

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028127.D
 Acq On : 15 Apr 2022 12:53
 Operator : JC/MD
 Sample : N2432-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB220414

Quant Time: Apr 16 02:24:08 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)

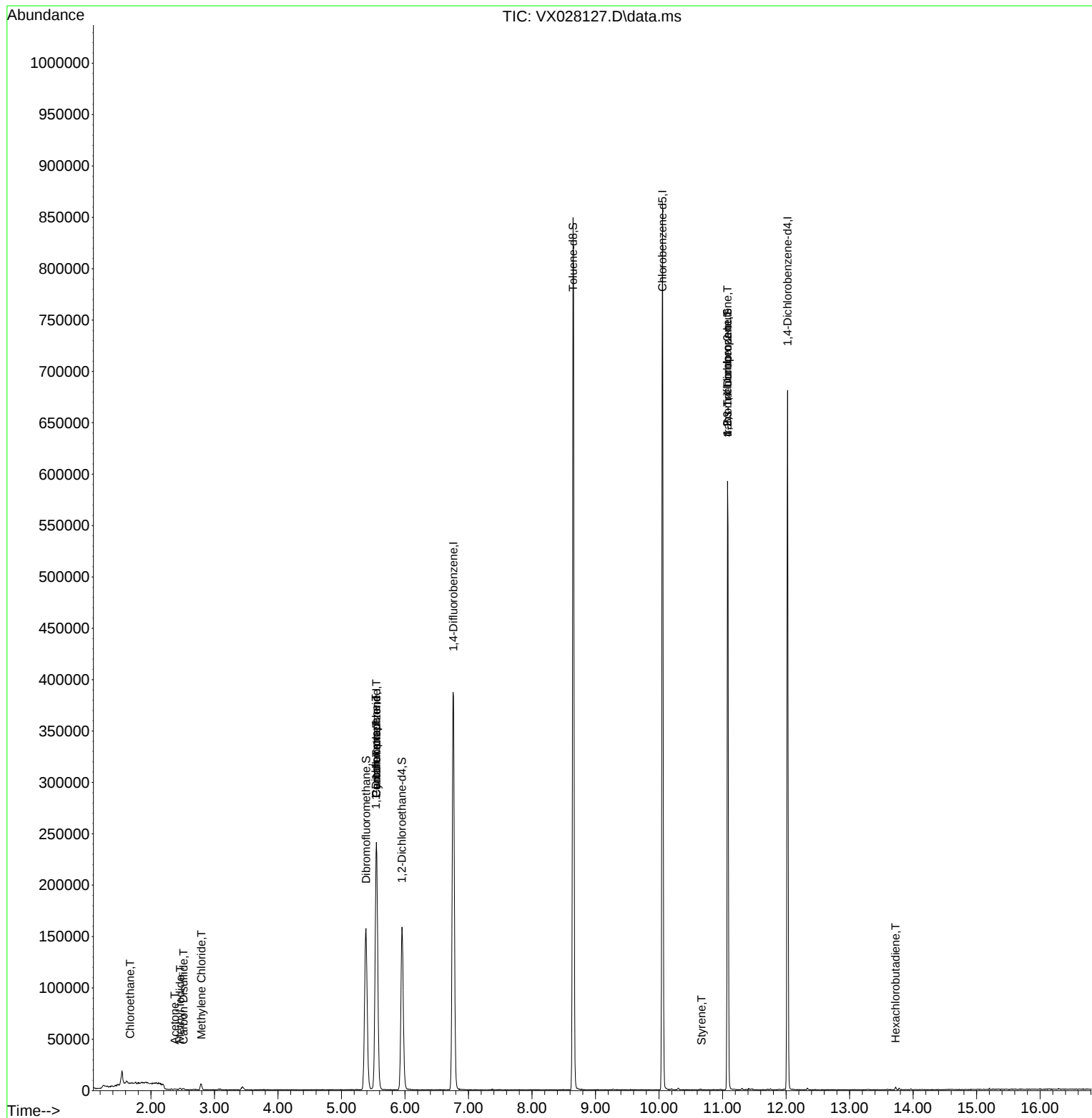
Internal Standards						
1) Pentafluorobenzene	5.550	168	234802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	403561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144536	45.373	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.740%		
35) Dibromofluoromethane	5.385	113	130794	49.460	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.920%		
50) Toluene-d8	8.647	98	493563	50.044	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.080%		
62) 4-Bromofluorobenzene	11.079	95	138268	37.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	75.100%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1140	Below Cal		95
6) Chloroethane	1.672	64	846	2.924 ug/l #		43
10) Methyl Iodide	2.459	142	1253	0.455 ug/l		93
13) Acrolein	2.233	56	77	Below Cal #		1
16) Acetone	2.373	43	783	0.590 ug/l #		81
17) Carbon Disulfide	2.514	76	1400	0.230 ug/l #		75
20) Methylene Chloride	2.794	84	2729	1.032 ug/l #		88
31) Cyclohexane	5.550	56	5762	1.315 ug/l #		44
36) 1,1-Dichloropropene	5.544	75	18527	4.591 ug/l #		45
38) Carbon Tetrachloride	5.550	117	23632	5.485 ug/l #		15
70) Styrene	10.671	104	219	4.722 ug/l #		83
76) 1,2,3-Trichloropropane	11.079	75	77676	26.525 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	77676	74.708 ug/l #		15
94) Hexachlorobutadiene	13.725	225	475	0.474 ug/l		81

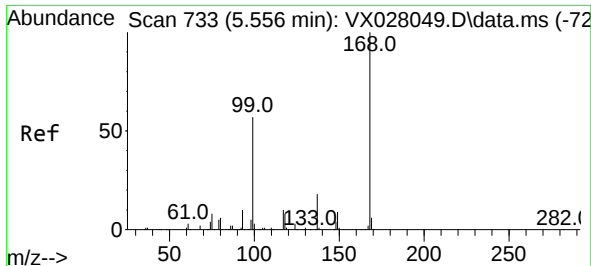
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

