

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028989.D
 Acq On : 26 May 2022 11:13
 Operator : JC/MD
 Sample : VX0526MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526MBL01

Quant Time: May 27 07:31:12 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	346257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	609457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	582417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	224312	47.260	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.520%		
35) Dibromofluoromethane	5.385	113	201169	50.379	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.760%		
50) Toluene-d8	8.647	98	722761	48.009	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.079	95	284275	50.556	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.120%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1723	Below Cal	#	74
6) Chloroethane	1.648	64	72	Below Cal	#	43
10) Methyl Iodide	2.459	142	1064	0.230	ug/l #	91
11) Tert butyl alcohol	2.947	59	1586	Below Cal	#	72
16) Acetone	2.373	43	1183	0.581	ug/l #	78
20) Methylene Chloride	2.788	84	1752	0.410	ug/l	87
31) Cyclohexane	5.544	56	6502	0.987	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	26581	4.432	ug/l #	50
38) Carbon Tetrachloride	5.550	117	35208	5.833	ug/l #	15
53) t-1,3-Dichloropropene	8.988	75	142	1.661	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	139776	22.234	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	139776	65.066	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	1263	0.236	ug/l	94
94) Hexachlorobutadiene	13.725	225	1143	0.525	ug/l	92
96) 1,2,3-Trichlorobenzene	13.963	180	1256	0.233	ug/l	95

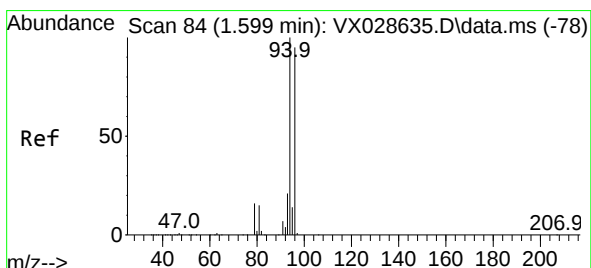
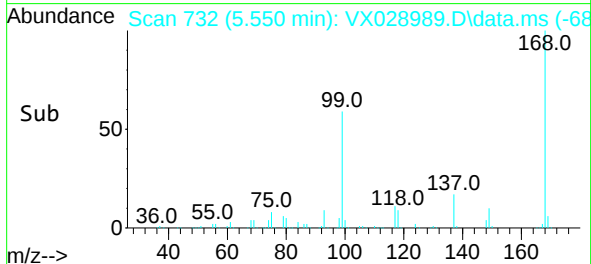
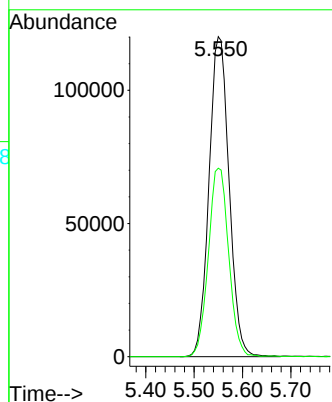
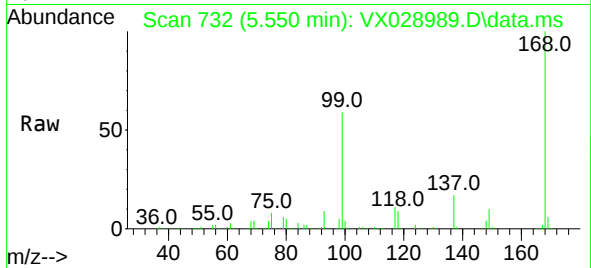
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

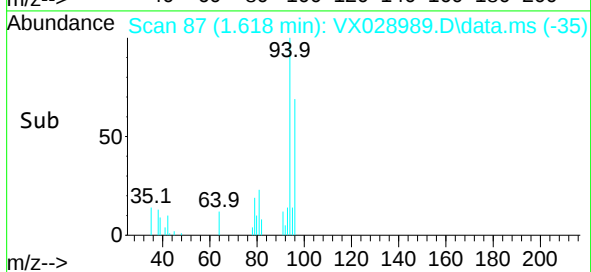
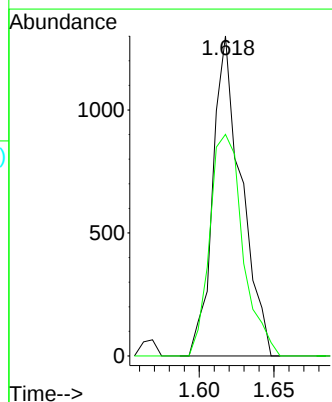
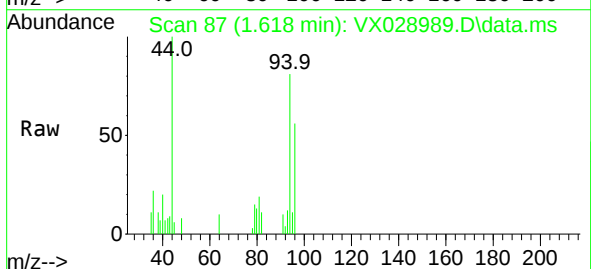
Instrument :
MSVOA_X
ClientSampleId :
VX0526MBL01

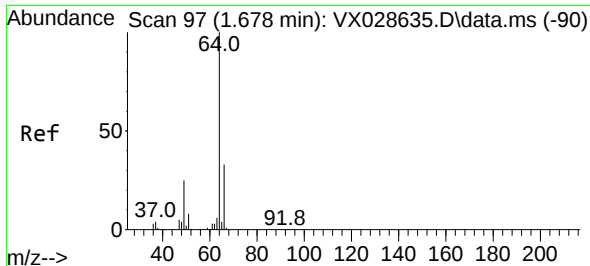
Tgt Ion:168 Resp: 346257
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

