104.6 83.2 124.8
192 16.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.434 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

Tgt Ion: 75 Resp: 6328
Ion Ratio Lower Upper
75 100
110 3.2 19.3 57.9#
77 0.0 24.4 36.6#

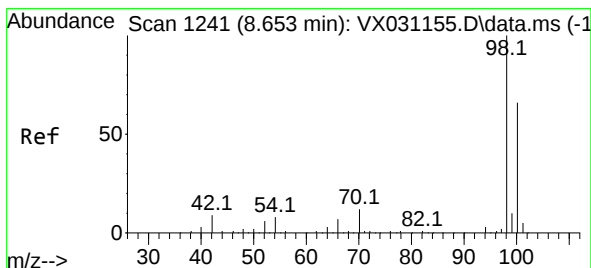
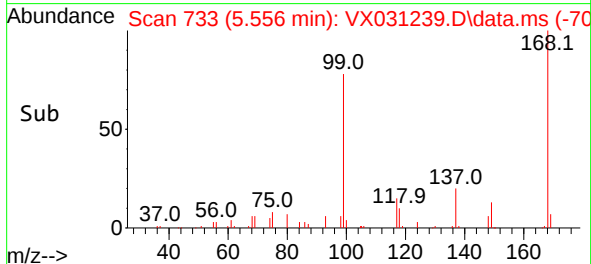
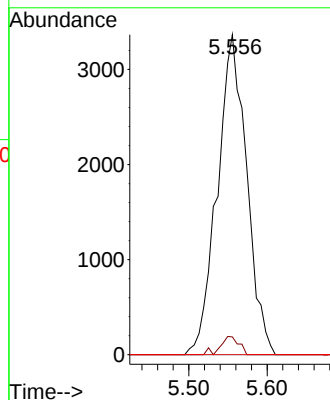
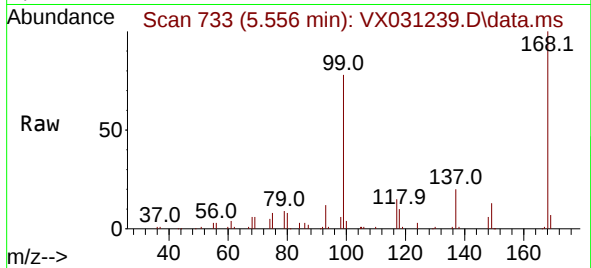




#38
Carbon Tetrachloride
Concen: 4.528 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

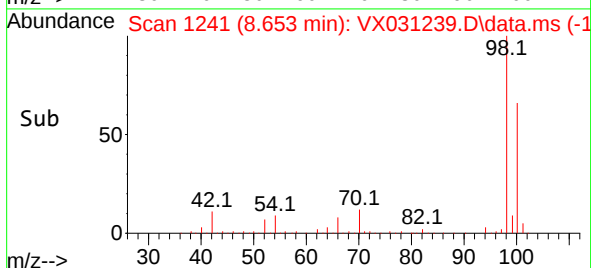
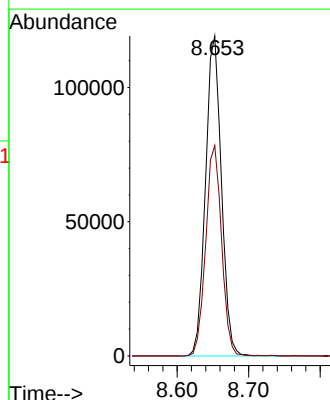
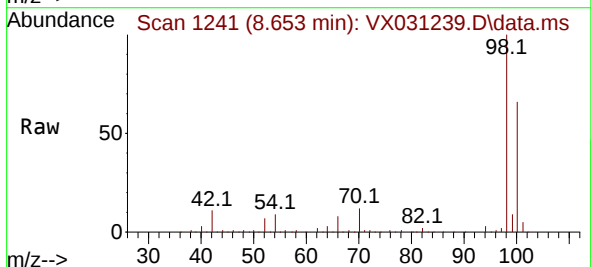
Instrument :
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ClientSampleId :
VX0908WBL02