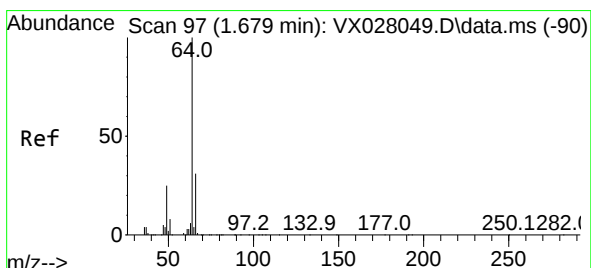
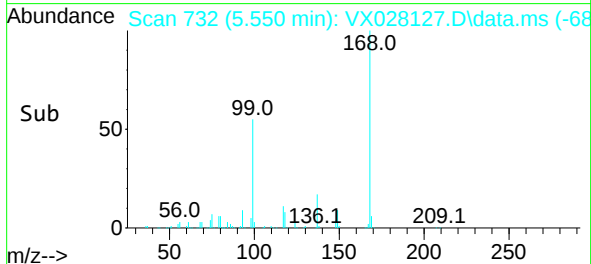
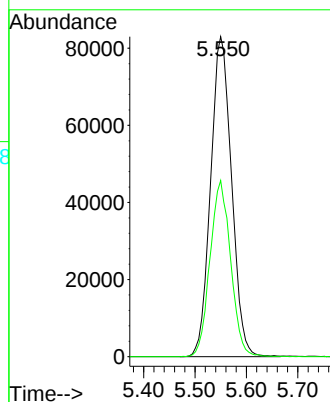
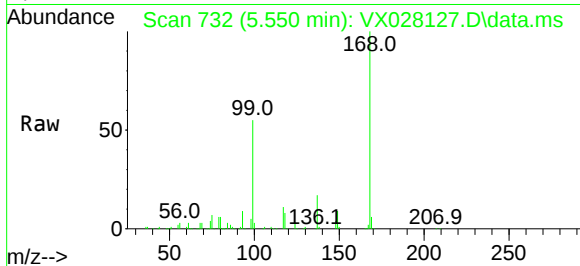
Instrument :

MSVOA_X

ClientSampleId :

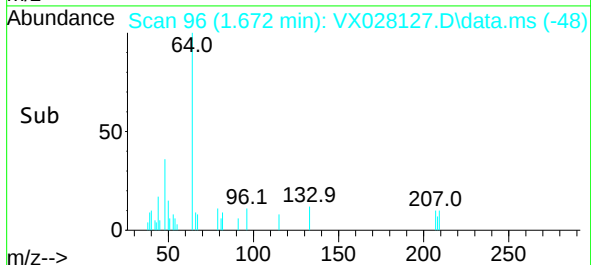
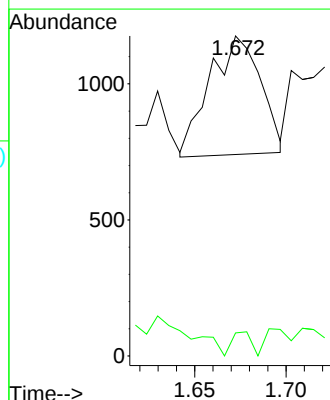
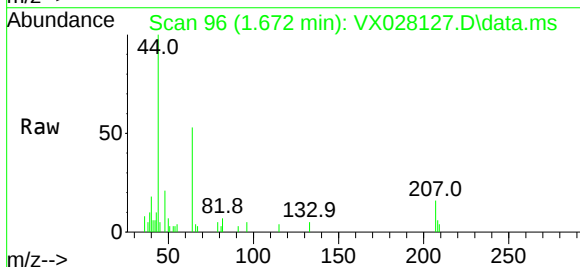
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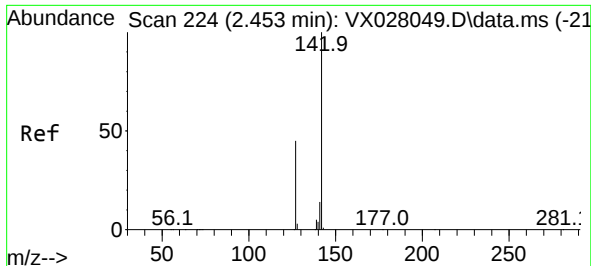
Tgt Ion:168 Resp: 234802
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#6
Chloroethane
Concen: 2.924 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

Tgt Ion: 64 Resp: 846
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

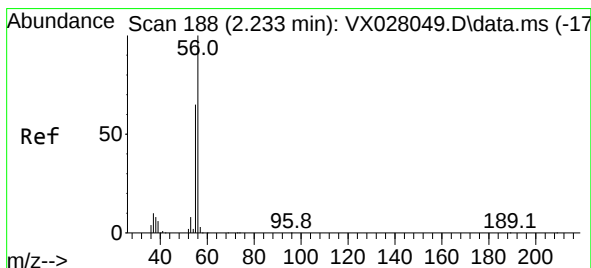
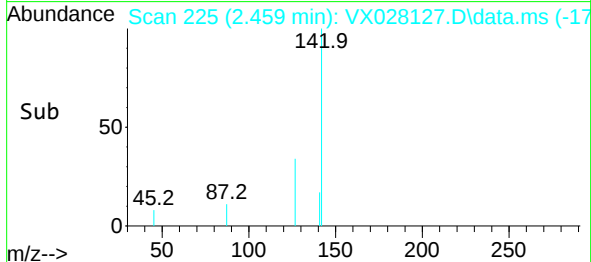
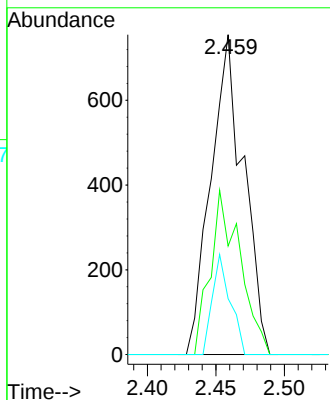
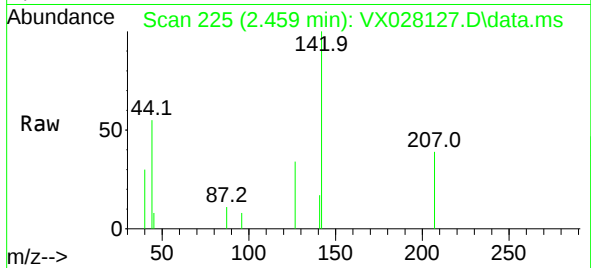




#10
Methyl Iodide
Concen: 0.455 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

