

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028912.D
 Acq On : 24 May 2022 11:29
 Operator : JC/MD
 Sample : VX0524MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

Quant Time: May 24 17:21:21 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	5.556	168	342841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	605227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	571370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	232304	49.431	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.860%		
35) Dibromofluoromethane	5.385	113	200064	50.453	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.900%		
50) Toluene-d8	8.647	98	713270	47.710	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.420%		
62) 4-Bromofluorobenzene	11.079	95	275763	49.385	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.760%		
Target Compounds						
5) Bromomethane	1.618	94	1594	Below Cal		90
6) Chloroethane	1.630	64	212	Below Cal	#	43
10) Methyl Iodide	2.471	142	1115	0.244	ug/l	98
13) Acrolein	2.239	56	230	0.298	ug/l #	75
16) Acetone	2.386	43	2093	1.038	ug/l	99
17) Carbon Disulfide	2.514	76	2104	0.229	ug/l #	93
20) Methylene Chloride	2.788	84	1249	0.295	ug/l #	86
25) 2-Butanone	4.574	43	664	0.210	ug/l #	44
29) Tetrahydrofuran	5.038	42	415	0.202	ug/l #	50
31) Cyclohexane	5.550	56	6716	1.030	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	27385	4.598	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35140	5.863	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	129	1.659	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	140599	23.063	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	140599	67.347	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	1796	0.346	ug/l	98
94) Hexachlorobutadiene	13.725	225	1513	0.716	ug/l	98
95) Naphthalene	13.780	128	4869	0.263	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	2161	0.414	ug/l	92

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

Quant Time: May 24 17:21:21 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

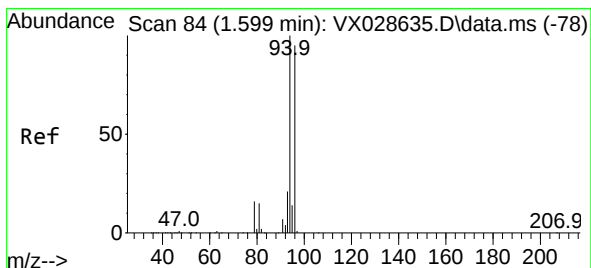
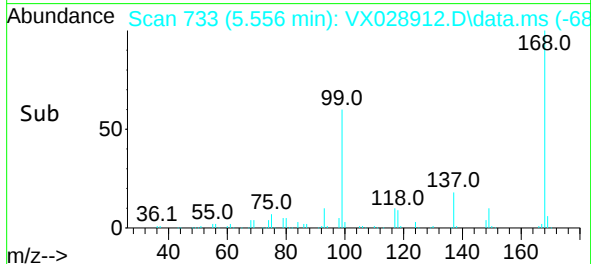
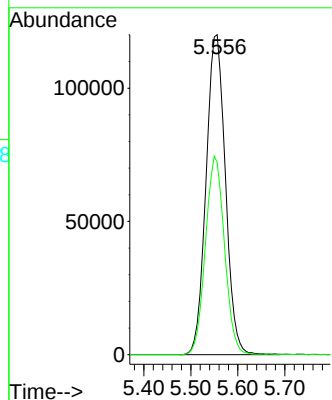
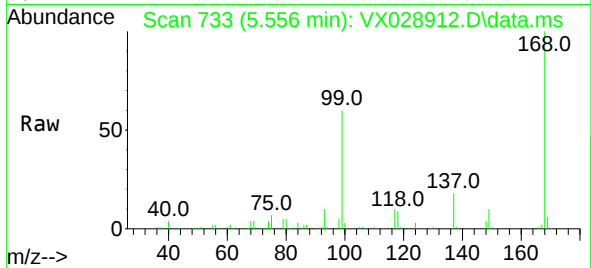




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

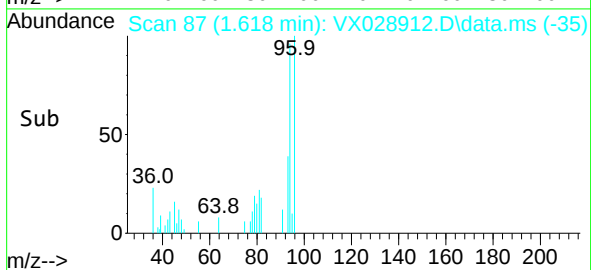
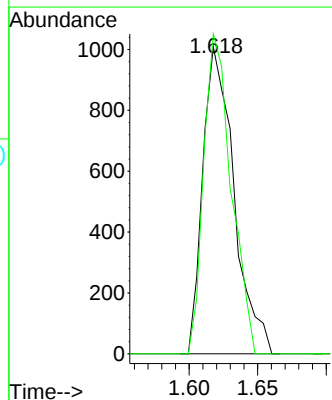
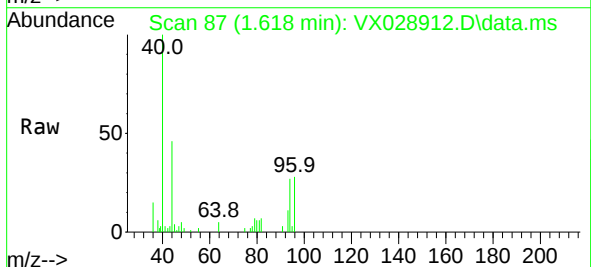
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

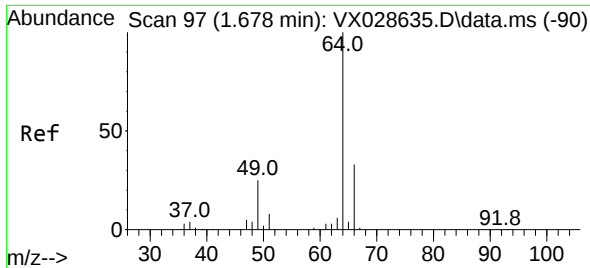
Tgt Ion:168 Resp: 342841
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion: 94 Resp: 1594
Ion Ratio Lower Upper
94 100
96 104.2 75.3 112.9

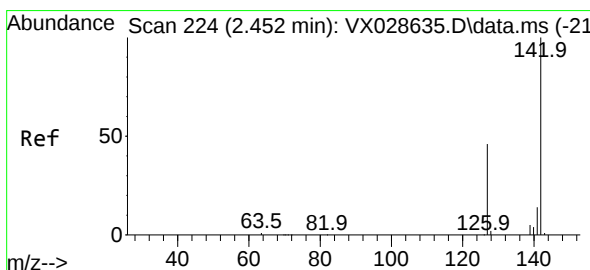
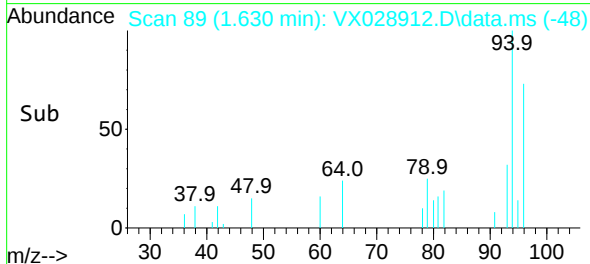
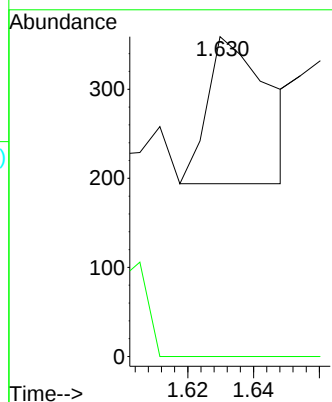
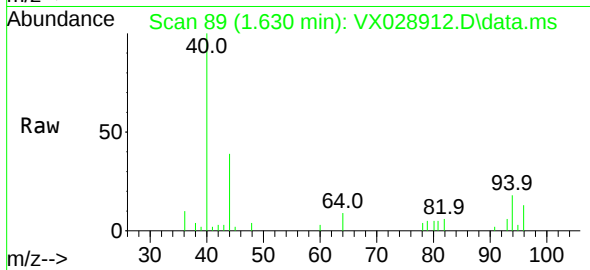




