

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031837.D
 Acq On : 03 Oct 2022 16:40
 Operator : JC/MD
 Sample : VX1003WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 07:03:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

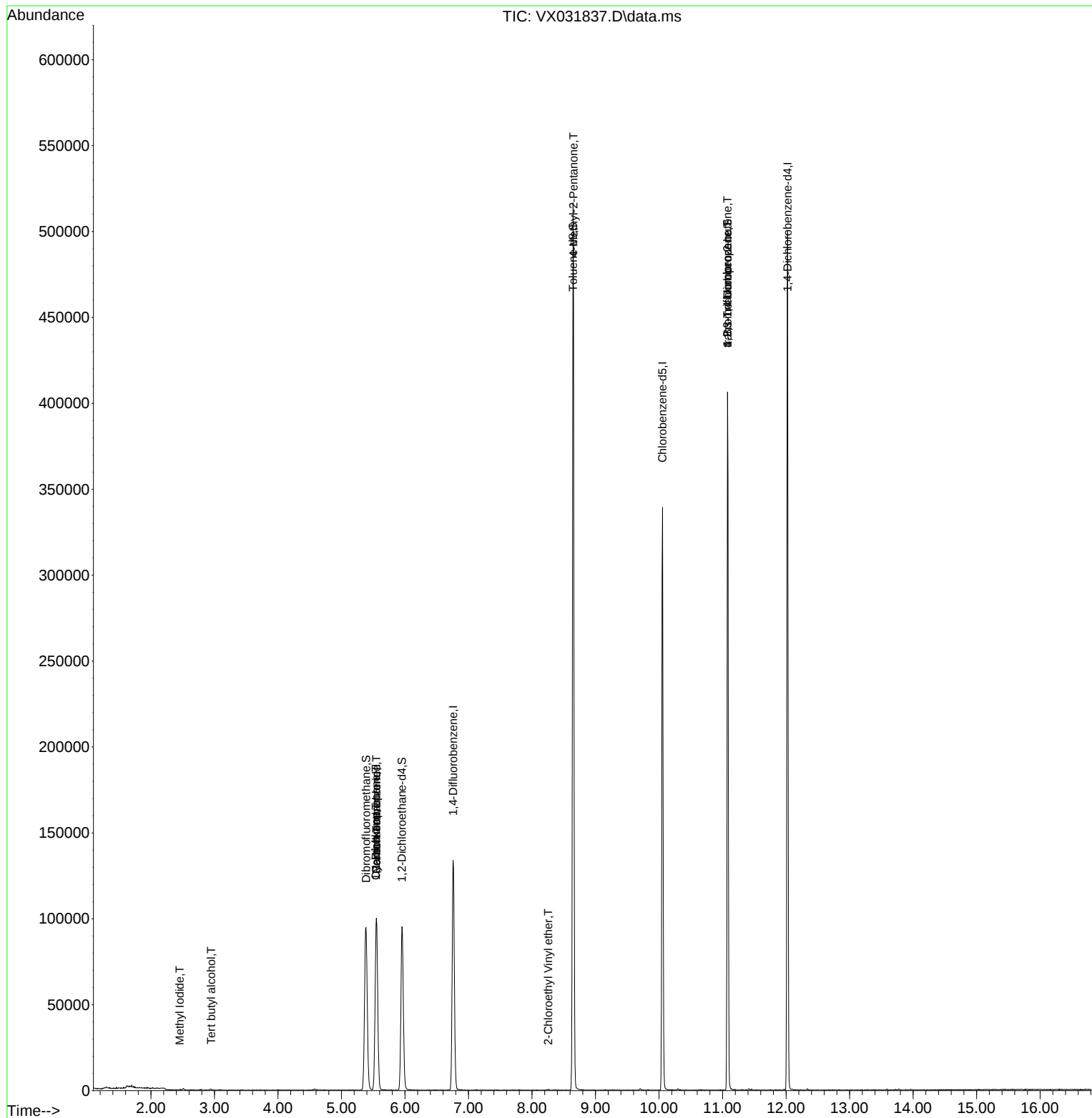
Internal Standards						
1) Pentafluorobenzene	5.550	168	100486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90385	50.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.420%	
35) Dibromofluoromethane	5.385	113	83076	46.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.600%	
50) Toluene-d8	8.647	98	307735	48.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	11.079	95	106503	46.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	600	Below Cal	#	80
6) Chloroethane	1.691	64	149	Below Cal	#	43
10) Methyl Iodide	2.453	142	346	0.241	ug/l #	74
11) Tert butyl alcohol	2.947	59	270	1.077	ug/l #	73
16) Acetone	2.392	43	81	Below Cal	#	45
17) Carbon Disulfide	2.508	76	1144	Below Cal	#	75
31) Cyclohexane	5.544	56	1711	0.798	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	6710	3.049	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9970	3.649	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1041	0.616	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.257	63	213	0.201	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	51226	25.969	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	51226	89.147	ug/l #	11

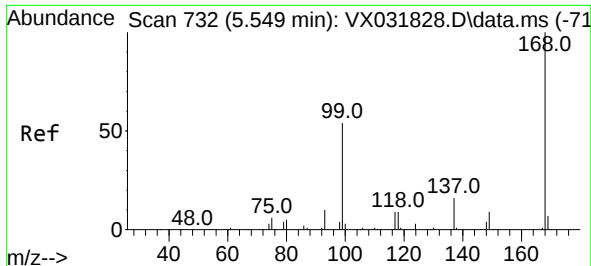
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
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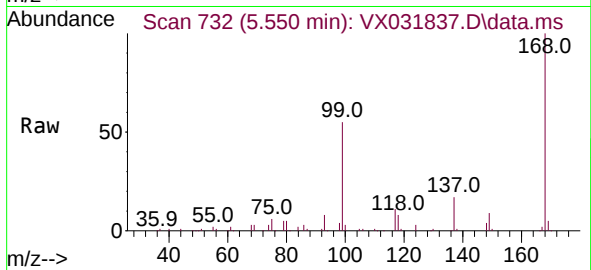
Quant Time: Oct 04 07:03:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
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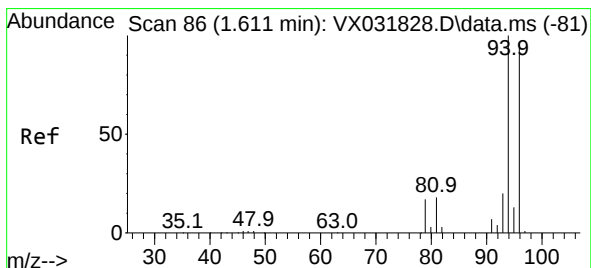
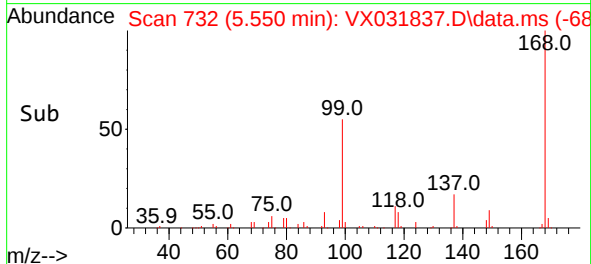
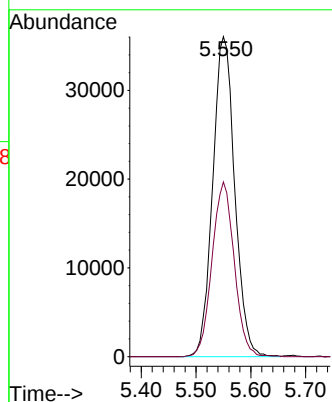