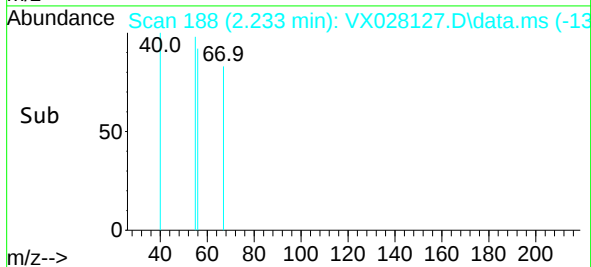
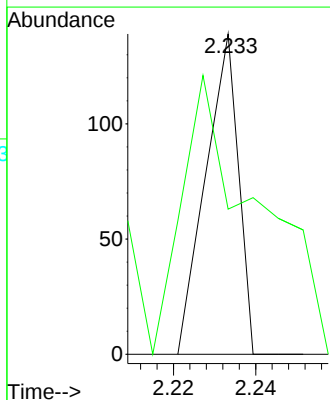
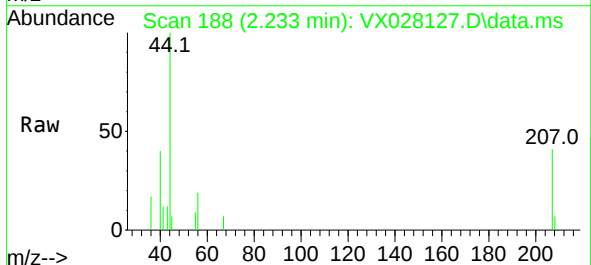
Instrument :
MSVOA_X
ClientSampleId :
FB220414

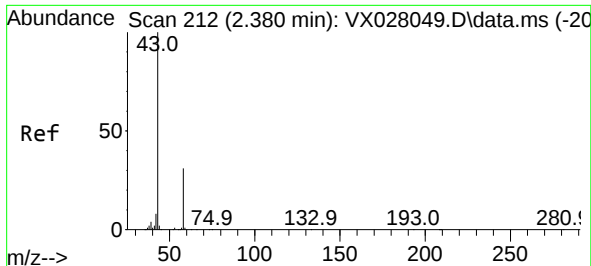
Tgt Ion:142 Resp: 1253
Ion Ratio Lower Upper
142 100
127 46.7 33.9 50.9
141 17.1 11.4 17.2



#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 201.3 55.0 82.6#

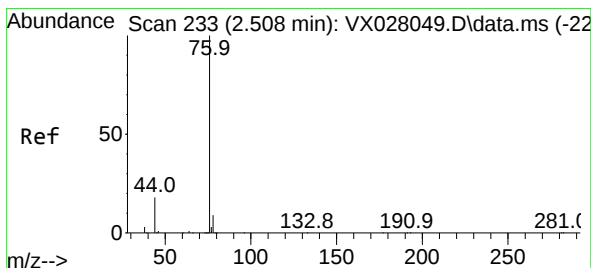
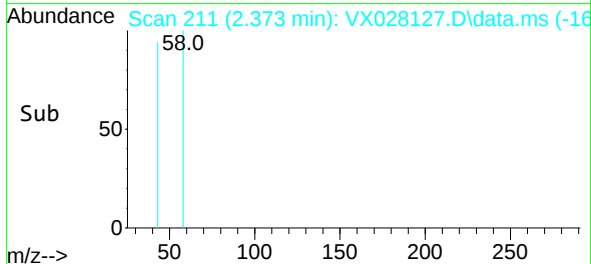
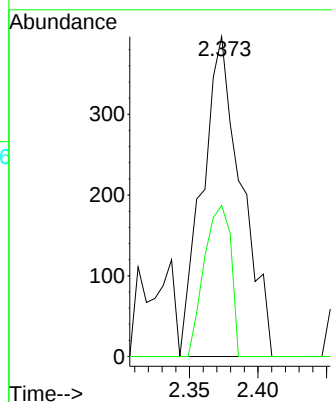
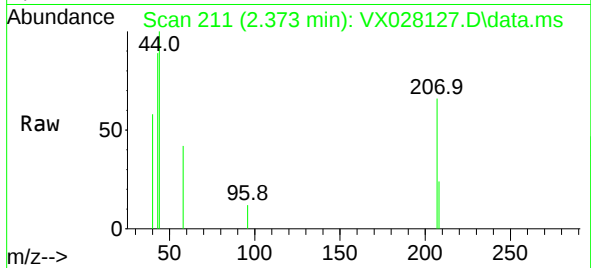




#16
Acetone
Concen: 0.590 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

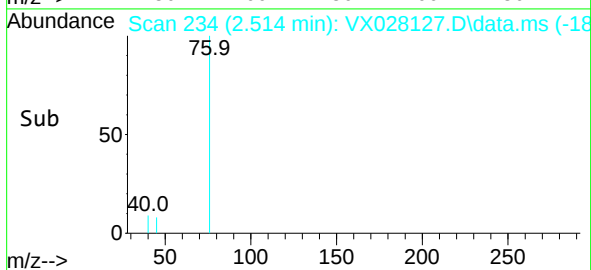
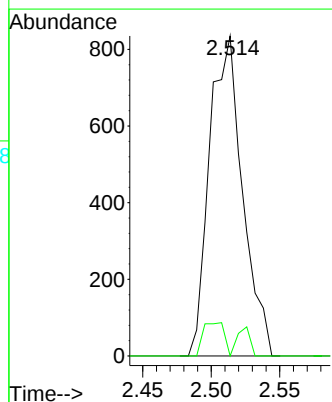
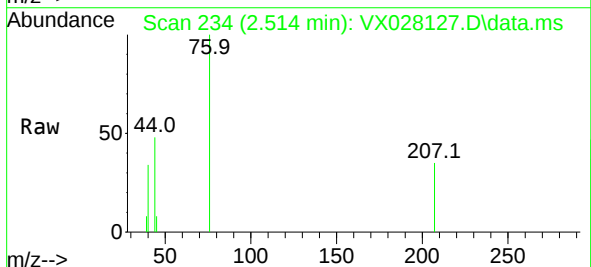
Instrument :
MSVOA_X
ClientSampleId :
FB220414

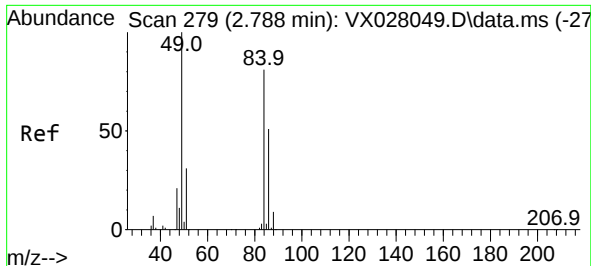
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 47.2 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

