

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028158.D
 Acq On : 19 Apr 2022 14:28
 Operator : JC/MD
 Sample : VX0419MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419MBL01

Quant Time: Apr 19 16:35:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

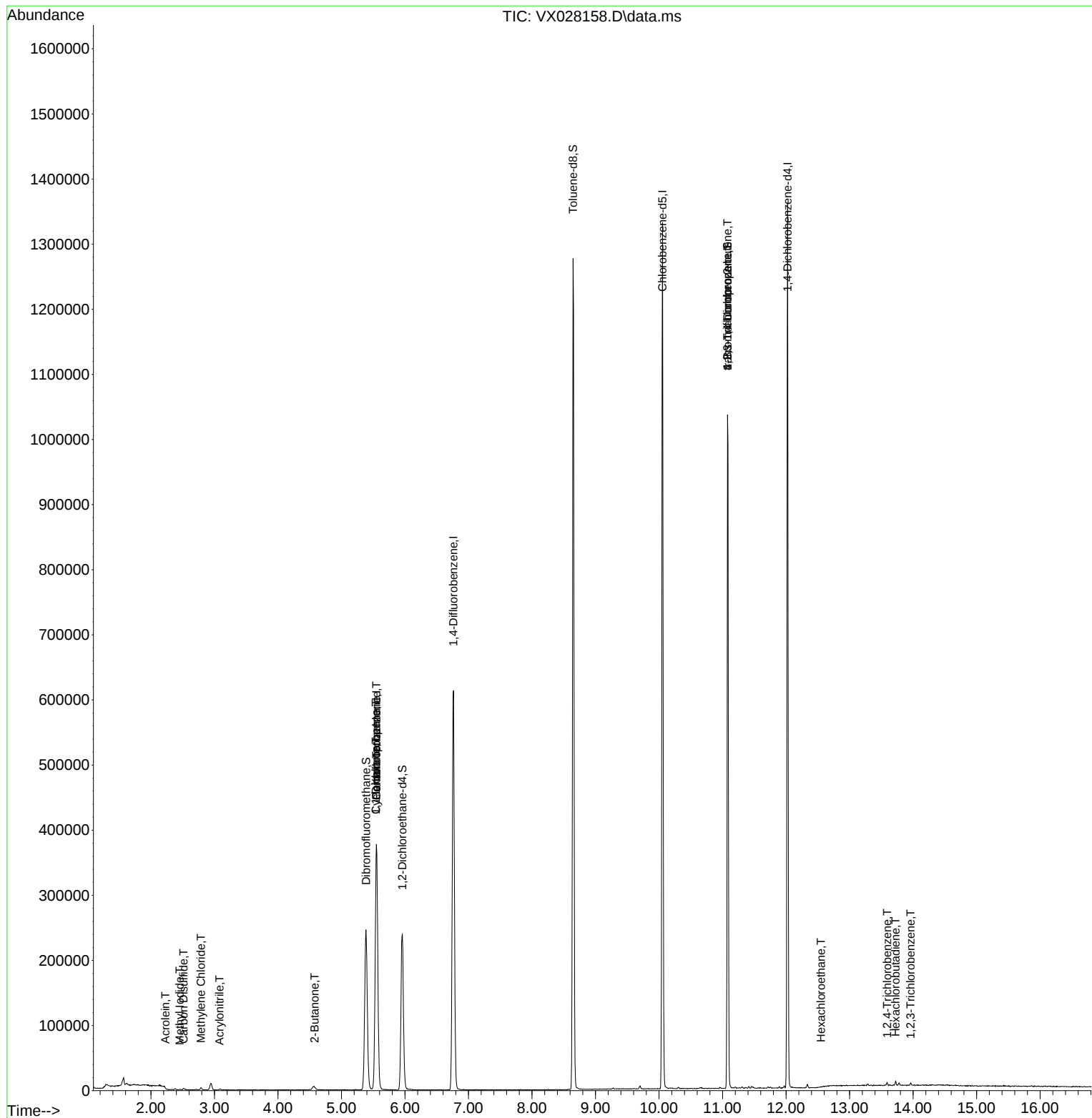
Internal Standards						
1) Pentafluorobenzene	5.550	168	362518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	640478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	593970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233130	49.321	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.640%		
35) Dibromofluoromethane	5.385	113	209157	46.566	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.140%		
50) Toluene-d8	8.647	98	773900	44.860	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.720%		
62) 4-Bromofluorobenzene	11.079	95	269559	40.866	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	81.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	763	Below Cal		90
5) Bromomethane	1.618	94	1895	Below Cal		91
6) Chloroethane	1.697	64	738	Below Cal	#	43
8) Diethyl Ether	2.136	74	50	Below Cal	#	7
10) Methyl Iodide	2.453	142	873	5.429 ug/l	#	93
11) Tert butyl alcohol	2.940	59	5592	Below Cal	#	72
13) Acrolein	2.227	56	262	0.452 ug/l	#	16
15) Acrylonitrile	3.081	53	552	0.287 ug/l	#	84
16) Acetone	2.380	43	1573	Below Cal	#	87
17) Carbon Disulfide	2.514	76	2289	0.305 ug/l		96
20) Methylene Chloride	2.788	84	1448	0.413 ug/l	#	83
25) 2-Butanone	4.574	43	677	0.242 ug/l	#	44
31) Cyclohexane	5.544	56	7863	1.365 ug/l	#	19
36) 1,1-Dichloropropene	5.544	75	28012	4.781 ug/l	#	49
38) Carbon Tetrachloride	5.550	117	36875	5.575 ug/l	#	17
76) 1,2,3-Trichloropropane	11.079	75	141452	26.908 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	141452	79.964 ug/l	#	15
90) Hexachloroethane	12.549	117	35	1.825 ug/l	#	10
93) 1,2,4-Trichlorobenzene	13.591	180	1217	0.229 ug/l		91
94) Hexachlorobutadiene	13.725	225	907	0.383 ug/l		86
96) 1,2,3-Trichlorobenzene	13.963	180	1113	0.214 ug/l		95

