

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028123.D
 Acq On : 15 Apr 2022 11:02
 Operator : JC/MD
 Sample : VX0415MBL01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBL01

Quant Time: Apr 16 02:22:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

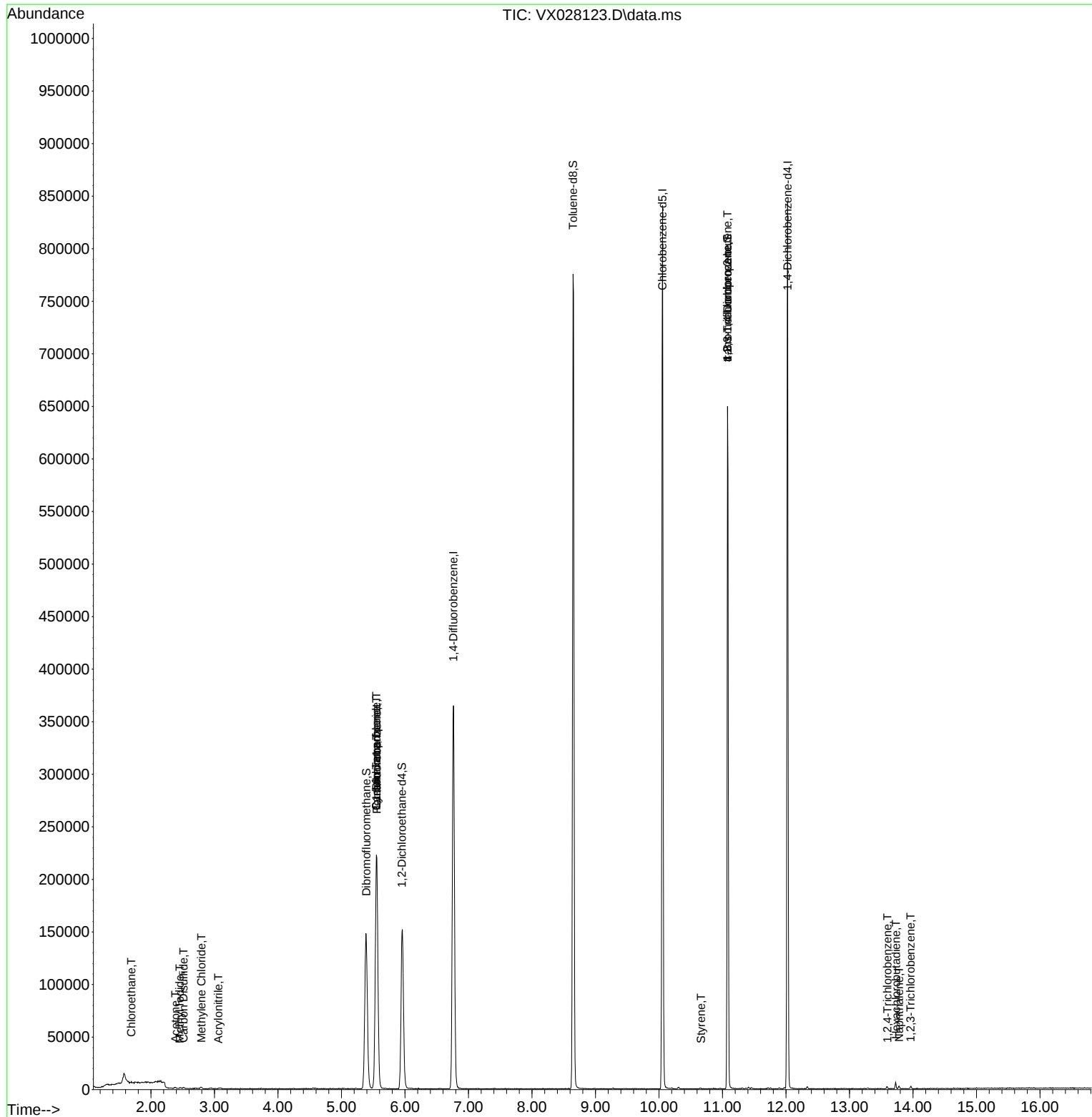
Internal Standards						
1) Pentafluorobenzene	5.556	168	216999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	375809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	139156	47.268	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.540%		
35) Dibromofluoromethane	5.391	113	122384	49.698	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.400%		
50) Toluene-d8	8.647	98	455511	49.597	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.200%		
62) 4-Bromofluorobenzene	11.079	95	149008	43.453	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.900%		
Target Compounds						Qvalue
5) Bromomethane	1.612	94	877	Below Cal		97
6) Chloroethane	1.691	64	84	2.637 ug/l #		15
10) Methyl Iodide	2.453	142	1051	0.413 ug/l		95
13) Acrolein	2.239	56	202	Below Cal		94
15) Acrylonitrile	3.063	53	334	0.236 ug/l #		27
16) Acetone	2.386	43	1236	1.008 ug/l		94
17) Carbon Disulfide	2.514	76	1552	0.276 ug/l #		75
20) Methylene Chloride	2.794	84	850	0.348 ug/l #		76
31) Cyclohexane	5.550	56	5387	1.331 ug/l #		61
36) 1,1-Dichloropropene	5.550	75	17339	4.613 ug/l #		49
38) Carbon Tetrachloride	5.550	117	21858	5.448 ug/l #		15
70) Styrene	10.659	104	168	4.718 ug/l #		34
76) 1,2,3-Trichloropropane	11.079	75	84453	23.387 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	84453	65.870 ug/l #		15
93) 1,2,4-Trichlorobenzene	13.597	180	765	0.250 ug/l #		68
94) Hexachlorobutadiene	13.731	225	807	0.653 ug/l		88
95) Naphthalene	13.780	128	2172	0.203 ug/l		97
96) 1,2,3-Trichlorobenzene	13.963	180	686	0.226 ug/l		98

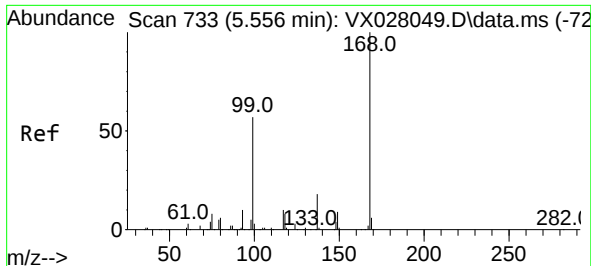
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

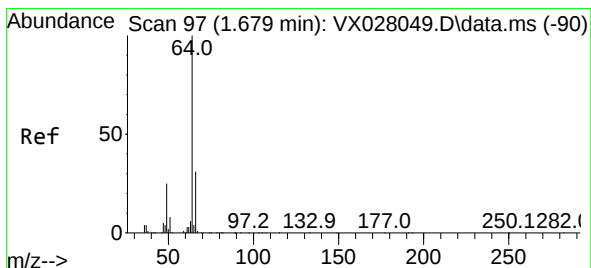
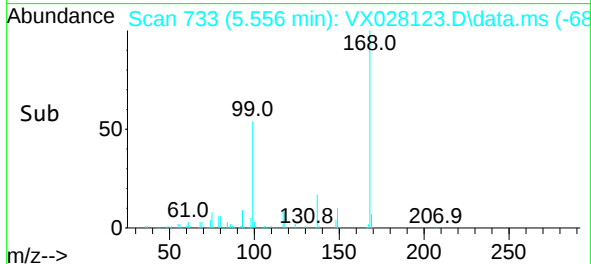
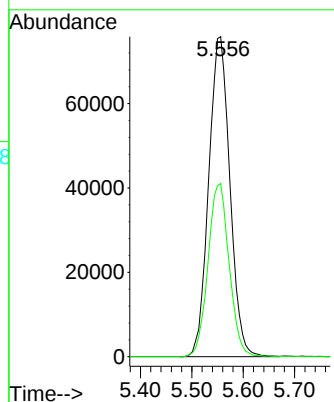
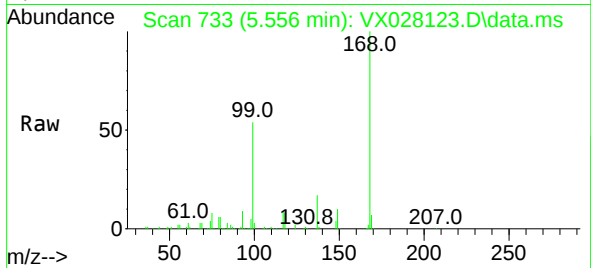