#6
Chloroethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. -0.048 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

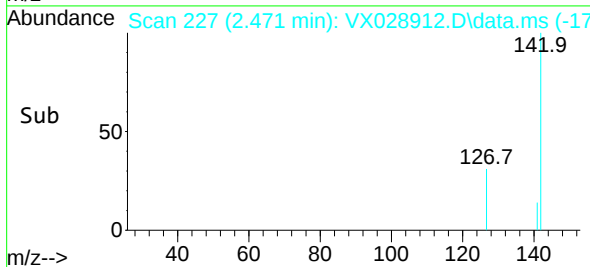
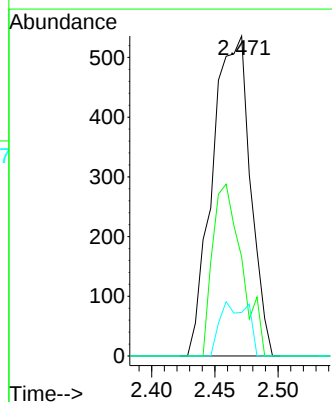
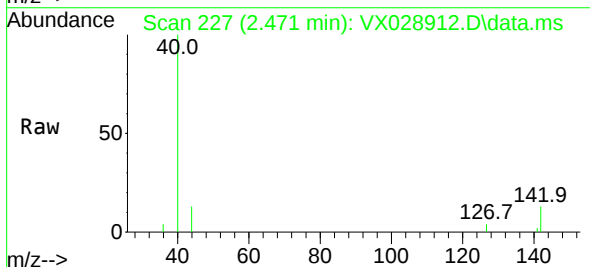
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

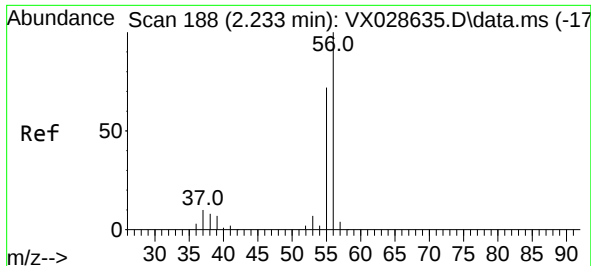
Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.244 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.019 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion: 142 Resp: 1115
Ion Ratio Lower Upper
142 100
127 41.4 33.9 50.9
141 12.4 11.4 17.2

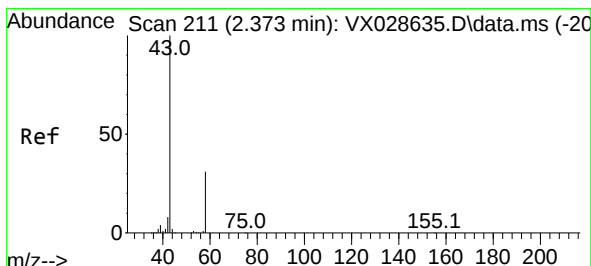
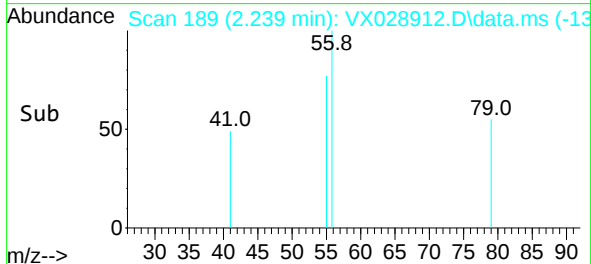
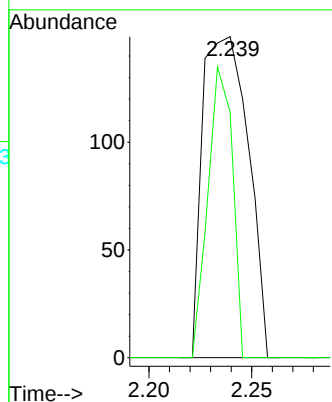
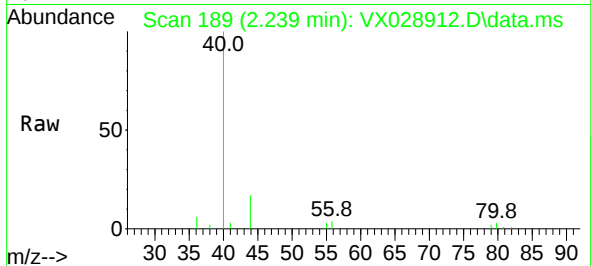




#13
Acrolein
Concen: 0.298 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

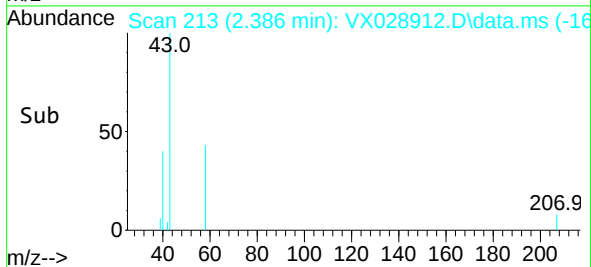
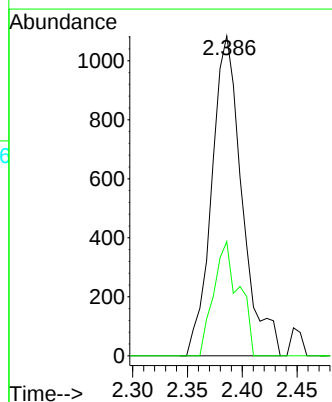
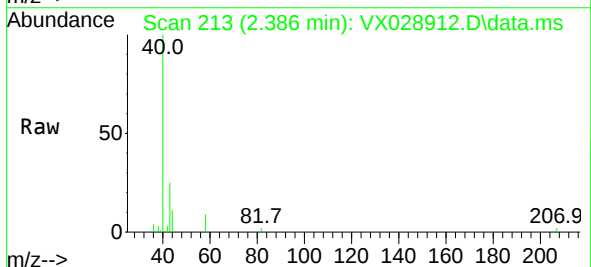
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

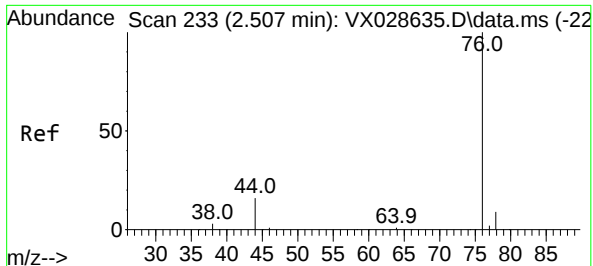
Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 48.7 55.0 82.6#



#16
Acetone
Concen: 1.038 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion: 43 Resp: 2093
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2