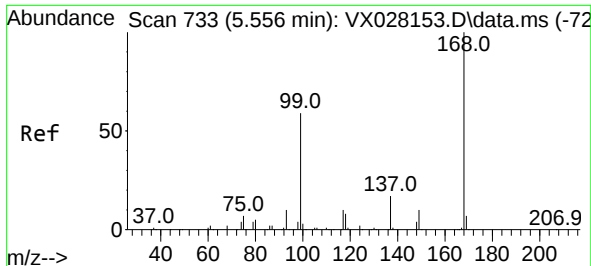
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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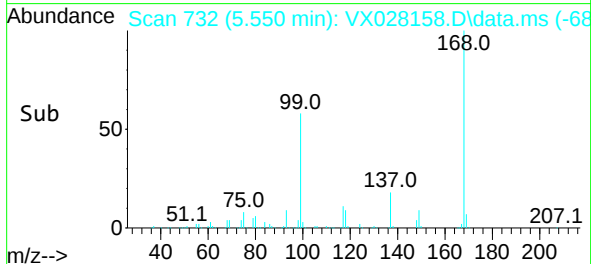
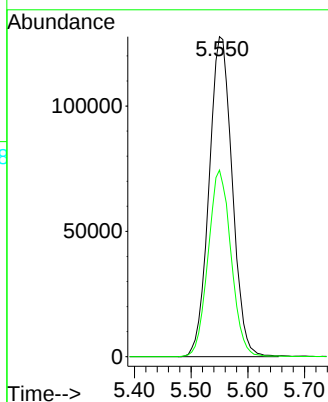
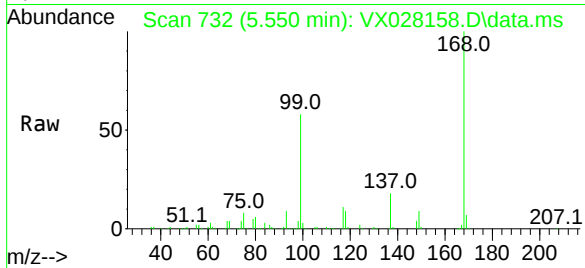




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

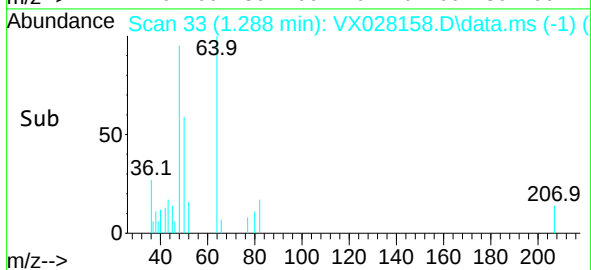
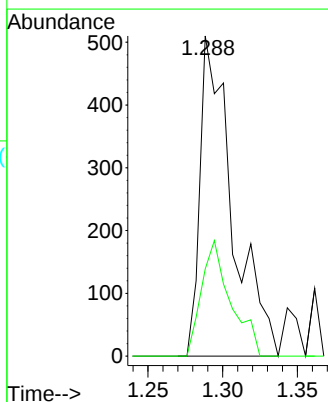
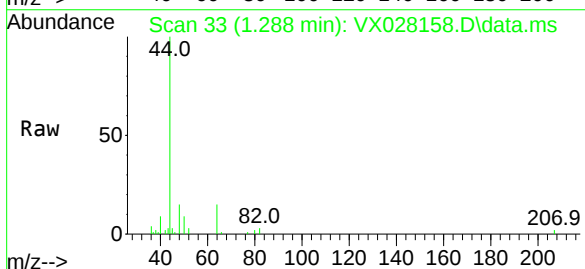
Instrument :
MSVOA_X
ClientSampleId :
VX0419MBL01

Tgt Ion:168 Resp: 362518
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 50 Resp: 763
Ion Ratio Lower Upper
50 100
52 27.3 26.4 39.6