Tgt Ion: 76 Resp: 1400
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



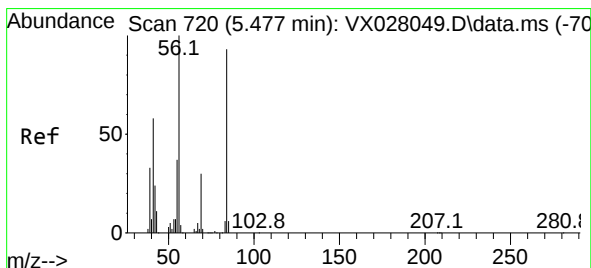
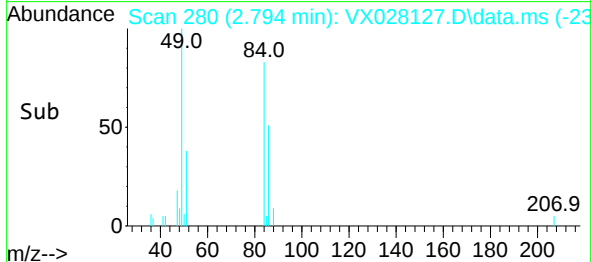
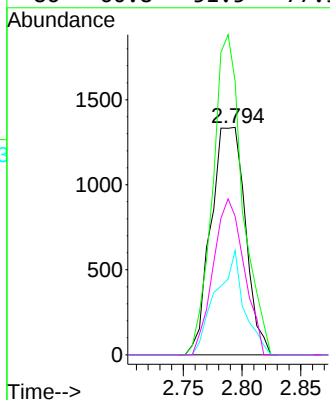
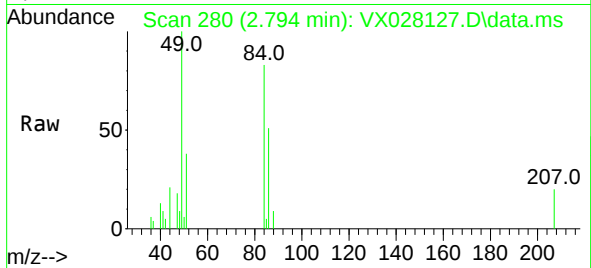


#20
Methylene Chloride
Concen: 1.032 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

Instrument :
MSVOA_X
ClientSampleId :
FB220414

Tgt Ion: 84 Resp: 2729

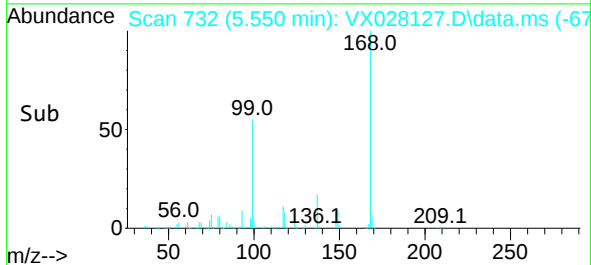
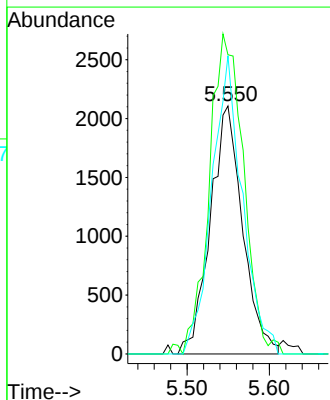
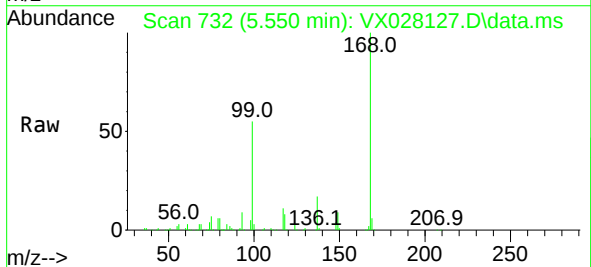
Ion	Ratio	Lower	Upper
84	100		
49	120.0	85.5	128.3
51	45.8	26.6	39.8#
86	60.8	51.5	77.3

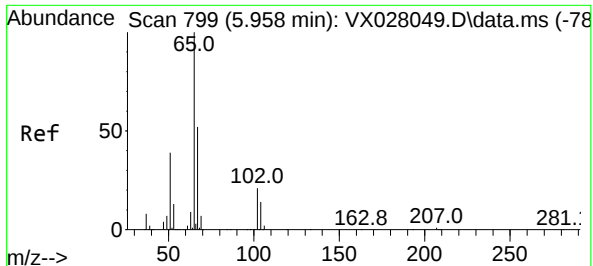


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

Tgt Ion: 56 Resp: 5762

Ion	Ratio	Lower	Upper
56	100		
69	117.2	26.7	40.1#
84	120.3	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 45.373 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX028127.D

Acq: 15 Apr 2022 12:53

Instrument :

MSVOA_X

ClientSampleId :

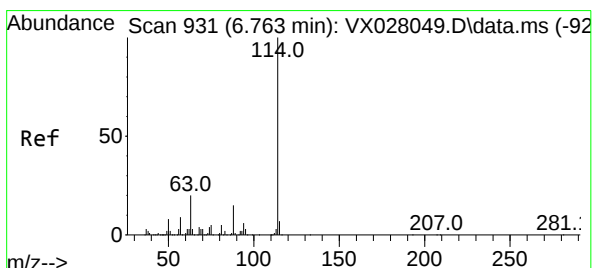
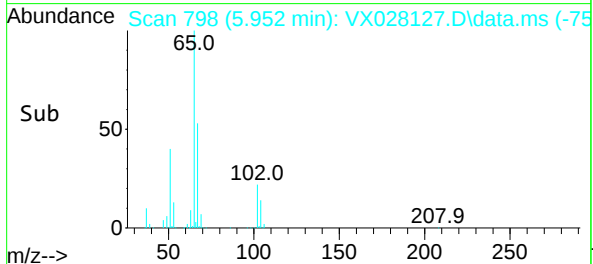
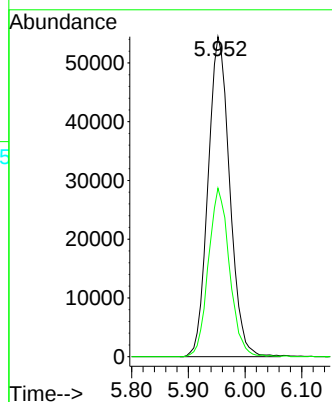
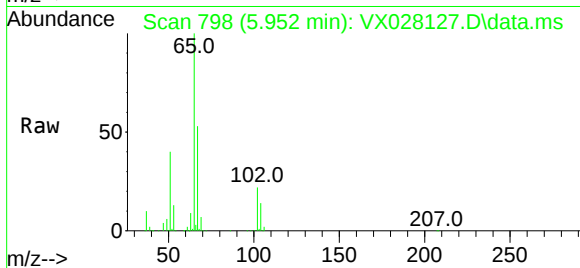
FB220414

