

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028939.D
 Acq On : 25 May 2022 10:48
 Operator : JC/MD
 Sample : VX0525MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBL01

Quant Time: May 26 05:42:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

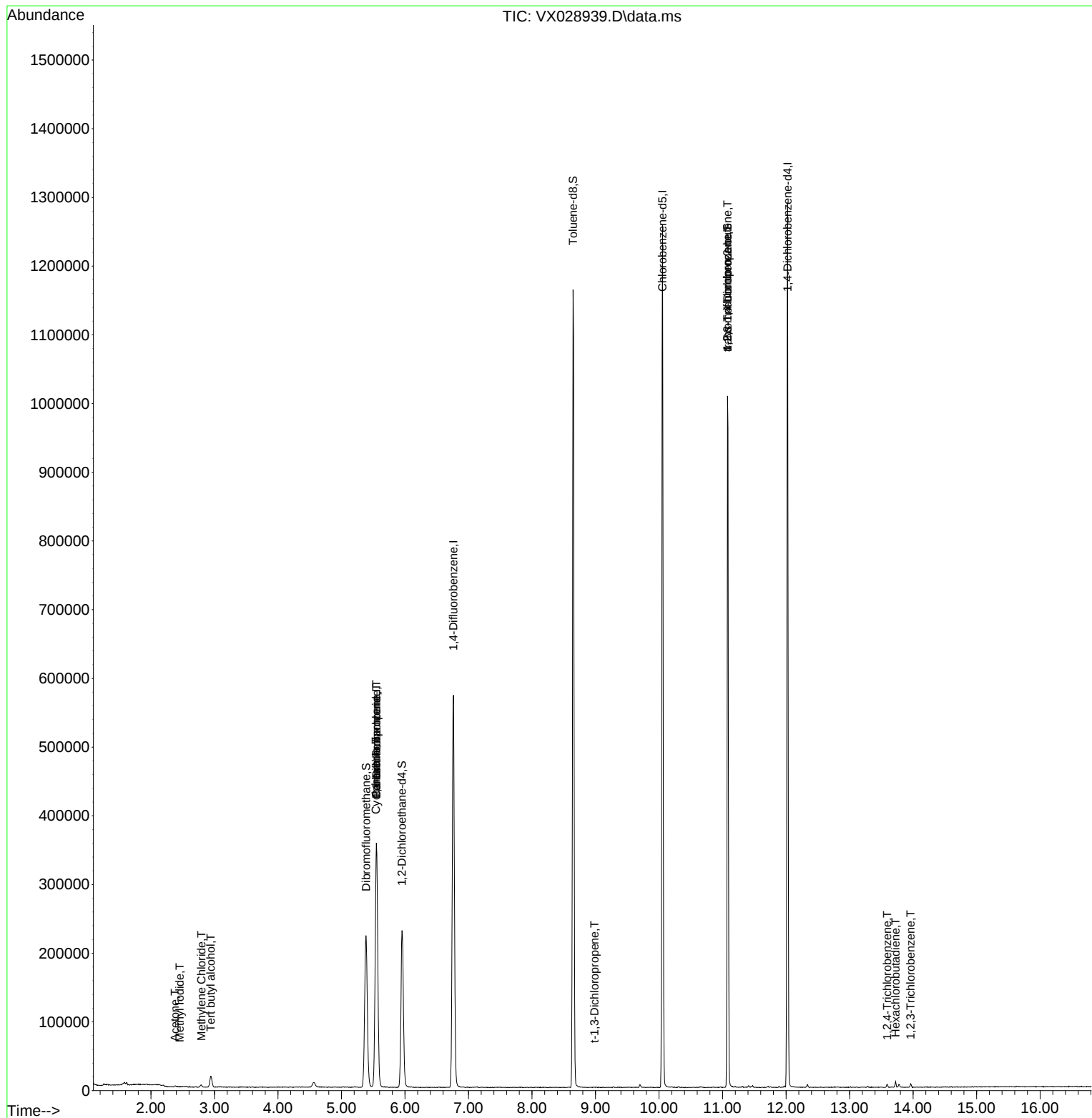
Internal Standards						
1) Pentafluorobenzene	5.550	168	336647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	595192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	571742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	228498	49.516	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.040%			
35) Dibromofluoromethane	5.385	113	197704	50.698	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.400%			
50) Toluene-d8	8.647	98	707806	48.143	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.280%			
62) 4-Bromofluorobenzene	11.079	95	276987	50.440	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.880%			
Target Compounds						
5) Bromomethane	1.617	94	1538	Below Cal		93
6) Chloroethane	1.697	64	434	Below Cal	#	78
10) Methyl Iodide	2.453	142	996	0.222	ug/l	94
11) Tert butyl alcohol	2.940	59	9711	2.001	ug/l	# 74
16) Acetone	2.380	43	1749	0.883	ug/l	# 72
20) Methylene Chloride	2.794	84	1551	0.373	ug/l	# 79
31) Cyclohexane	5.544	56	6284	0.981	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	26498	4.524	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	35318	5.992	ug/l	# 16
53) t-1,3-Dichloropropene	8.982	75	90	1.654	ug/l	# 68
76) 1,2,3-Trichloropropane	11.079	75	138053	22.053	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	138053	64.567	ug/l	# 15
93) 1,2,4-Trichlorobenzene	13.591	180	1125	0.211	ug/l	91
94) Hexachlorobutadiene	13.725	225	1186	0.547	ug/l	92
96) 1,2,3-Trichlorobenzene	13.963	180	1514	0.282	ug/l	93

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

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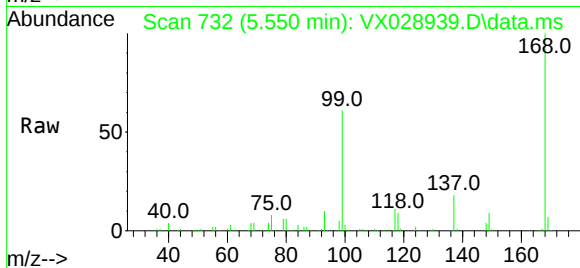
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



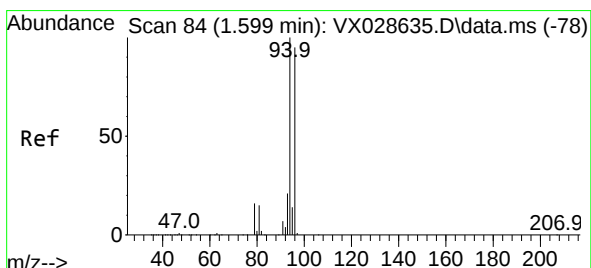
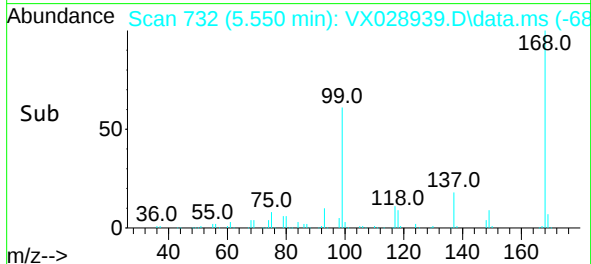
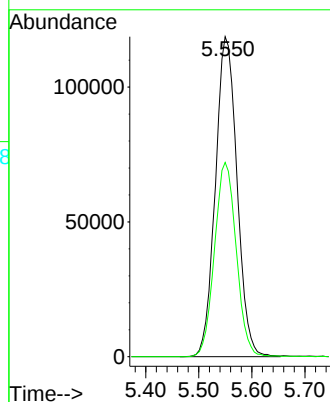