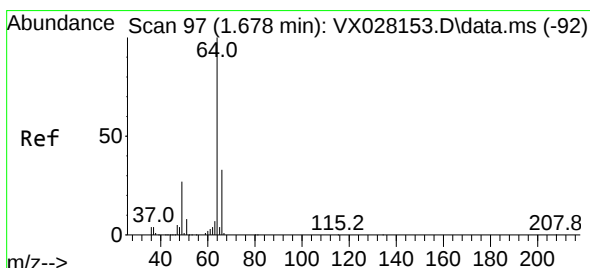
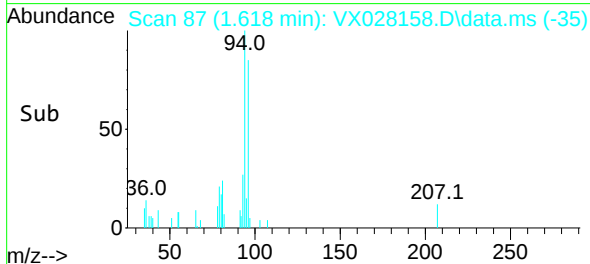
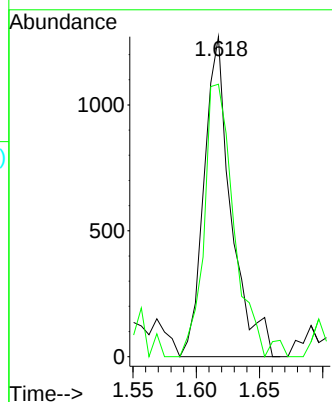
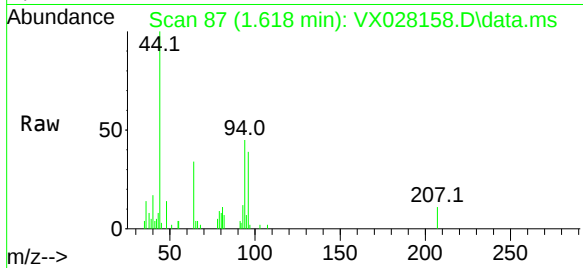




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

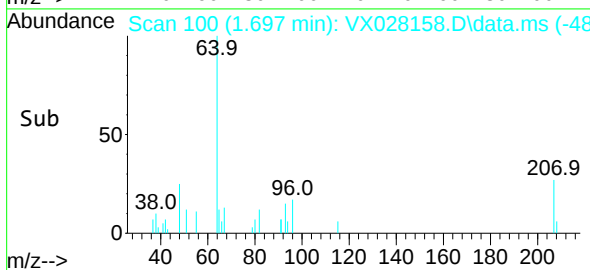
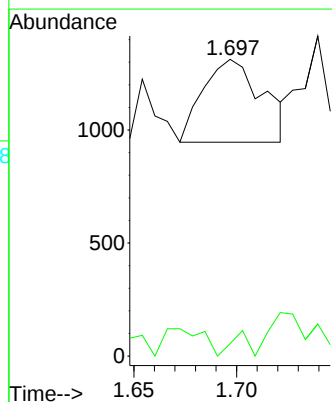
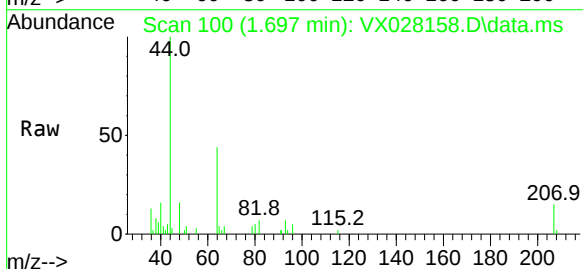
Instrument :
MSVOA_X
ClientSampleId :
VX0419MBL01

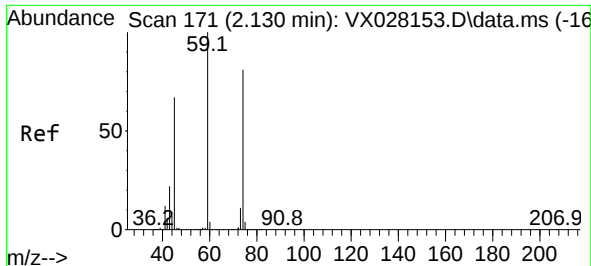
Tgt Ion: 94 Resp: 1895
Ion Ratio Lower Upper
94 100
96 85.1 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 64 Resp: 738
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

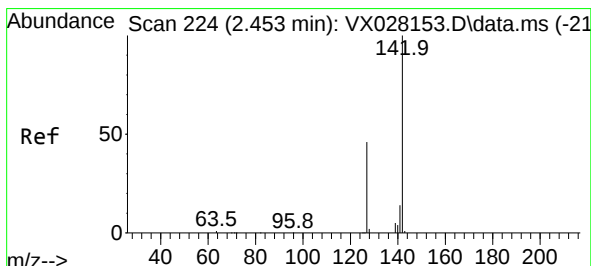
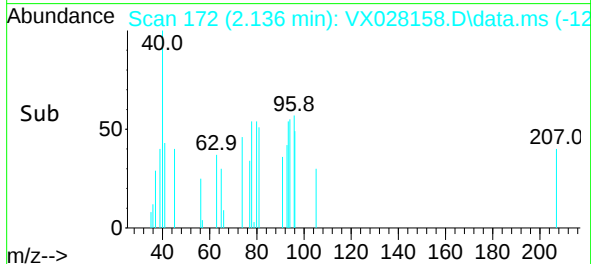
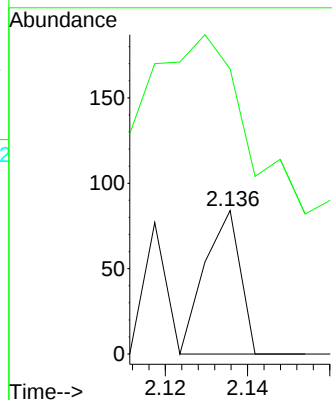
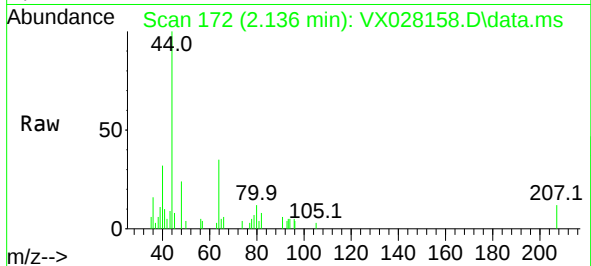