Tgt Ion: 65 Resp: 144536

Ion Ratio Lower Upper

65 100

67 51.3 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: VX028127.D

Acq: 15 Apr 2022 12:53

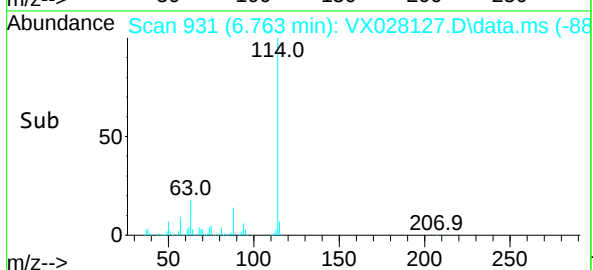
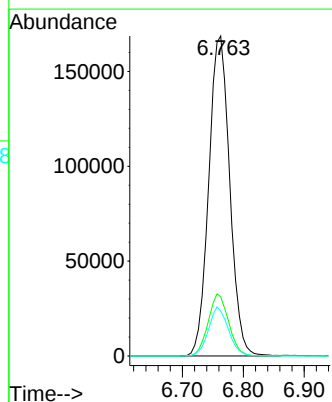
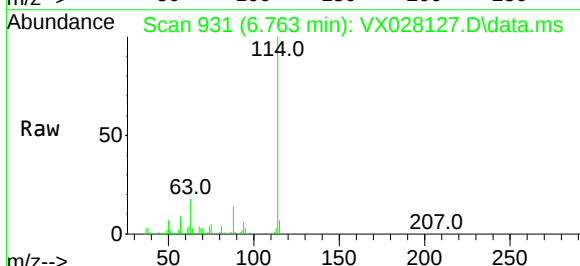
Tgt Ion: 114 Resp: 403561

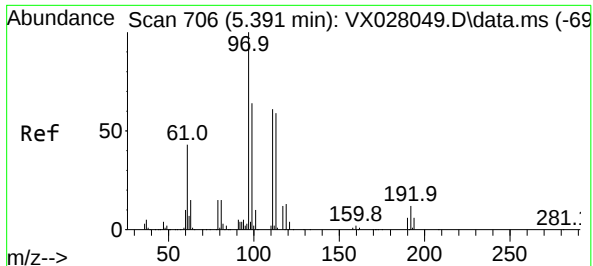
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 14.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.460 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX028127.D

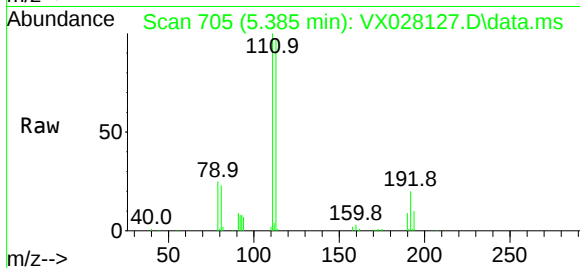
Acq: 15 Apr 2022 12:53

Instrument :

MSVOA_X

ClientSampleId :

FB220414



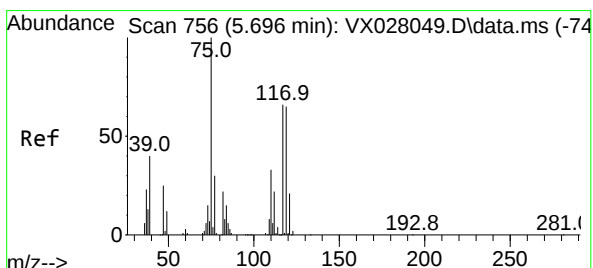
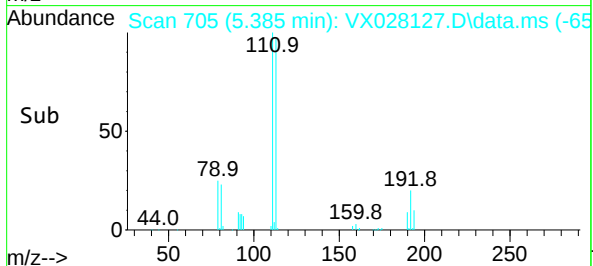
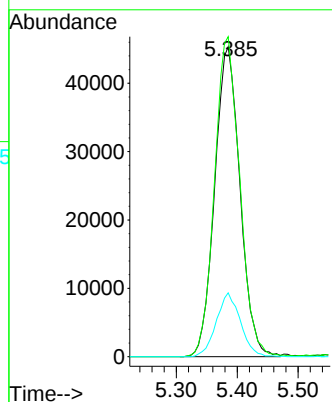
Tgt Ion:113 Resp: 130794

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 19.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.591 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX028127.D

Acq: 15 Apr 2022 12:53

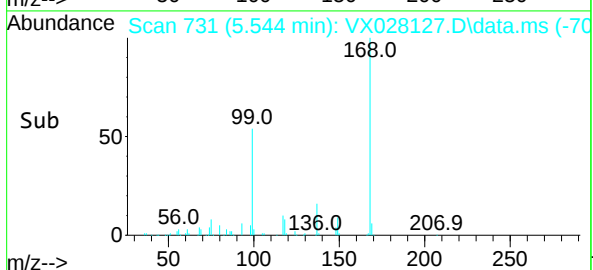
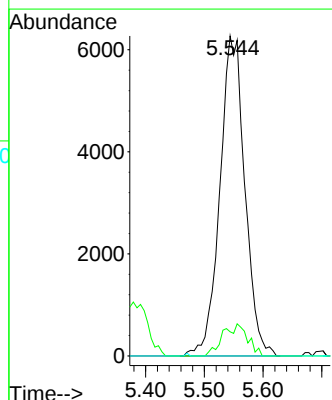
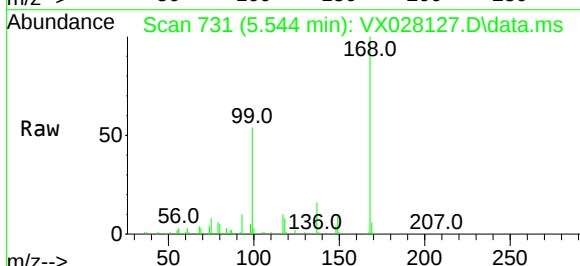
Tgt Ion: 75 Resp: 18527