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

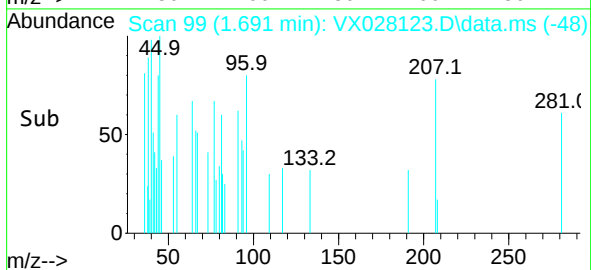
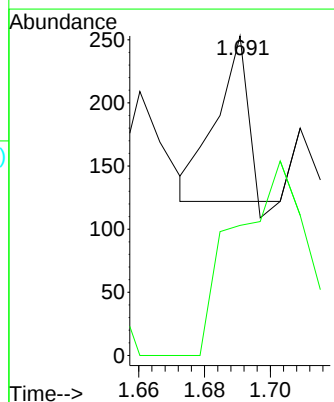
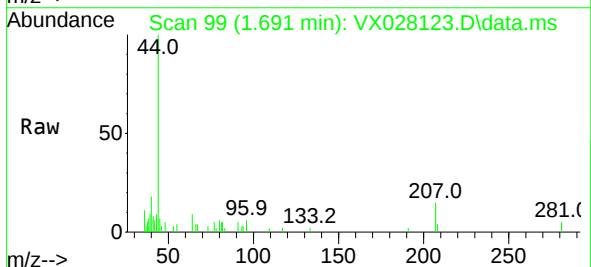
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

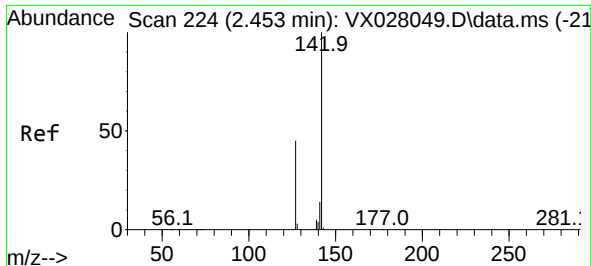
Tgt Ion:168 Resp: 216999
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#6
Chloroethane
Concen: 2.637 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

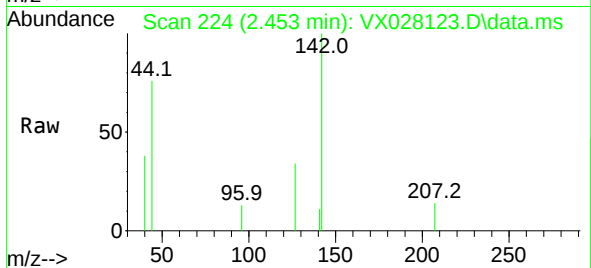
Tgt Ion: 64 Resp: 84
Ion Ratio Lower Upper
64 100
66 78.6 25.3 37.9#



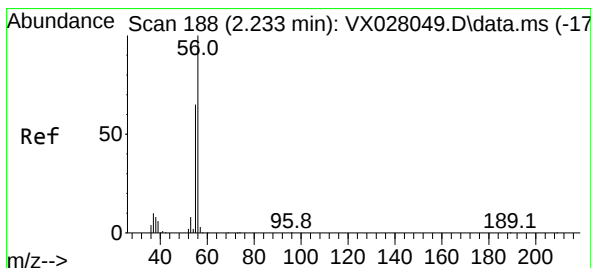
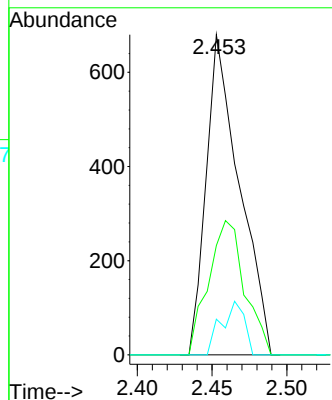
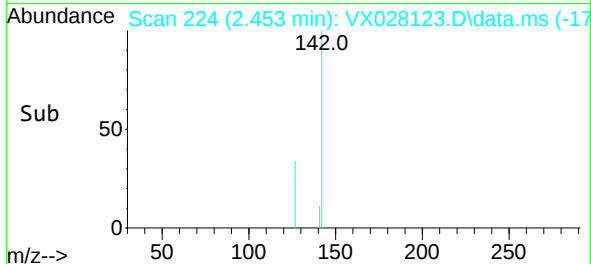


#10
Methyl Iodide
Concen: 0.413 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

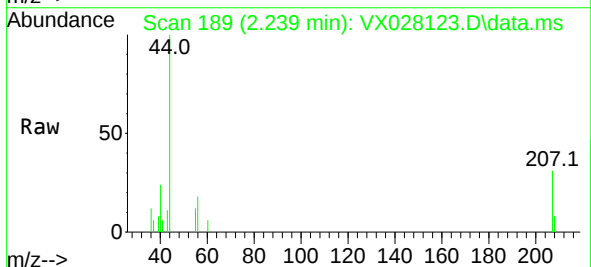
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01



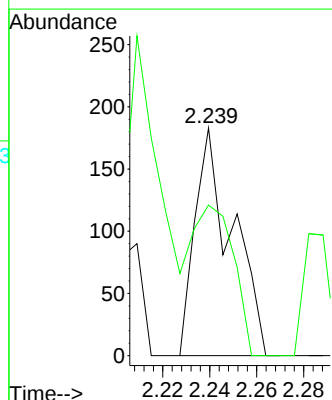
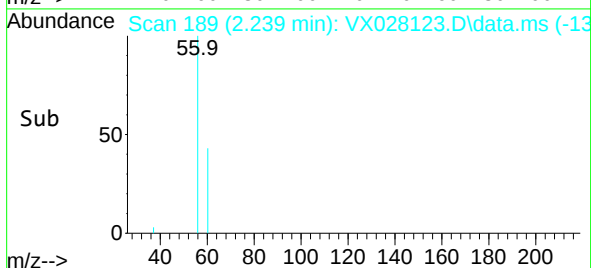
Tgt Ion:142 Resp: 1051
Ion Ratio Lower Upper
142 100
127 45.6 33.9 50.9
141 11.6 11.4 17.2