#8
Diethyl Ether
Concen: Below Cal
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

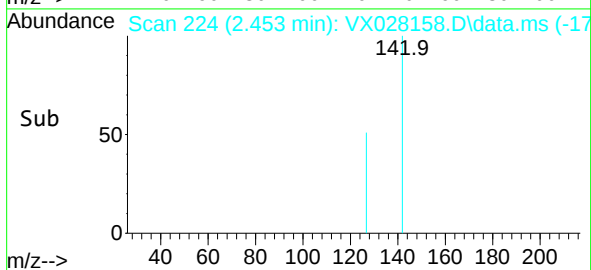
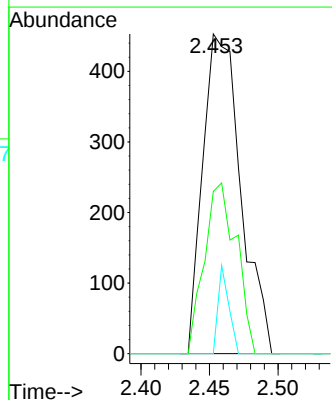
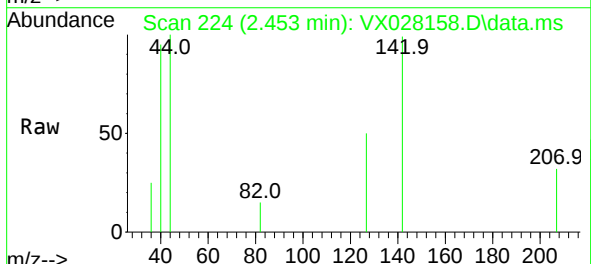
Instrument :
MSVOA_X
ClientSampleId :
VX0419MBL01

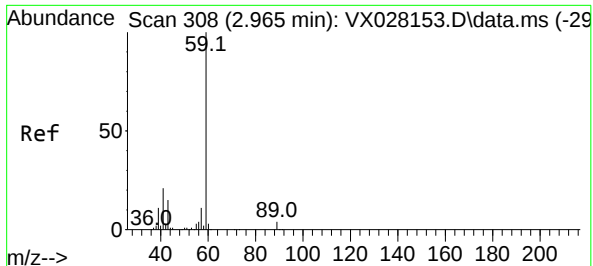
Tgt Ion: 74 Resp: 50
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.429 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 142 Resp: 873
Ion Ratio Lower Upper
142 100
127 45.0 33.9 50.9
141 7.8 11.4 17.2#

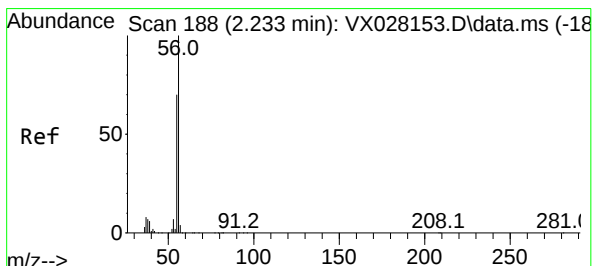
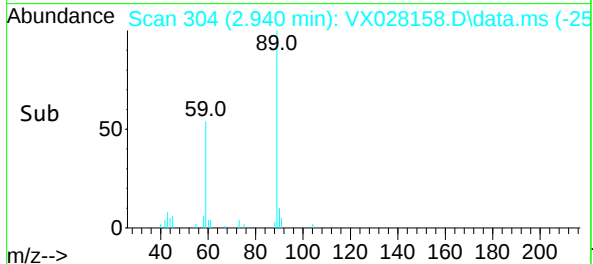
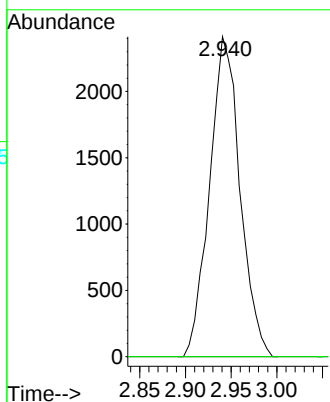
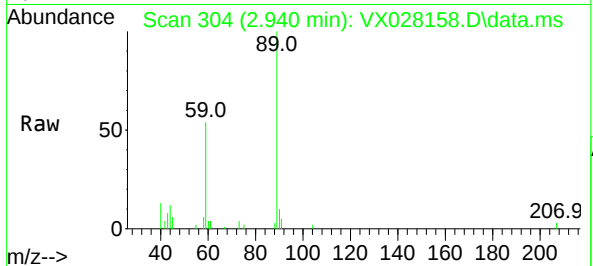