Tgt Ion: 94 Resp: 1723
Ion Ratio Lower Upper
94 100
96 69.3 75.3 112.9#

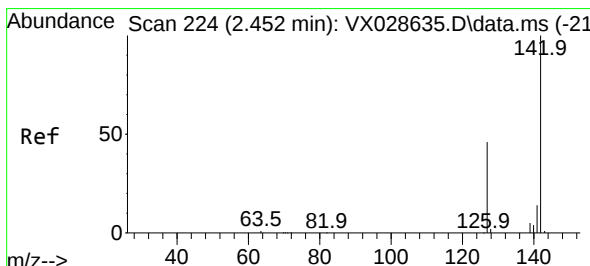
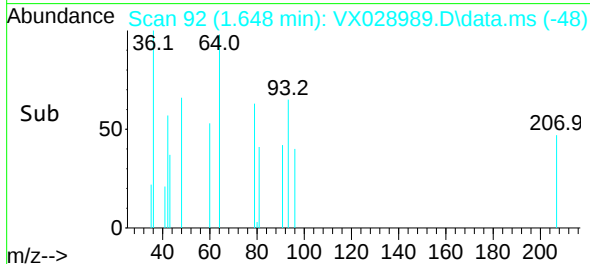
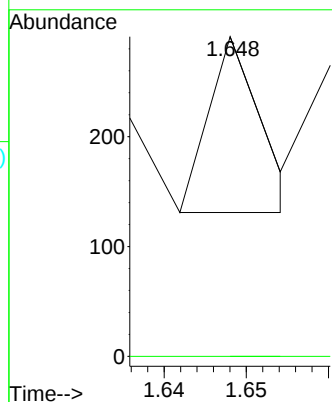
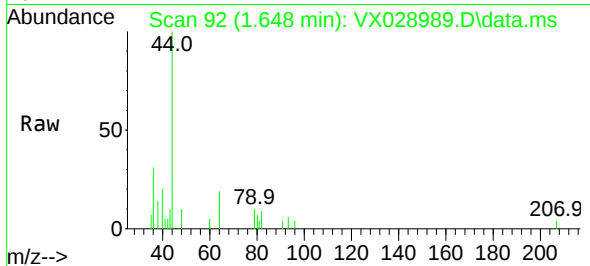




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.030 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

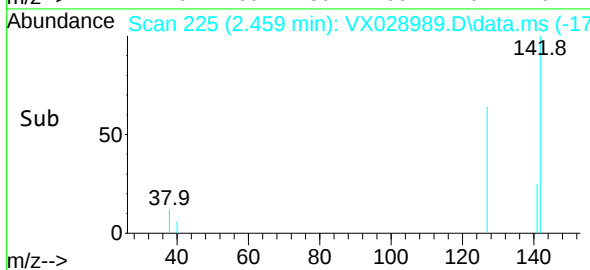
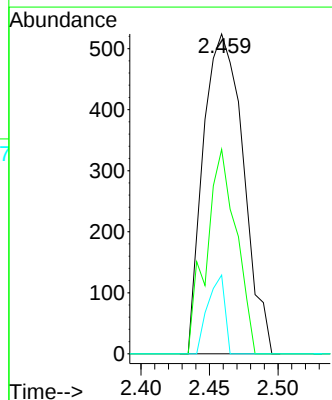
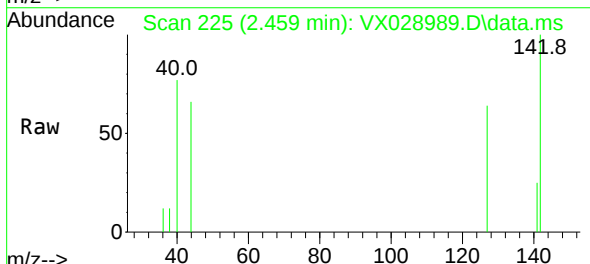
Instrument :
MSVOA_X
ClientSampleId :
VX0526MBL01

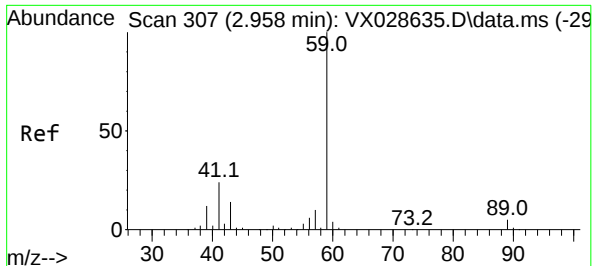
Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.230 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.007 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

Tgt Ion: 142 Resp: 1064
Ion Ratio Lower Upper
142 100
127 47.8 33.9 50.9
141 10.4 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 307

Delta R.T. -0.011 min

Lab File: VX028989.D

Acq: 26 May 2022 11:13

Instrument :

MSVOA_X

ClientSampleId :

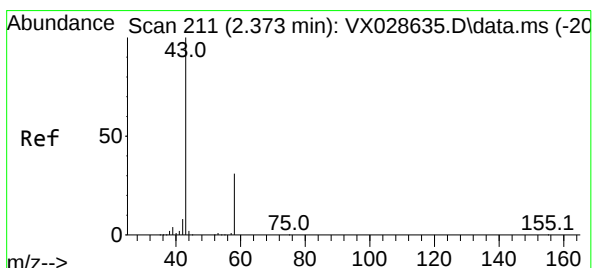
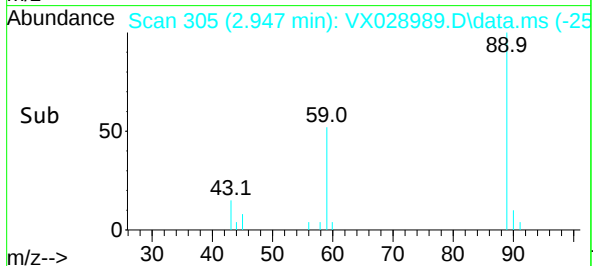
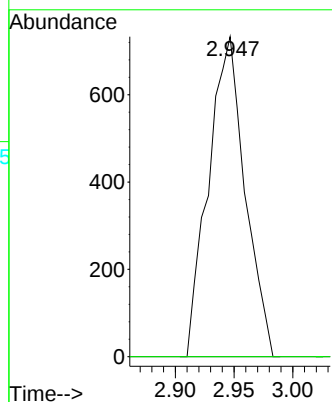
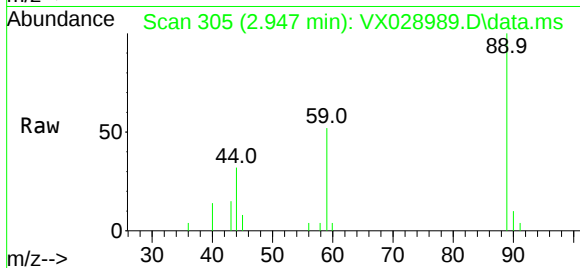
VX0526MBL01

Tgt Ion: 59 Resp: 1586

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.581 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX028989.D