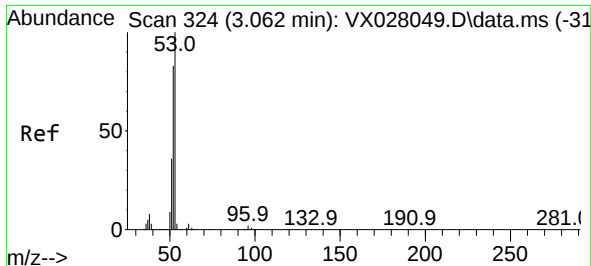


#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02



Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 73.8 55.0 82.6

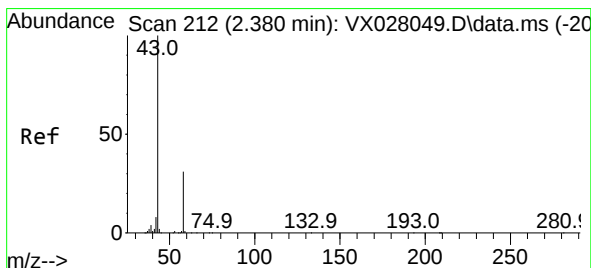
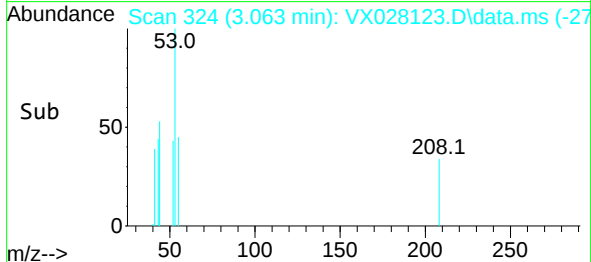
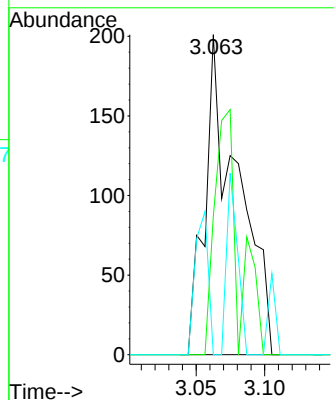
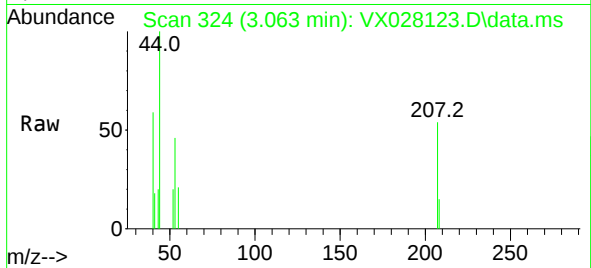




#15
 Acrylonitrile
 Concen: 0.236 ug/l
 RT: 3.063 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VX028123.D
 Acq: 15 Apr 2022 11:02

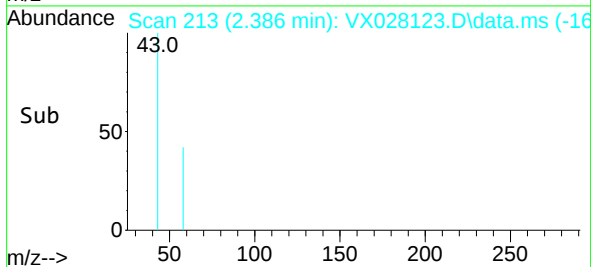
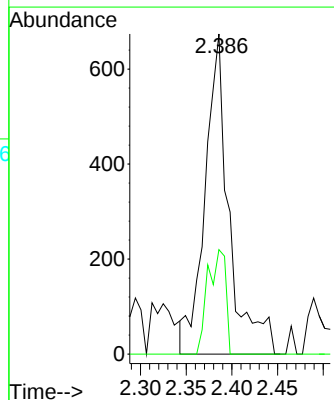
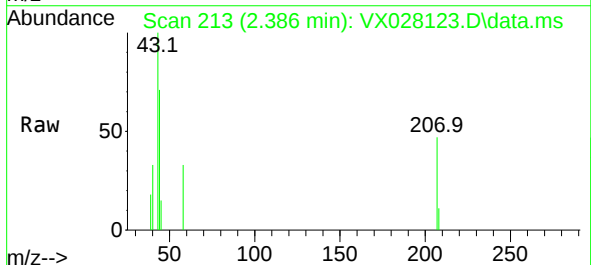
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBL01

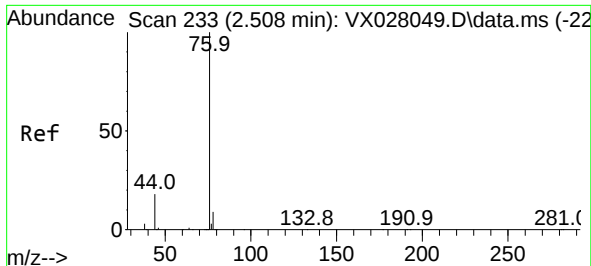
Tgt Ion: 53 Resp: 334
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.7 98.5#
 51 18.0 28.4 42.6#



#16
 Acetone
 Concen: 1.008 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX028123.D
 Acq: 15 Apr 2022 11:02

Tgt Ion: 43 Resp: 1236
 Ion Ratio Lower Upper
 43 100
 58 32.6 28.8 43.2

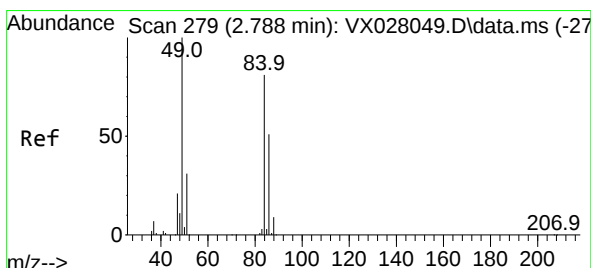
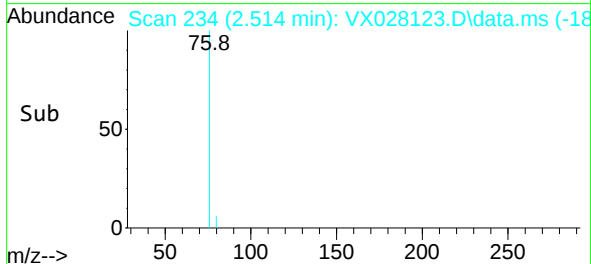
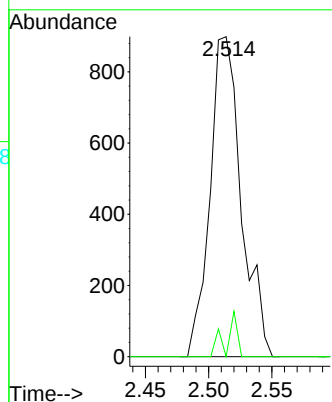
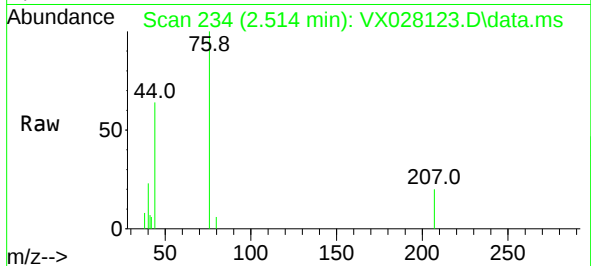




#17
Carbon Disulfide
Concen: 0.276 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

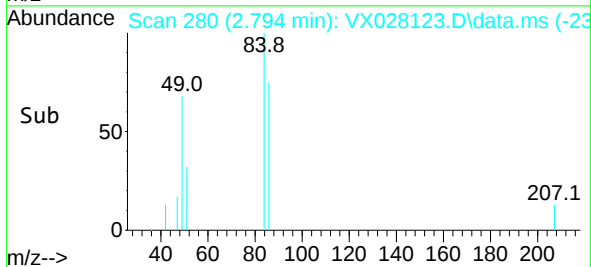
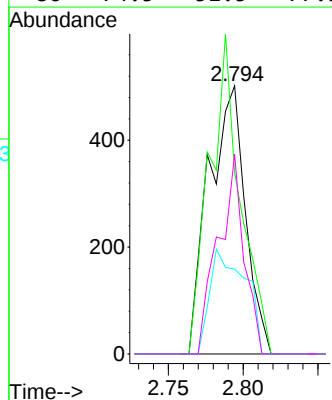
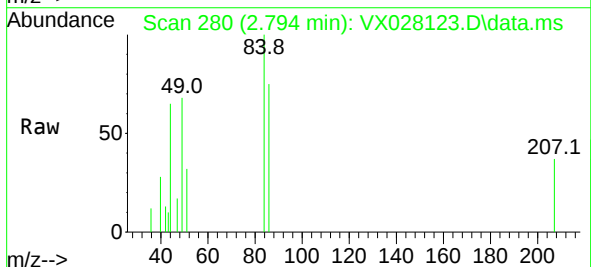
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

