

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028668.D
 Acq On : 13 May 2022 11:22
 Operator : JC/MD
 Sample : VX0513MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513MBL01

Quant Time: May 16 02:17:45 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)

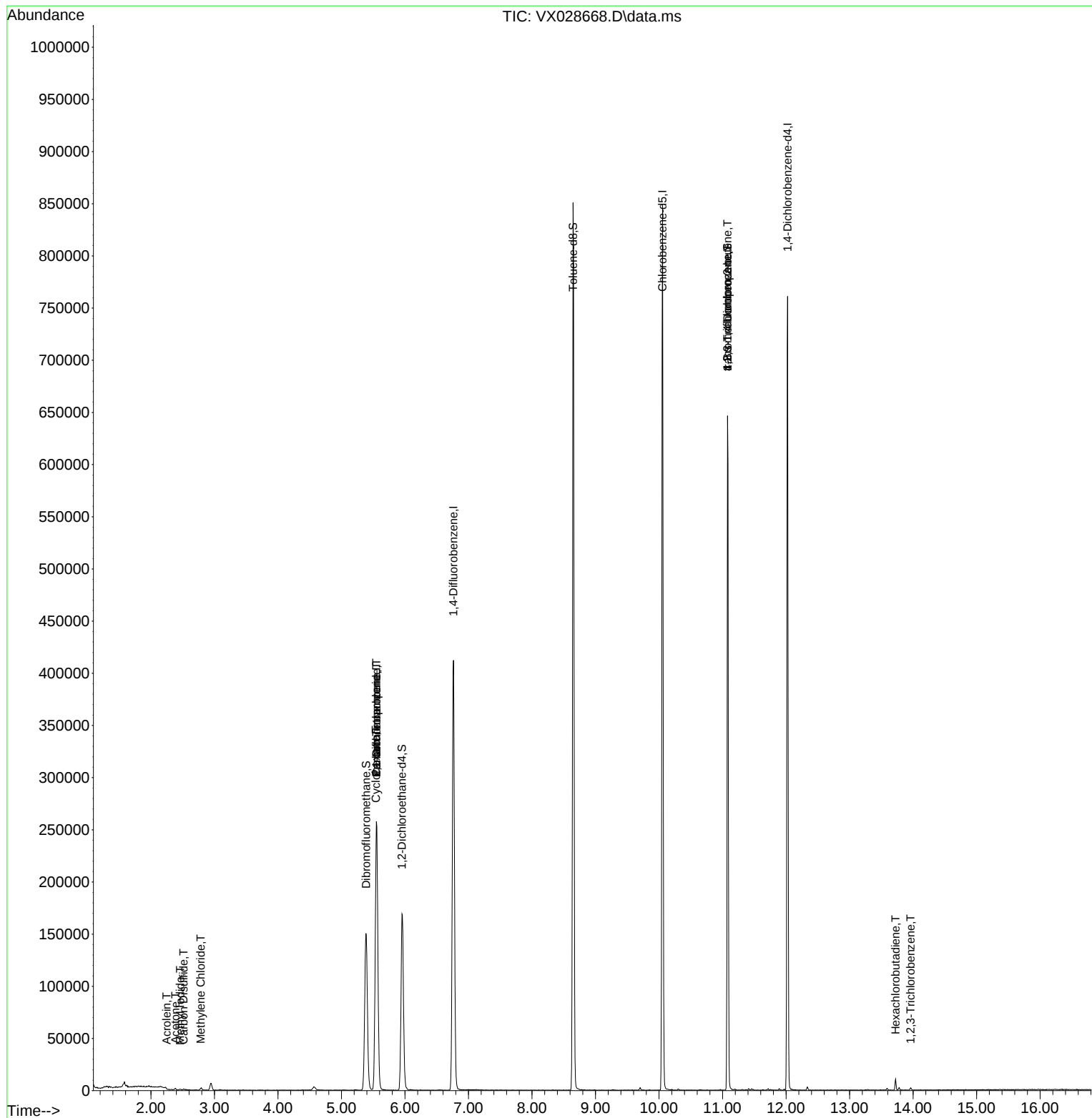
Internal Standards						
1) Pentafluorobenzene	5.550	168	235140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162500	50.415	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.840%	
35) Dibromofluoromethane	5.385	113	131781	48.196	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.400%	
50) Toluene-d8	8.647	98	496202	48.134	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.260%	
62) 4-Bromofluorobenzene	11.079	95	166233	43.173	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 86.340%	
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	752	Below Cal		94
6) Chloroethane	1.691	64	322	Below Cal	#	43
10) Methyl Iodide	2.459	142	799	0.255	ug/l #	89
11) Tert butyl alcohol	2.947	59	3859	Below Cal	#	72
13) Acrolein	2.246	56	153	0.289	ug/l #	15
16) Acetone	2.386	43	1630	1.178	ug/l #	77
17) Carbon Disulfide	2.514	76	1262	0.200	ug/l	97
20) Methylene Chloride	2.782	84	1083	0.373	ug/l #	88
31) Cyclohexane	5.544	56	5830	1.303	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	20500	4.992	ug/l #	49
38) Carbon Tetrachloride	5.550	117	25703	6.219	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	89378	25.056	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	89378	72.832	ug/l #	15
94) Hexachlorobutadiene	13.725	225	1374	1.112	ug/l	91
96) 1,2,3-Trichlorobenzene	13.963	180	698	0.228	ug/l	85

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

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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_X
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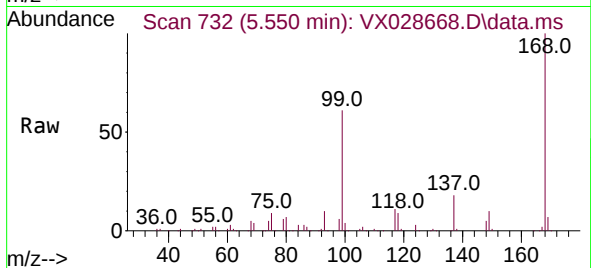
Quant Time: May 16 02:17:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration



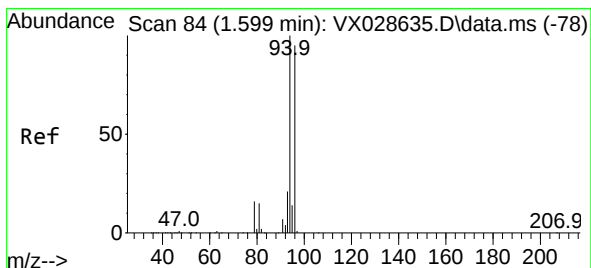
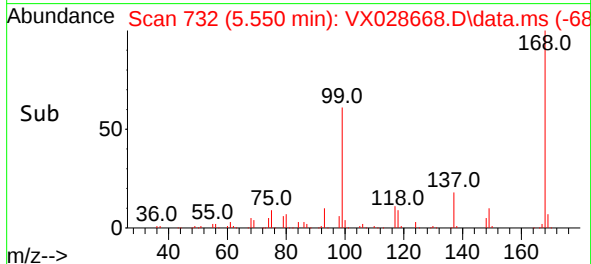
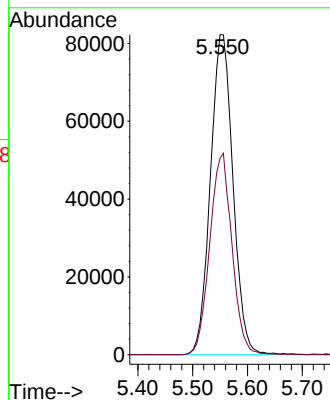