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 308
Delta R.T. -0.025 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

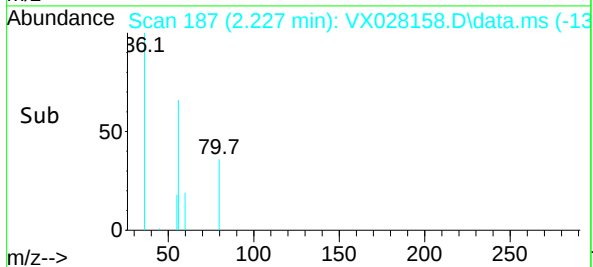
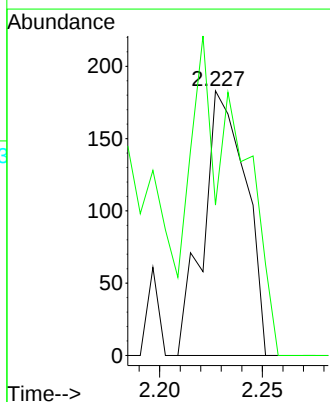
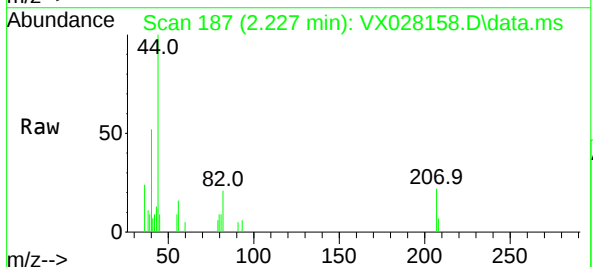
Instrument :
MSVOA_X
ClientSampleId :
VX0419MBL01

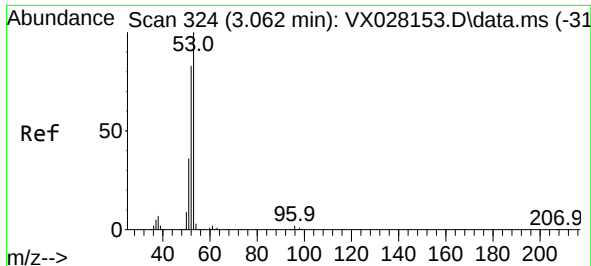
Tgt Ion: 59 Resp: 5592
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.452 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 56 Resp: 262
Ion Ratio Lower Upper
56 100
55 137.4 55.0 82.6#

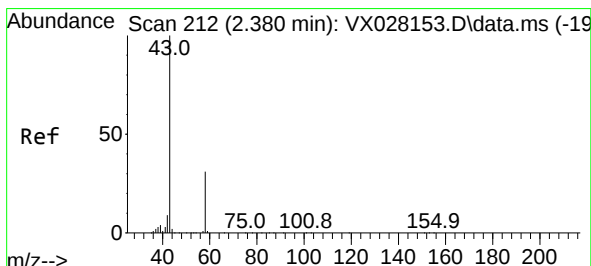
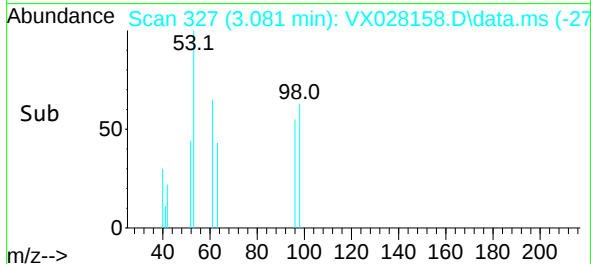
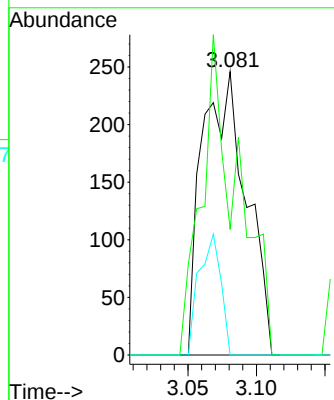
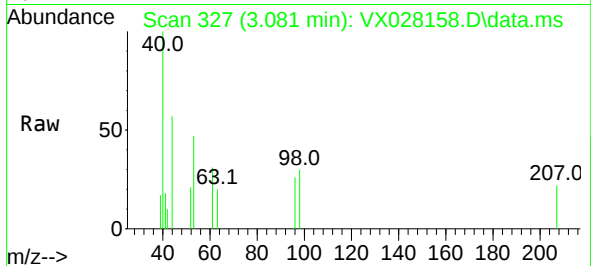




#15
Acrylonitrile
Concen: 0.287 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.019 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