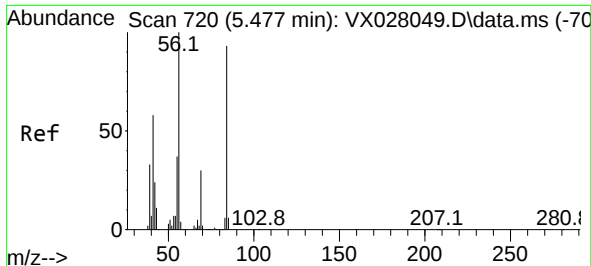
Tgt Ion: 76 Resp: 1552
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.348 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

Tgt Ion: 84 Resp: 850
Ion Ratio Lower Upper
84 100
49 67.7 85.5 128.3#
51 31.7 26.6 39.8
86 74.5 51.5 77.3

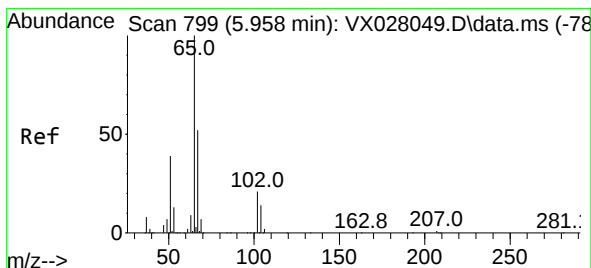
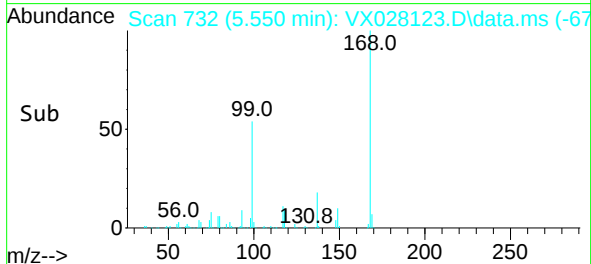
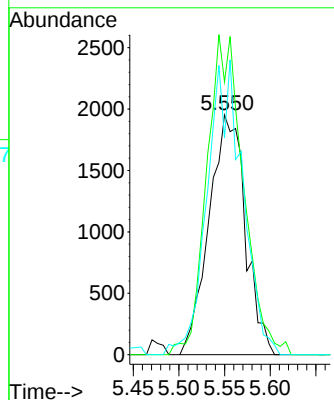
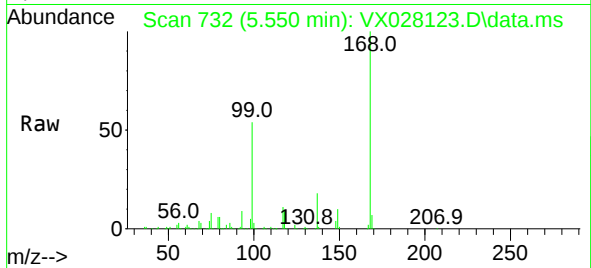




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

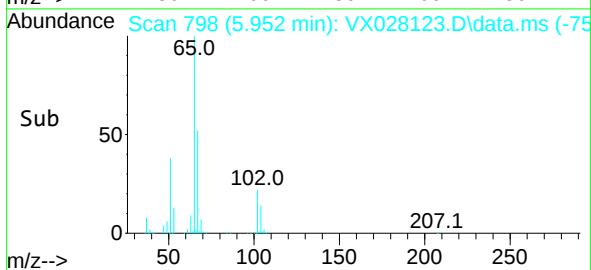
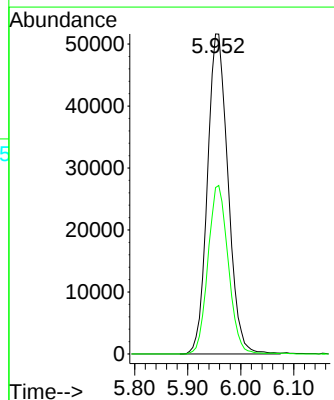
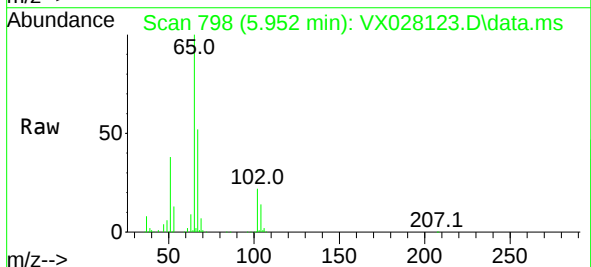
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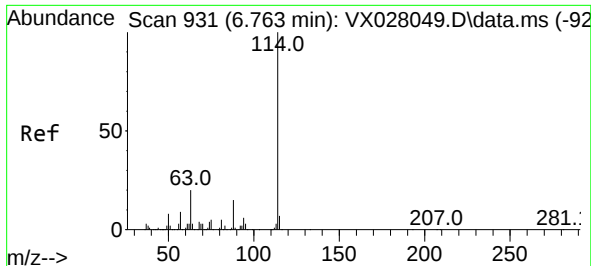
Tgt Ion: 56 Resp: 5387
Ion Ratio Lower Upper
56 100
69 110.3 26.7 40.1#
84 90.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 47.268 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

Tgt Ion: 65 Resp: 139156
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

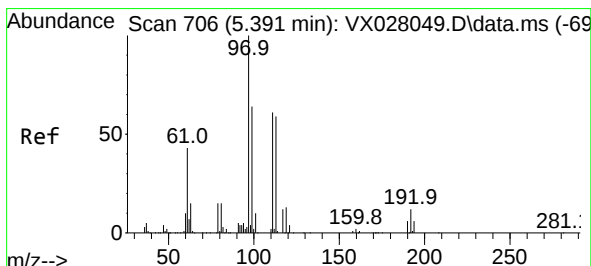
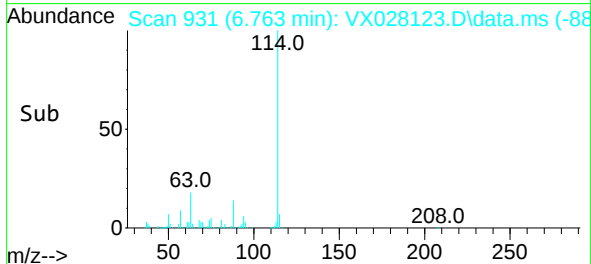
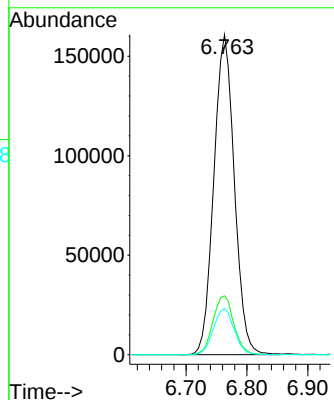
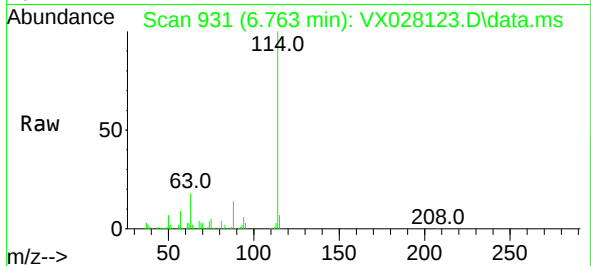