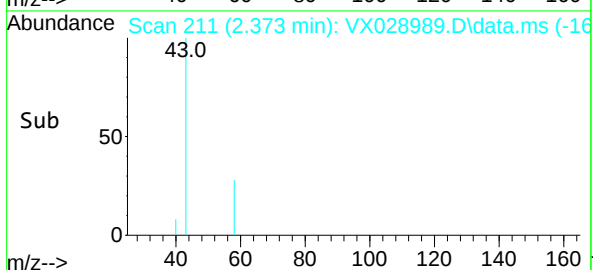
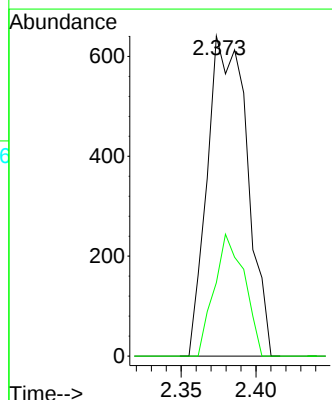
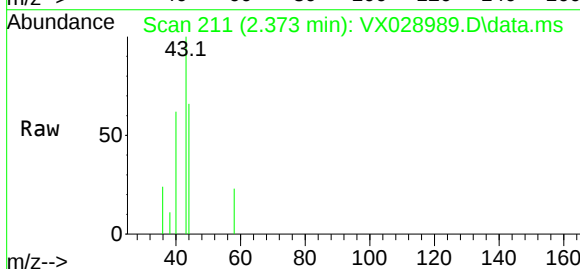
Acq: 26 May 2022 11:13

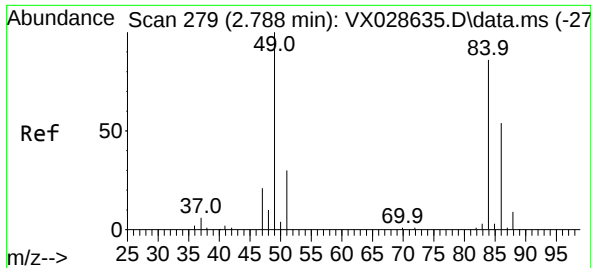
Tgt Ion: 43 Resp: 1183

Ion Ratio Lower Upper

43 100

58 22.9 28.8 43.2#

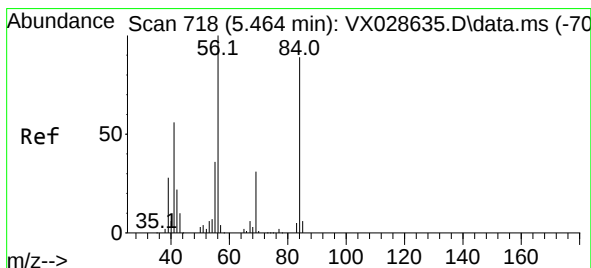
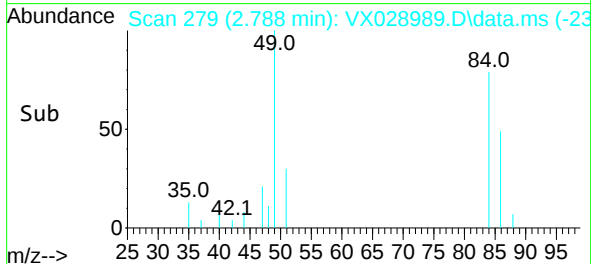
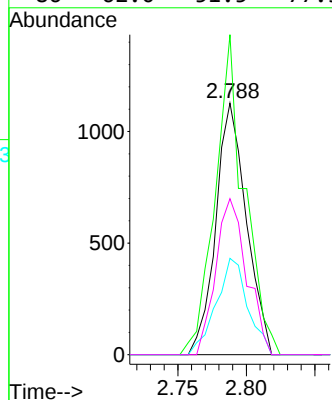
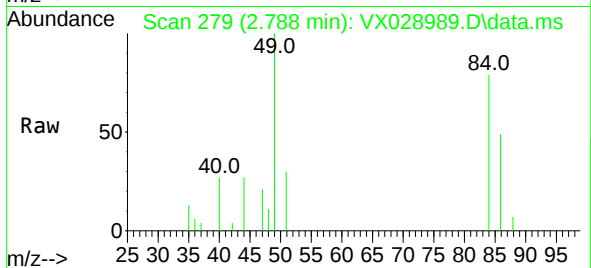




#20
Methylene Chloride
Concen: 0.410 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

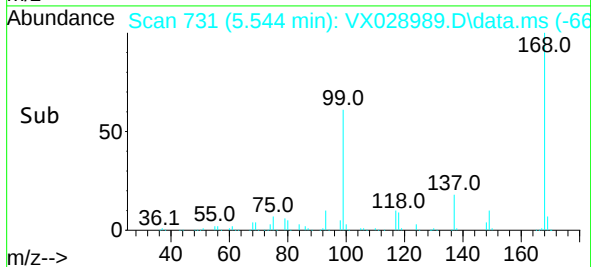
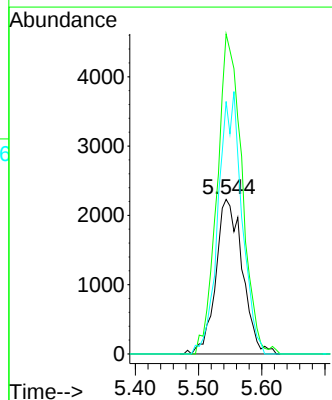
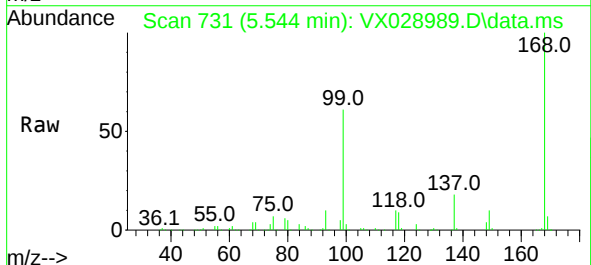
Instrument :
MSVOA_X
ClientSampleId :
VX0526MBL01

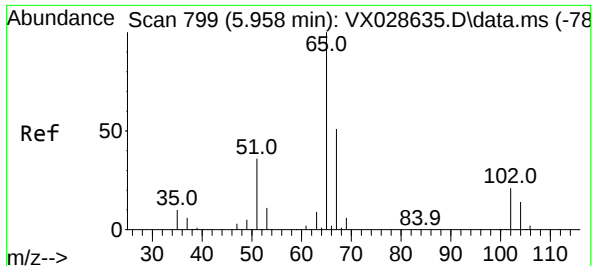
Tgt Ion:	84	Resp:	1752
Ion	Ratio	Lower	Upper
84	100		
49	127.2	85.5	128.3
51	38.3	26.6	39.8
86	62.0	51.5	77.3