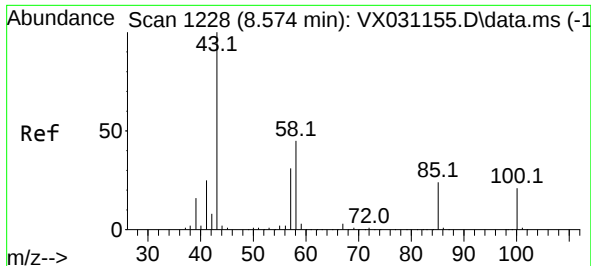
Tgt Ion:117 Resp: 8779
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 41.144 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

Tgt Ion: 98 Resp: 183942
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.563 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX031239.D

Acq: 09 Sep 2022 02:49

Instrument :

MSVOA_X

ClientSampleId :

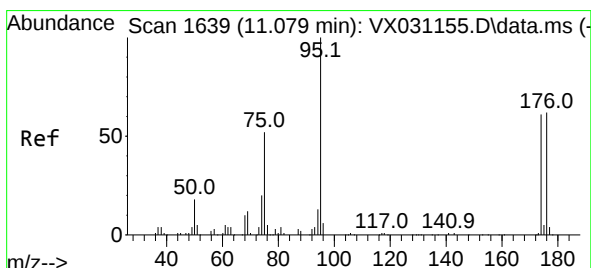
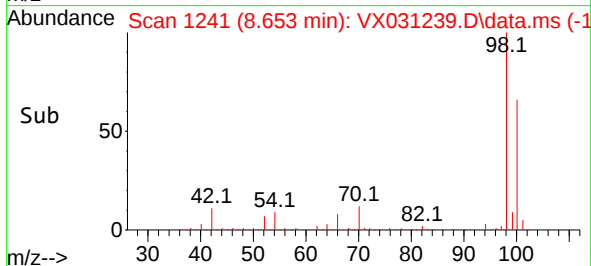
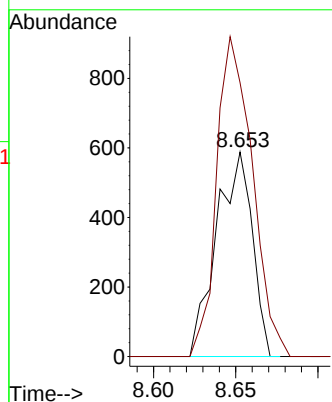
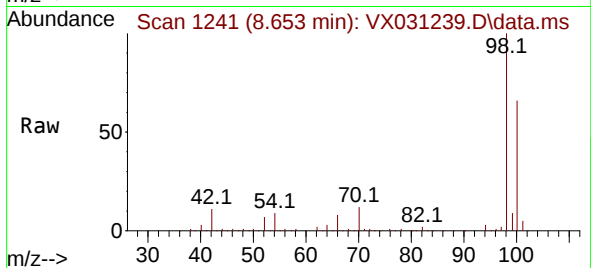
VX0908WBL02

Tgt Ion: 43 Resp: 889

Ion Ratio Lower Upper

43 100

58 156.5 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 44.432 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031239.D

Acq: 09 Sep 2022 02:49

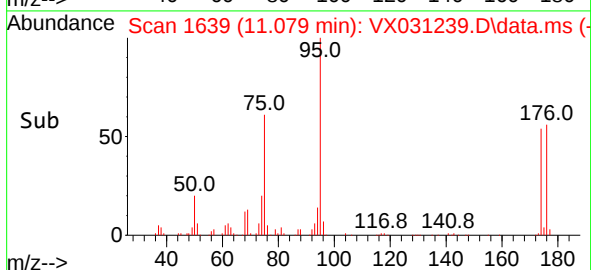
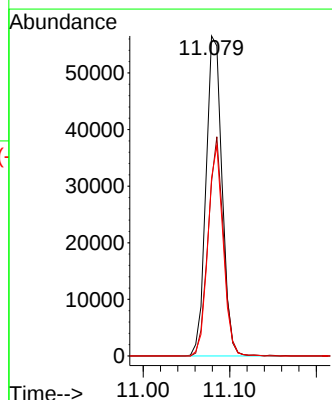
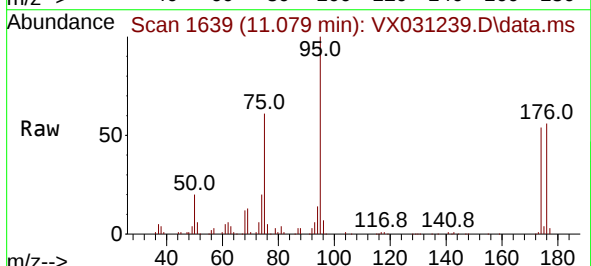
Tgt Ion: 95 Resp: 72796