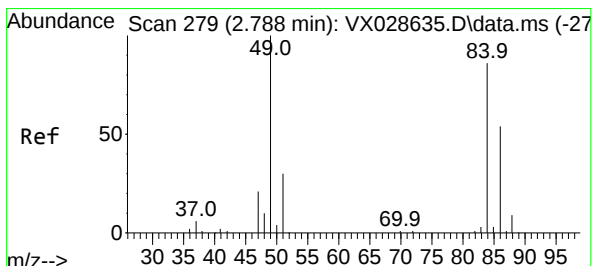
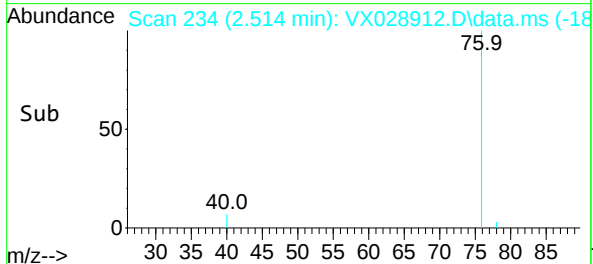
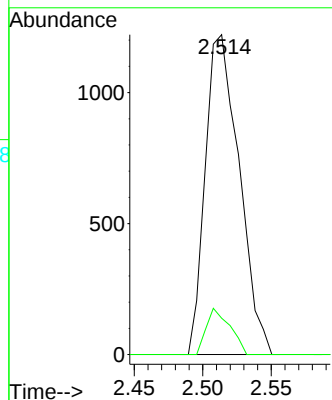
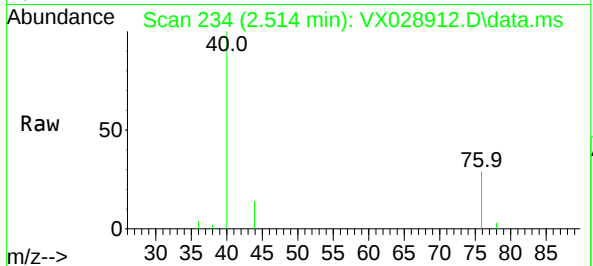




#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

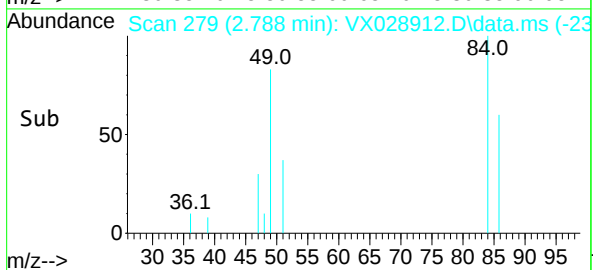
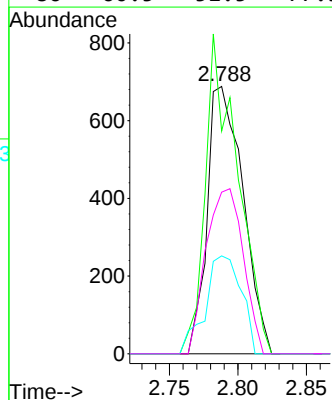
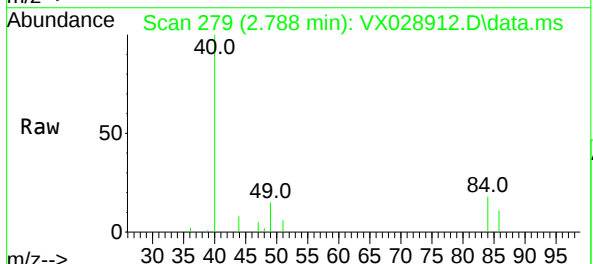
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

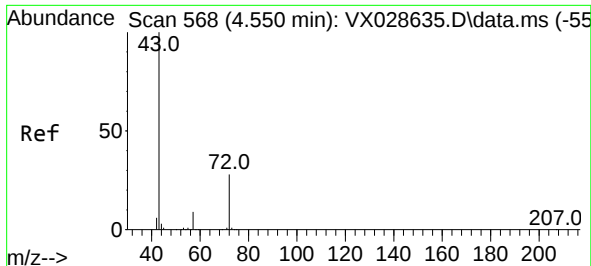
Tgt Ion: 76 Resp: 2104
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#



#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion: 84 Resp: 1249
Ion Ratio Lower Upper
84 100
49 83.3 85.5 128.3#
51 36.6 26.6 39.8
86 60.5 51.5 77.3





#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX028912.D

Acq: 24 May 2022 11:29

Instrument :

MSVOA_X

ClientSampleId :

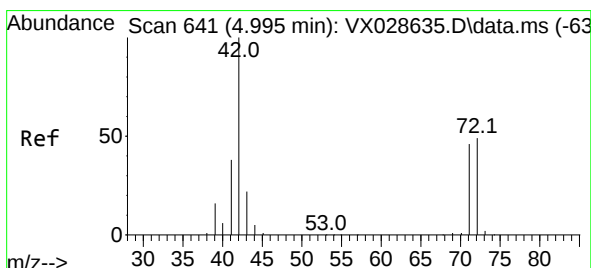
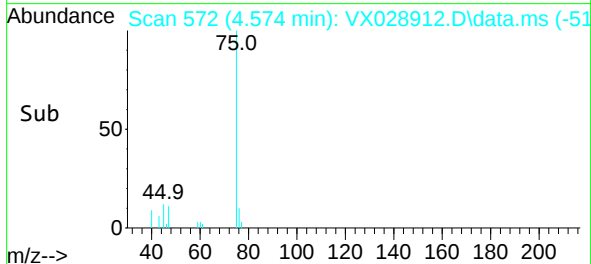
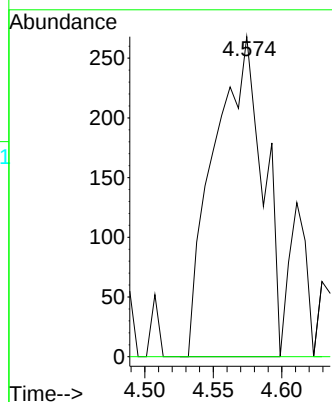
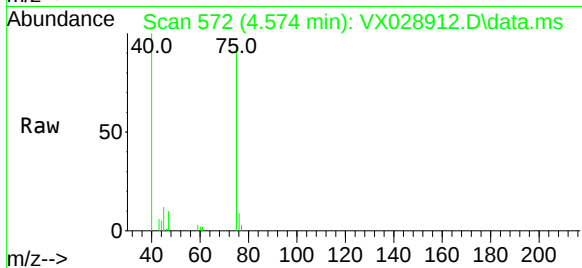
VX0524MBL01

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#29

Tetrahydrofuran

Concen: 0.202 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.043 min

Lab File: VX028912.D

Acq: 24 May 2022 11:29

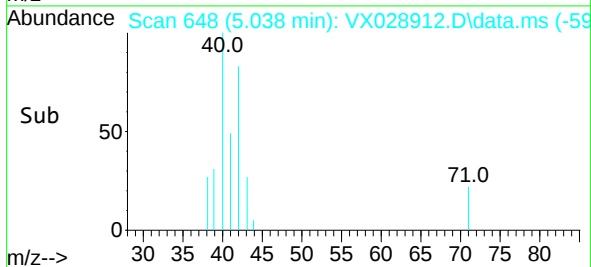
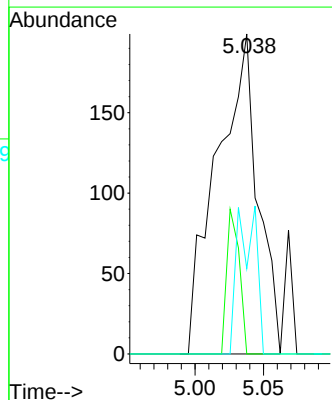
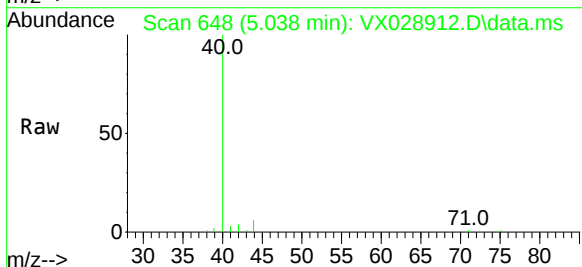
Tgt Ion: 42 Resp: 415