#31
Cyclohexane
Concen: 0.987 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.080 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

Tgt Ion:	56	Resp:	6502
Ion	Ratio	Lower	Upper
56	100		
69	207.0	26.7	40.1#
84	163.3	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 47.260 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX028989.D

Acq: 26 May 2022 11:13

Instrument :

MSVOA_X

ClientSampleId :

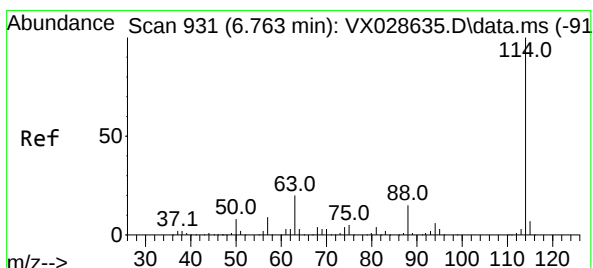
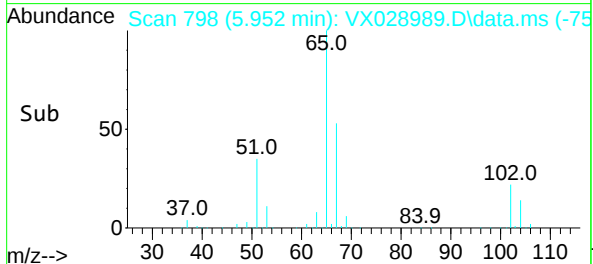
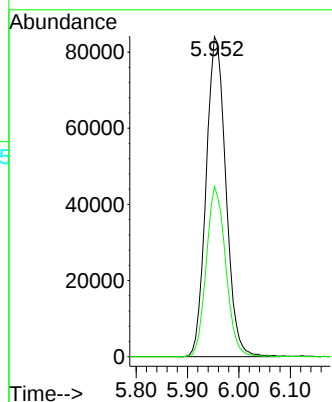
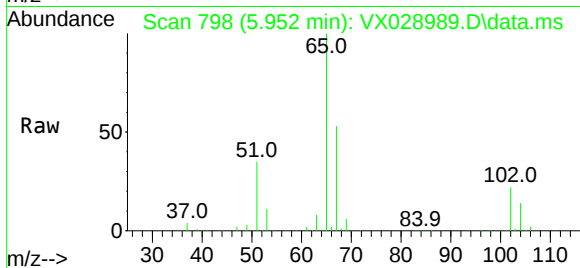
VX0526MBL01

Tgt Ion: 65 Resp: 224312

Ion Ratio Lower Upper

65 100

67 52.2 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: VX028989.D

Acq: 26 May 2022 11:13

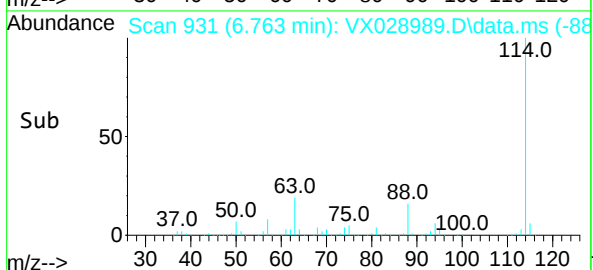
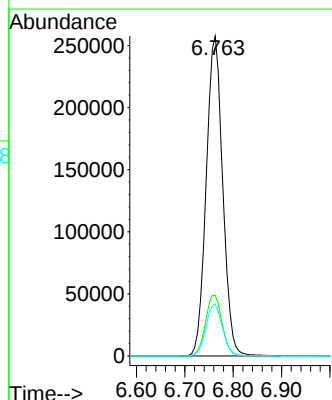
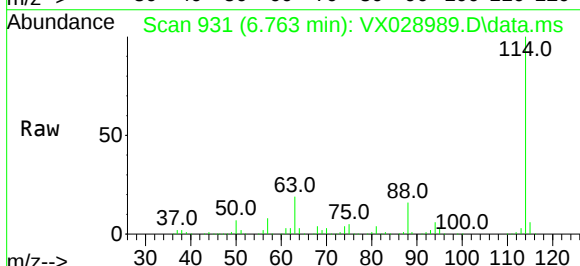
Tgt Ion: 114 Resp: 609457

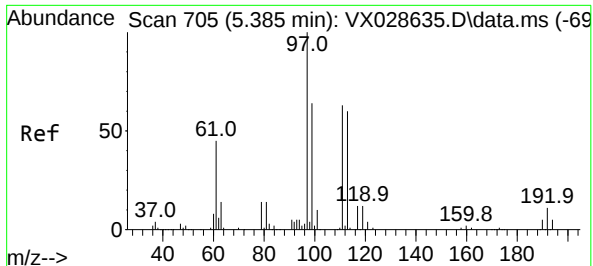
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.8

88 16.3 0.0 32.4

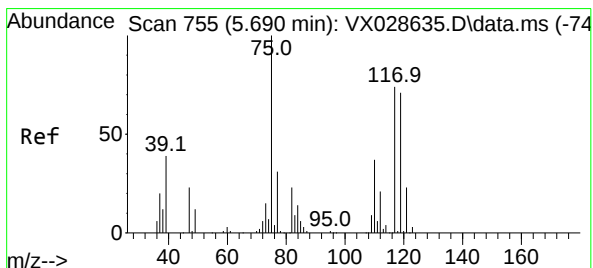
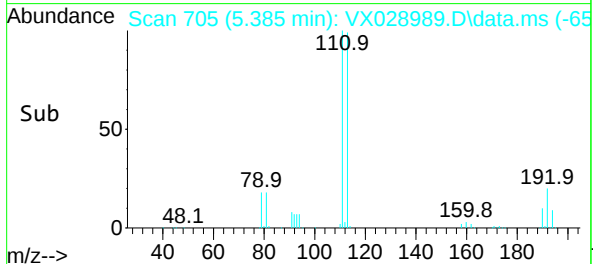
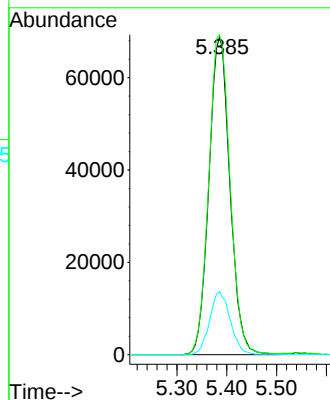
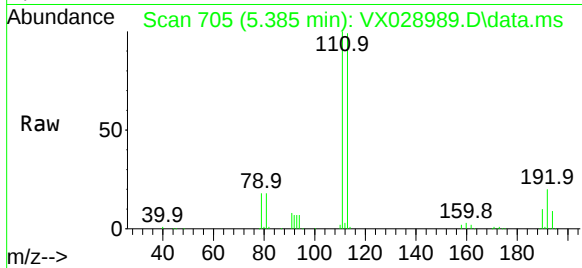