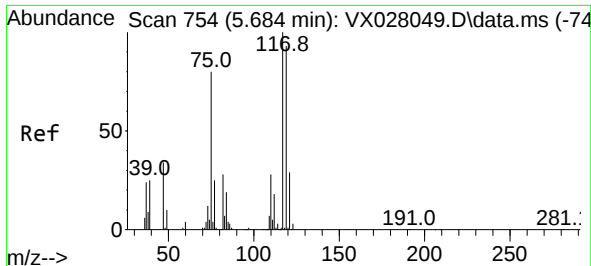
Ion Ratio Lower Upper

75 100

110 5.0 18.3 54.8#

77 0.0 24.8 37.2#

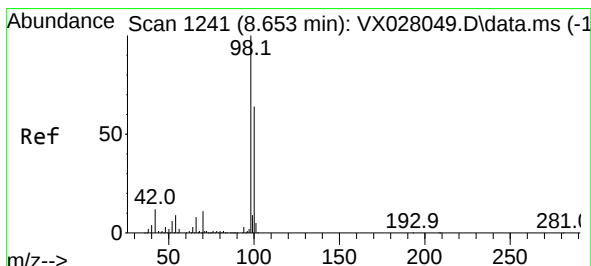
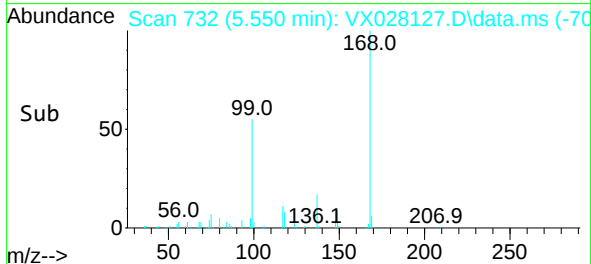
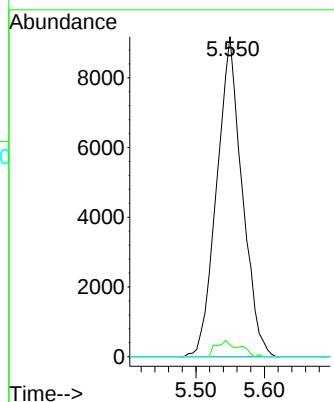
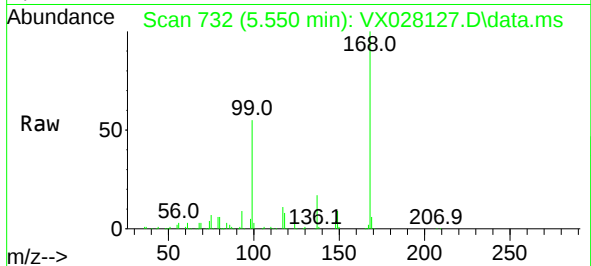




#38
Carbon Tetrachloride
Concen: 5.485 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

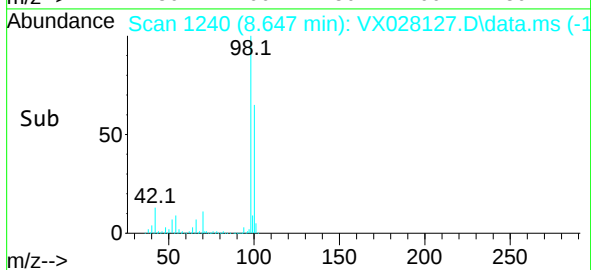
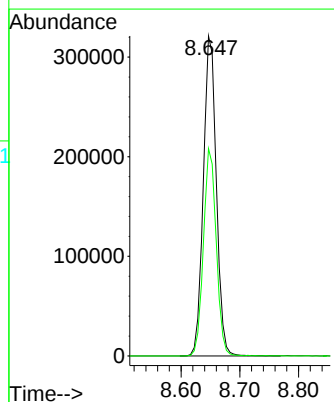
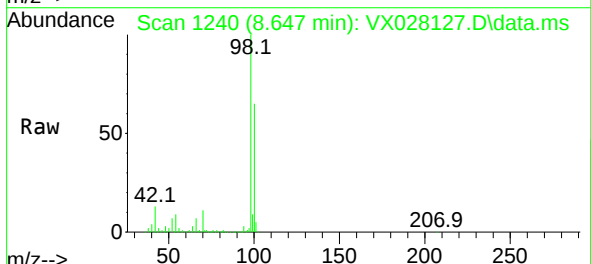
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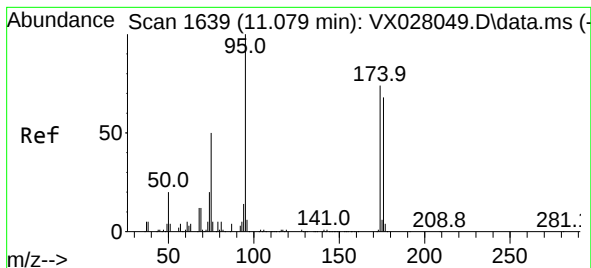
Tgt Ion:117 Resp: 23632
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.044 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

Tgt Ion: 98 Resp: 493563
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

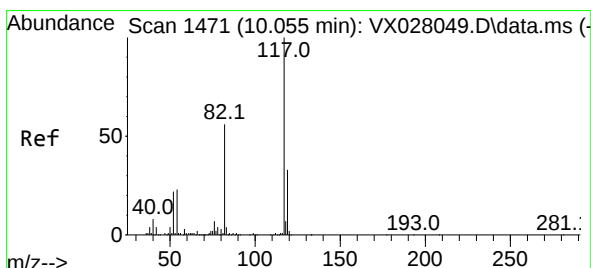
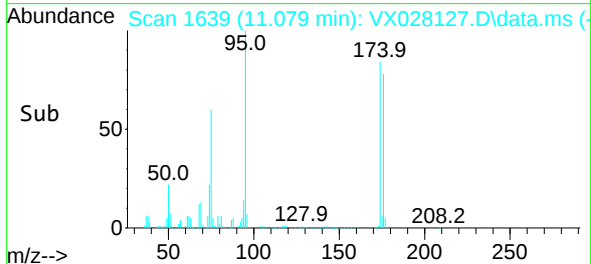
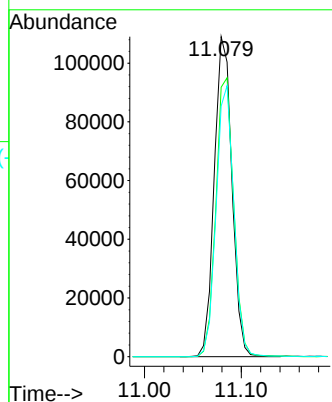
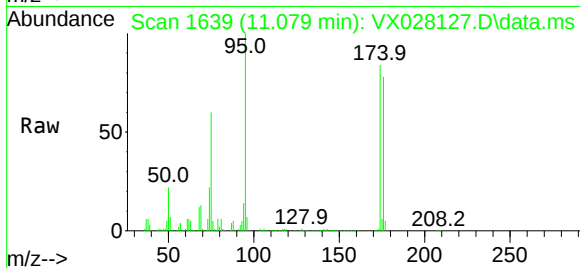