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

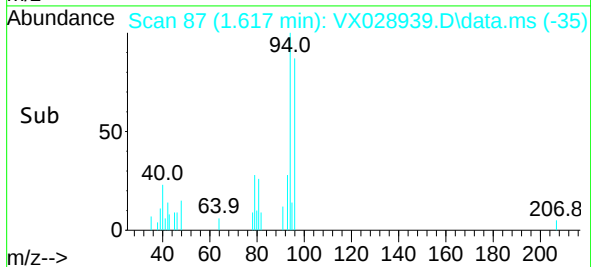
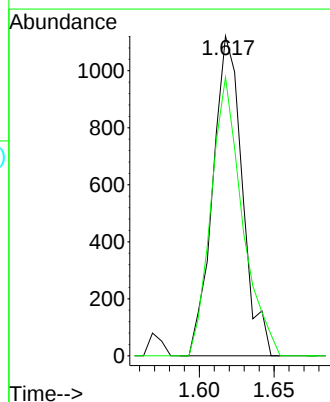
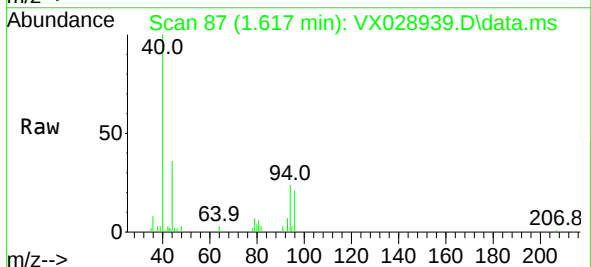


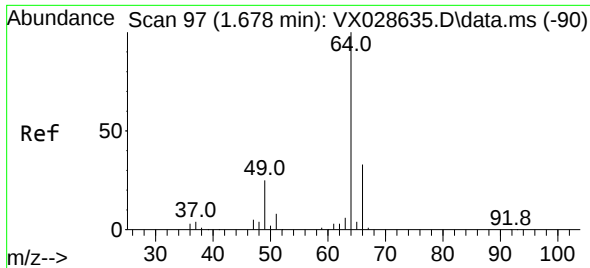
Tgt Ion:168 Resp: 336647
Ion Ratio Lower Upper
168 100
99 60.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

Tgt Ion: 94 Resp: 1538
Ion Ratio Lower Upper
94 100
96 87.1 75.3 112.9

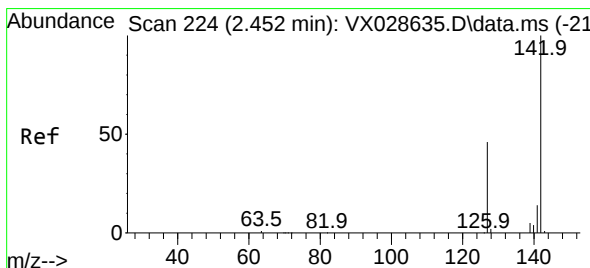
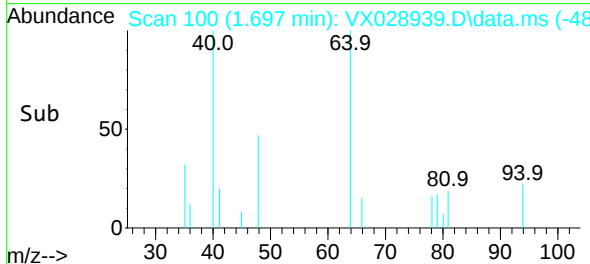
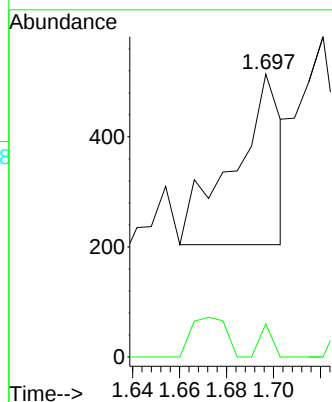
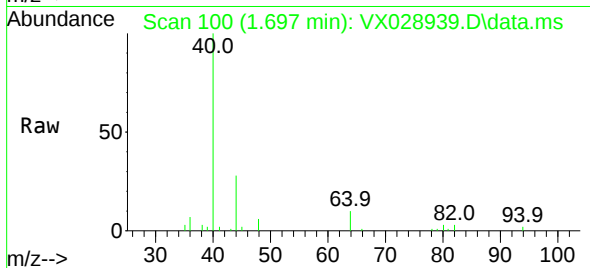




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 10
Delta R.T. 0.019 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

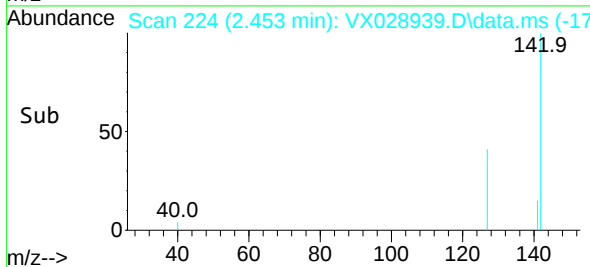
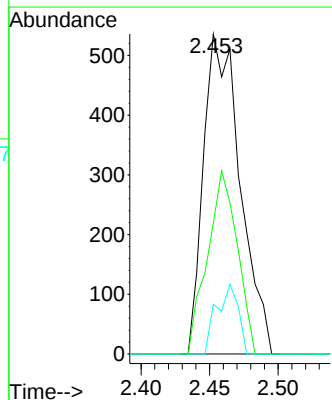
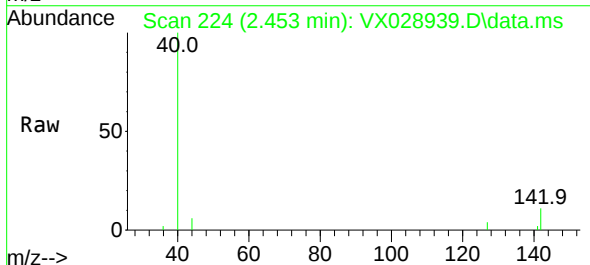
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

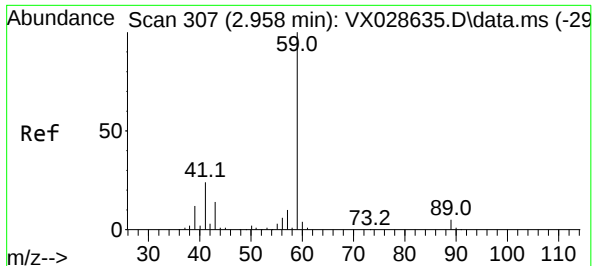
Tgt Ion: 64 Resp: 434
Ion Ratio Lower Upper
64 100
66 19.4 25.3 37.9#