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

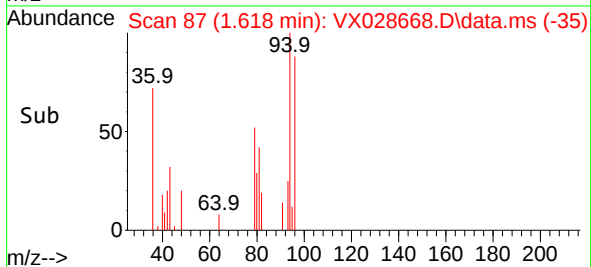
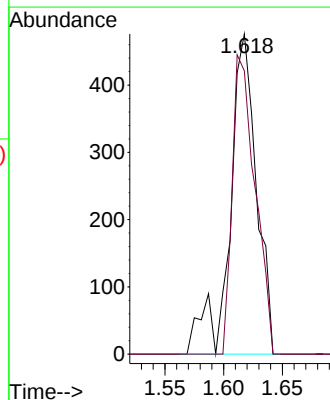
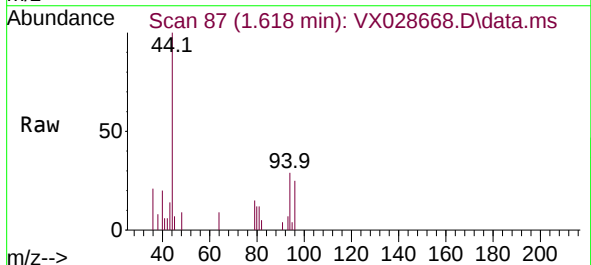


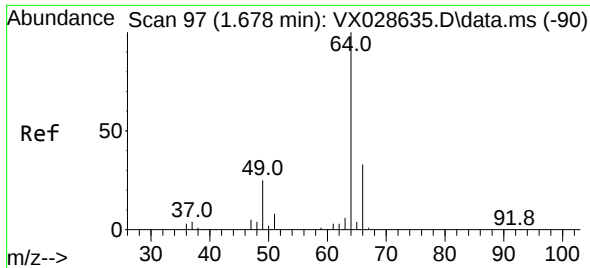
Tgt Ion:168 Resp: 235140
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 88.4 75.3 112.9

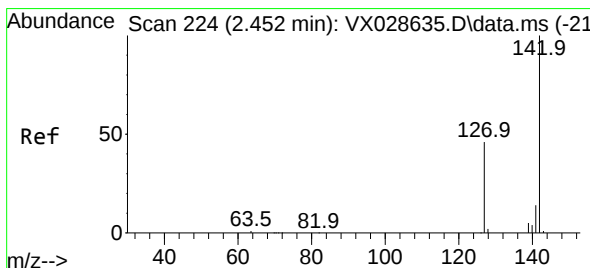
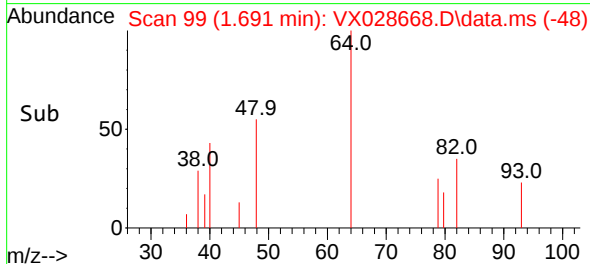
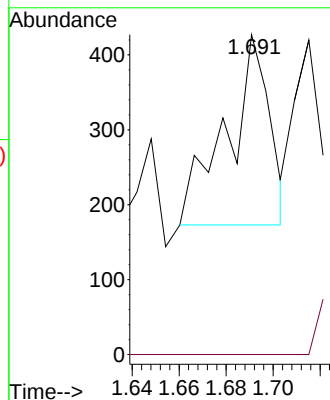
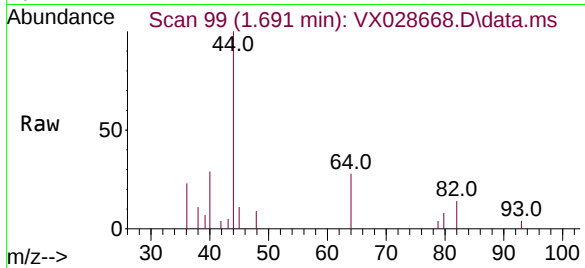




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

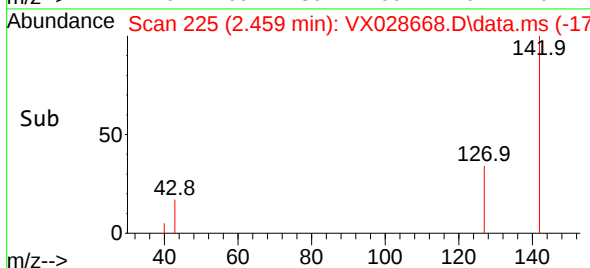
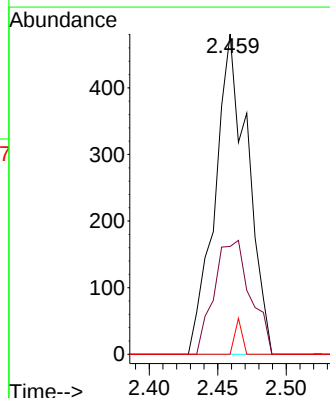
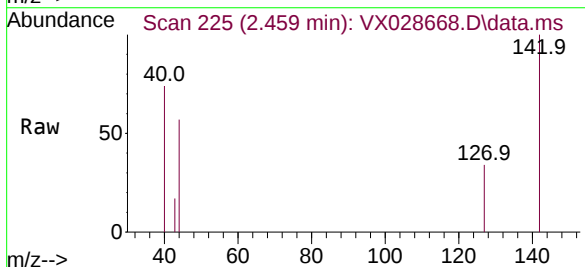
Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

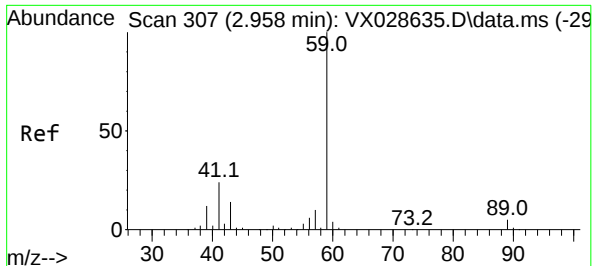
Tgt Ion: 64 Resp: 322
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.255 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Tgt Ion: 142 Resp: 799
Ion Ratio Lower Upper
142 100
127 39.4 33.9 50.9
141 2.5 11.4 17.2#