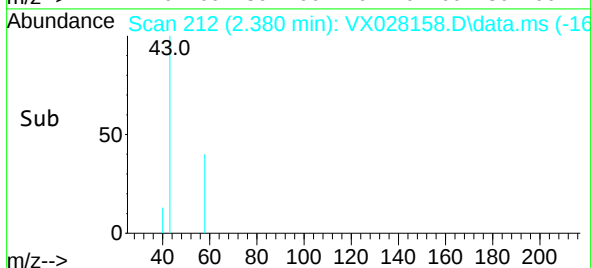
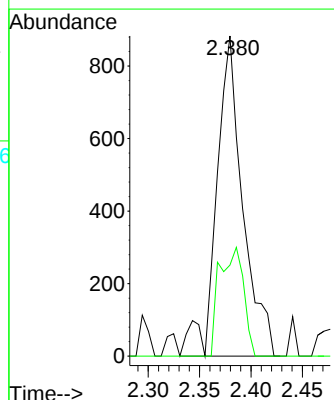
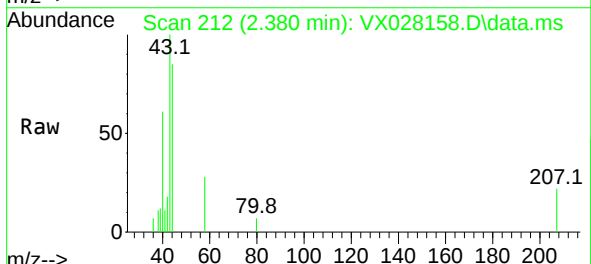
Instrument :
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ClientSampleId :
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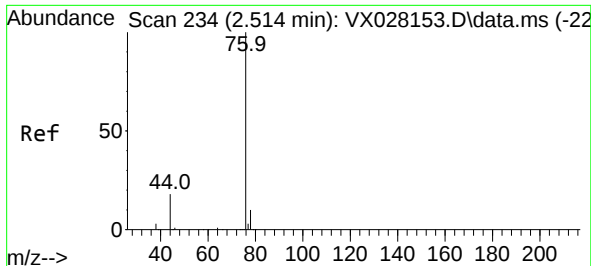
Tgt Ion: 53 Resp: 552
Ion Ratio Lower Upper
53 100
52 92.6 65.7 98.5
51 21.0 28.4 42.6#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 28.4 28.8 43.2#

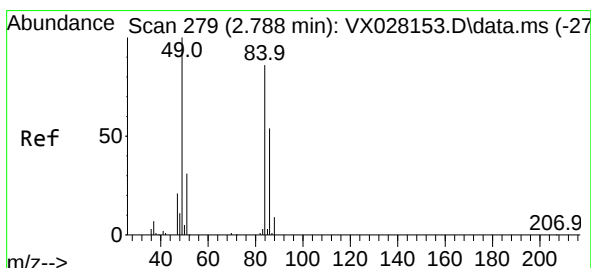
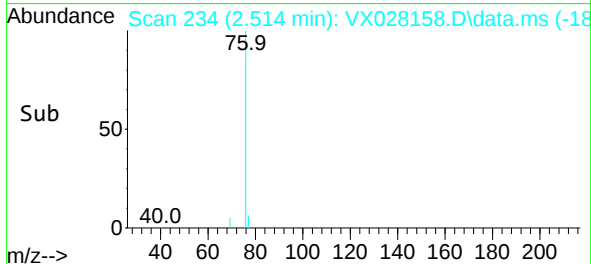
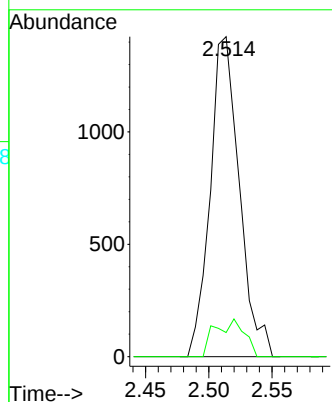
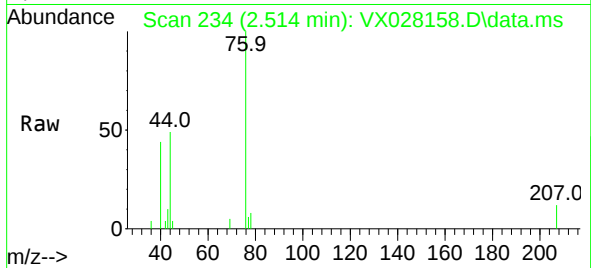




#17
Carbon Disulfide
Concen: 0.305 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

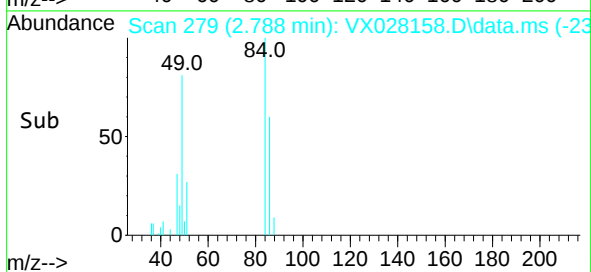
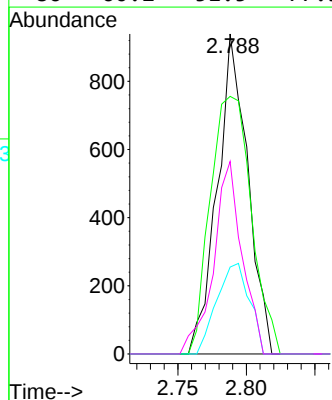
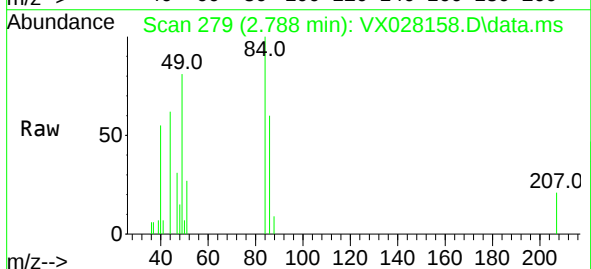
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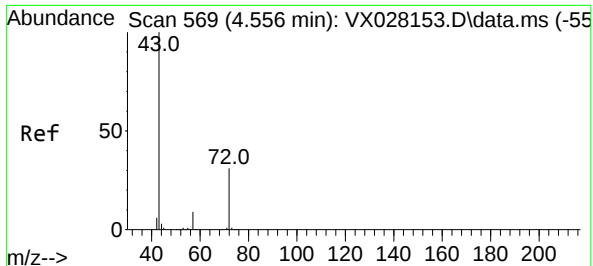
Tgt Ion: 76 Resp: 2289
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8