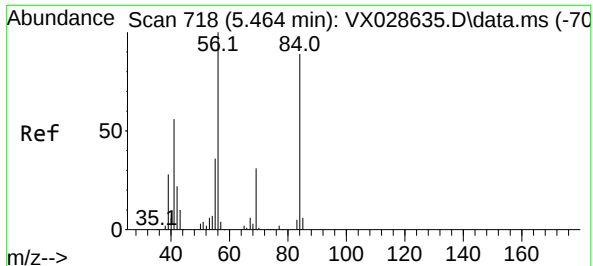
Ion Ratio Lower Upper

42 100

72 13.7 44.1 66.1#

71 20.7 40.5 60.7#

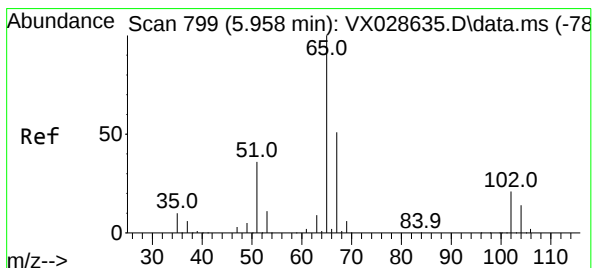
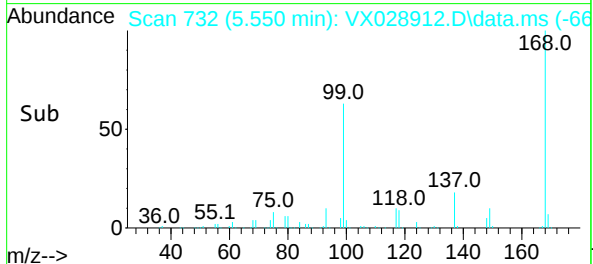
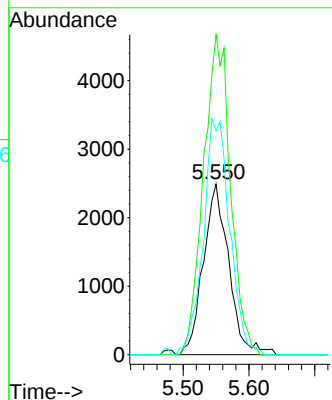
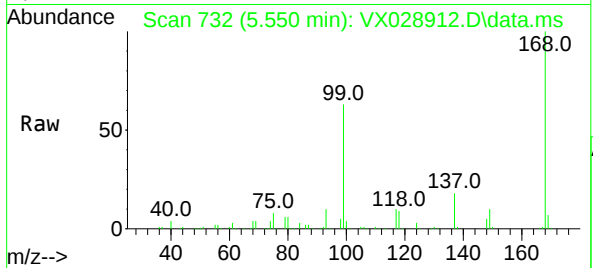




#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

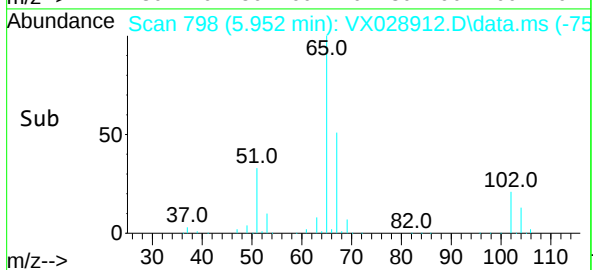
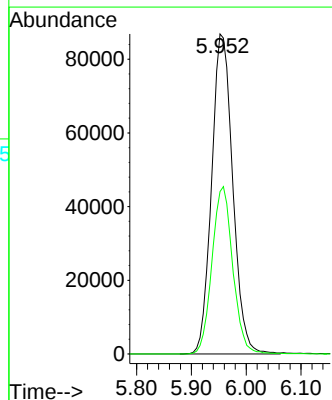
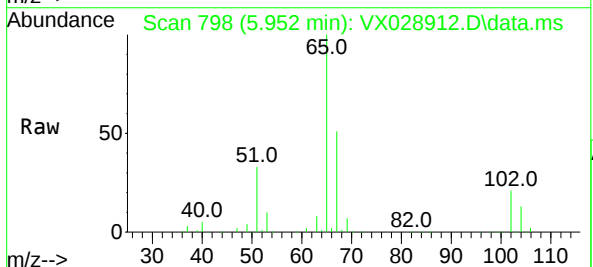
Instrument :
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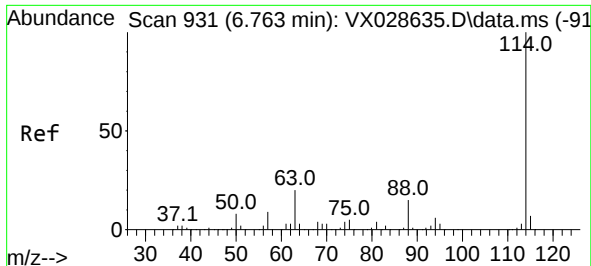
Tgt Ion: 56 Resp: 6716
Ion Ratio Lower Upper
56 100
69 187.6 26.7 40.1#
84 131.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.431 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion: 65 Resp: 232304
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

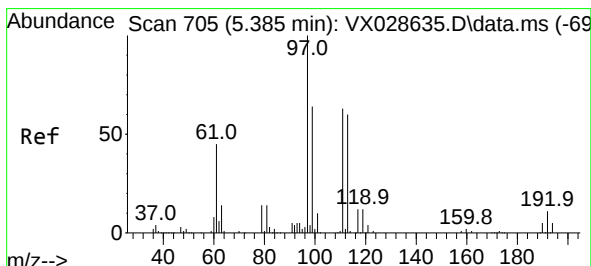
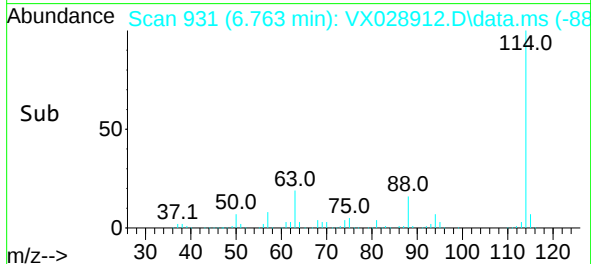
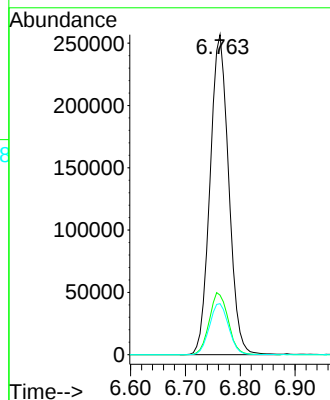
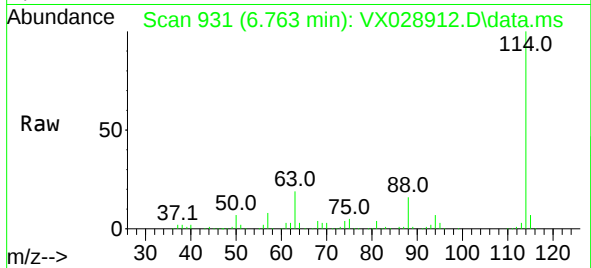