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

Instrument :
MSVOA_X
ClientSampleId :

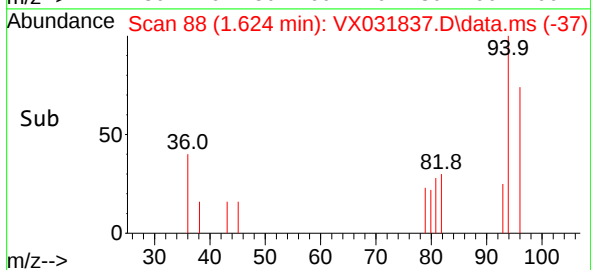
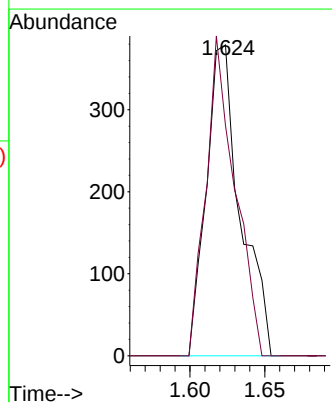
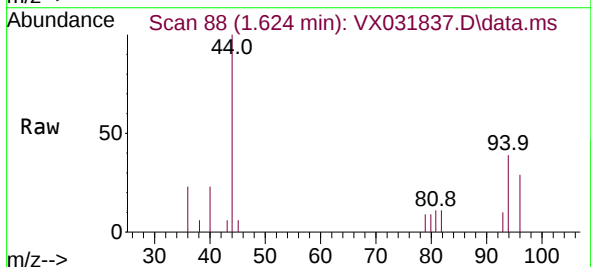


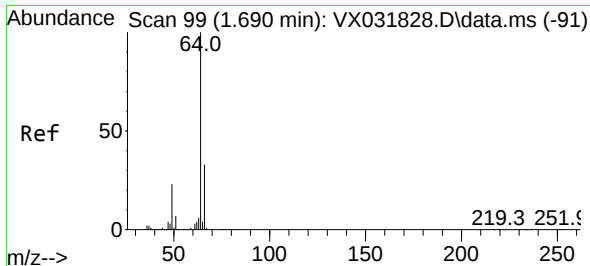
Tgt Ion:168 Resp: 100486
Ion Ratio Lower Upper
168 100
99 54.6 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

Tgt Ion: 94 Resp: 600
Ion Ratio Lower Upper
94 100
96 74.1 74.4 111.6#

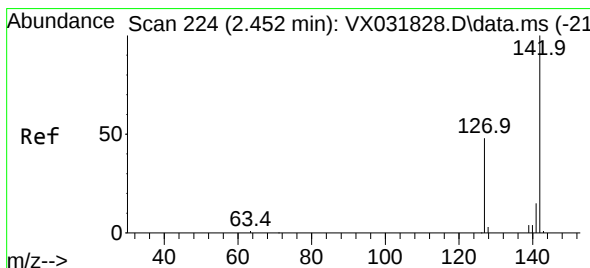
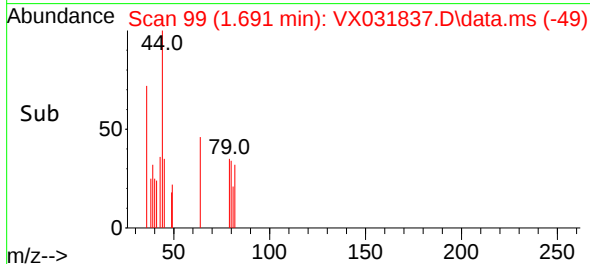
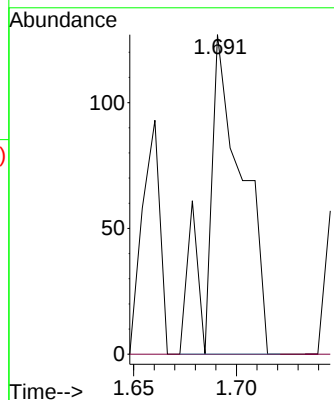
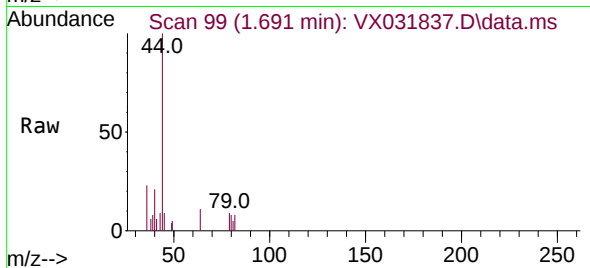