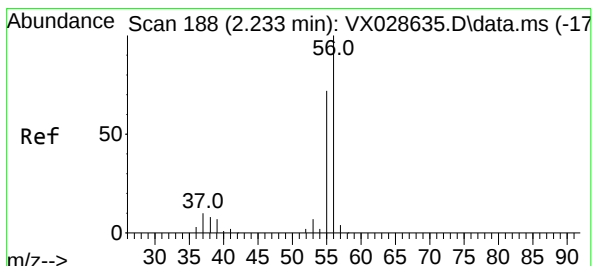
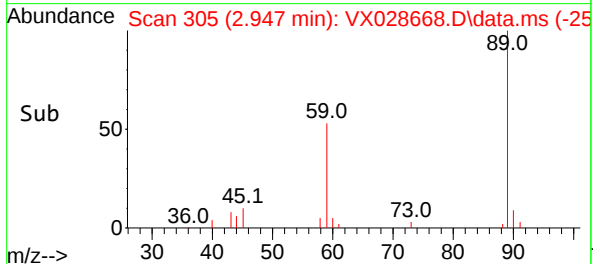
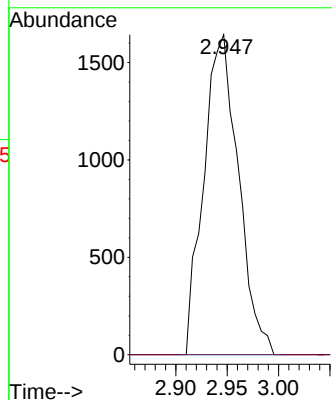
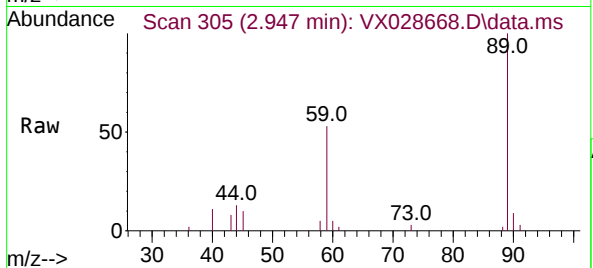




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.011 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

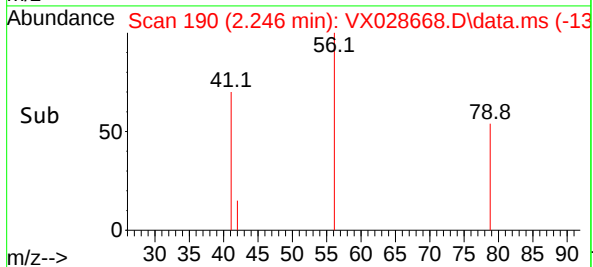
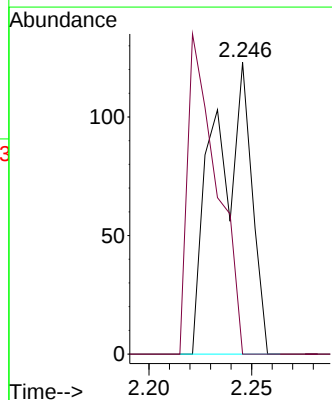
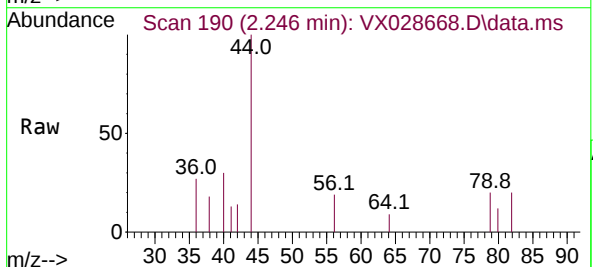
Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

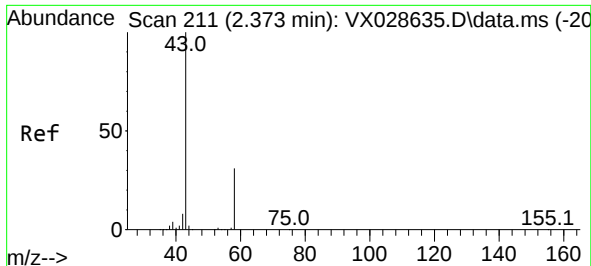
Tgt Ion: 59 Resp: 3859
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.289 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.013 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#

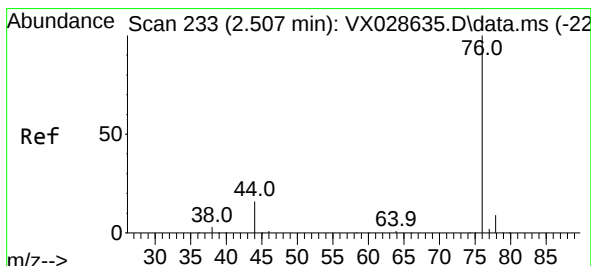
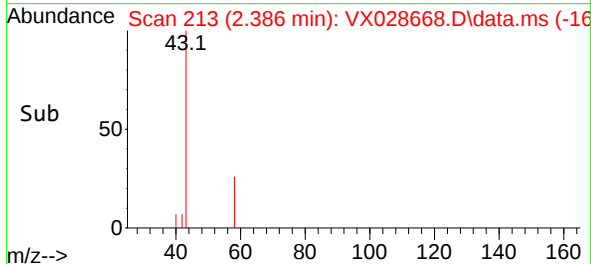
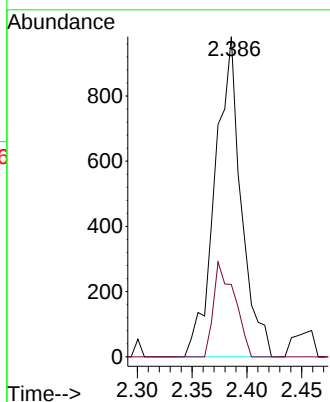
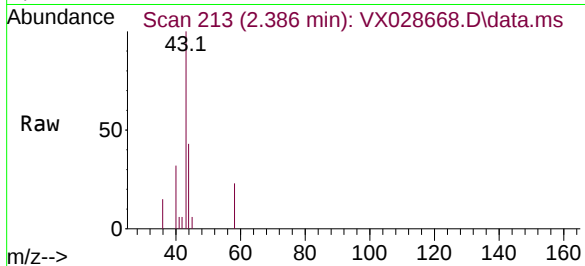