#35
Dibromofluoromethane
Concen: 50.379 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

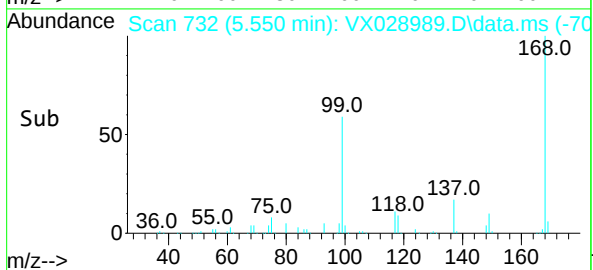
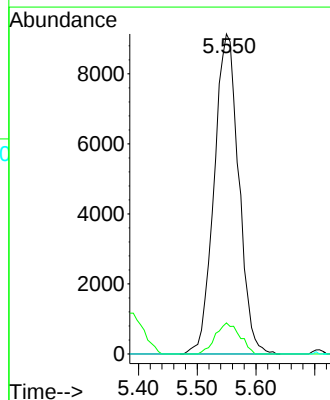
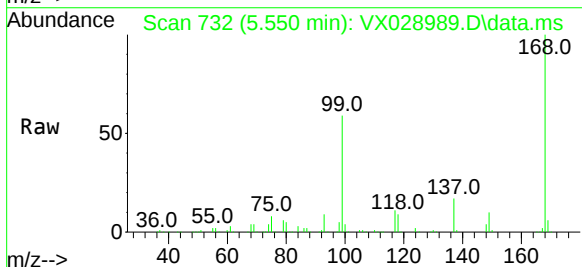
Instrument :
MSVOA_X
ClientSampleId :
VX0526MBL01

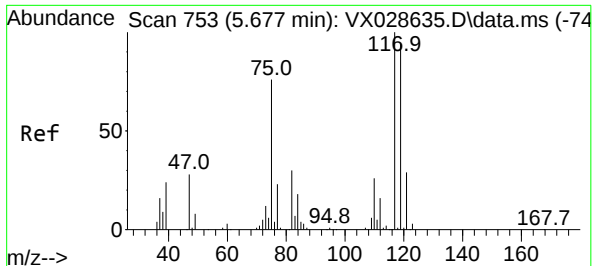
Tgt Ion:113 Resp: 201169
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.432 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

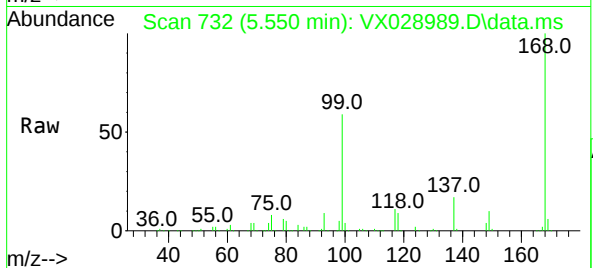
Tgt Ion: 75 Resp: 26581
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



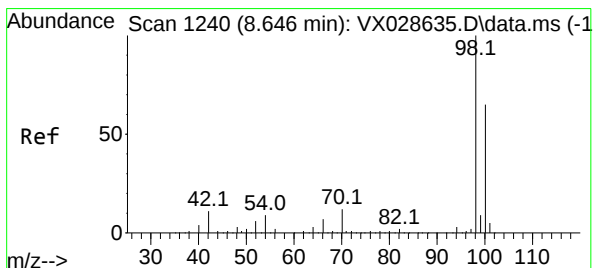
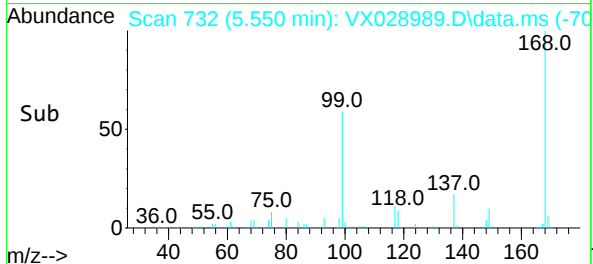
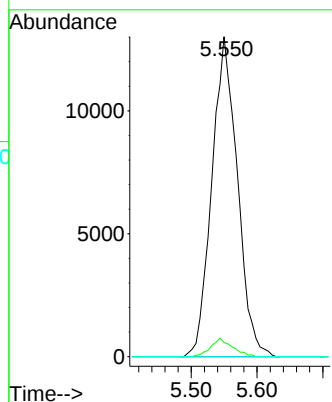


#38
Carbon Tetrachloride
Concen: 5.833 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0526MBL01

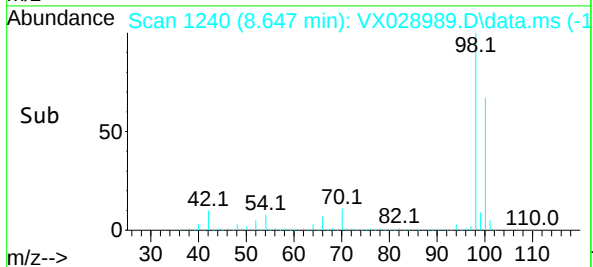
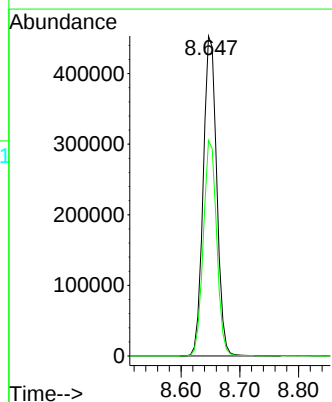
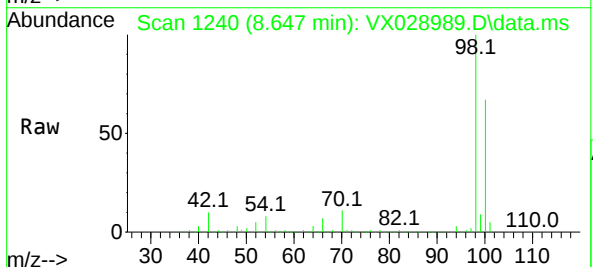