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

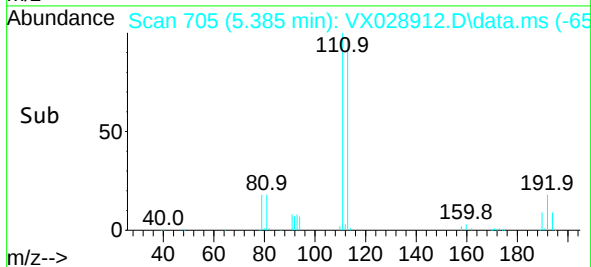
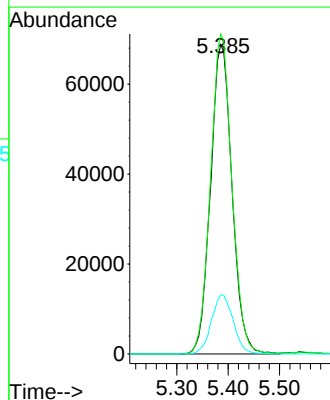
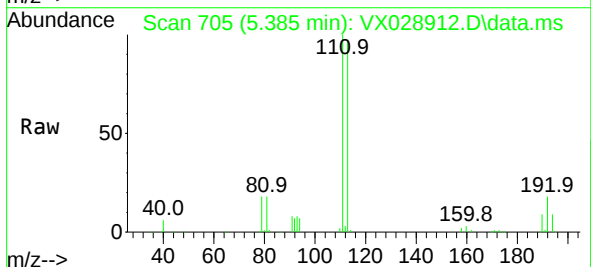
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

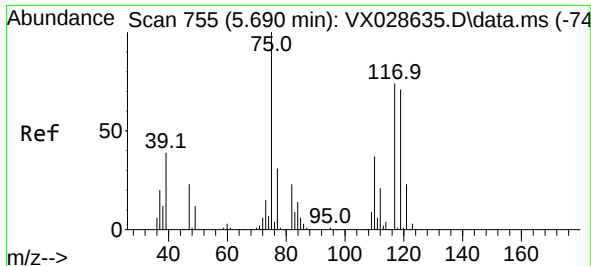
Tgt Ion:114 Resp: 605227
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.453 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion:113 Resp: 200064
Ion Ratio Lower Upper
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111 102.8 82.8 124.2
192 19.4 16.9 25.3

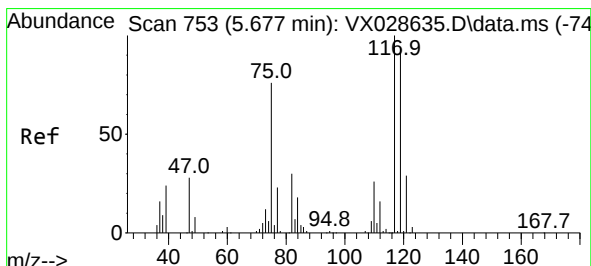
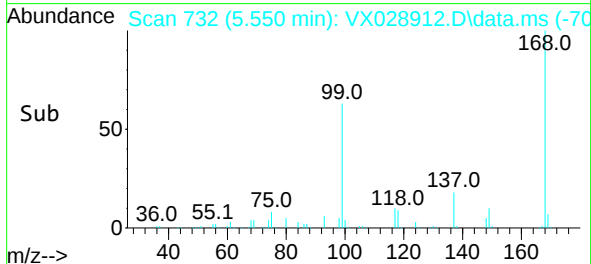
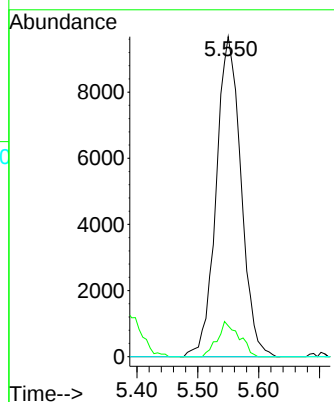
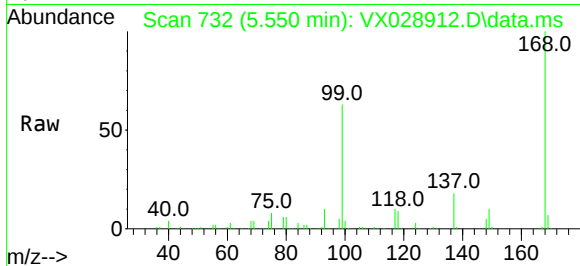




#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

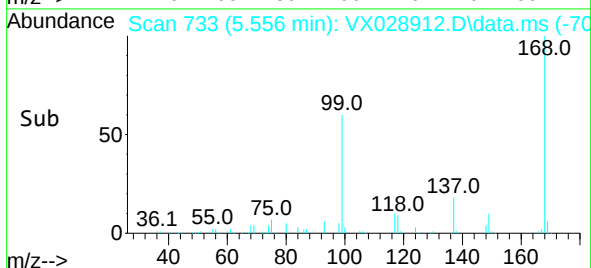
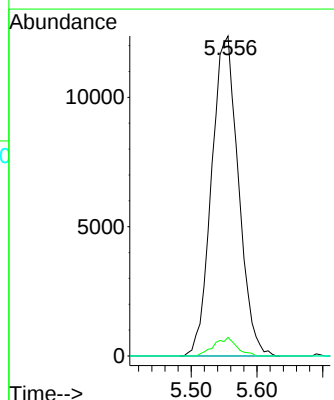
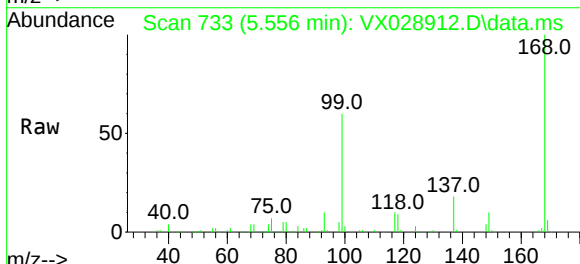
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

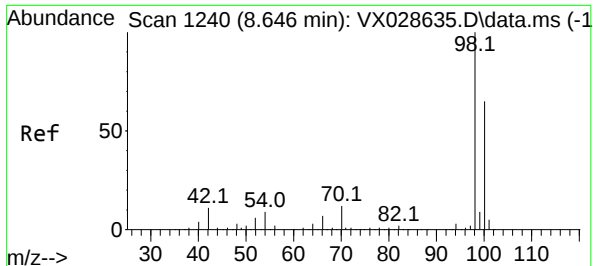
Tgt Ion: 75 Resp: 27385
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.863 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion: 117 Resp: 35140
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#