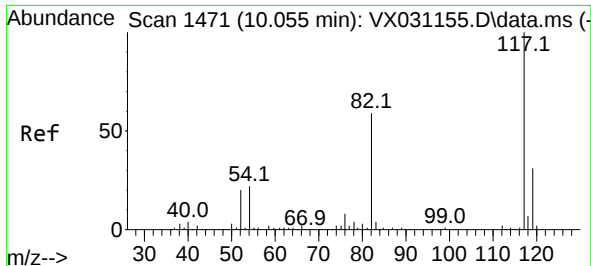
Ion Ratio Lower Upper

95 100

174 65.3 0.0 149.0

176 62.4 0.0 146.0

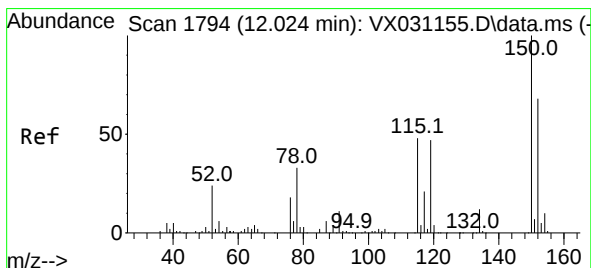
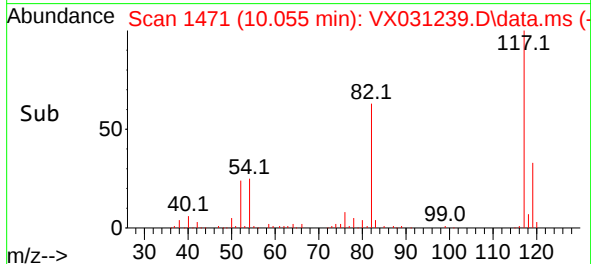
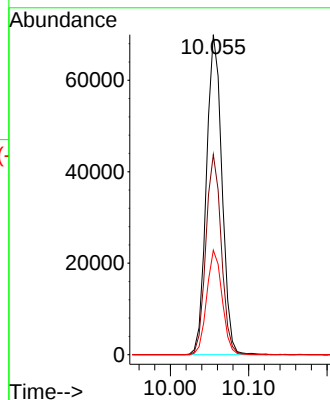
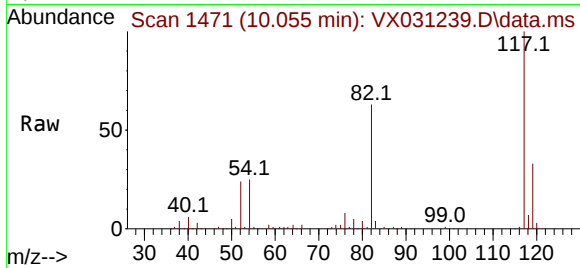




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

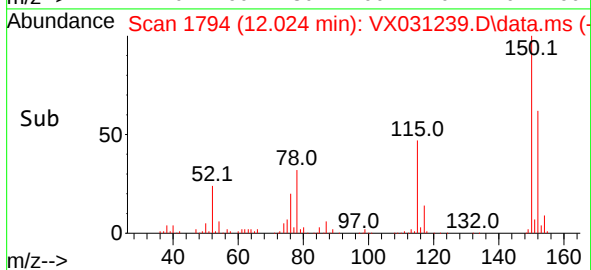
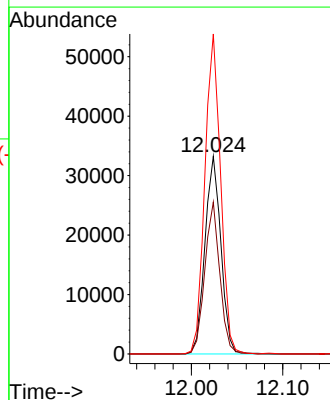
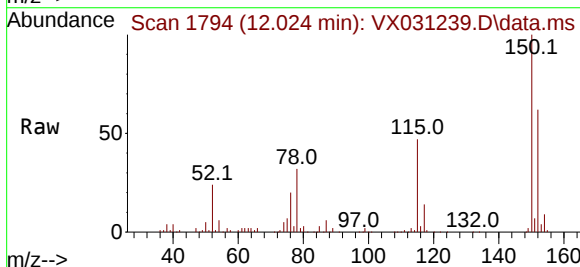
Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL02