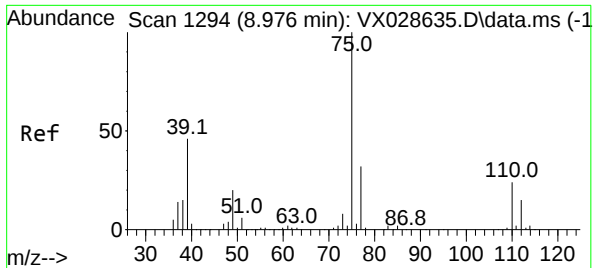
Tgt Ion:117 Resp: 35208
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.009 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

Tgt Ion: 98 Resp: 722761
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

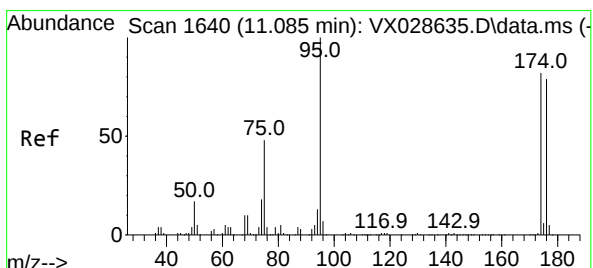
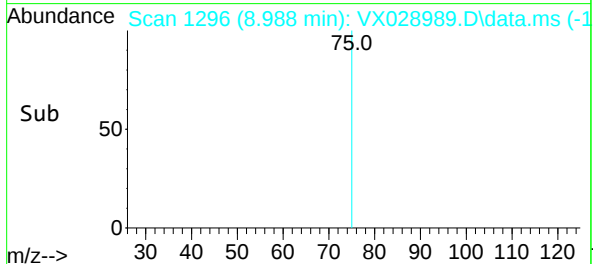
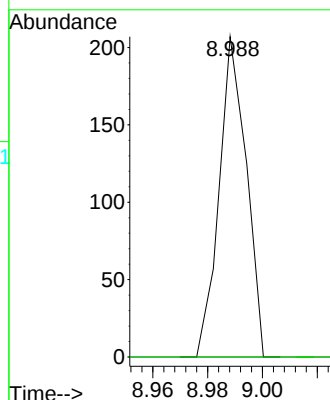
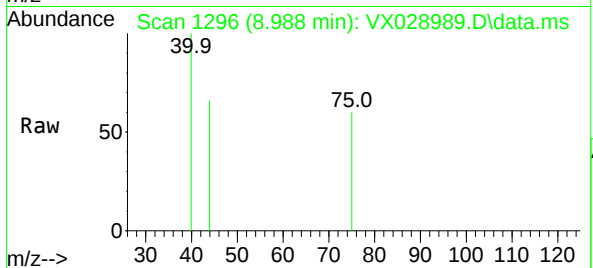




#53
t-1,3-Dichloropropene
Concen: 1.661 ug/l
RT: 8.988 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

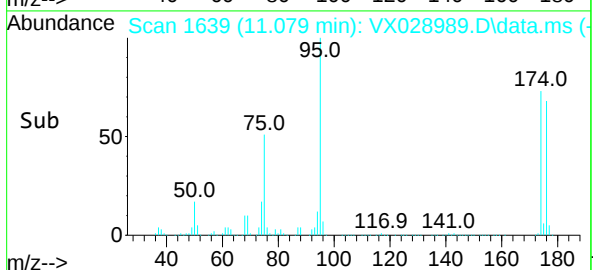
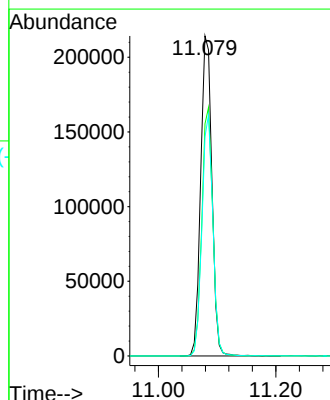
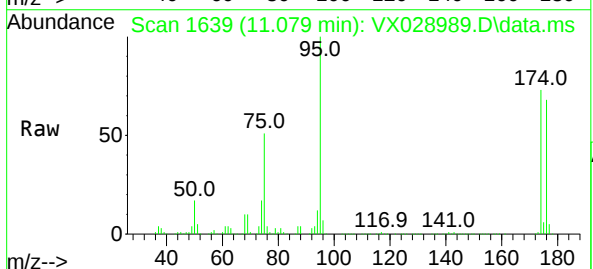
Instrument :
MSVOA_X
ClientSampleId :
VX0526MBL01

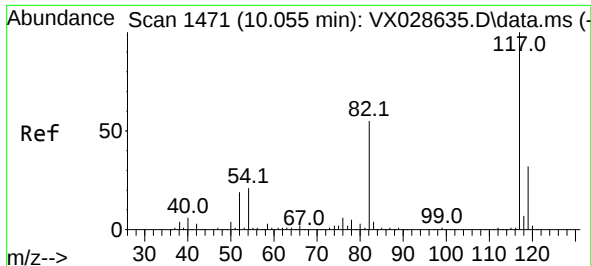
Tgt Ion: 75 Resp: 142
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 50.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

Tgt Ion: 95 Resp: 284275
Ion Ratio Lower Upper
95 100
174 75.8 0.0 163.0
176 73.4 0.0 155.0

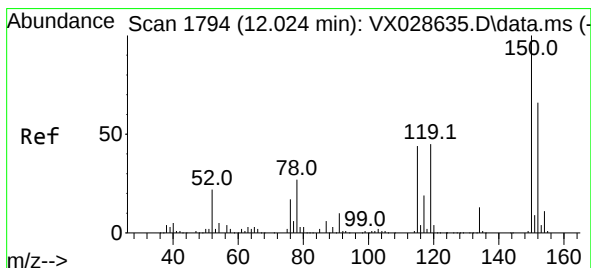
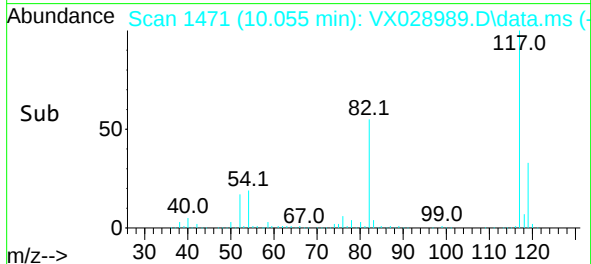
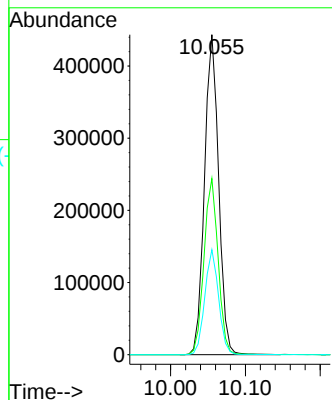
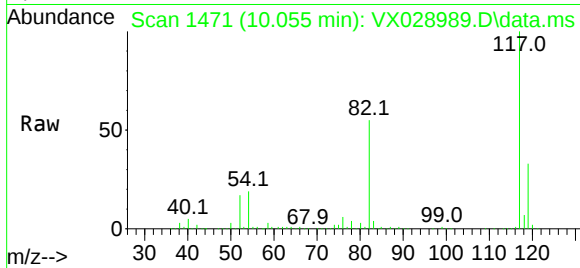