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

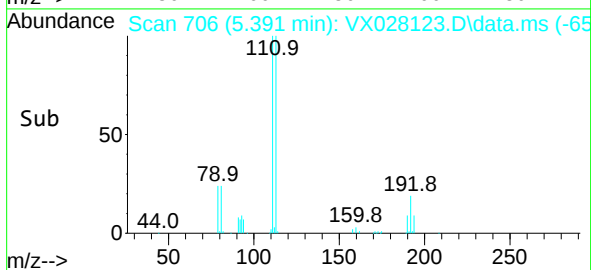
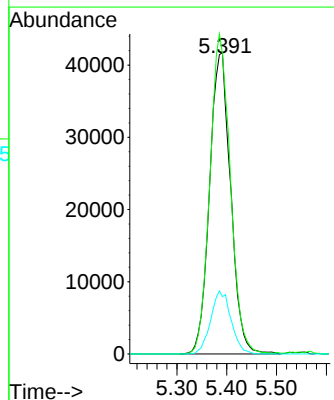
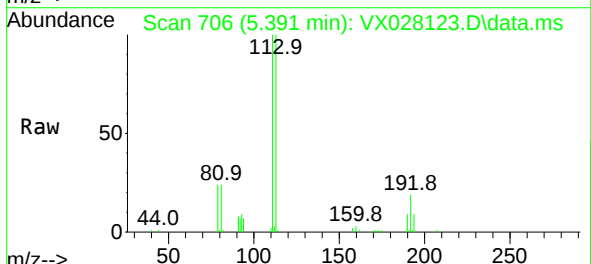
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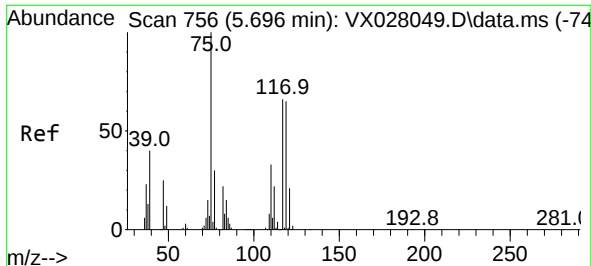
Tgt Ion:114 Resp: 375809
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 14.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.698 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

Tgt Ion:113 Resp: 122384
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 20.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.613 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX028123.D

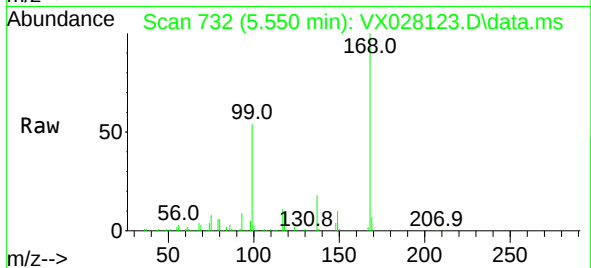
Acq: 15 Apr 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBL01



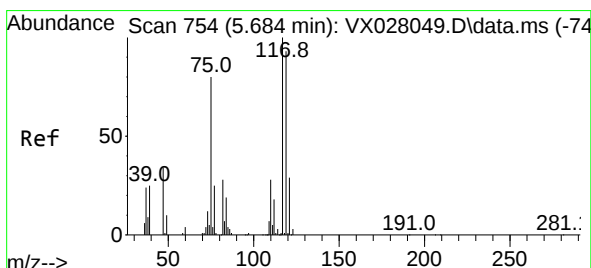
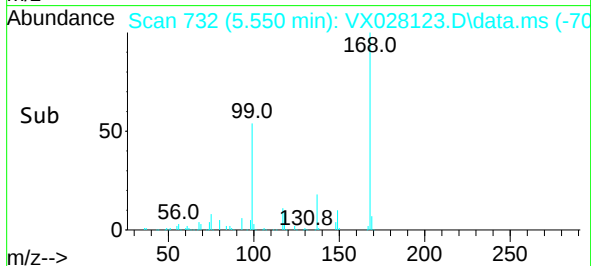
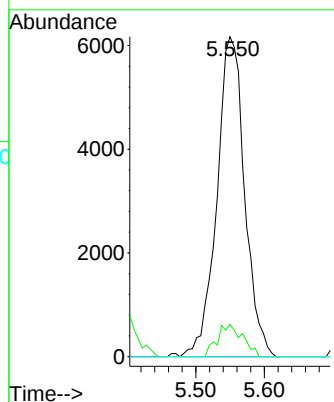
Tgt Ion: 75 Resp: 17339

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.448 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX028123.D

Acq: 15 Apr 2022 11:02

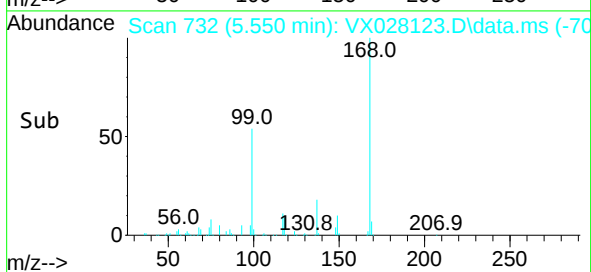
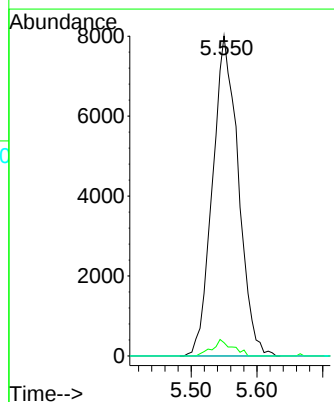
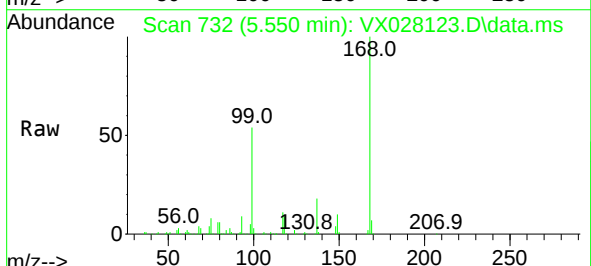
Tgt Ion: 117 Resp: 21858