#16
Acetone
Concen: 1.178 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

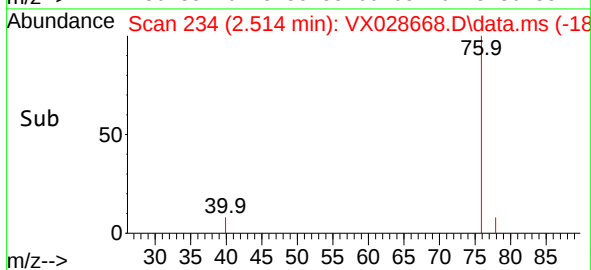
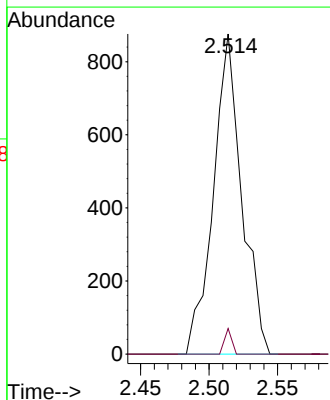
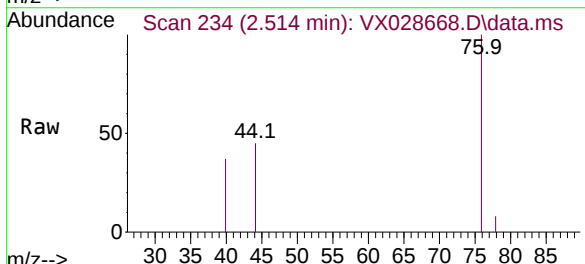
Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

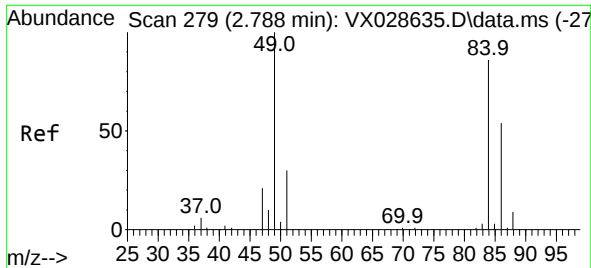
Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
58 22.6 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

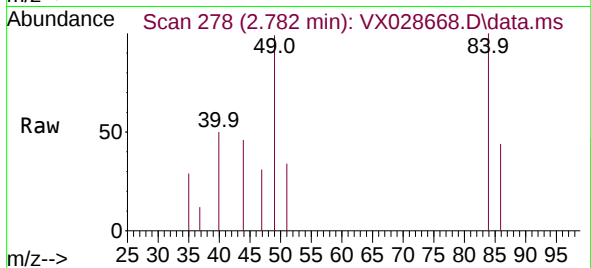
Tgt Ion: 76 Resp: 1262
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



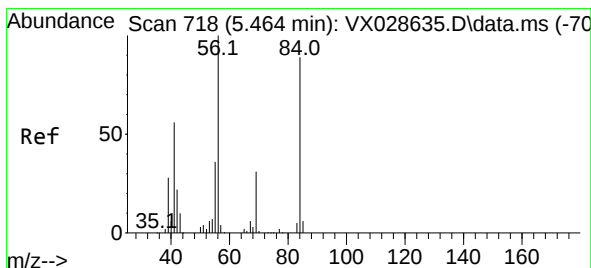
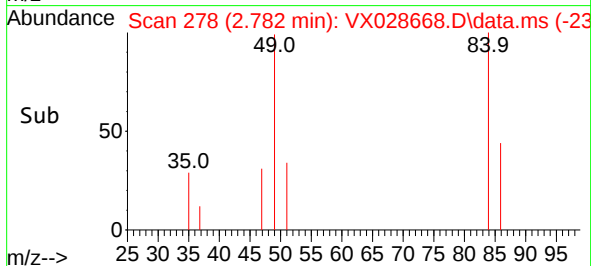
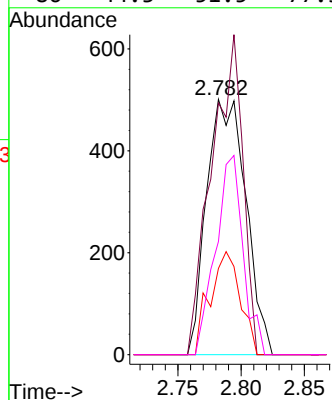


#20
Methylene Chloride
Concen: 0.373 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

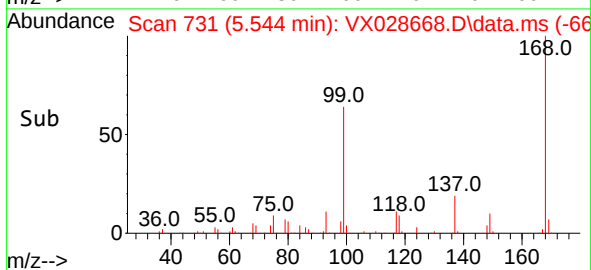
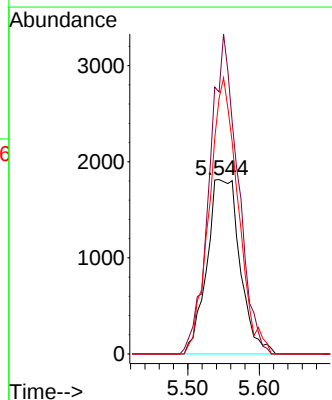
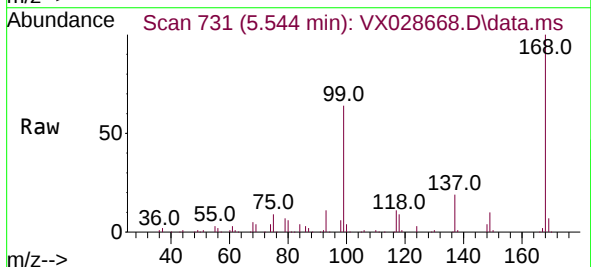


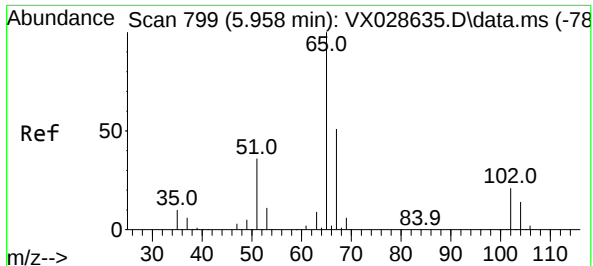
Tgt Ion:	84	Resp:	1083
Ion	Ratio	Lower	Upper
84	100		
49	98.6	85.5	128.3
51	33.7	26.6	39.8
86	44.3	51.5	77.3



#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Tgt Ion:	56	Resp:	5830
Ion	Ratio	Lower	Upper
56	100		
69	150.2	26.7	40.1
84	146.6	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 50.415 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX028668.D

Acq: 13 May 2022 11:22

Instrument :

MSVOA_X

ClientSampleId :