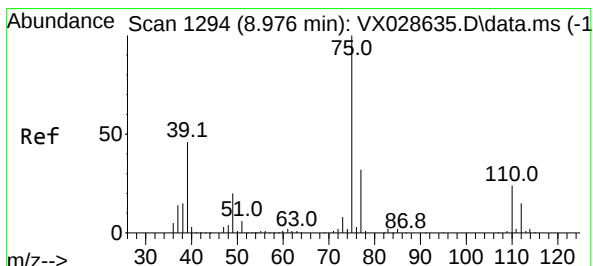
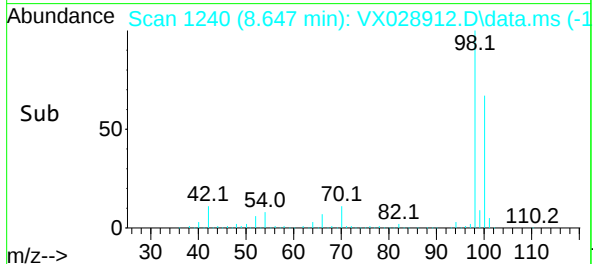
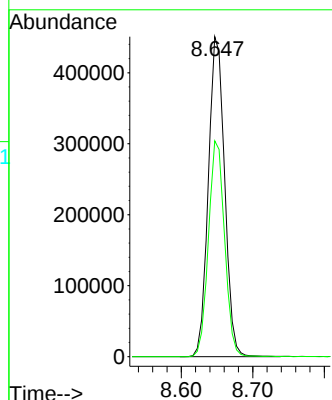
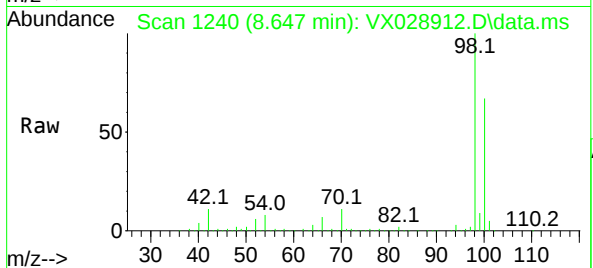




#50
Toluene-d8
Concen: 47.710 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

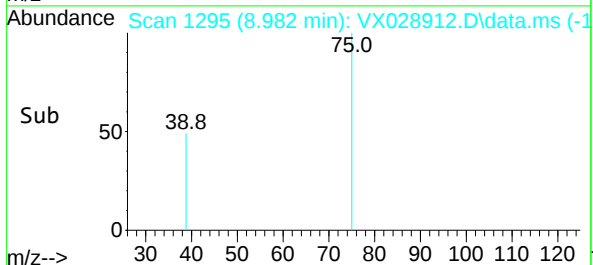
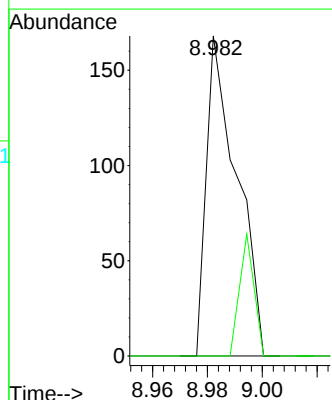
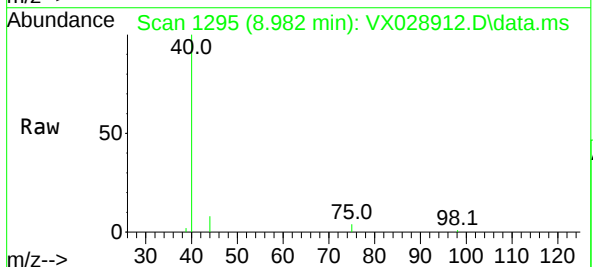
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

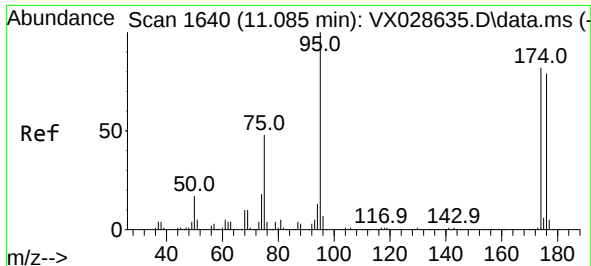
Tgt Ion: 98 Resp: 713270
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.659 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion: 75 Resp: 129
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

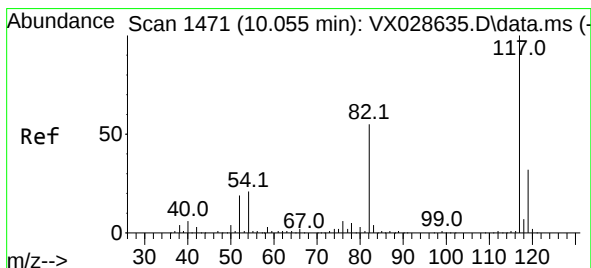
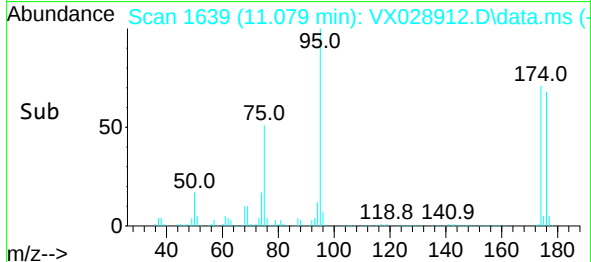
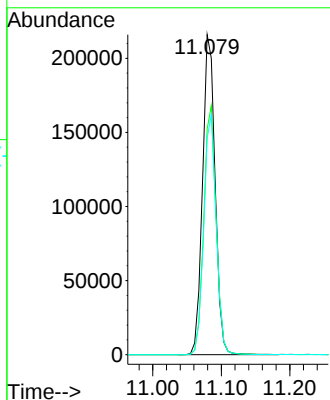
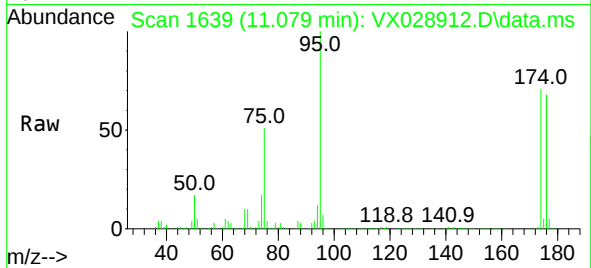




#62
4-Bromofluorobenzene
Concen: 49.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

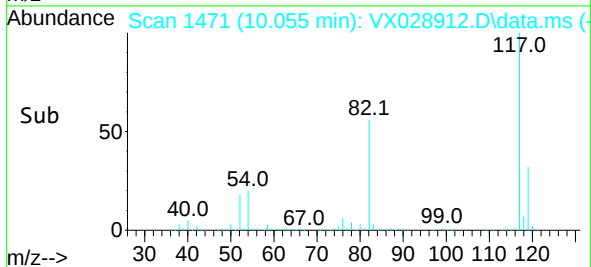
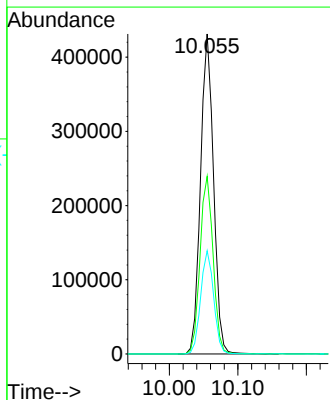
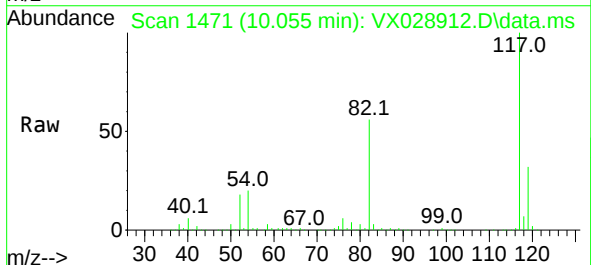
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