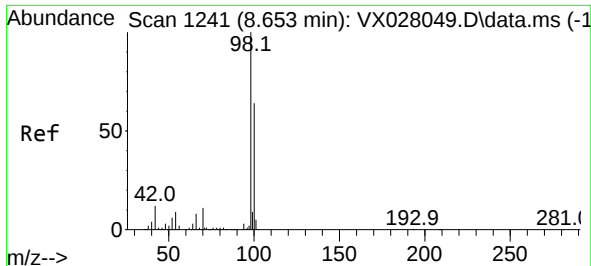
Ion Ratio Lower Upper

117 100

119 4.1 77.3 115.9#

121 0.0 24.2 36.2#

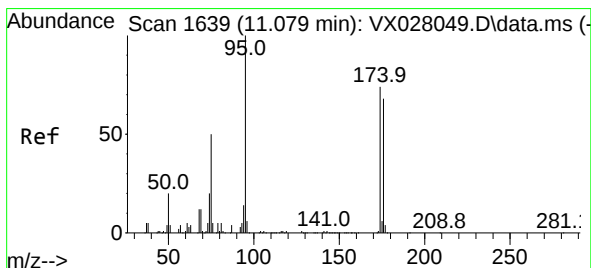
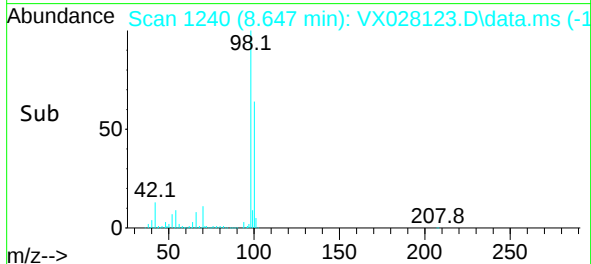
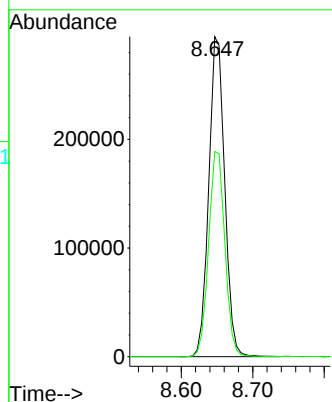
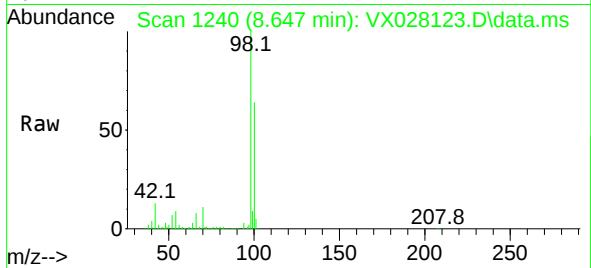




#50
Toluene-d8
Concen: 49.597 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

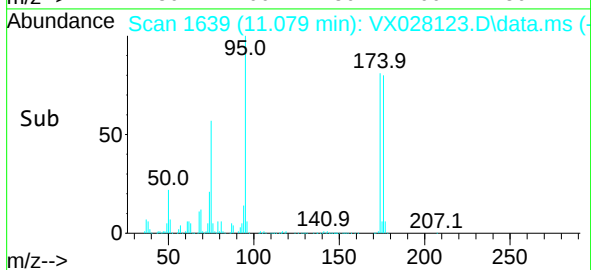
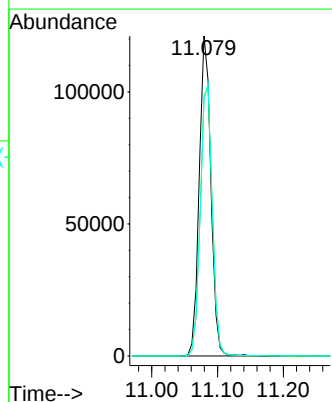
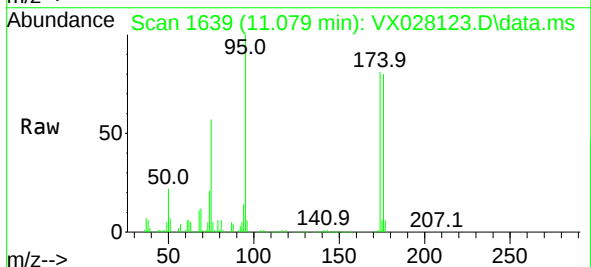
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

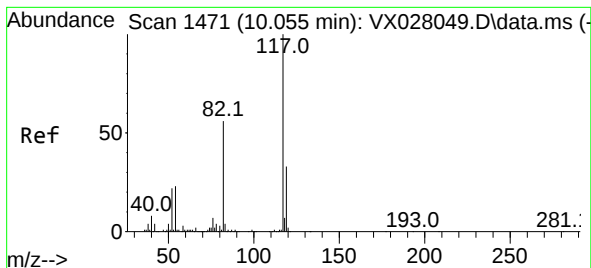
Tgt Ion: 98 Resp: 455511
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

Tgt Ion: 95 Resp: 149008
Ion Ratio Lower Upper
95 100
174 87.9 0.0 163.0
176 87.3 0.0 155.0

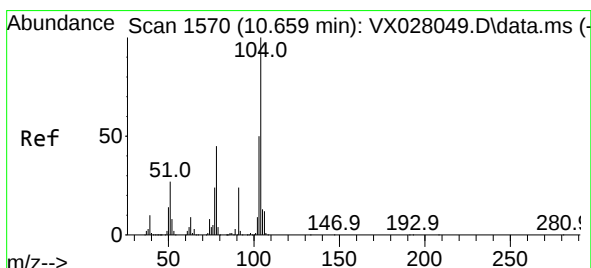
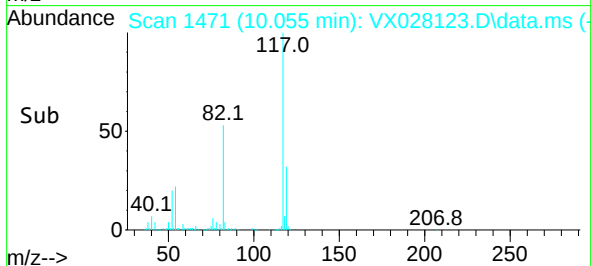
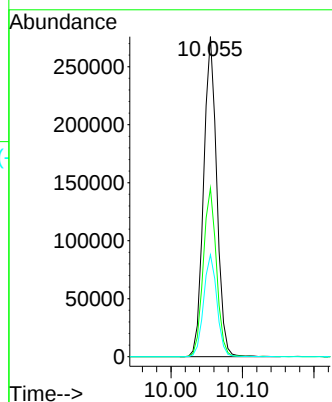
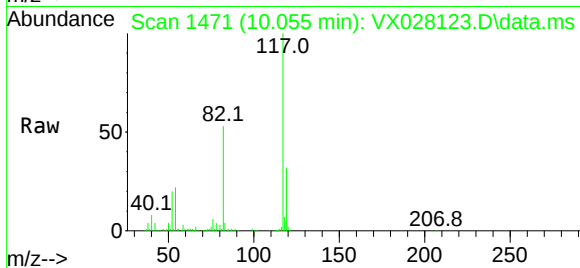




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

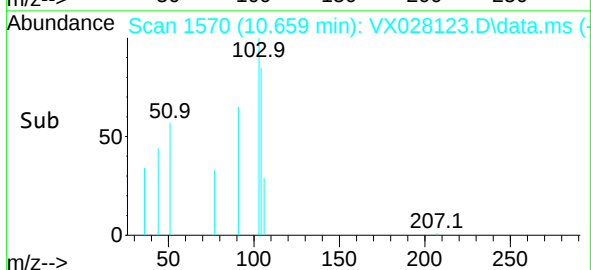
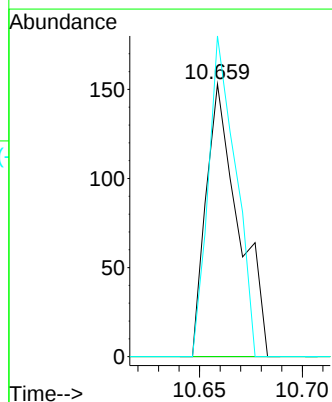
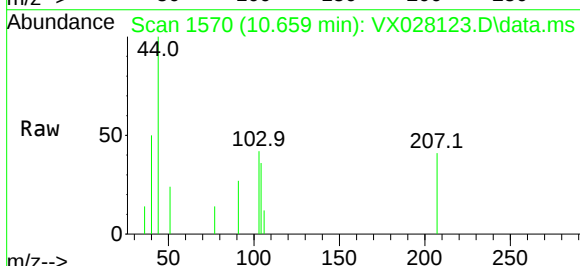
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