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

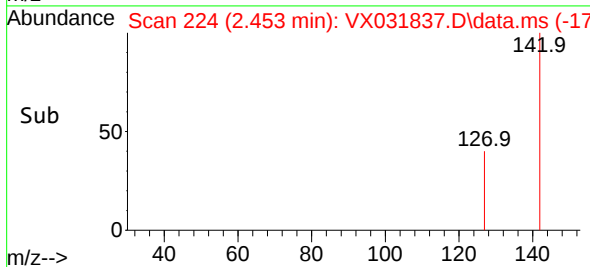
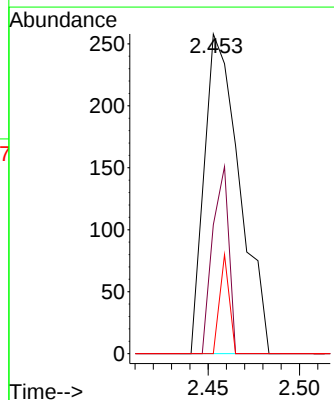
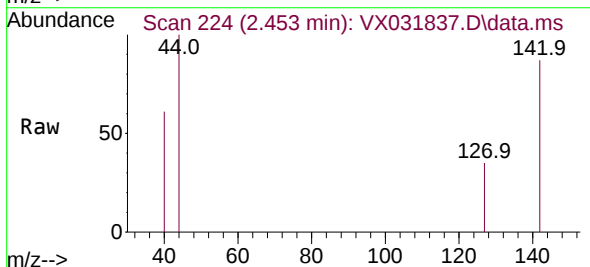
Instrument :
MSVOA_X
ClientSampleId :

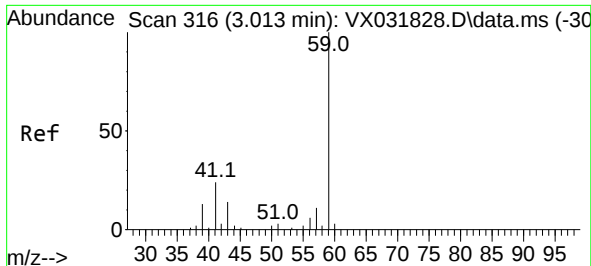
Tgt Ion: 64 Resp: 149
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 0.241 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

Tgt Ion: 142 Resp: 346
Ion Ratio Lower Upper
142 100
127 26.9 37.4 56.0#
141 8.4 11.6 17.4#





#11

Tert butyl alcohol

Concen: 1.077 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.134 min

Lab File: VX031837.D

Acq: 03 Oct 2022 16:40

Instrument :

MSVOA_X

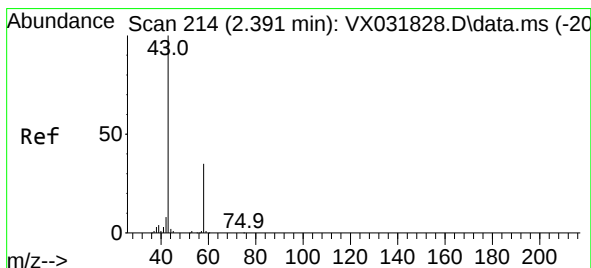
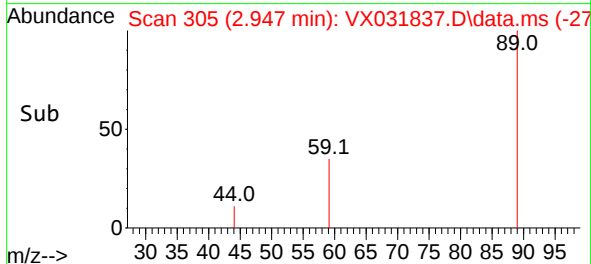
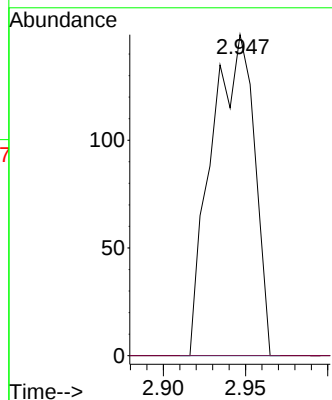
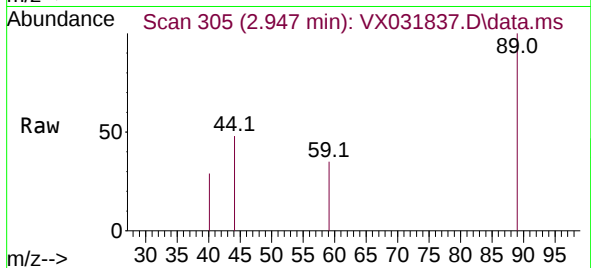
ClientSampleId :

Tgt Ion: 59 Resp: 270

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX031837.D

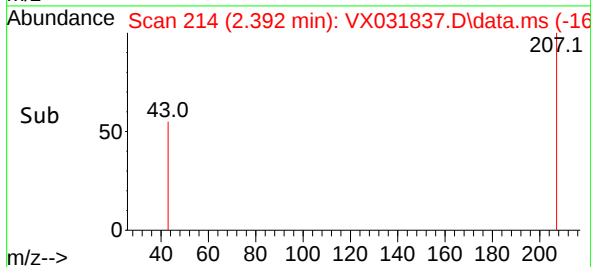
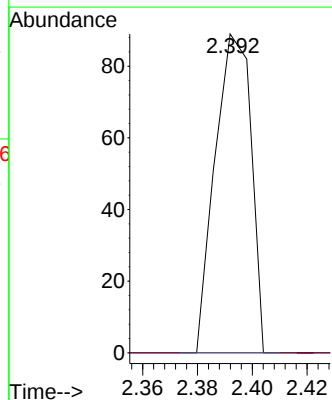
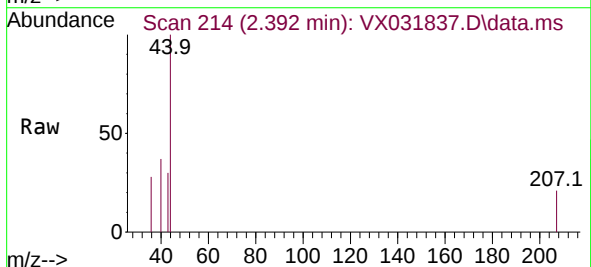
Acq: 03 Oct 2022 16:40