#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

Tgt Ion: 142 Resp: 996
Ion Ratio Lower Upper
142 100
127 46.4 33.9 50.9
141 12.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 2.001 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX028939.D

Acq: 25 May 2022 10:48

Instrument :

MSVOA_X

ClientSampleId :

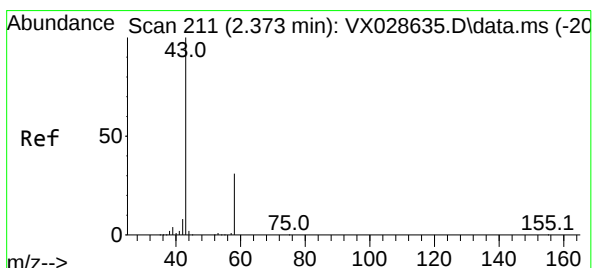
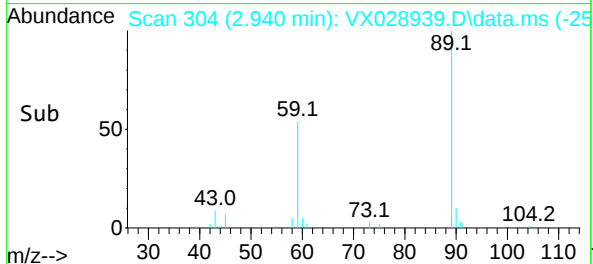
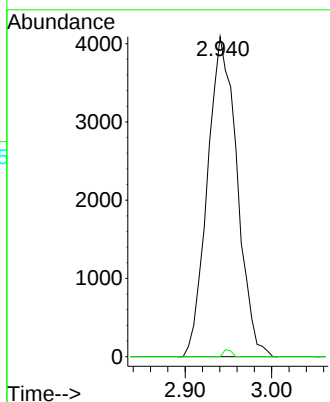
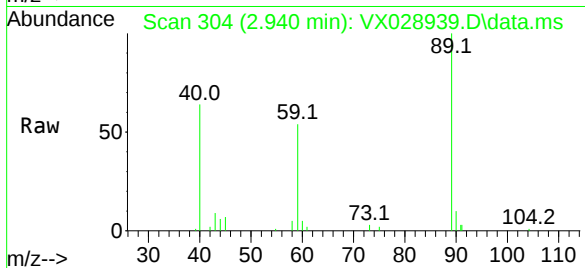
VX0525MBL01

Tgt Ion: 59 Resp: 9711

Ion Ratio Lower Upper

59 100

57 0.6 8.3 12.5#



#16

Acetone

Concen: 0.883 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028939.D

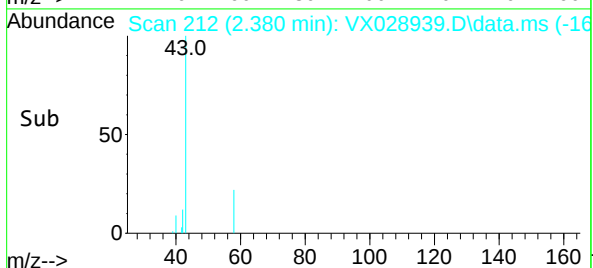
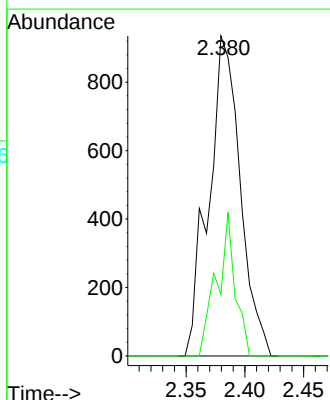
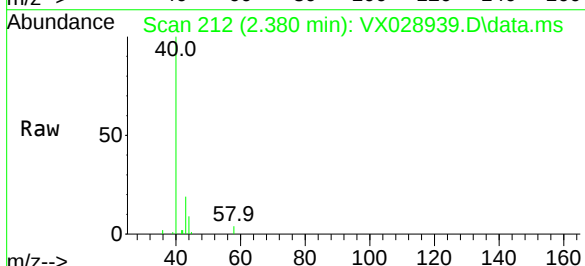
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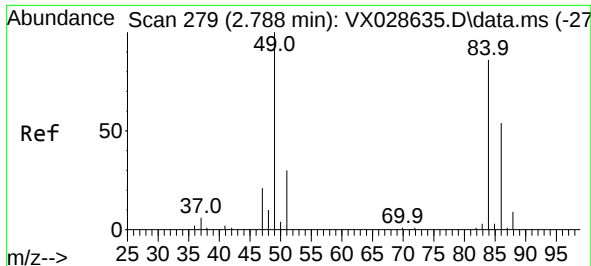
Tgt Ion: 43 Resp: 1749

Ion Ratio Lower Upper

43 100

58 19.3 28.8 43.2#

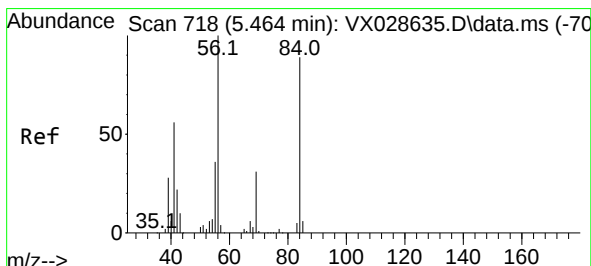
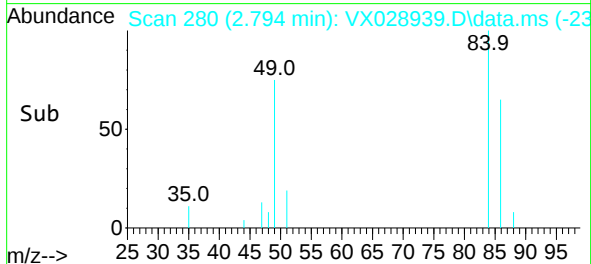
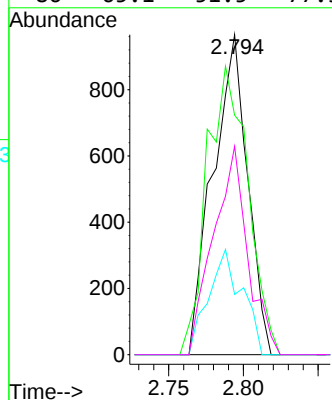
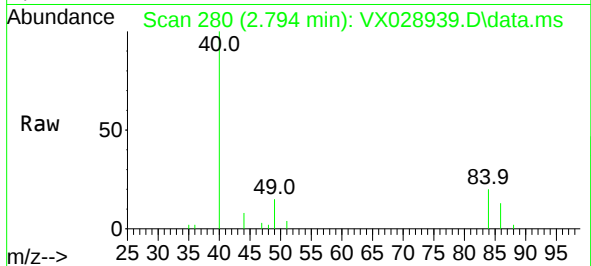