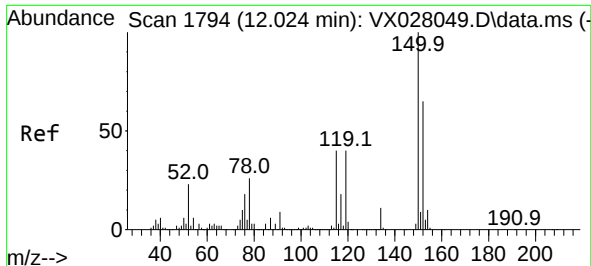
Tgt Ion:117 Resp: 352544
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 31.9 24.8 37.2



#70
Styrene
Concen: 4.718 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

Tgt Ion:104 Resp: 168
Ion Ratio Lower Upper
104 100
78 0.0 38.6 57.8#
103 99.4 43.8 65.8#

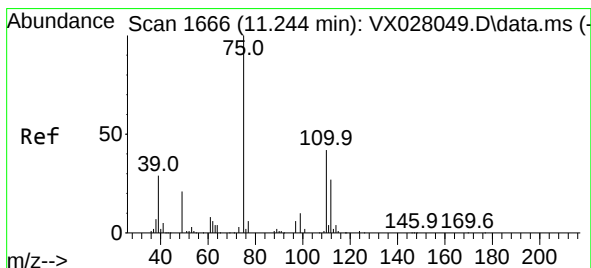
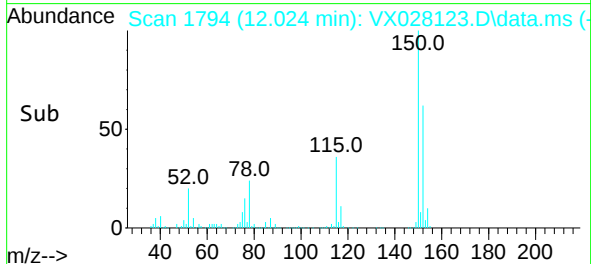
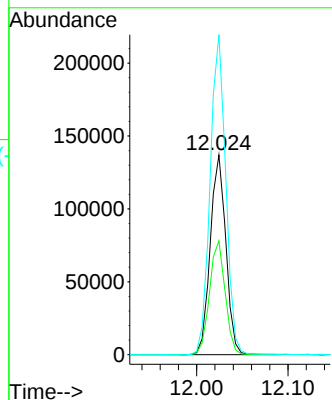
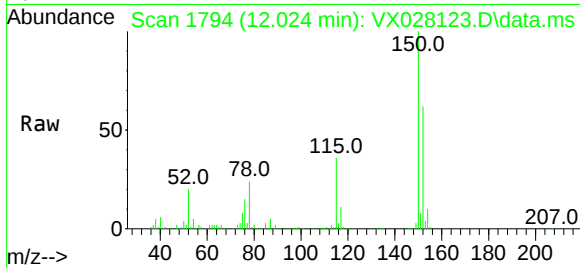




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028123.D
 Acq: 15 Apr 2022 11:02

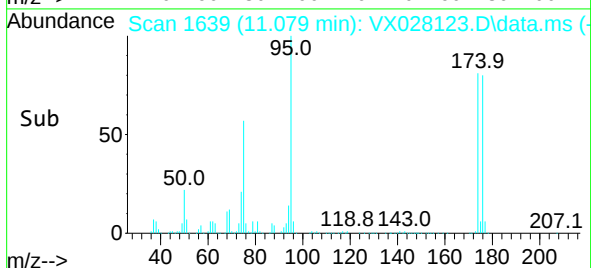
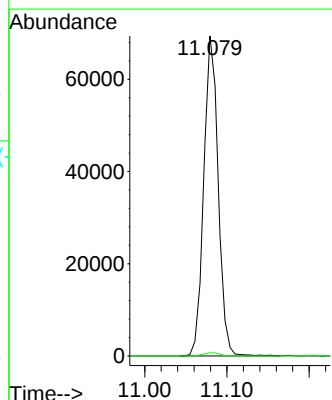
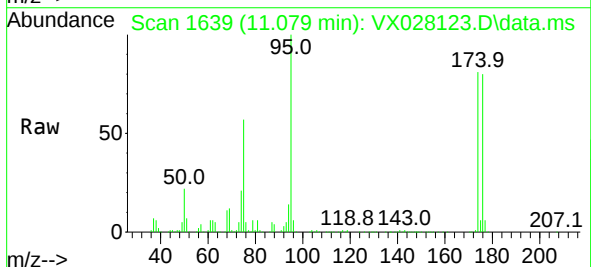
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBL01

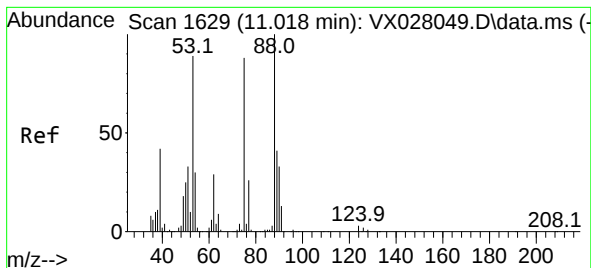
Tgt Ion:152 Resp: 162205
 Ion Ratio Lower Upper
 152 100
 115 57.1 37.5 112.7
 150 160.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.387 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028123.D
 Acq: 15 Apr 2022 11:02

Tgt Ion: 75 Resp: 84453
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

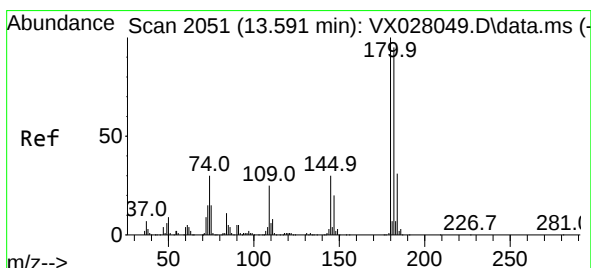
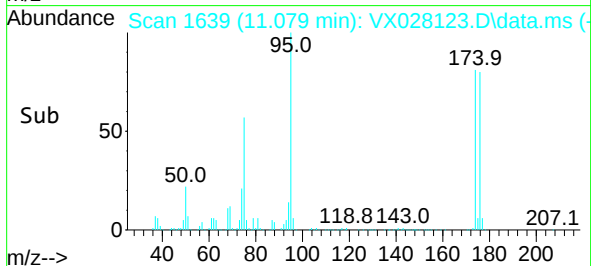
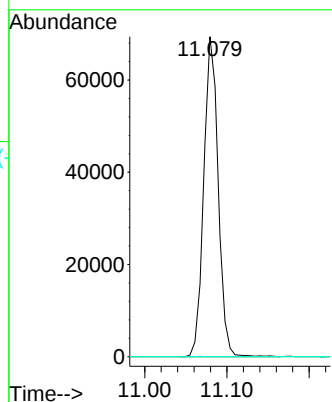
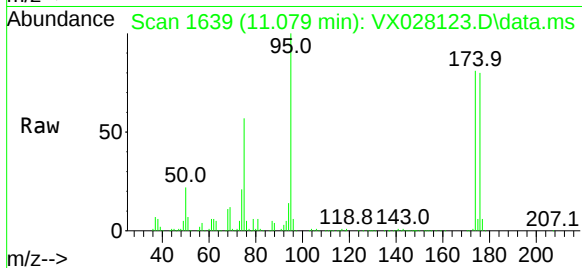




#81
trans-1,4-Dichloro-2-butene
Concen: 65.870 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