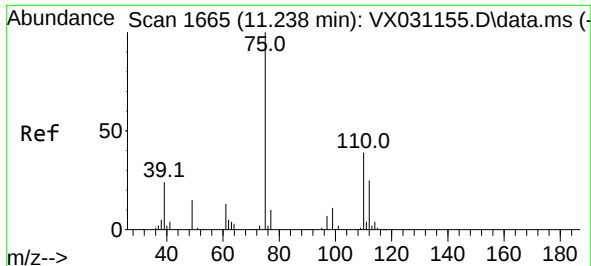
Tgt Ion:117 Resp: 96102
Ion Ratio Lower Upper
117 100
82 62.5 42.7 64.1
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

Tgt Ion:152 Resp: 40354
Ion Ratio Lower Upper
152 100
115 72.3 40.5 121.5
150 159.0 0.0 347.0

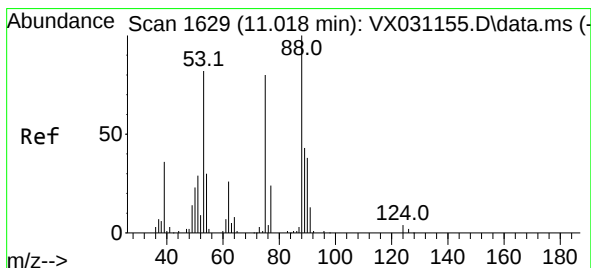
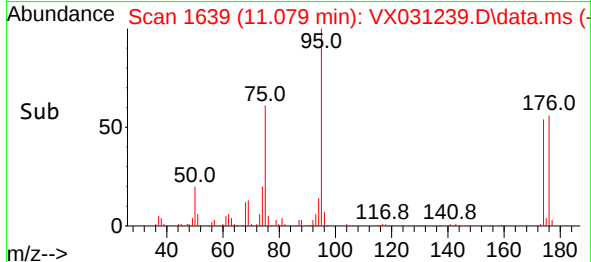
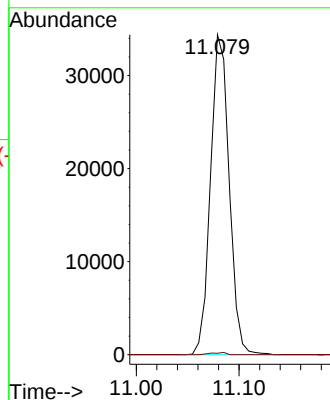
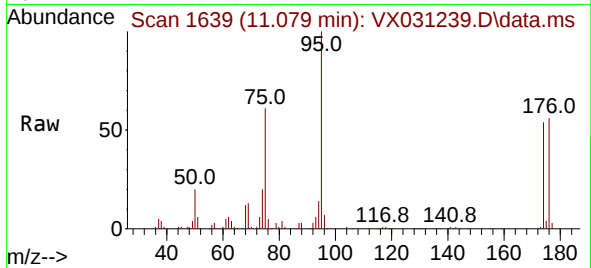




#76
1,2,3-Trichloropropane
Concen: 39.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

Instrument :
MSVOA_X
ClientSampleId :
VX0908WBL02

Tgt Ion: 75 Resp: 43263
Ion Ratio Lower Upper
75 100
77 0.5 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.682 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031239.D
Acq: 09 Sep 2022 02:49

Tgt Ion: 75 Resp: 43263
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