#20
Methylene Chloride
Concen: 0.373 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

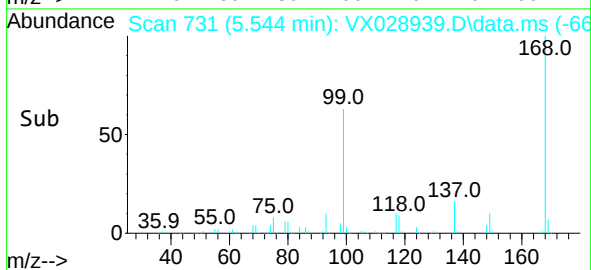
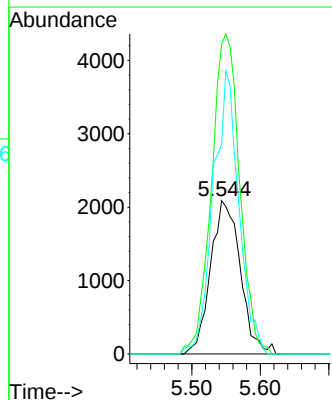
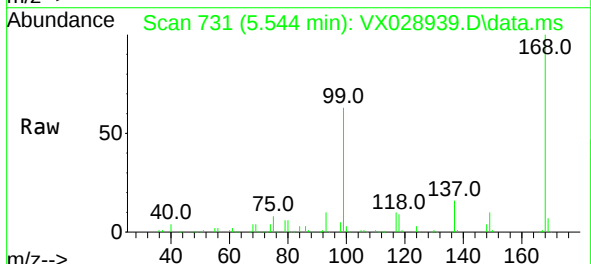
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

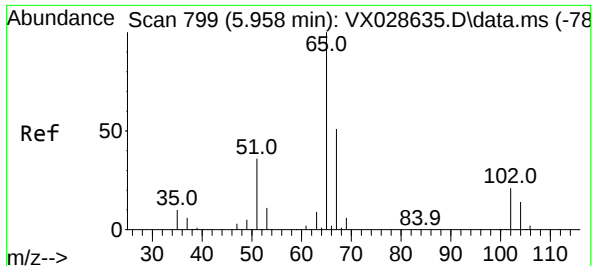
Tgt Ion:	84	Resp:	1551
Ion	Ratio	Lower	Upper
84	100		
49	74.8	85.5	128.3#
51	18.8	26.6	39.8#
86	65.1	51.5	77.3



#31
Cyclohexane
Concen: 0.981 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

Tgt Ion:	56	Resp:	6284
Ion	Ratio	Lower	Upper
56	100		
69	202.1	26.7	40.1#
84	136.6	77.2	115.8#

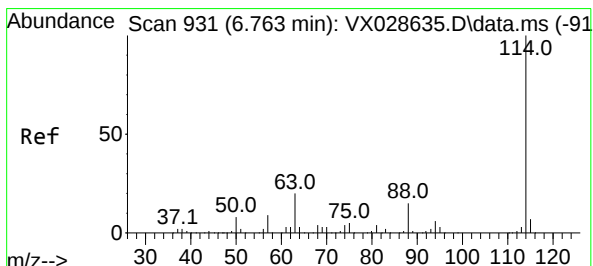
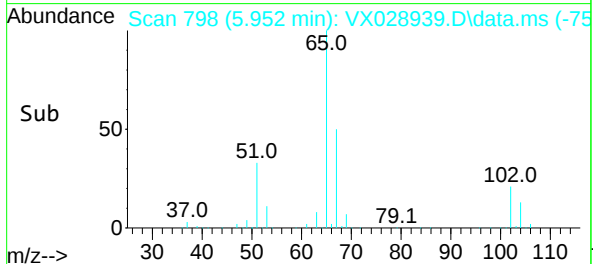
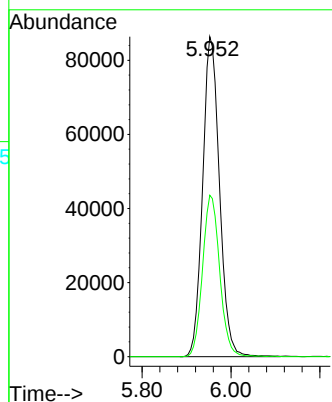
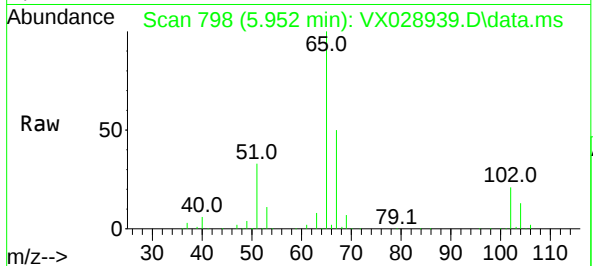




#33
 1,2-Dichloroethane-d4
 Concen: 49.516 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX028939.D
 Acq: 25 May 2022 10:48

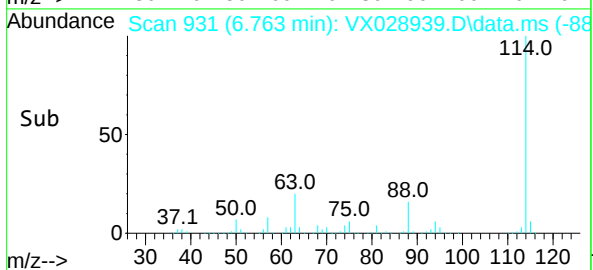
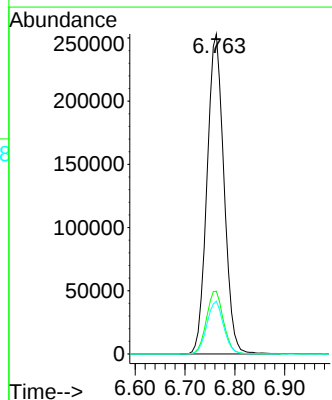
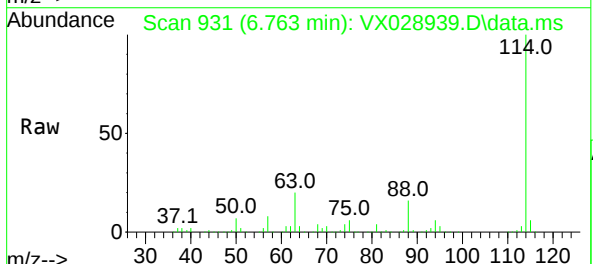
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBL01

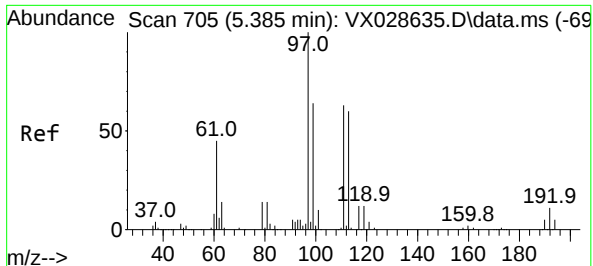
Tgt Ion: 65 Resp: 228498
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028939.D
 Acq: 25 May 2022 10:48