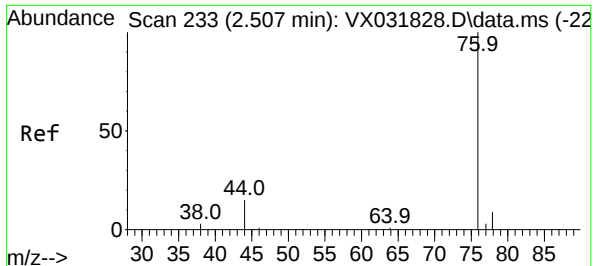
Tgt Ion: 43 Resp: 81

Ion Ratio Lower Upper

43 100

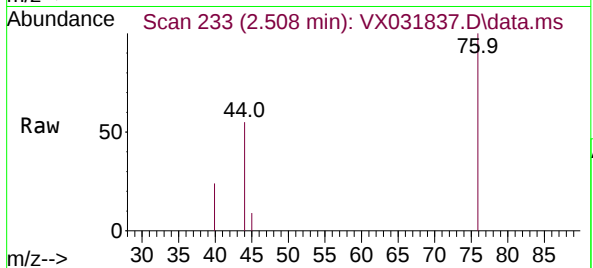
58 0.0 23.8 35.8#



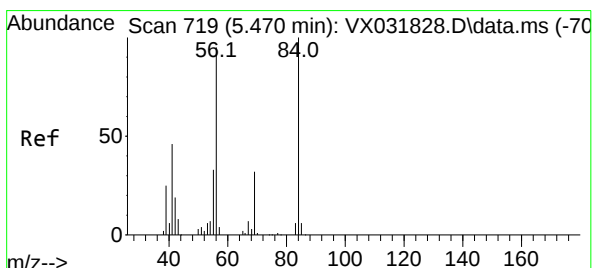
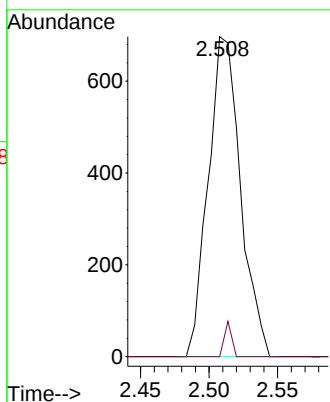


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

Instrument :
MSVOA_X
ClientSampleId :

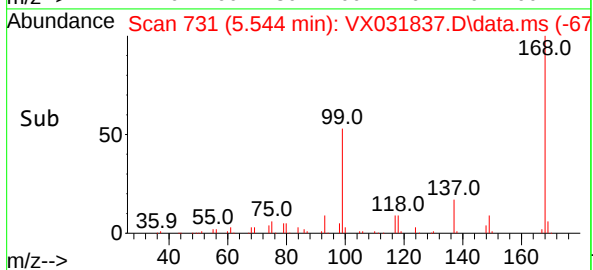
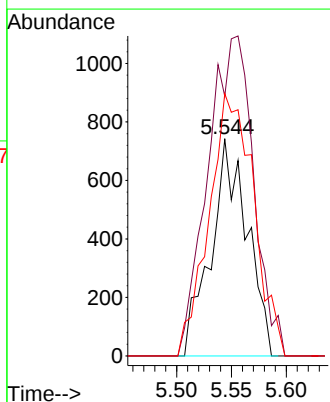
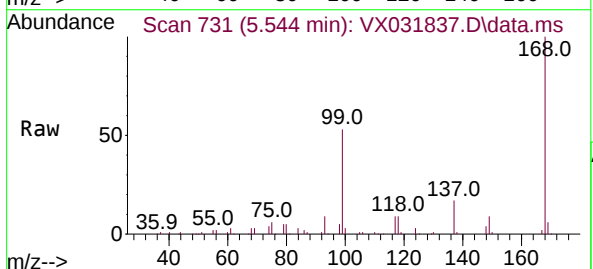


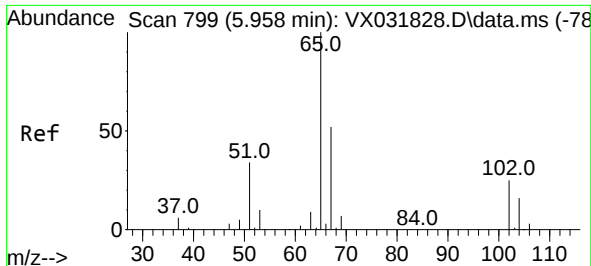
Tgt Ion: 76 Resp: 1144
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 0.798 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

Tgt Ion: 56 Resp: 1711
Ion Ratio Lower Upper
56 100
69 119.5 25.1 37.7#
84 120.7 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 50.207 ug/l

RT: 5.952 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031837.D

Acq: 03 Oct 2022 16:40

Instrument :

MSVOA_X

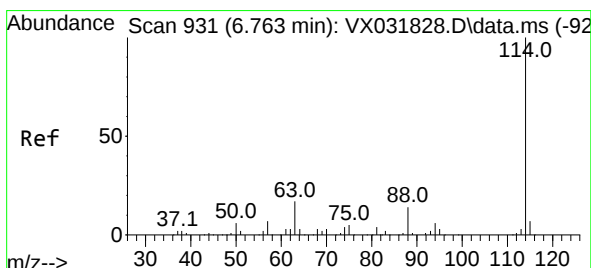
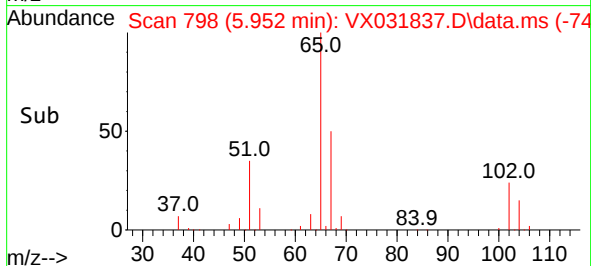
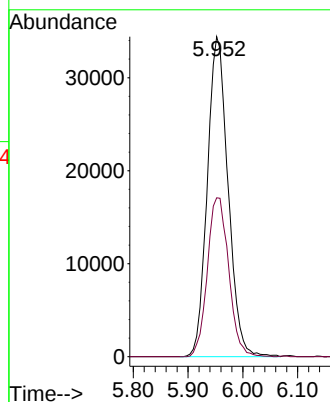
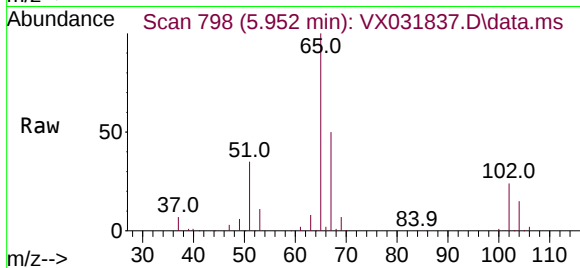
ClientSampleId :