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

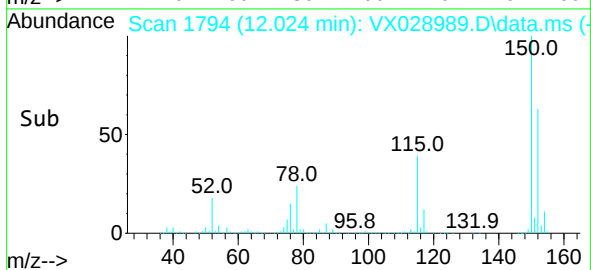
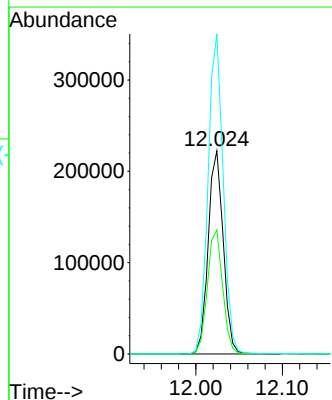
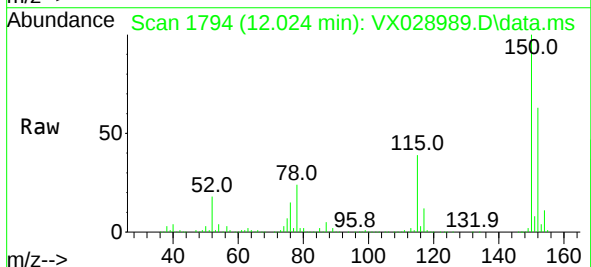
Instrument :
MSVOA_X
ClientSampleId :
VX0526MBL01

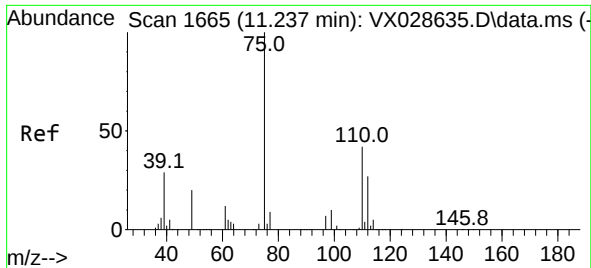
Tgt Ion:117 Resp: 582417
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

Tgt Ion:152 Resp: 268438
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 158.0 0.0 338.2

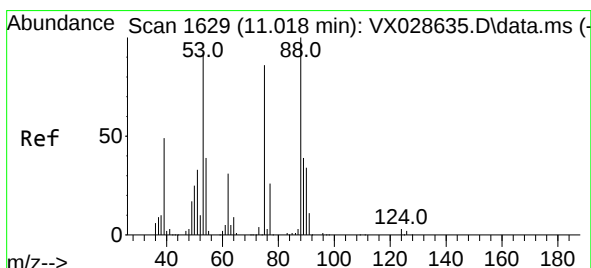
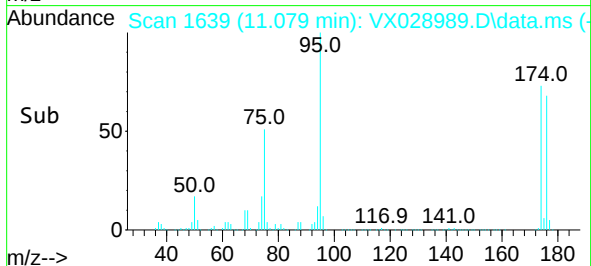
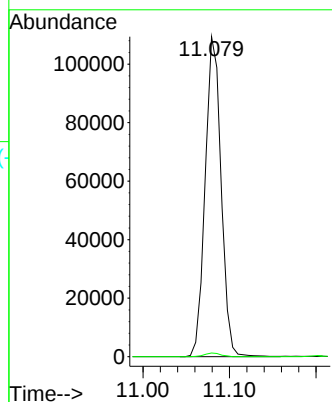
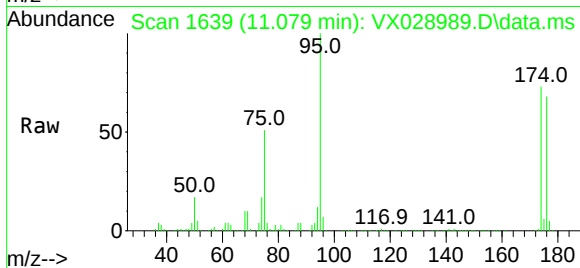




#76
1,2,3-Trichloropropane
Concen: 22.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

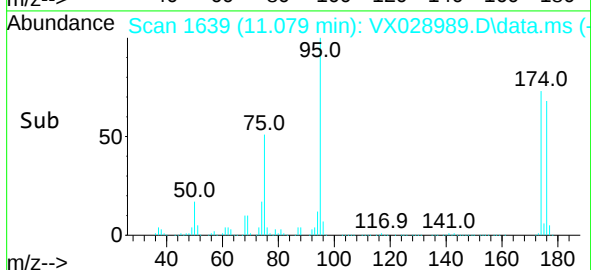
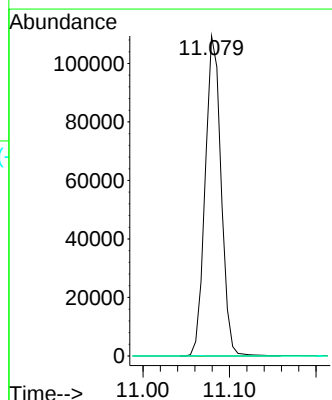
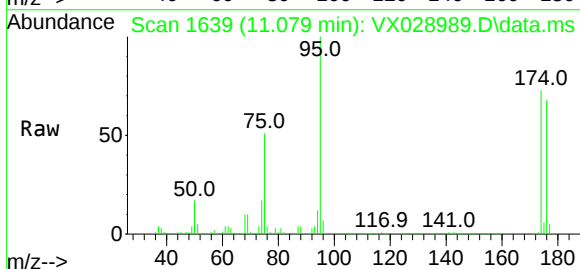
Instrument :
MSVOA_X
ClientSampleId :
VX0526MBL01