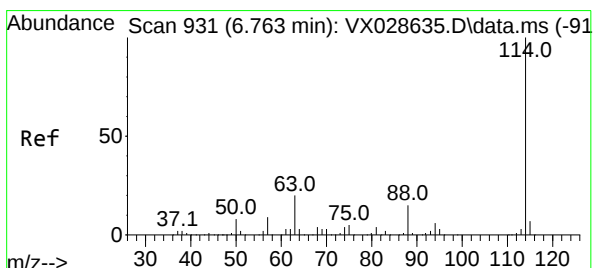
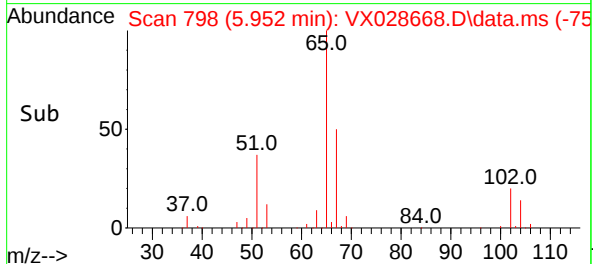
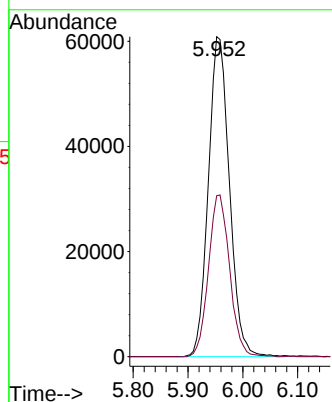
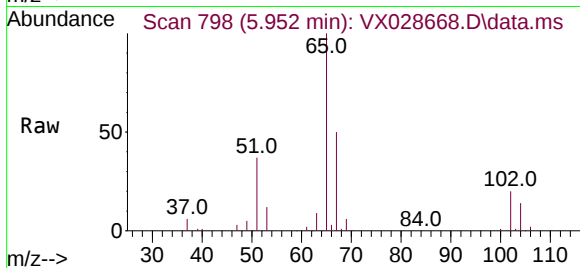
VX0513MBL01

Tgt Ion: 65 Resp: 162500

Ion Ratio Lower Upper

65 100

67 50.6 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: VX028668.D

Acq: 13 May 2022 11:22

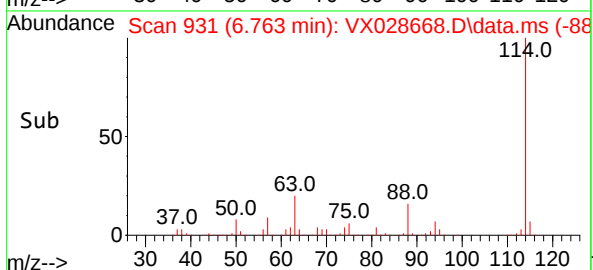
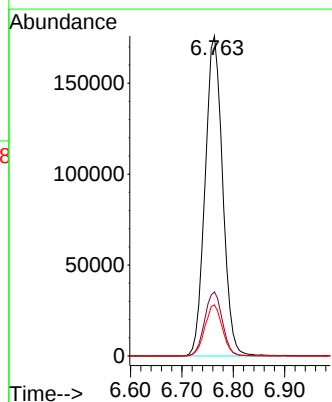
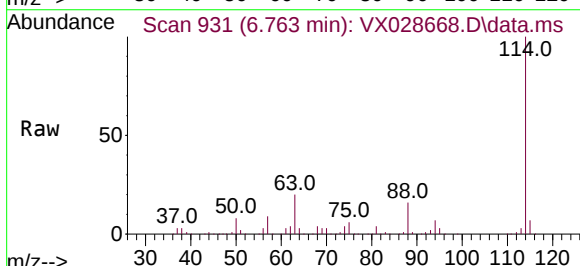
Tgt Ion: 114 Resp: 417330

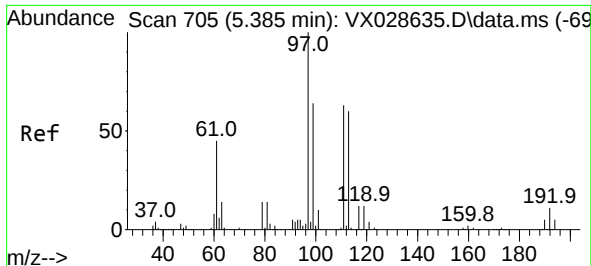
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 16.0 0.0 32.4

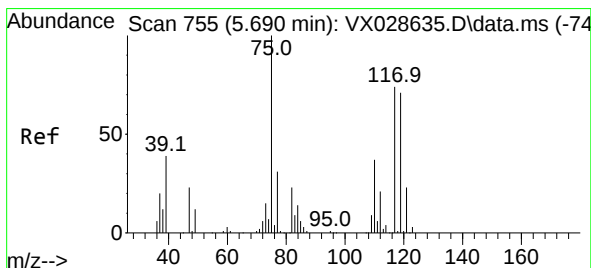
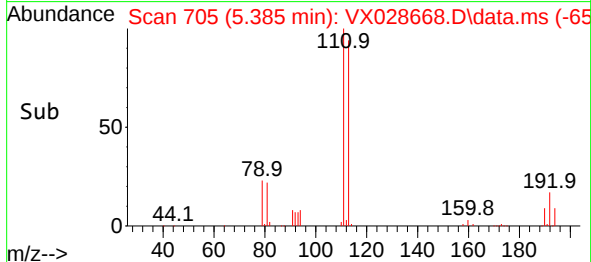
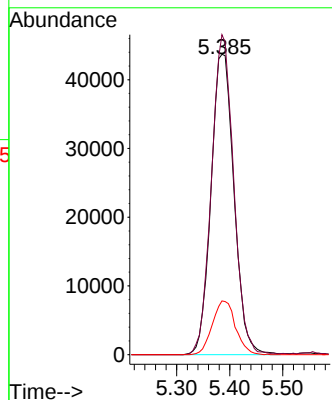
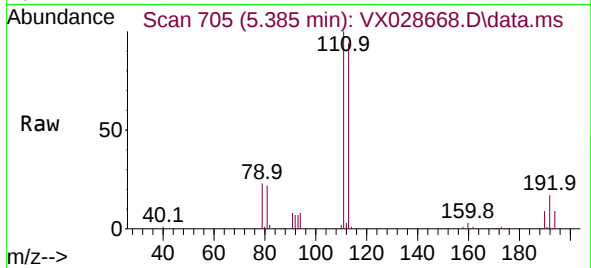




#35
Dibromofluoromethane
Concen: 48.196 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