Tgt Ion: 65 Resp: 90385

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031837.D

Acq: 03 Oct 2022 16:40

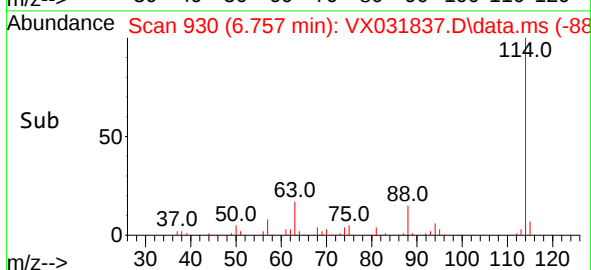
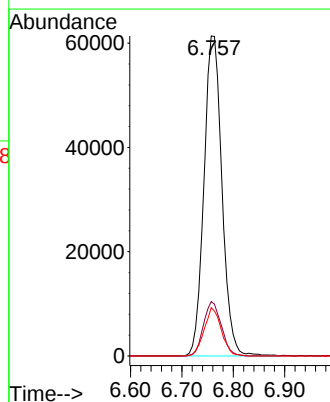
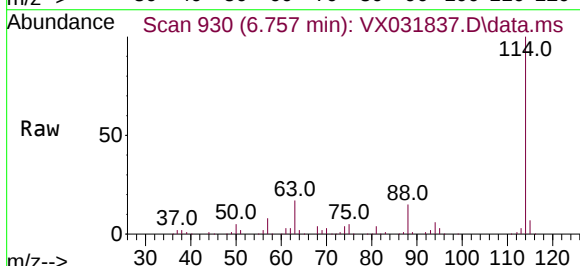
Tgt Ion: 114 Resp: 149393

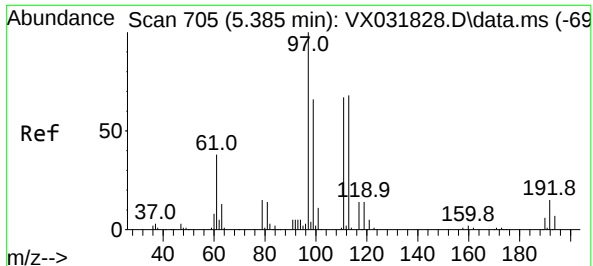
Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.6

88 15.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 46.805 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

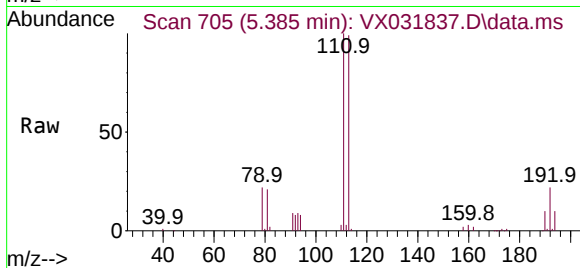
Lab File: VX031837.D

Acq: 03 Oct 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :



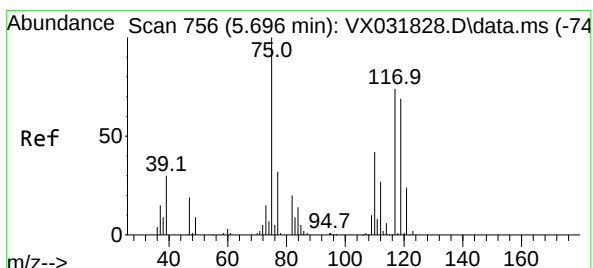
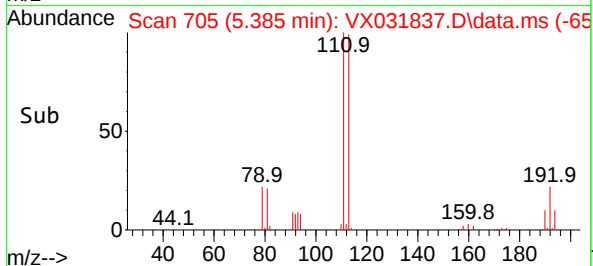
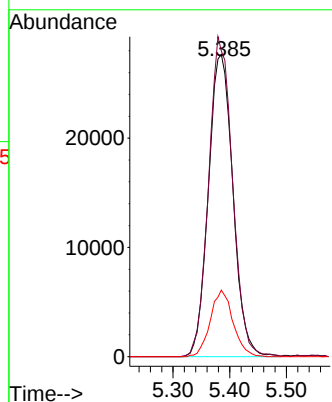
Tgt Ion:113 Resp: 83076

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 20.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.049 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX031837.D

Acq: 03 Oct 2022 16:40

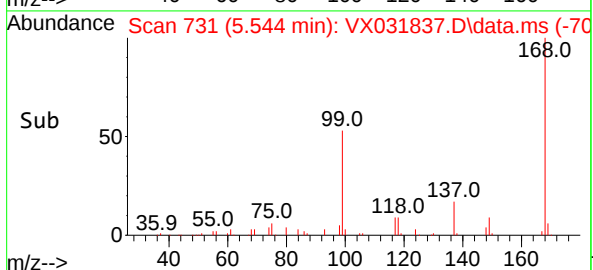
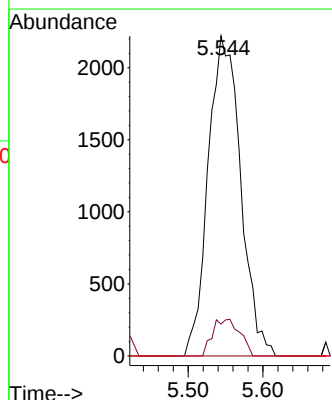
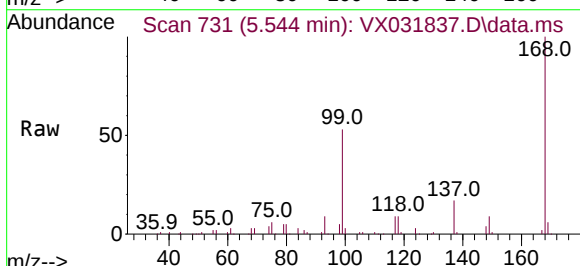
Tgt Ion: 75 Resp: 6710