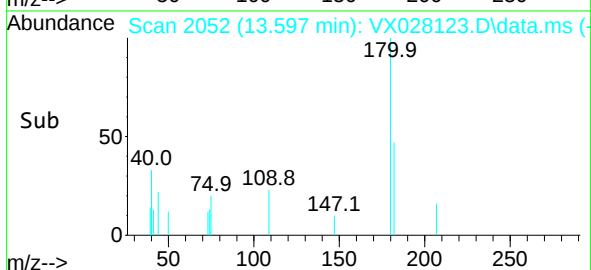
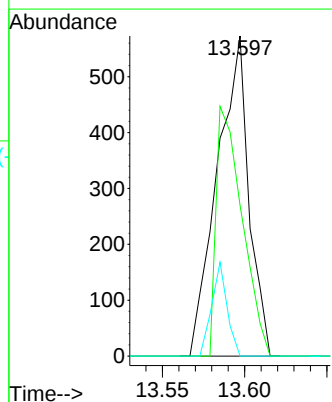
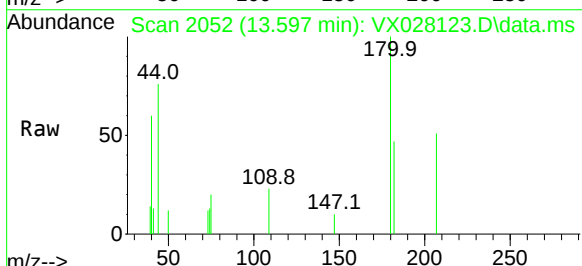
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

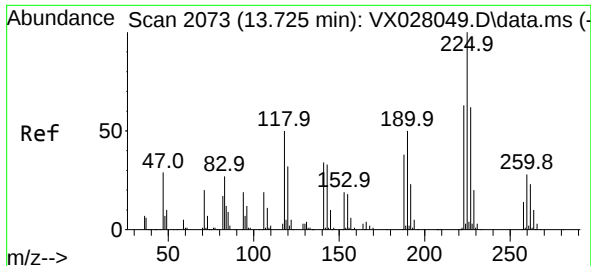
Tgt Ion: 75 Resp: 84453
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.250 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

Tgt Ion:180 Resp: 765
Ion Ratio Lower Upper
180 100
182 63.9 47.7 143.1
145 14.1 15.2 45.5#

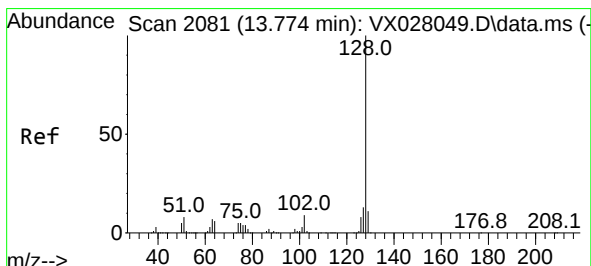
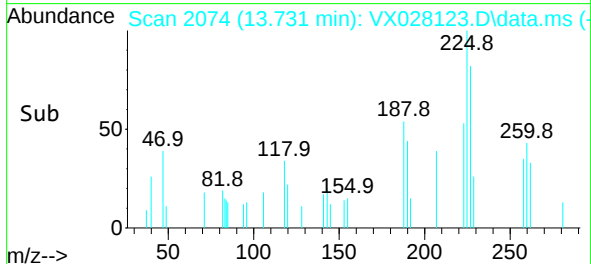
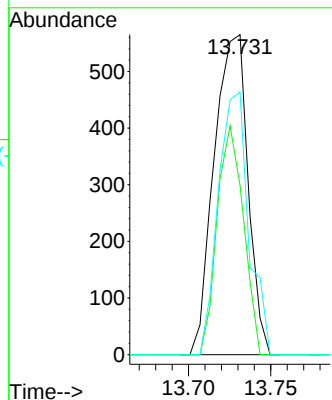
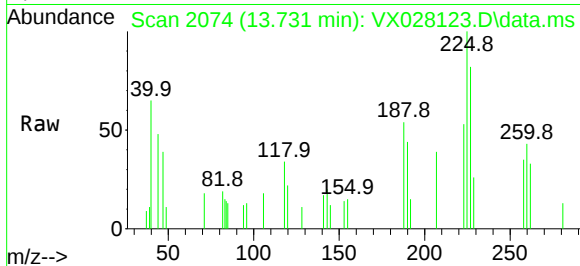




#94
Hexachlorobutadiene
Concen: 0.653 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

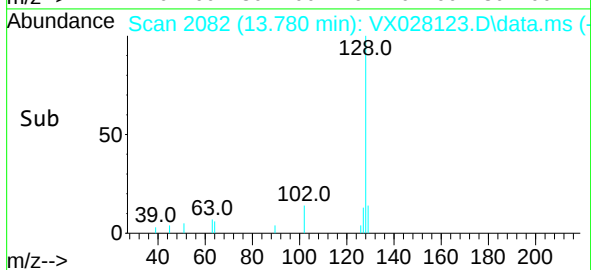
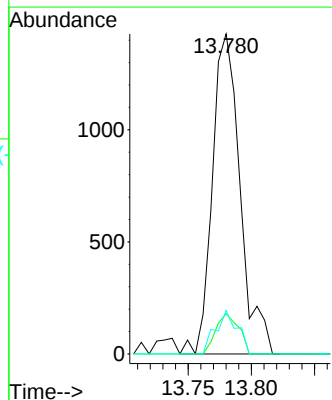
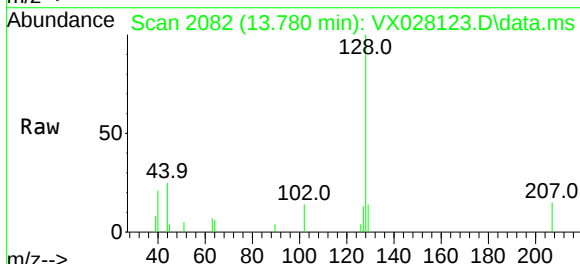
Instrument :
MSVOA_X
ClientSampleId :
VX0415MBL01

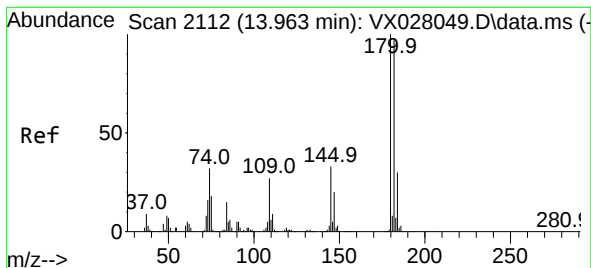
Tgt Ion:225 Resp: 807
Ion Ratio Lower Upper
225 100
223 55.6 34.2 102.5
227 74.0 33.9 101.7



#95
Naphthalene
Concen: 0.203 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028123.D
Acq: 15 Apr 2022 11:02

Tgt Ion:128 Resp: 2172
Ion Ratio Lower Upper
128 100
127 10.4 10.2 15.4
129 10.7 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.226 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028123.D

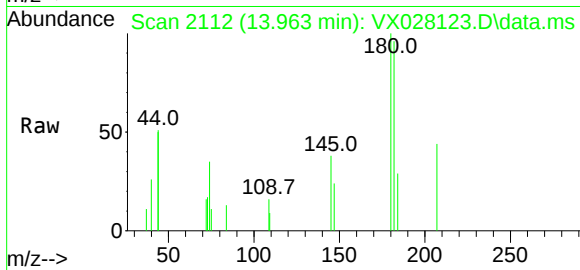
Acq: 15 Apr 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0415MBL01



Tgt Ion:180 Resp: 686

Ion Ratio Lower Upper

180 100

182 100.9 50.0 149.8

145 30.0 16.2 48.5