#62
4-Bromofluorobenzene
Concen: 37.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

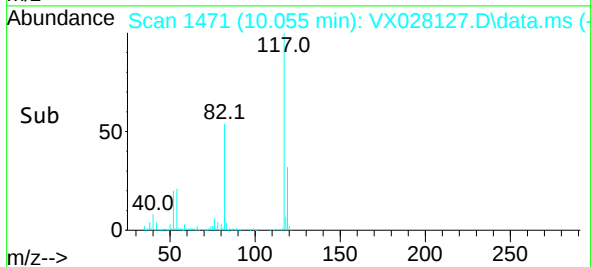
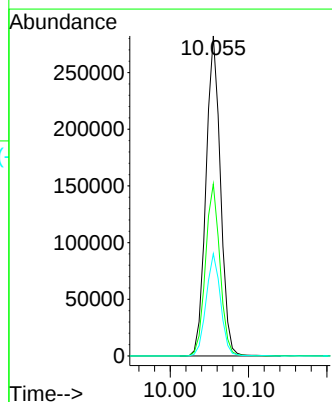
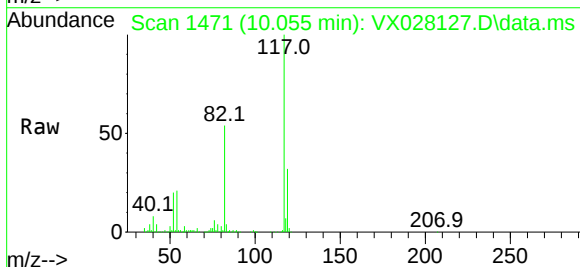
Instrument :
MSVOA_X
ClientSampleId :
FB220414

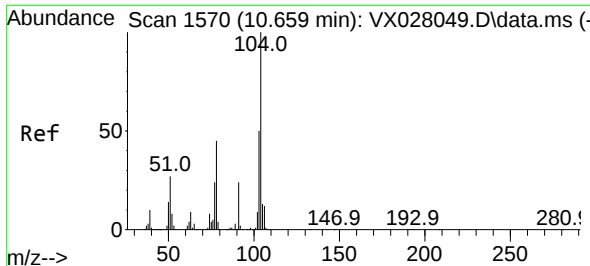
Tgt Ion: 95 Resp: 138268
Ion Ratio Lower Upper
95 100
174 88.1 0.0 163.0
176 84.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

Tgt Ion: 117 Resp: 361502
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.8
119 31.9 24.8 37.2

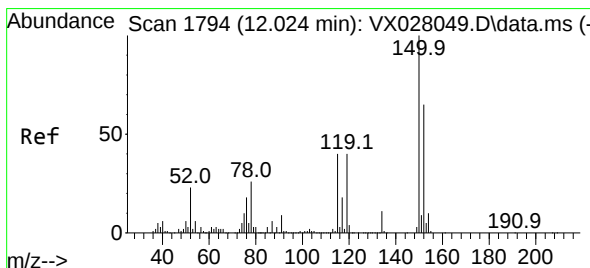
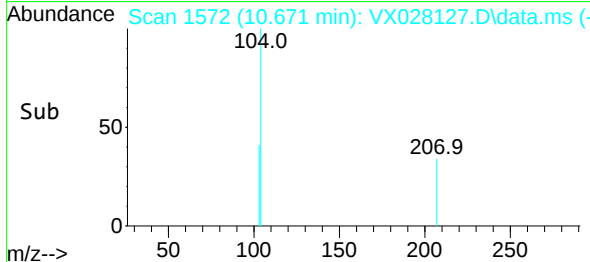
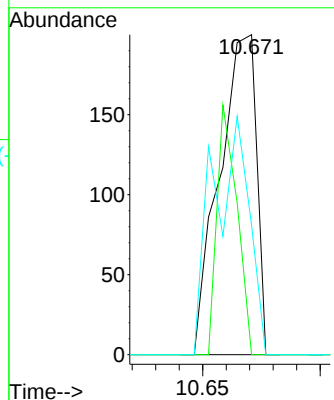
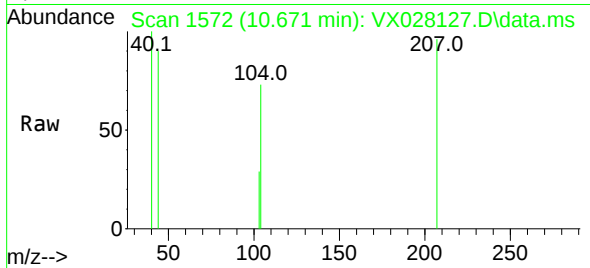




#70
Styrene
Concen: 4.722 ug/l
RT: 10.671 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

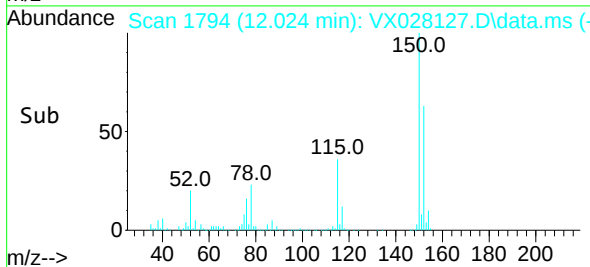
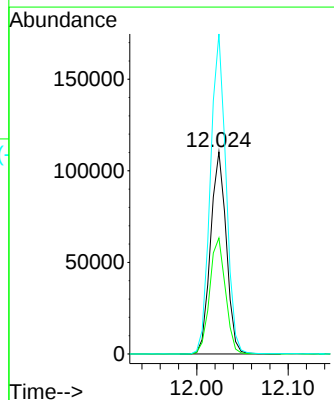
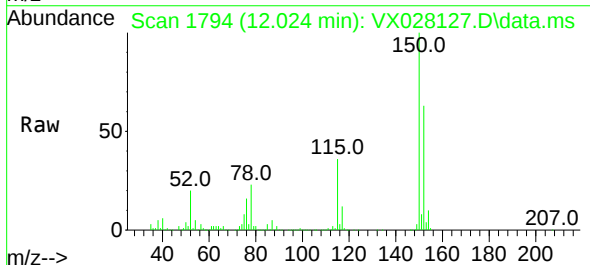
Instrument :
MSVOA_X
ClientSampleId :
FB220414