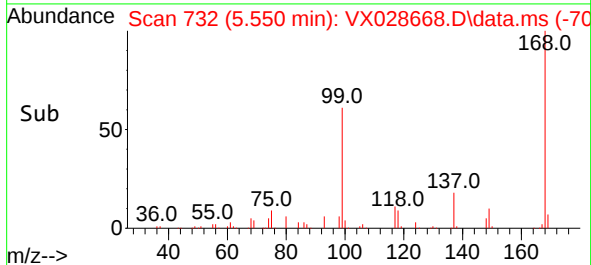
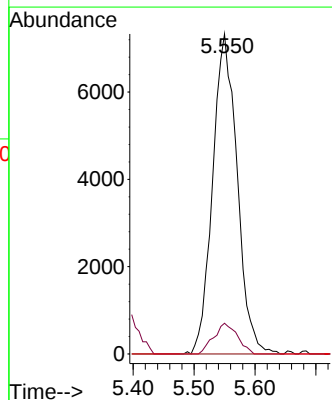
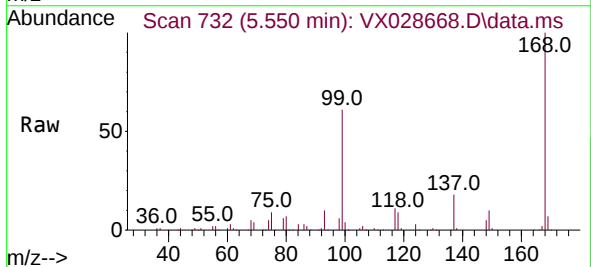
Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

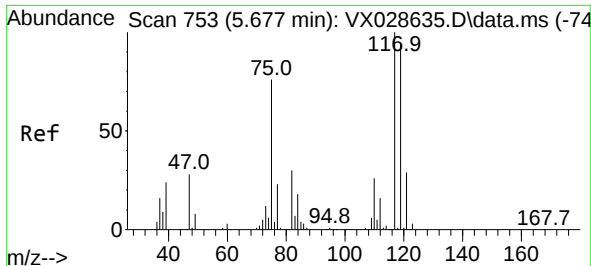
Tgt Ion:113 Resp: 131781
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.992 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

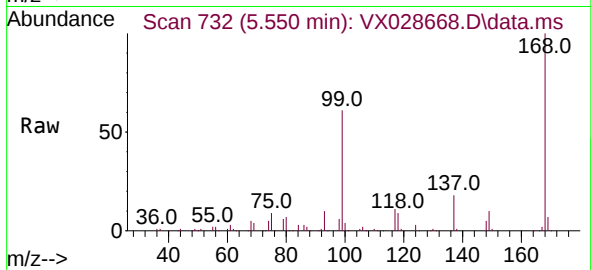
Tgt Ion: 75 Resp: 20500
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



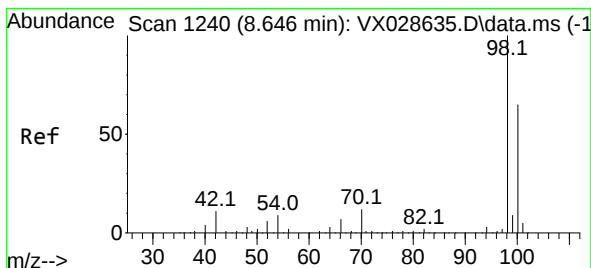
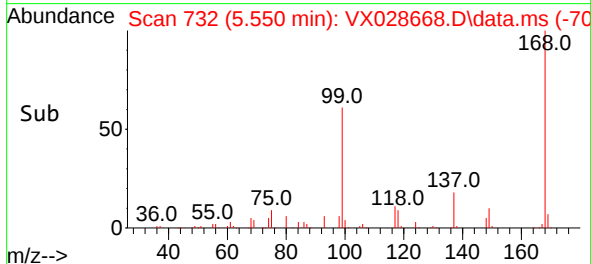
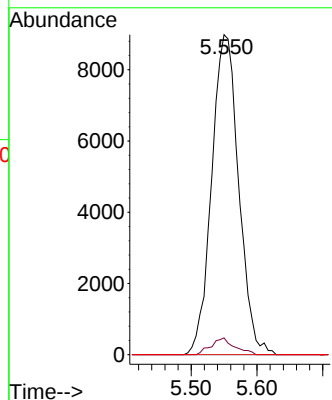


#38
Carbon Tetrachloride
Concen: 6.219 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

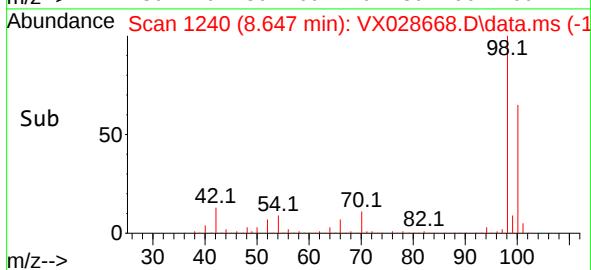
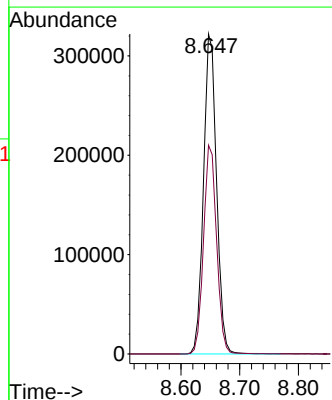
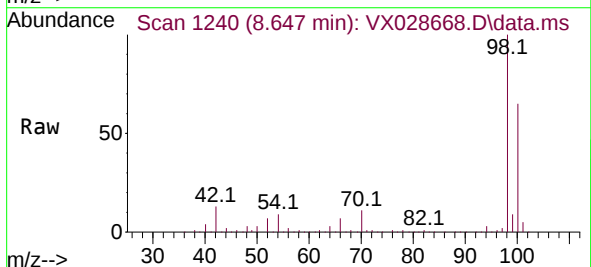


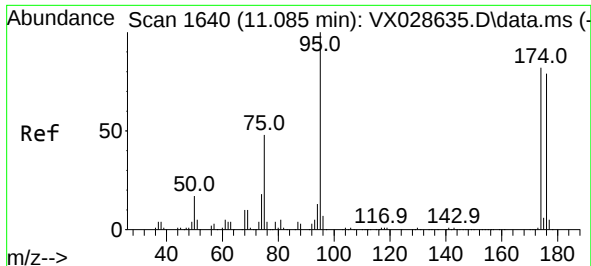
Tgt Ion:117 Resp: 25703
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Tgt Ion: 98 Resp: 496202
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