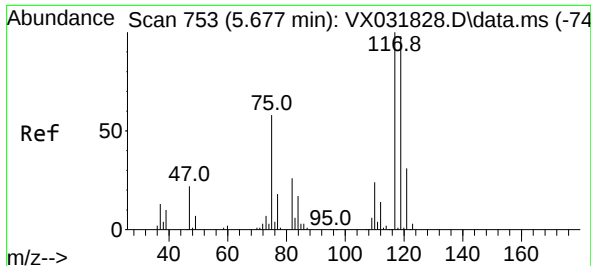
Ion Ratio Lower Upper

75 100

110 9.6 17.5 52.5#

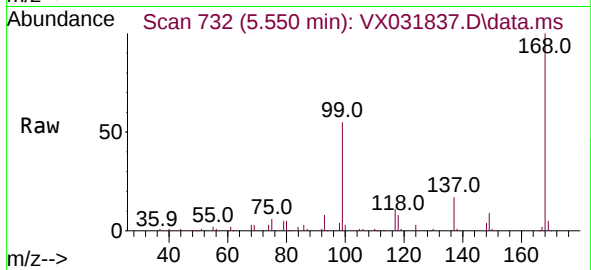
77 0.0 24.9 37.3#



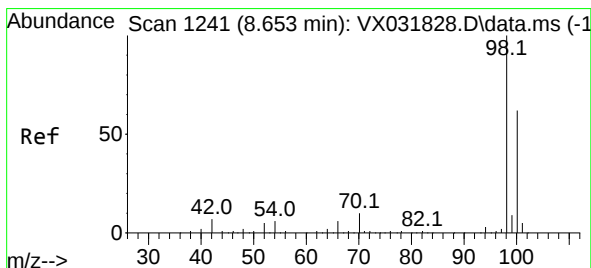
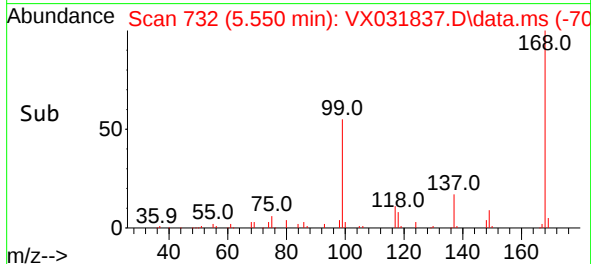
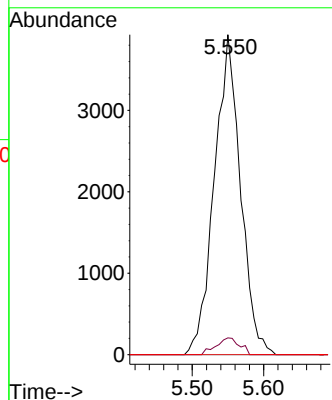


#38
Carbon Tetrachloride
Concen: 3.649 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

Instrument :
MSVOA_X
ClientSampleId :

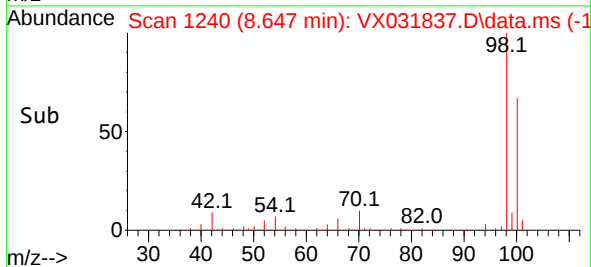
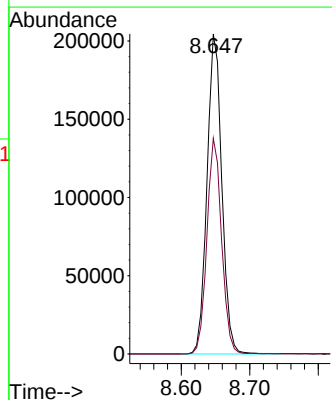
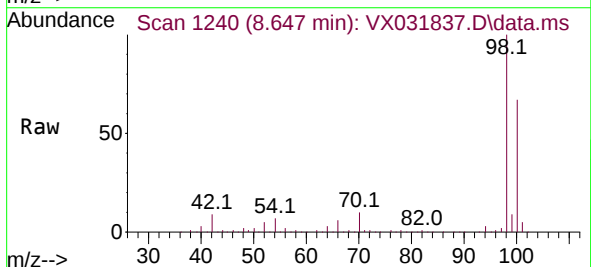


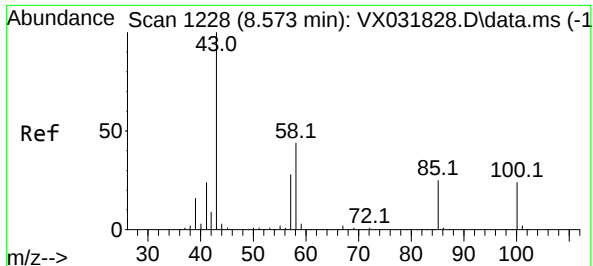
Tgt Ion:117 Resp: 9970
Ion Ratio Lower Upper
117 100
119 5.3 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.465 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

Tgt Ion: 98 Resp: 307735
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.616 ug/l

RT: 8.653 min Scan# 1176

Delta R.T. 0.073 min

Lab File: VX031837.D

Acq: 03 Oct 2022 16:40

Instrument :

MSVOA_X

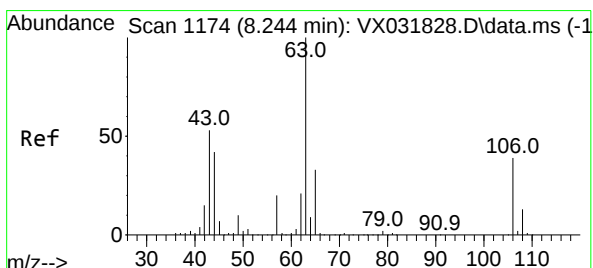
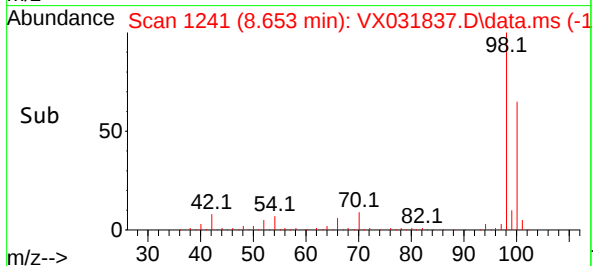
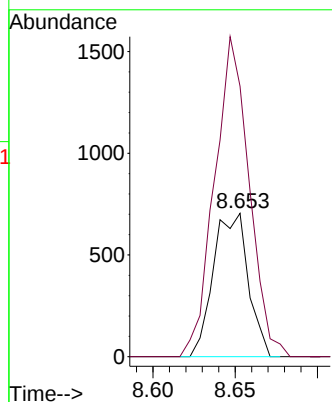
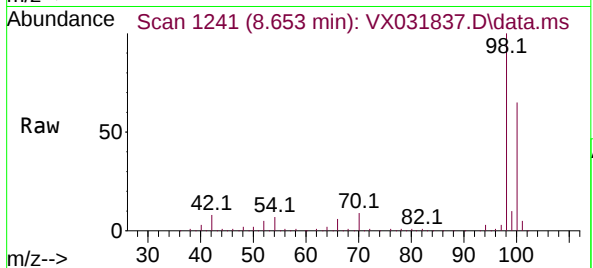
ClientSampleId :