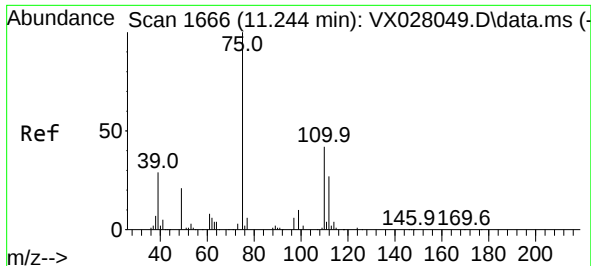
Tgt Ion:104 Resp: 219
Ion Ratio Lower Upper
104 100
78 42.0 38.6 57.8
103 72.6 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

Tgt Ion:152 Resp: 131539
Ion Ratio Lower Upper
152 100
115 57.5 37.5 112.7
150 157.0 0.0 338.2

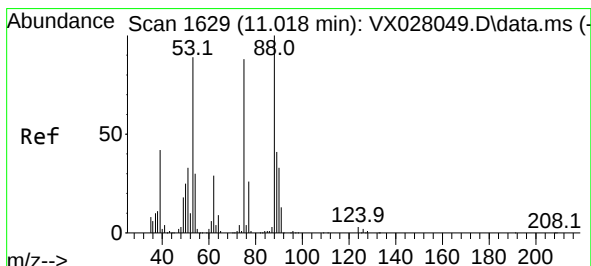
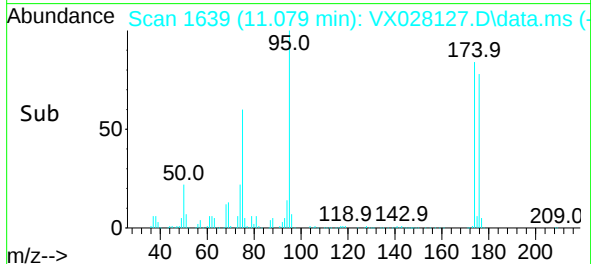
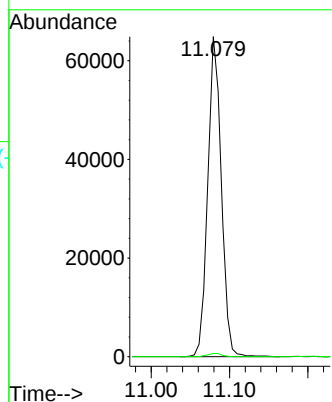
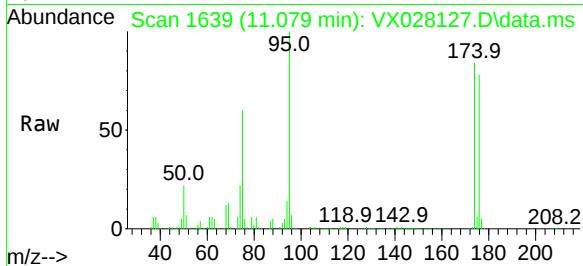




#76
1,2,3-Trichloropropane
Concen: 26.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

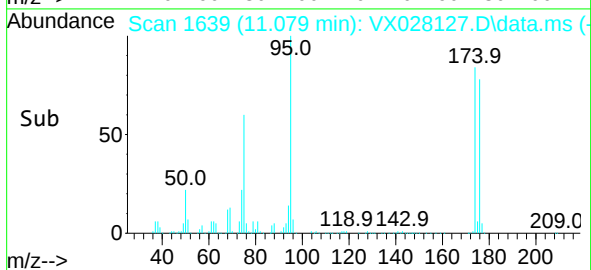
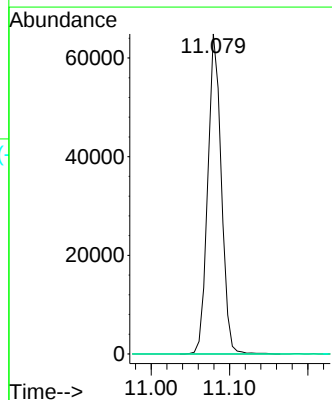
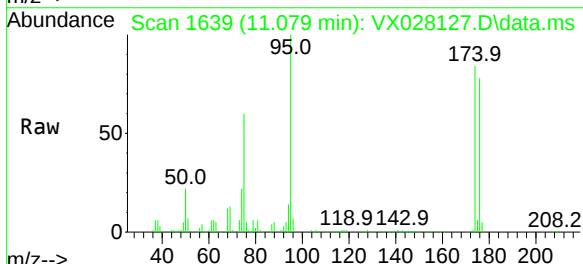
Instrument :
MSVOA_X
ClientSampleId :
FB220414

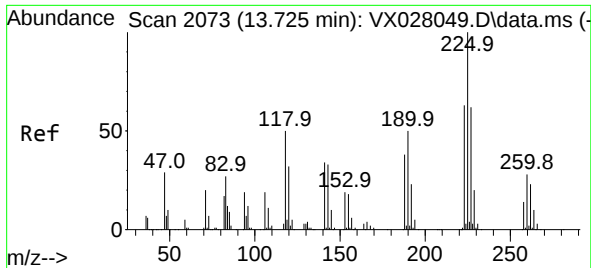
Tgt Ion: 75 Resp: 77676
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028127.D
Acq: 15 Apr 2022 12:53

Tgt Ion: 75 Resp: 77676
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94

Hexachlorobutadiene

Concen: 0.474 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX028127.D

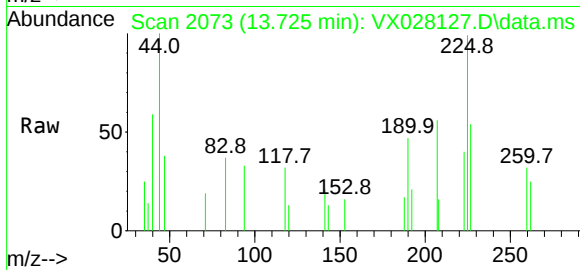
Acq: 15 Apr 2022 12:53

Instrument :

MSVOA_X

ClientSampleId :

FB220414



Tgt Ion:225 Resp: 475

Ion Ratio Lower Upper

225 100

223 40.8 34.2 102.5

227 65.1 33.9 101.7