Tgt Ion: 114 Resp: 595192
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 36.8
 88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.698 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028939.D

Acq: 25 May 2022 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBL01

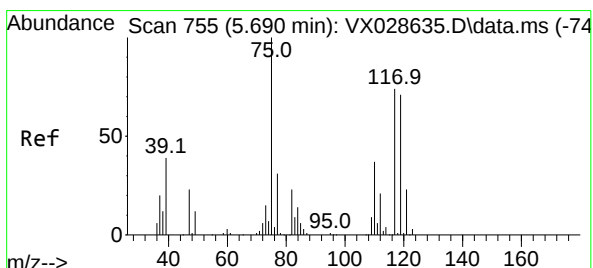
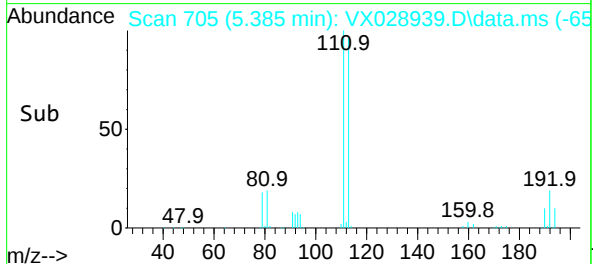
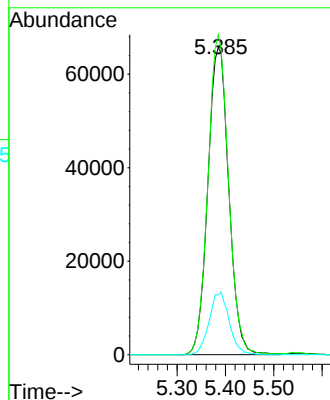
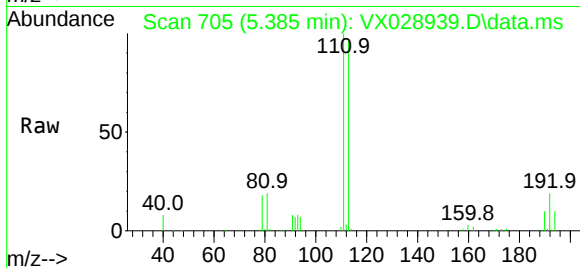
Tgt Ion:113 Resp: 197704

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 19.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028939.D

Acq: 25 May 2022 10:48

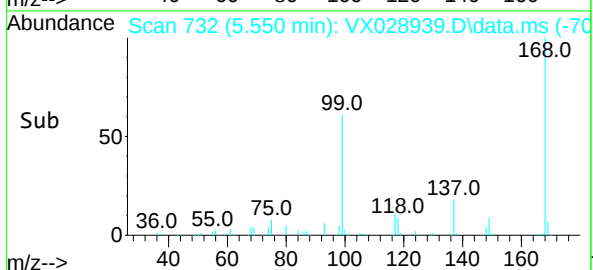
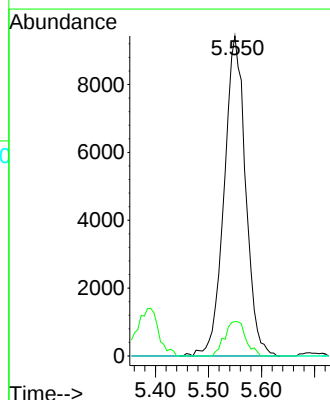
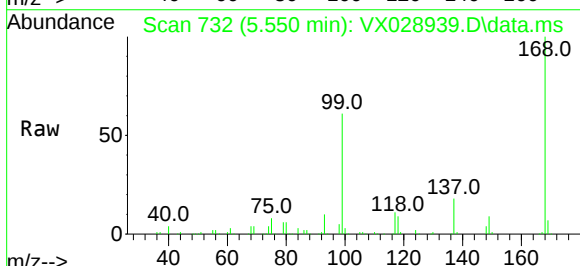
Tgt Ion: 75 Resp: 26498

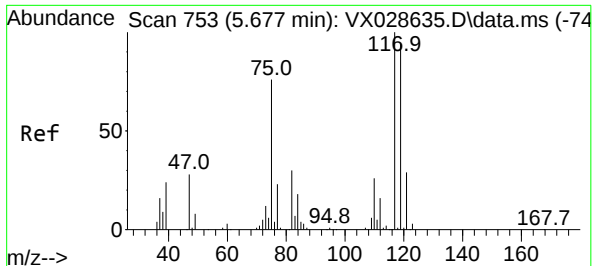
Ion Ratio Lower Upper

75 100

110 10.6 18.3 54.8#

77 0.0 24.8 37.2#

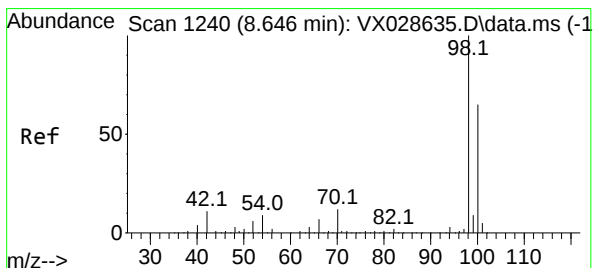
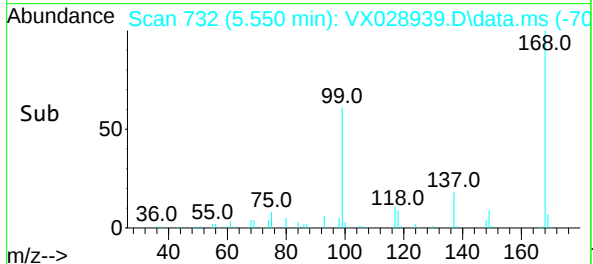
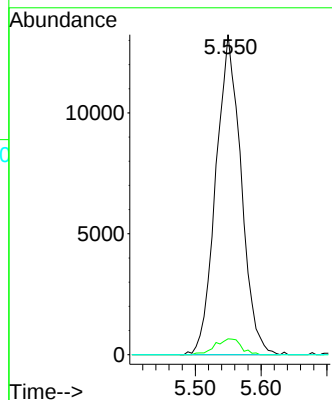
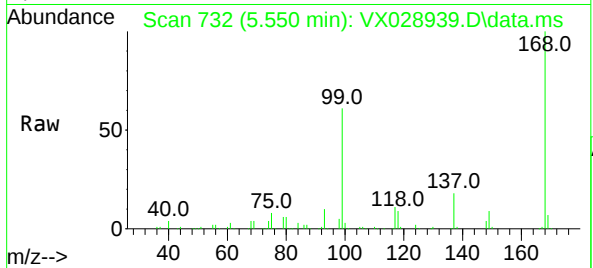




#38
Carbon Tetrachloride
Concen: 5.992 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