#20
Methylene Chloride
Concen: 0.413 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 84 Resp: 1448
Ion Ratio Lower Upper
84 100
49 80.5 85.5 128.3#
51 27.2 26.6 39.8
86 60.2 51.5 77.3

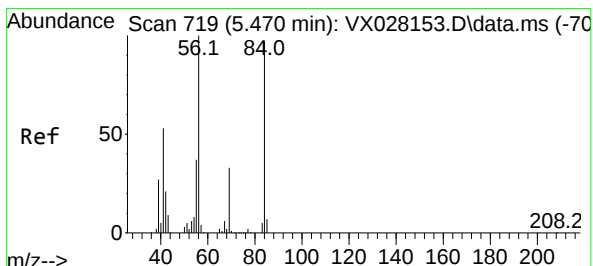
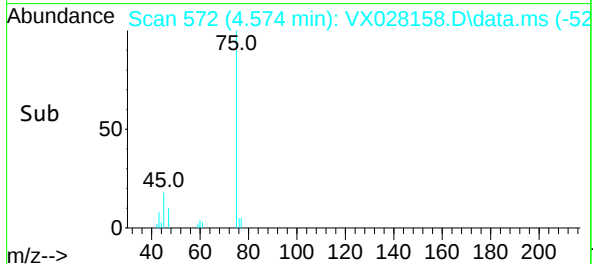
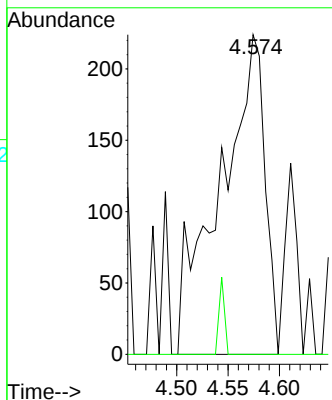
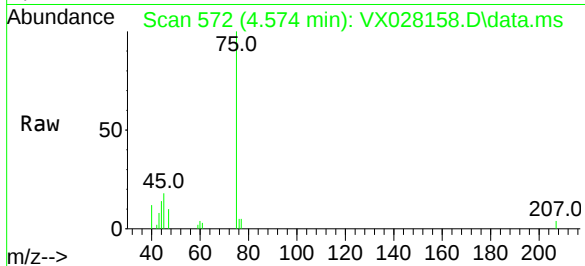




#25
2-Butanone
Concen: 0.242 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

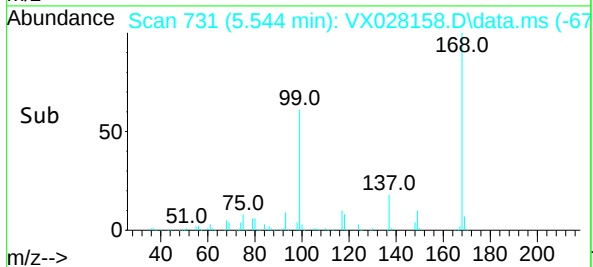
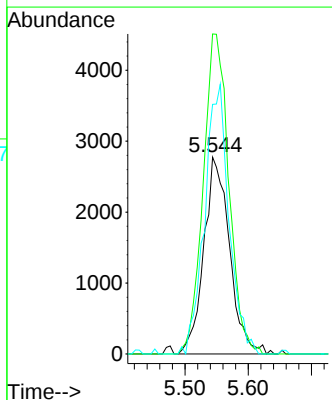
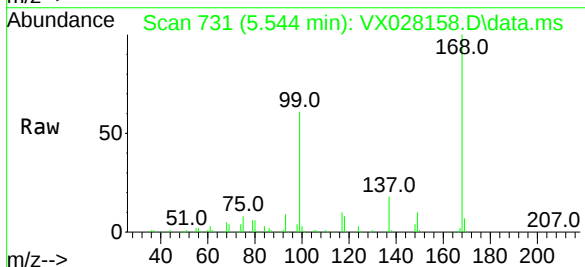
Instrument :
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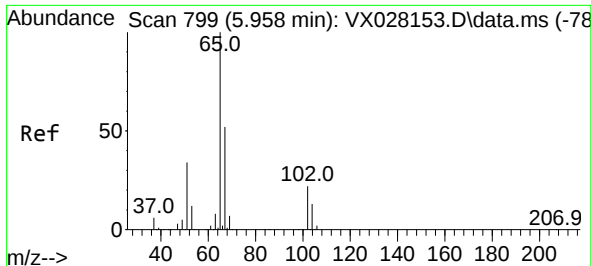
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.365 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 56 Resp: 7863
Ion Ratio Lower Upper
56 100
69 162.5 26.7 40.1#
84 126.8 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.321 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028158.D