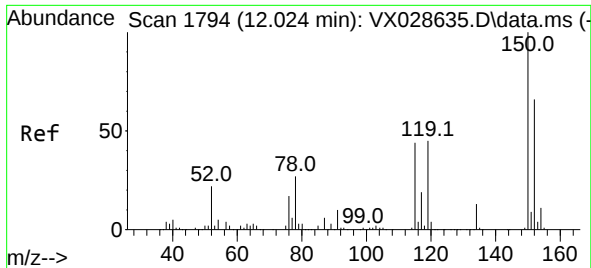
Tgt Ion: 95 Resp: 275763
Ion Ratio Lower Upper
95 100
174 76.4 0.0 163.0
176 74.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion: 117 Resp: 571370
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.2 24.8 37.2

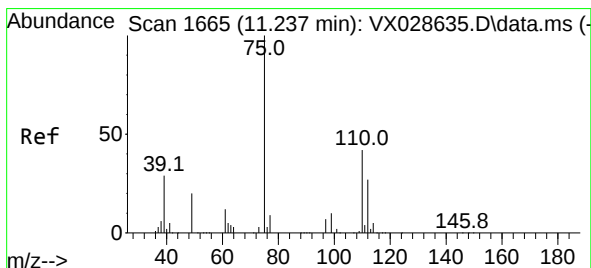
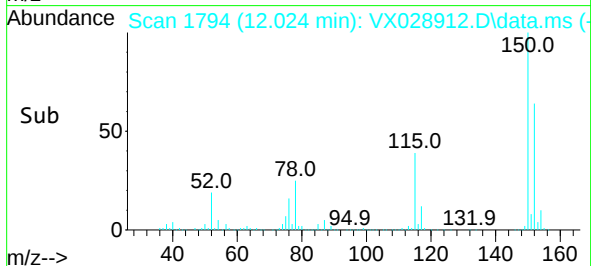
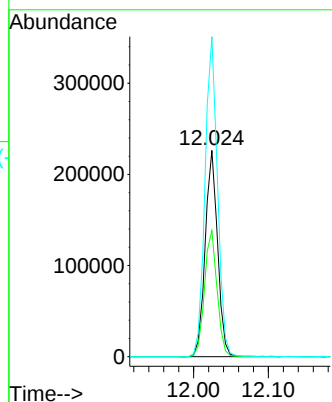
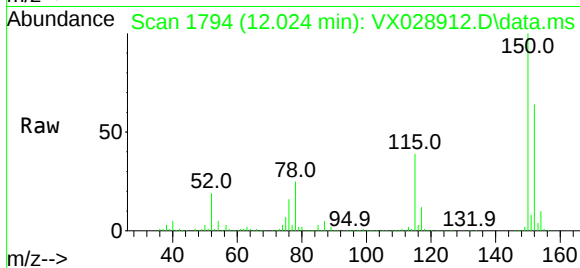




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX028912.D
 Acq: 24 May 2022 11:29

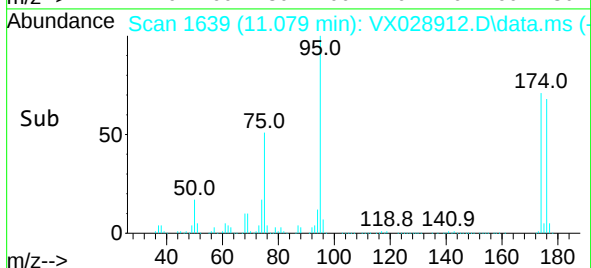
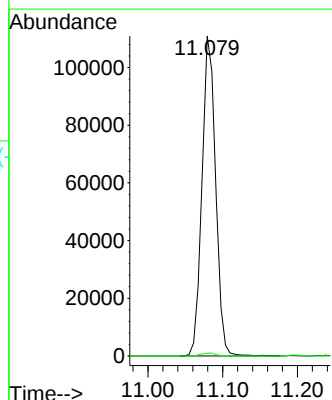
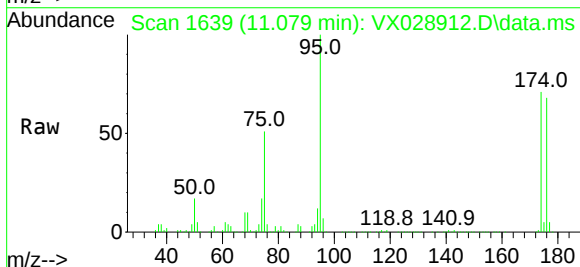
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

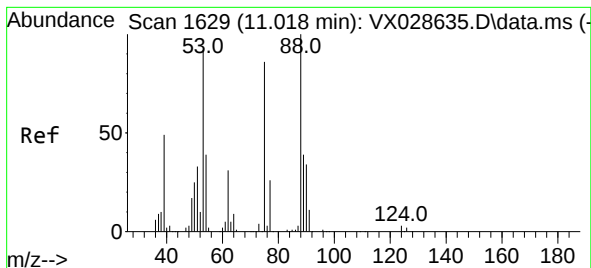
Tgt Ion:152 Resp: 260314
 Ion Ratio Lower Upper
 152 100
 115 61.9 37.5 112.7
 150 156.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.063 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028912.D
 Acq: 24 May 2022 11:29

Tgt Ion: 75 Resp: 140599
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#

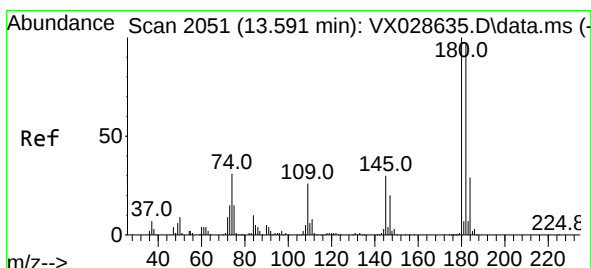
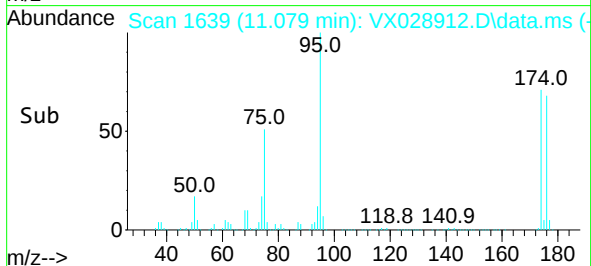
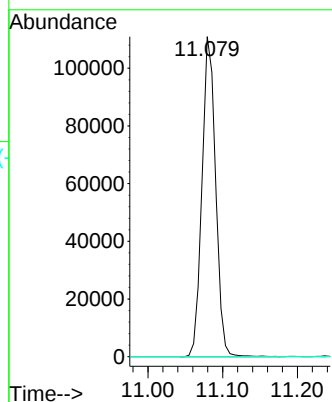
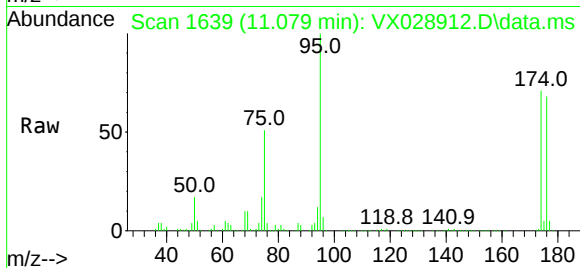




#81
trans-1,4-Dichloro-2-butene
Concen: 67.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