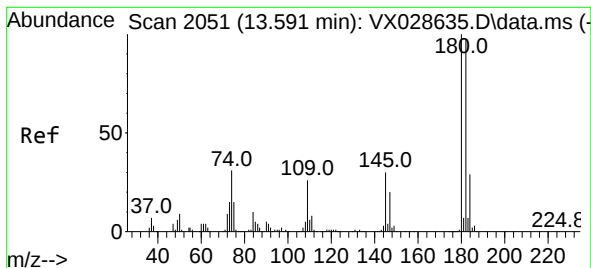
Tgt Ion: 75 Resp: 139776
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028989.D
Acq: 26 May 2022 11:13

Tgt Ion: 75 Resp: 139776
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: 0.236 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028989.D

Acq: 26 May 2022 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0526MBL01

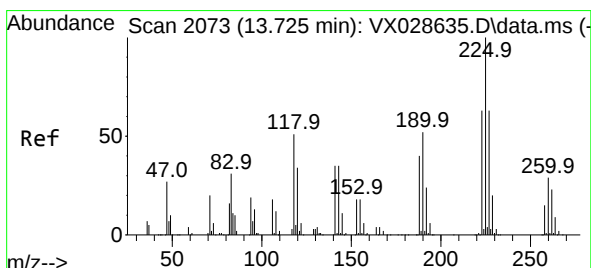
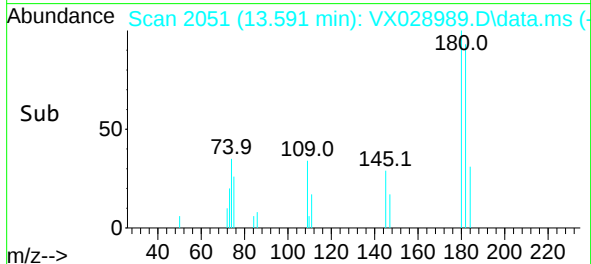
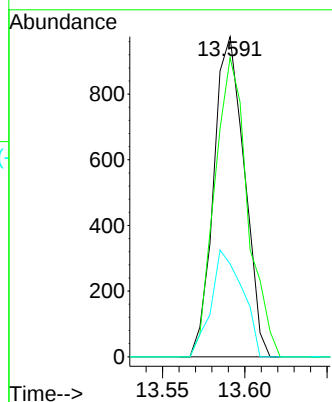
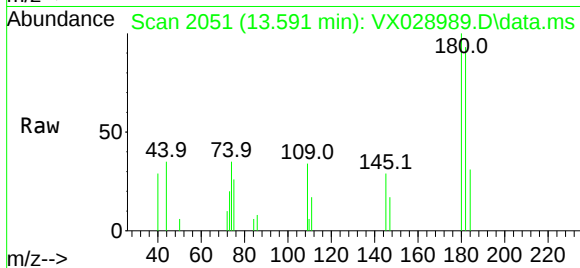
Tgt Ion:180 Resp: 1263

Ion Ratio Lower Upper

180 100

182 100.3 47.7 143.1

145 34.1 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.525 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028989.D

Acq: 26 May 2022 11:13

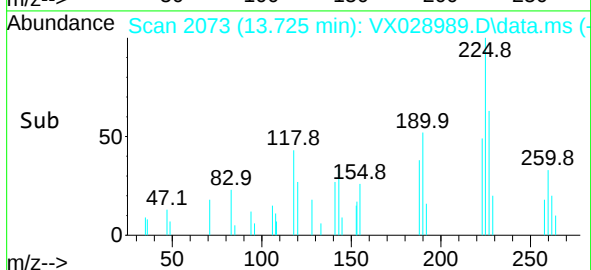
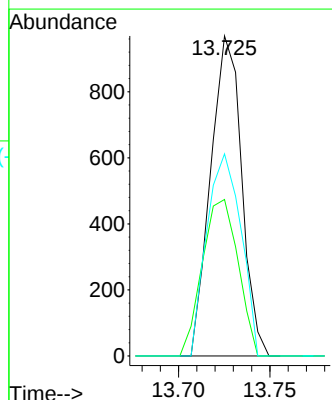
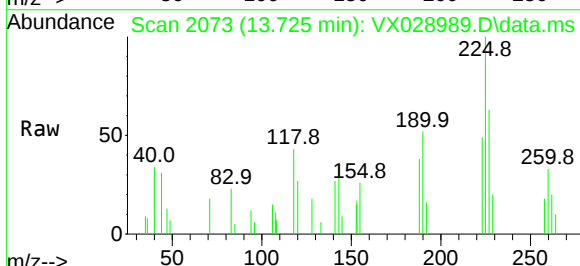
Tgt Ion:225 Resp: 1143

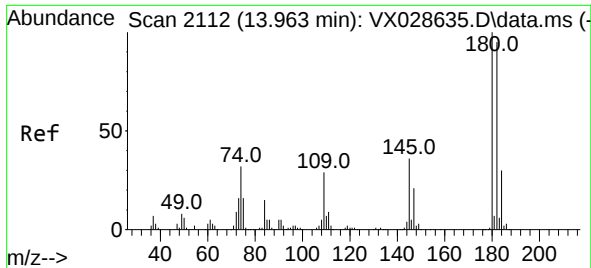
Ion Ratio Lower Upper

225 100

223 56.5 34.2 102.5

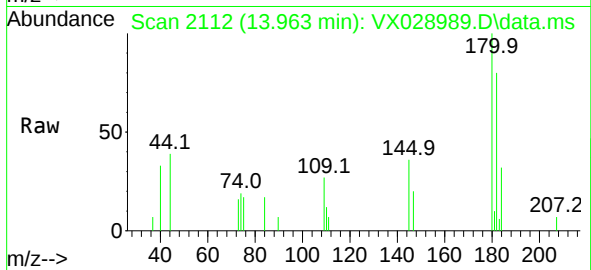
227 69.6 33.9 101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.233 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028989.D
 Acq: 26 May 2022 11:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526MBL01



Tgt Ion:	180	Resp:	1256
Ion	Ratio	Lower	Upper
180	100		
182	103.7	50.0	149.8
145	37.5	16.2	48.5