Tgt Ion: 43 Resp: 1041

Ion Ratio Lower Upper

43 100

58 221.4 30.6 46.0#



#58

2-Chloroethyl Vinyl ether

Concen: 0.201 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.013 min

Lab File: VX031837.D

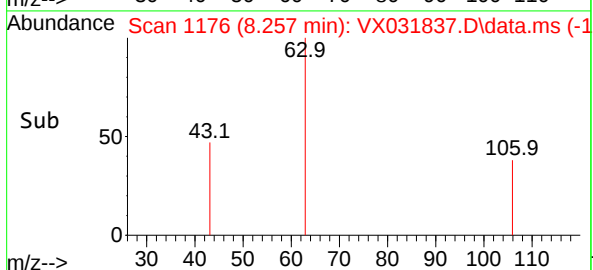
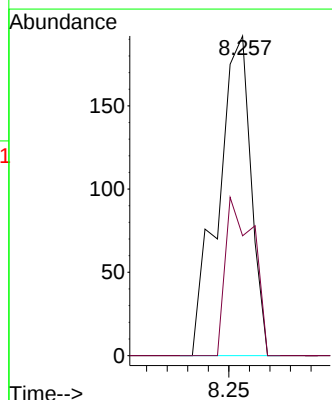
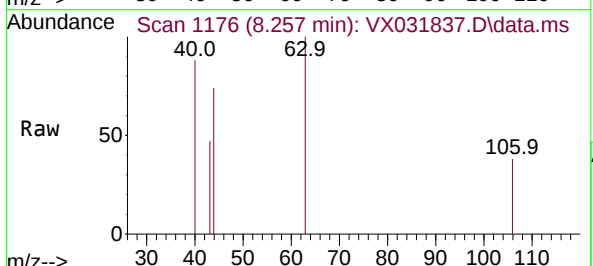
Acq: 03 Oct 2022 16:40

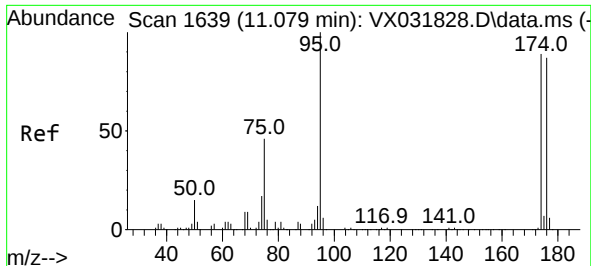
Tgt Ion: 63 Resp: 213

Ion Ratio Lower Upper

63 100

106 42.3 22.6 34.0#

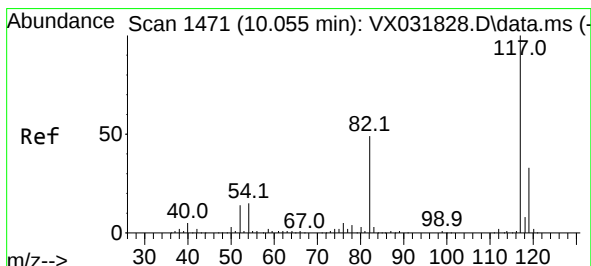
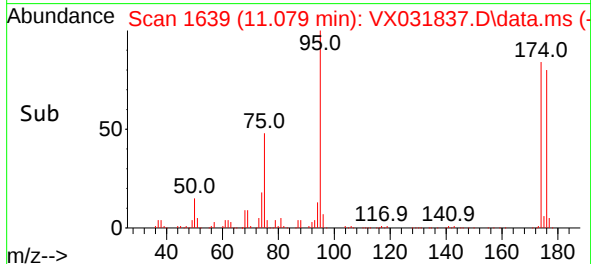
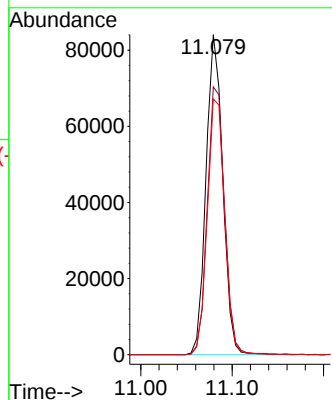
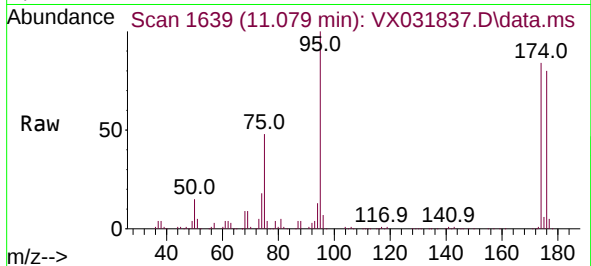




#62
4-Bromofluorobenzene
Concen: 46.578 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

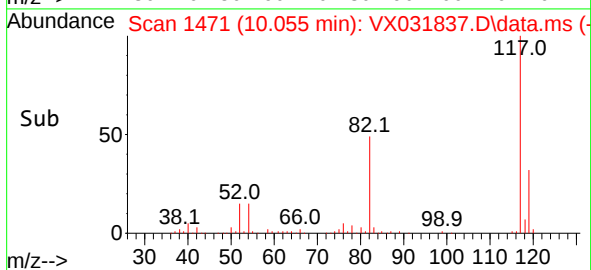
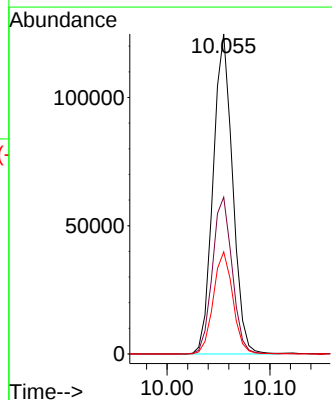
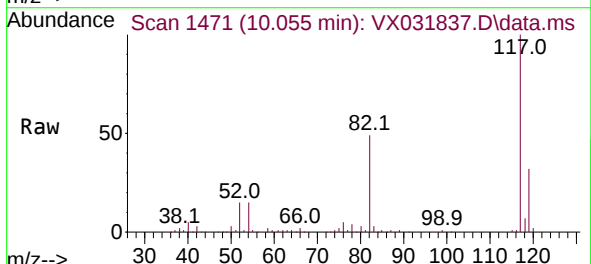
Instrument :
MSVOA_X
ClientSampleId :