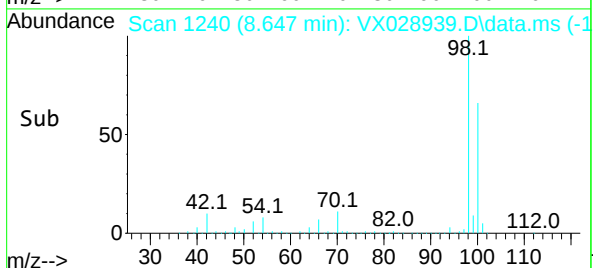
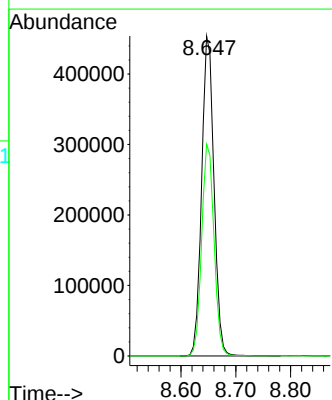
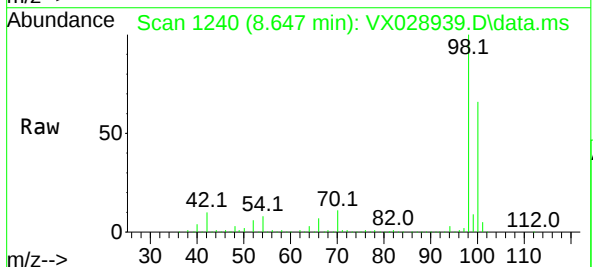
Instrument :
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VX0525MBL01

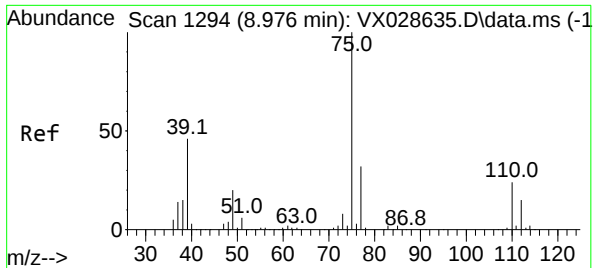
Tgt Ion:117 Resp: 35318
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.143 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

Tgt Ion: 98 Resp: 707806
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

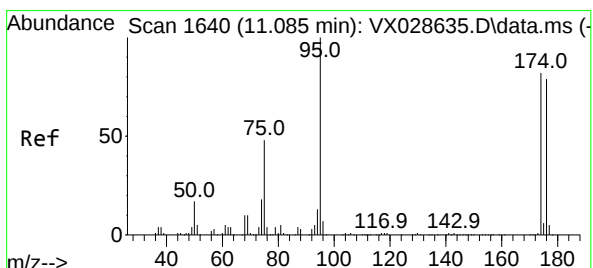
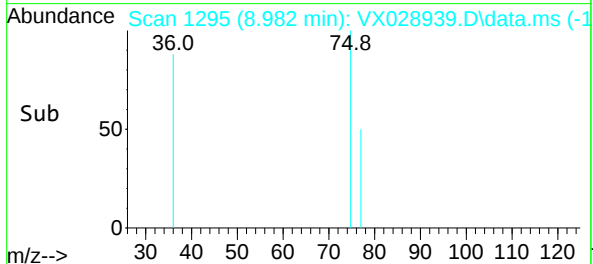
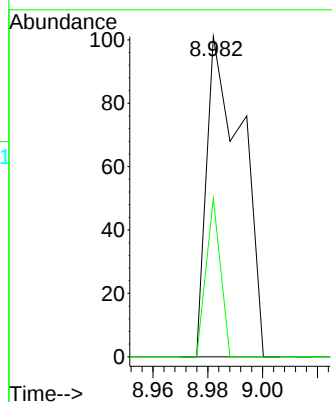
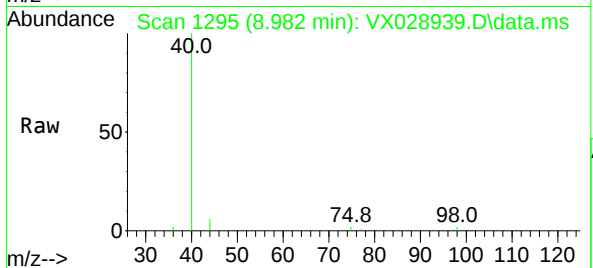




#53
t-1,3-Dichloropropene
Concen: 1.654 ug/l
RT: 8.982 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

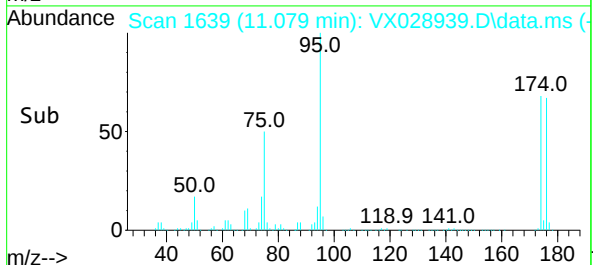
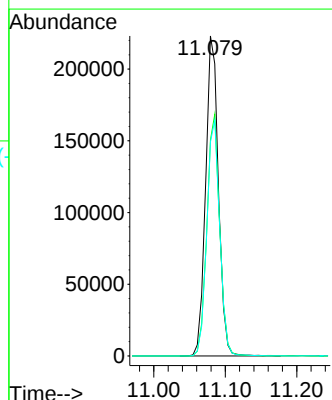
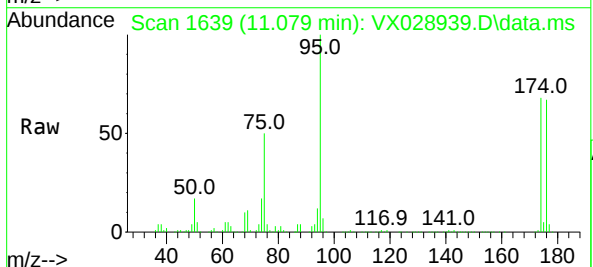
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

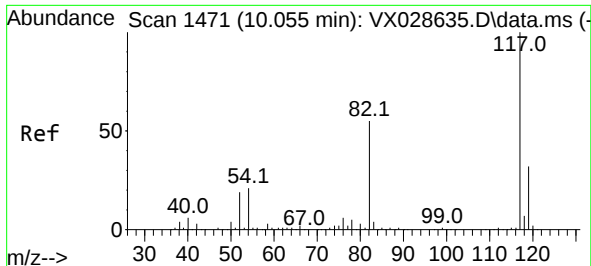
Tgt Ion: 75 Resp: 90
Ion Ratio Lower Upper
75 100
77 49.5 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 50.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

Tgt Ion: 95 Resp: 276987
Ion Ratio Lower Upper
95 100
174 75.4 0.0 163.0
176 74.3 0.0 155.0