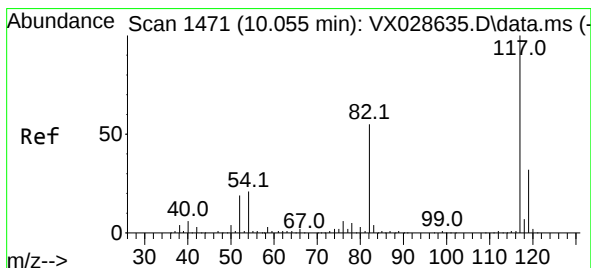
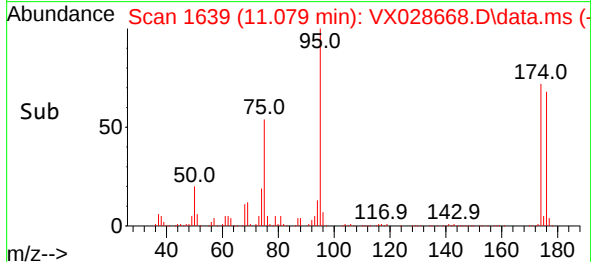
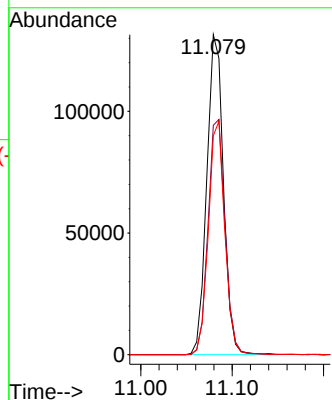
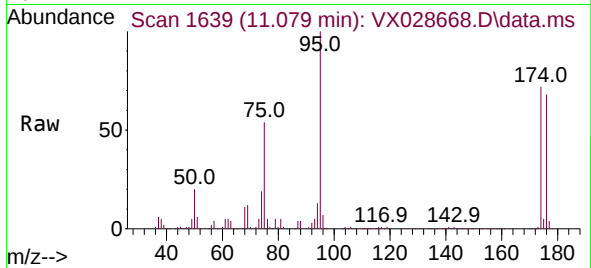




#62
4-Bromofluorobenzene
Concen: 43.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

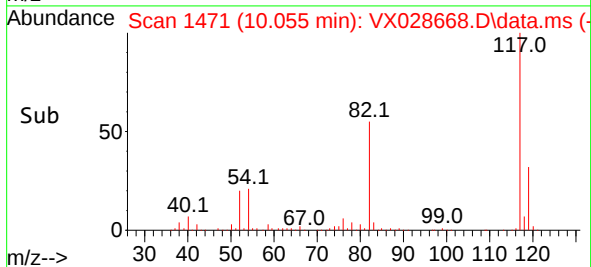
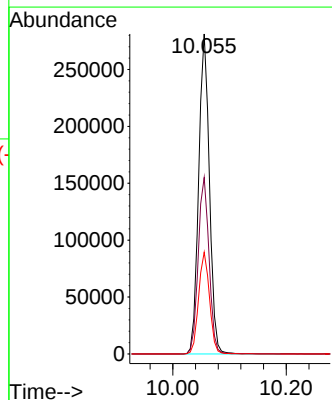
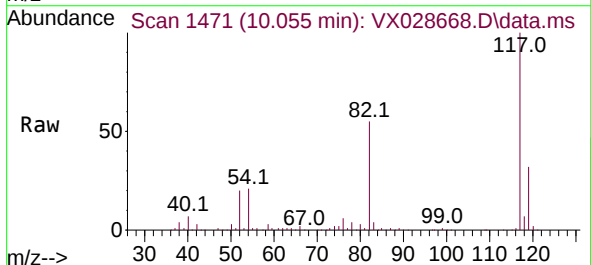
Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

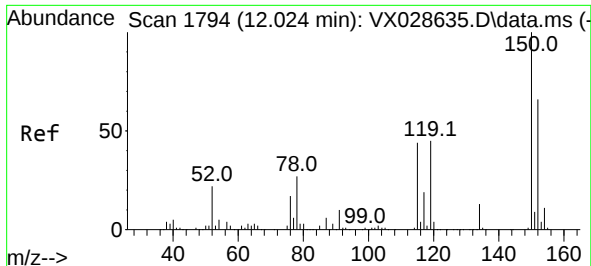
Tgt Ion: 95 Resp: 166233
Ion Ratio Lower Upper
95 100
174 75.4 0.0 163.0
176 71.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Tgt Ion: 117 Resp: 369546
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.8 24.8 37.2

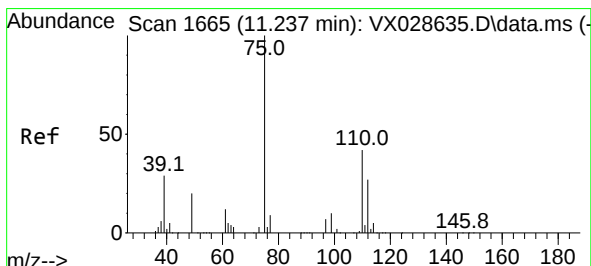
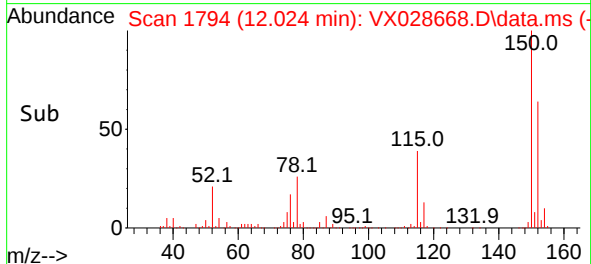
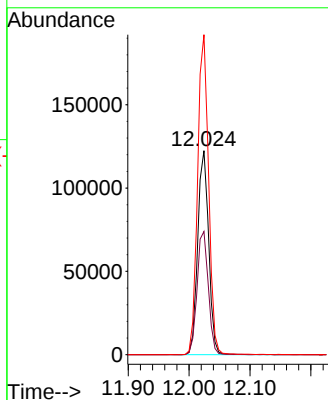
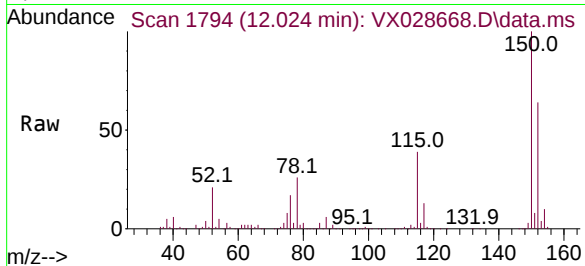




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

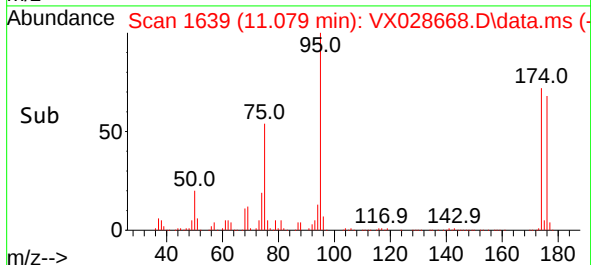
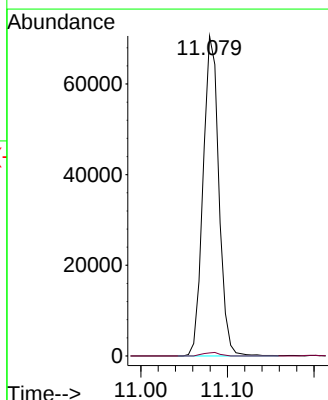
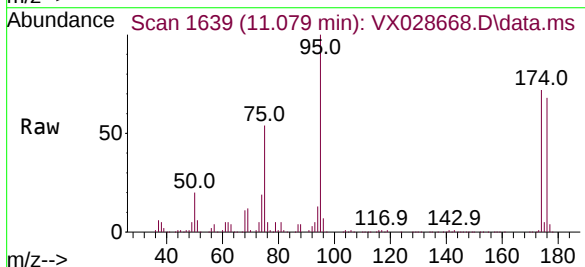
Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