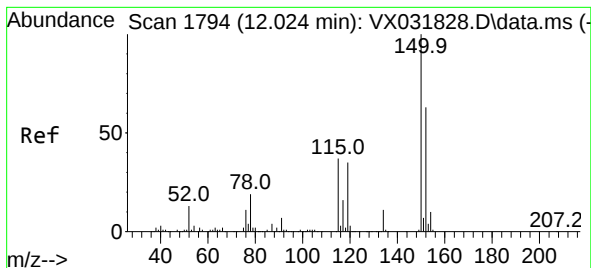
Tgt Ion: 95 Resp: 106503
Ion Ratio Lower Upper
95 100
174 86.9 0.0 153.2
176 83.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031837.D
Acq: 03 Oct 2022 16:40

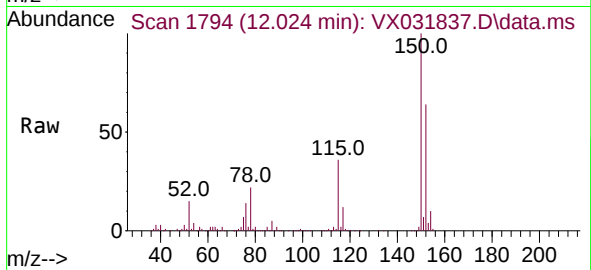
Tgt Ion: 117 Resp: 164226
Ion Ratio Lower Upper
117 100
82 49.0 46.8 70.2
119 31.9 26.4 39.6



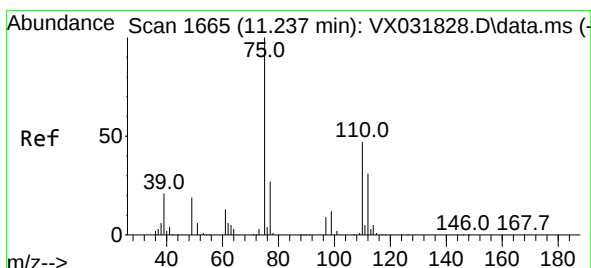
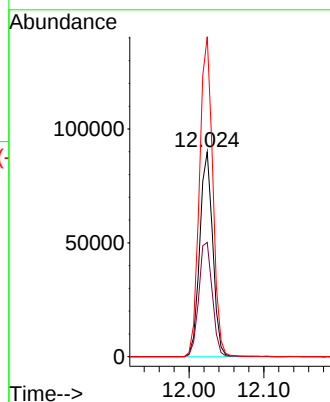
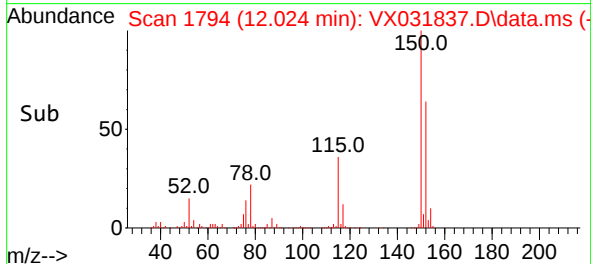


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031837.D
 Acq: 03 Oct 2022 16:40

Instrument :
 MSVOA_X
 ClientSampleId :

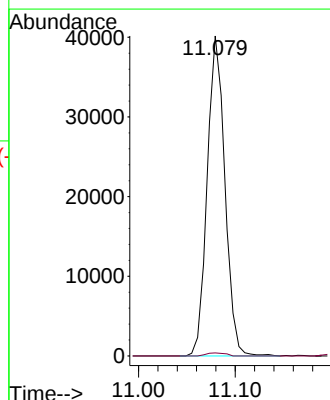
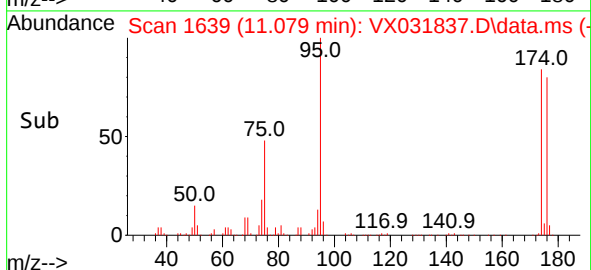
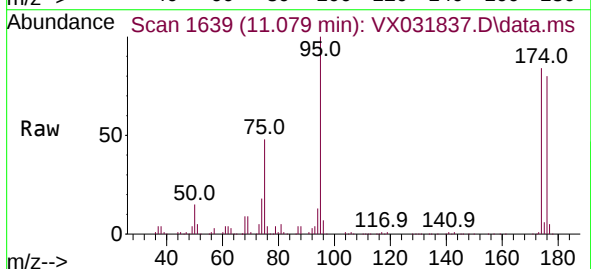


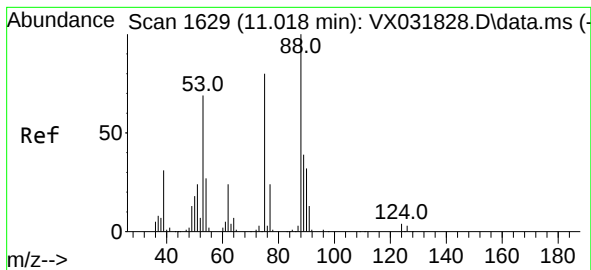
Tgt Ion:152 Resp: 108421
 Ion Ratio Lower Upper
 152 100
 115 58.2 43.4 130.1
 150 159.8 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 25.969 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031837.D
 Acq: 03 Oct 2022 16:40

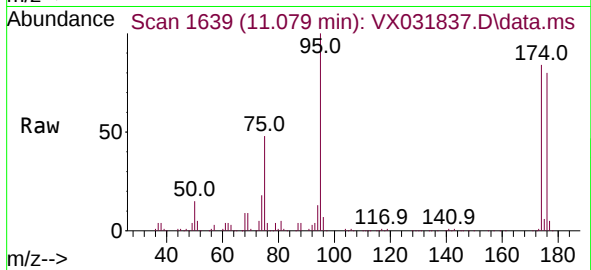
Tgt Ion: 75 Resp: 51226
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.147 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX031837.D
 Acq: 03 Oct 2022 16:40

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 51226
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