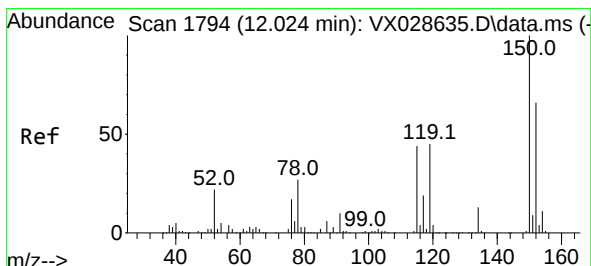
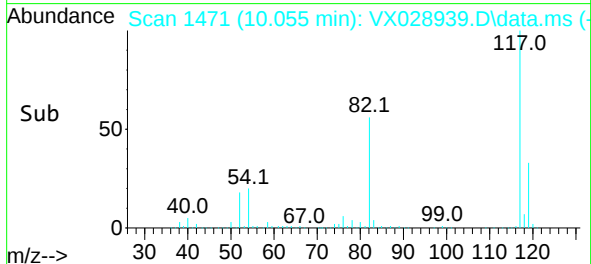
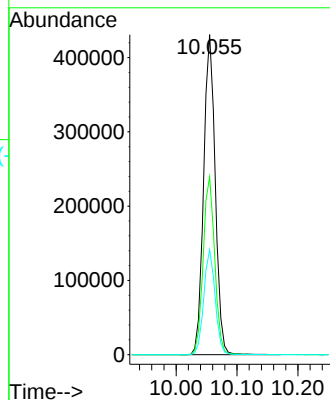
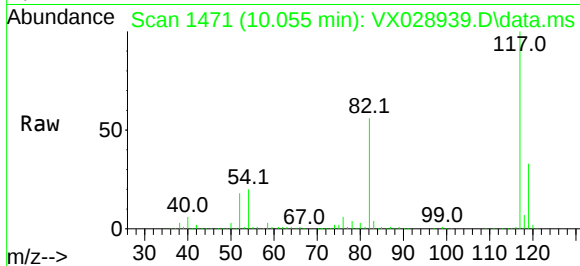




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

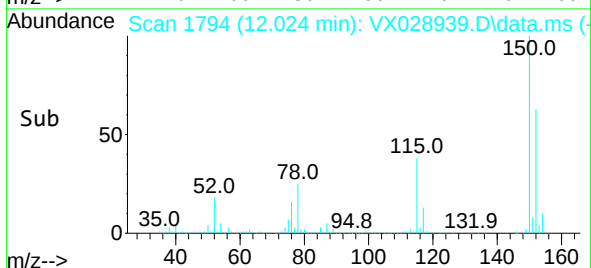
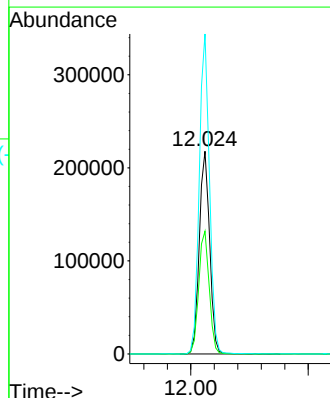
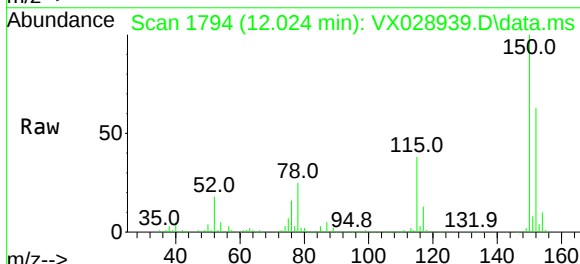
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

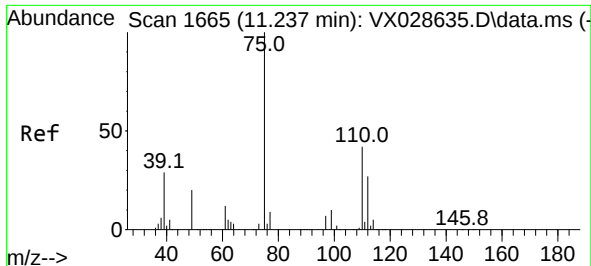
Tgt Ion:117 Resp: 571742
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

Tgt Ion:152 Resp: 267307
Ion Ratio Lower Upper
152 100
115 61.2 37.5 112.7
150 155.8 0.0 338.2

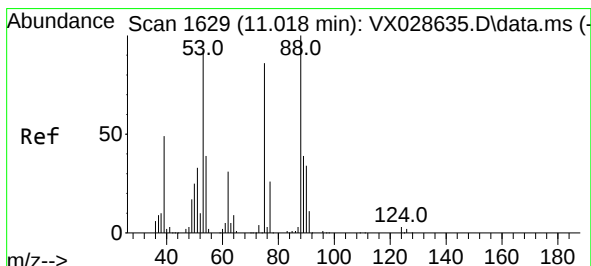
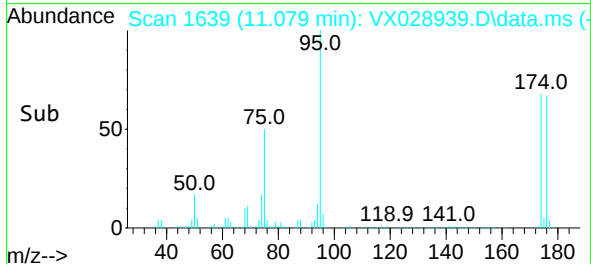
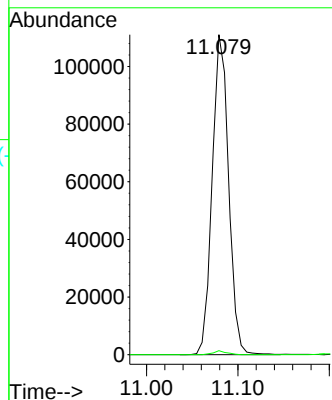
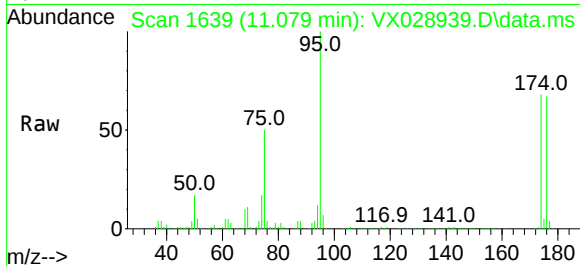




#76
1,2,3-Trichloropropane
Concen: 22.053 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