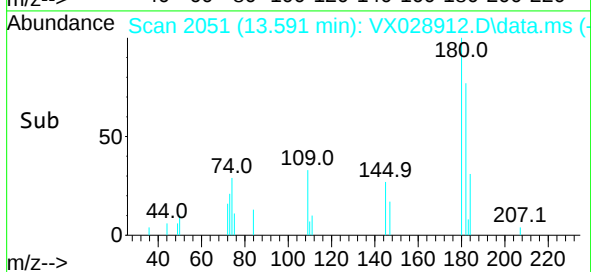
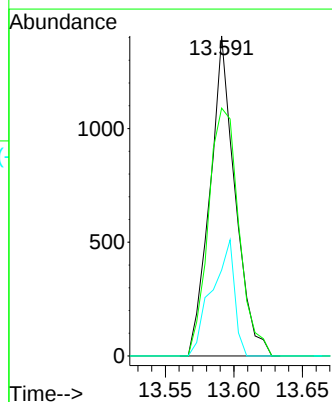
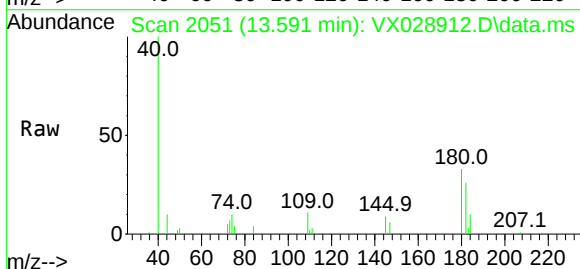
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

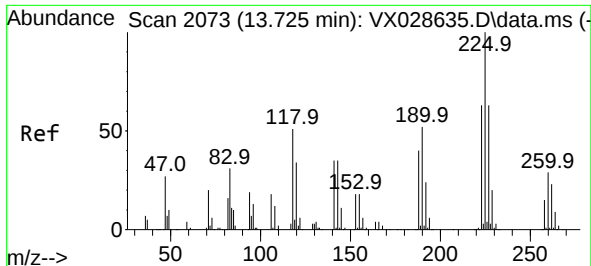
Tgt Ion: 75 Resp: 140599
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.346 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

Tgt Ion: 180 Resp: 1796
Ion Ratio Lower Upper
180 100
182 93.8 47.7 143.1
145 32.6 15.2 45.5

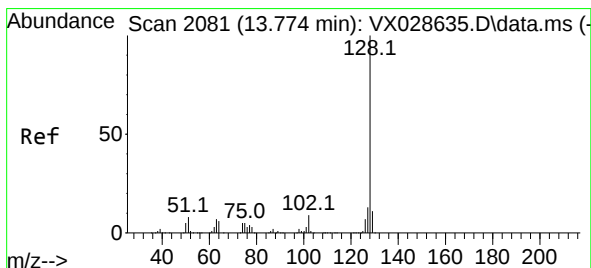
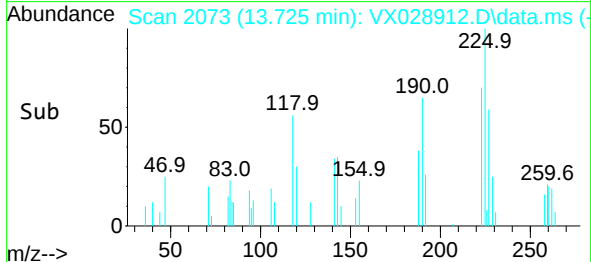
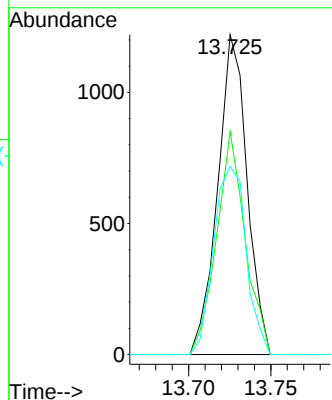
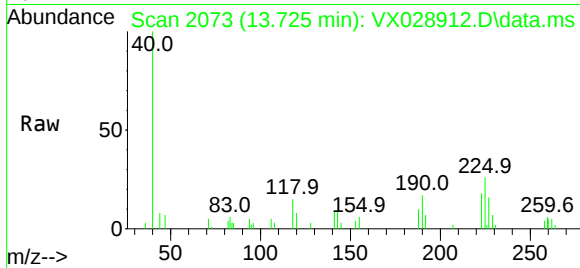




#94
Hexachlorobutadiene
Concen: 0.716 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

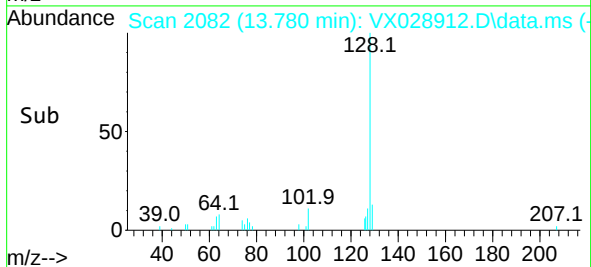
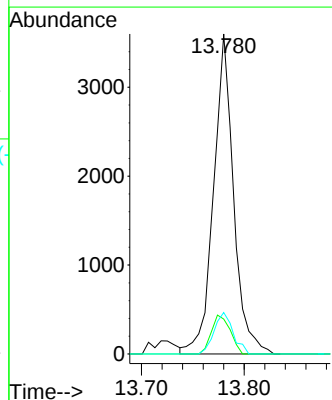
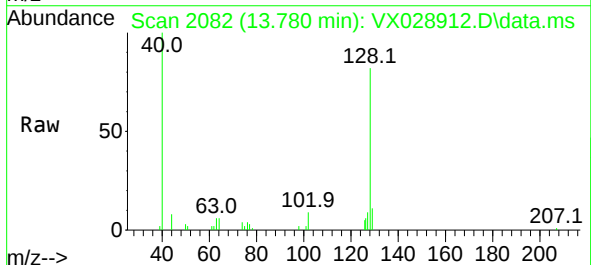
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

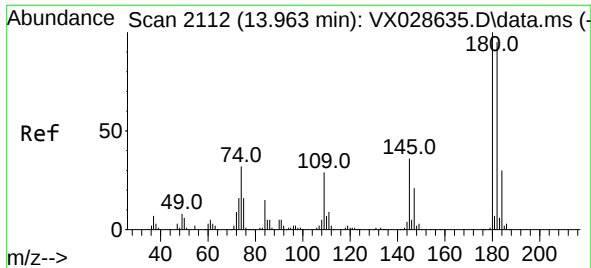
Tgt Ion:	225	Resp:	1513
Ion Ratio	Lower	Upper	
225	100		
223	68.1	34.2	102.5
227	65.2	33.9	101.7



#95
Naphthalene
Concen: 0.263 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028912.D
Acq: 24 May 2022 11:29

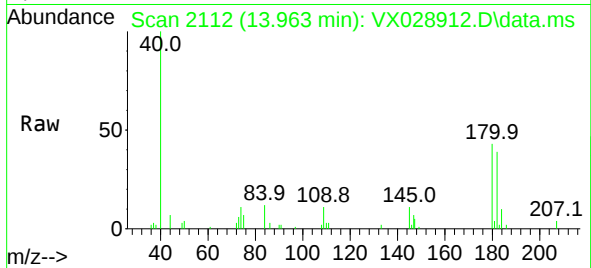
Tgt Ion:	128	Resp:	4869
Ion Ratio	Lower	Upper	
128	100		
127	11.4	10.2	15.4
129	12.3	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.414 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028912.D
 Acq: 24 May 2022 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01



Tgt Ion:	180	Resp:	2161
Ion	Ratio	Lower	Upper
180	100		
182	88.9	50.0	149.8
145	32.6	16.2	48.5