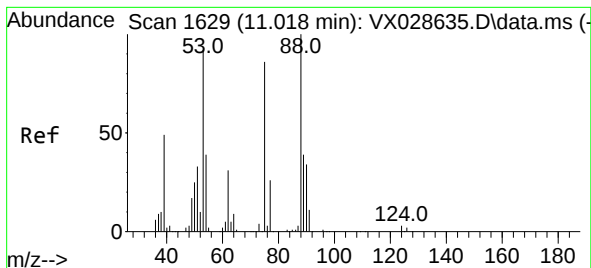
Tgt Ion:152 Resp: 152319
Ion Ratio Lower Upper
152 100
115 62.0 37.5 112.7
150 157.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

Tgt Ion: 75 Resp: 89378
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

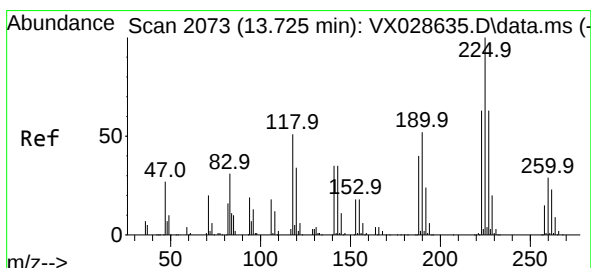
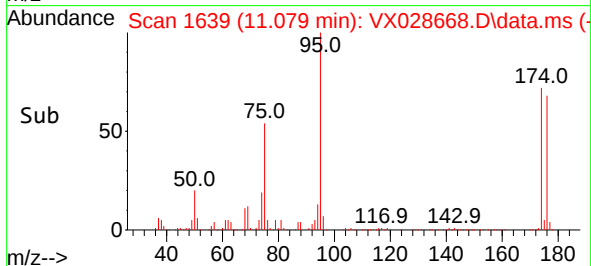
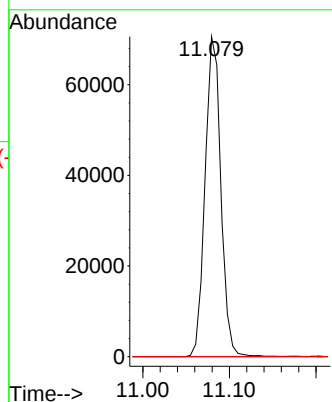
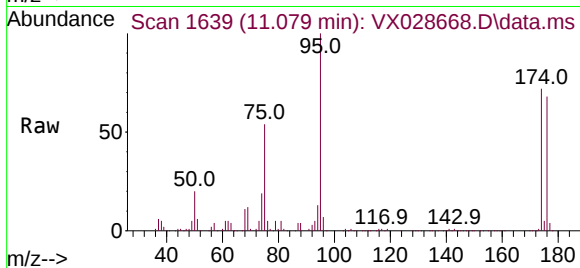




#81
trans-1,4-Dichloro-2-butene
Concen: 72.832 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

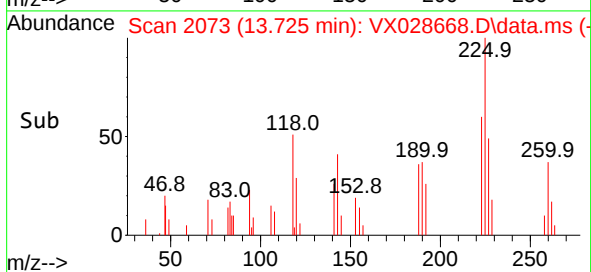
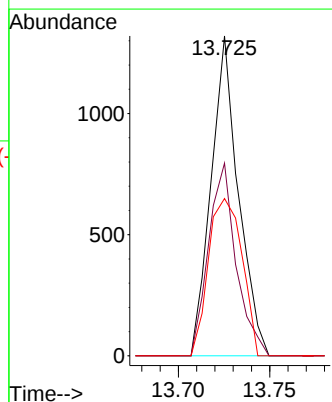
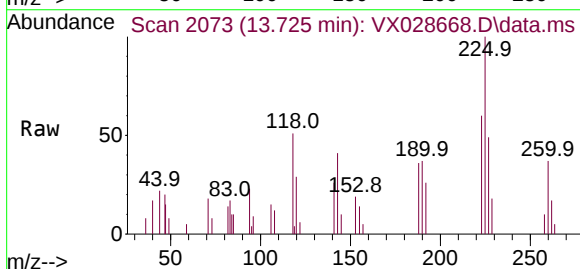
Instrument :
MSVOA_X
ClientSampleId :
VX0513MBL01

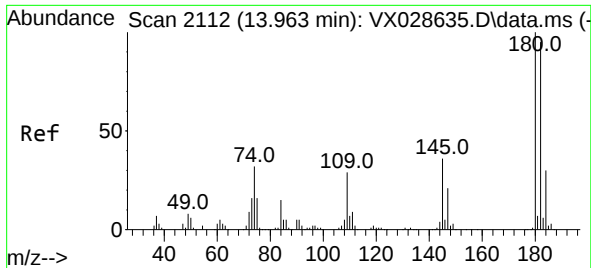
Tgt Ion: 75 Resp: 89378
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 1.112 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028668.D
Acq: 13 May 2022 11:22

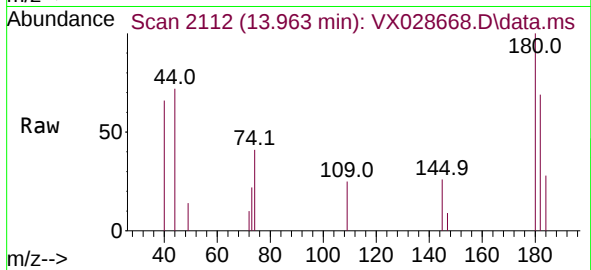
Tgt Ion: 225 Resp: 1374
Ion Ratio Lower Upper
225 100
223 60.6 34.2 102.5
227 60.4 33.9 101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.228 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028668.D
 Acq: 13 May 2022 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513MBL01



Tgt Ion:	180	Resp:	698
Ion	Ratio	Lower	Upper
180	100		
182	83.8	50.0	149.8
145	26.8	16.2	48.5