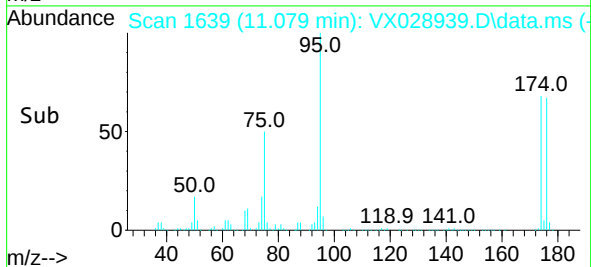
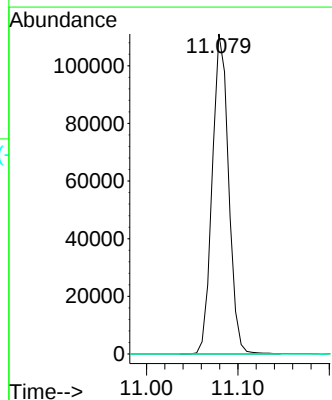
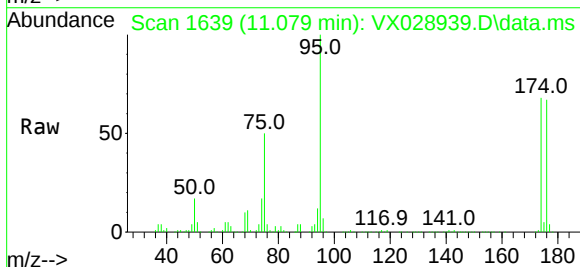
Instrument :
MSVOA_X
ClientSampleId :
VX0525MBL01

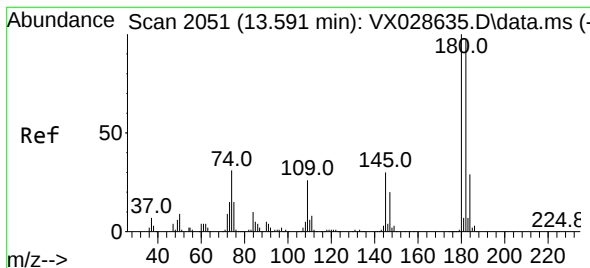
Tgt Ion: 75 Resp: 138053
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.567 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028939.D
Acq: 25 May 2022 10:48

Tgt Ion: 75 Resp: 138053
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.211 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028939.D

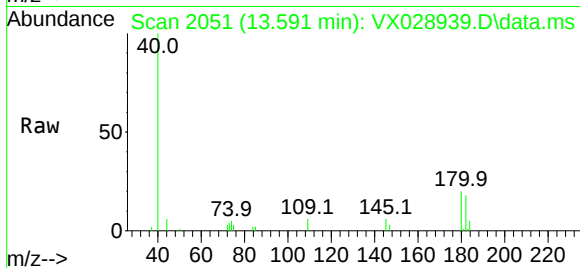
Acq: 25 May 2022 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0525MBL01



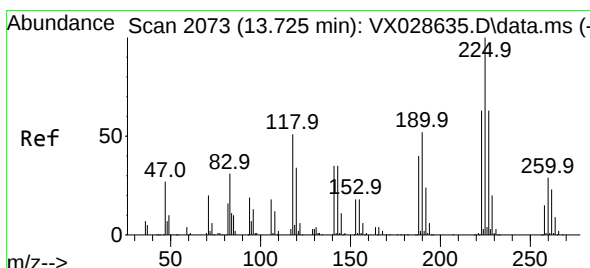
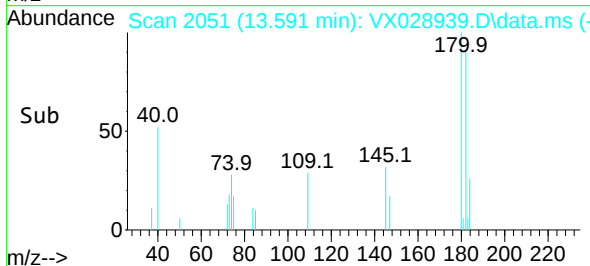
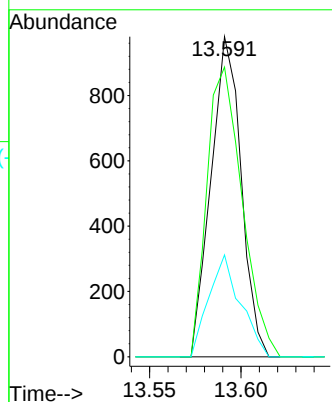
Tgt Ion:180 Resp: 1125

Ion Ratio Lower Upper

180 100

182 105.7 47.7 143.1

145 33.5 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.547 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028939.D

Acq: 25 May 2022 10:48

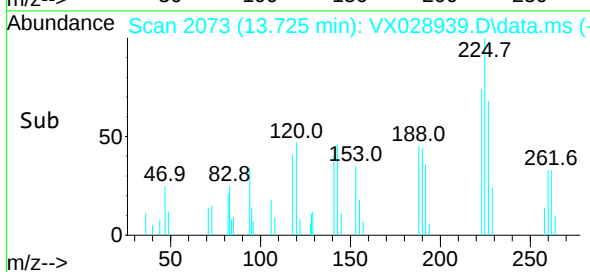
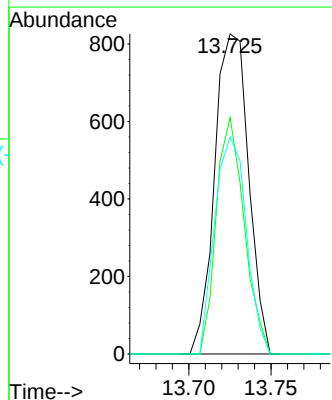
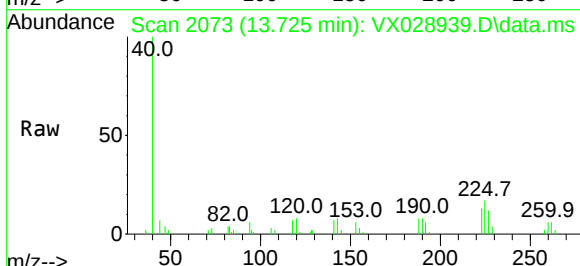
Tgt Ion:225 Resp: 1186

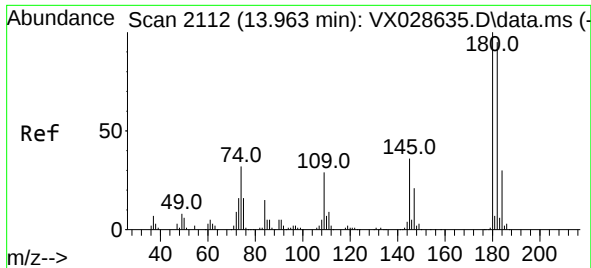
Ion Ratio Lower Upper

225 100

223 60.7 34.2 102.5

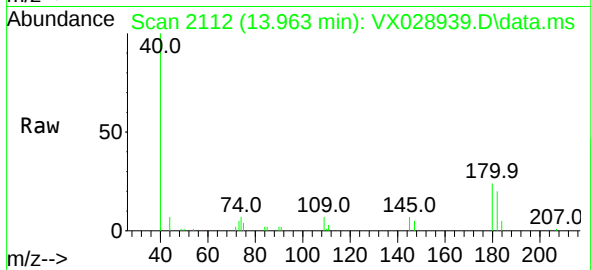
227 63.0 33.9 101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.282 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028939.D
 Acq: 25 May 2022 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBL01



Tgt Ion:	180	Resp:	1514
Ion	Ratio	Lower	Upper
180	100		
182	91.5	50.0	149.8
145	33.0	16.2	48.5