Acq: 19 Apr 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

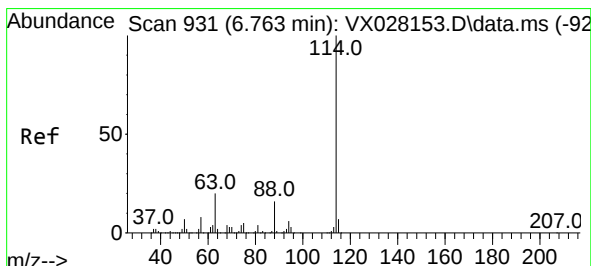
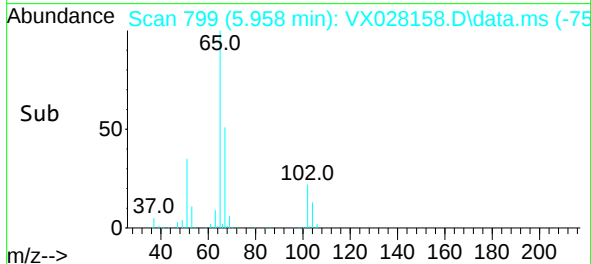
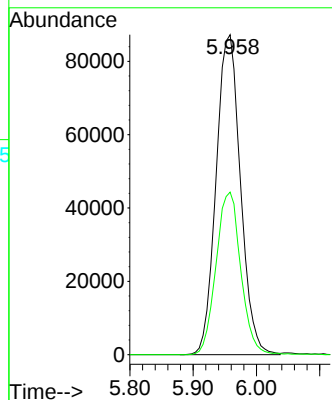
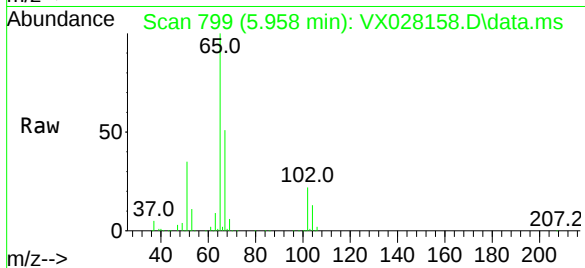
VX0419MBL01

Tgt Ion: 65 Resp: 233130

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028158.D

Acq: 19 Apr 2022 14:28

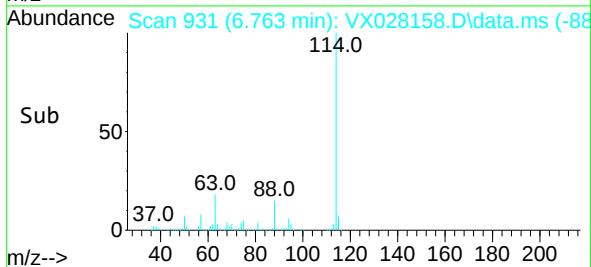
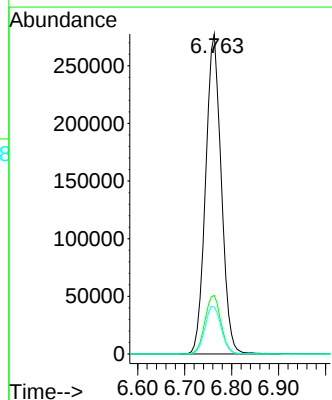
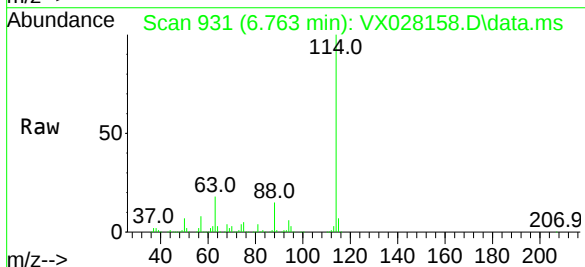
Tgt Ion: 114 Resp: 640478

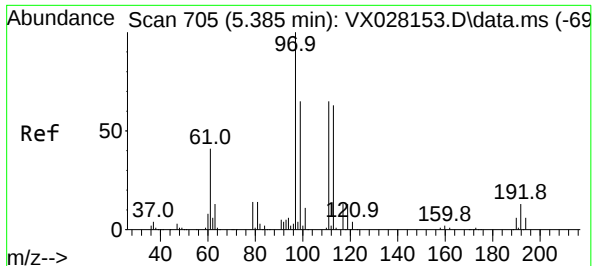
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 14.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.566 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028158.D

Acq: 19 Apr 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0419MBL01

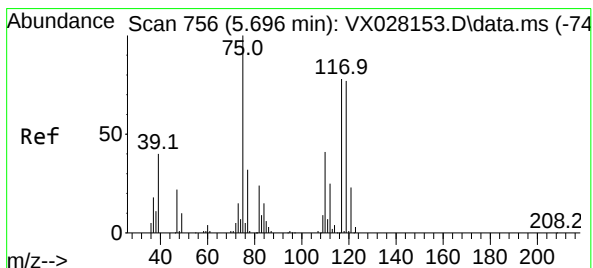
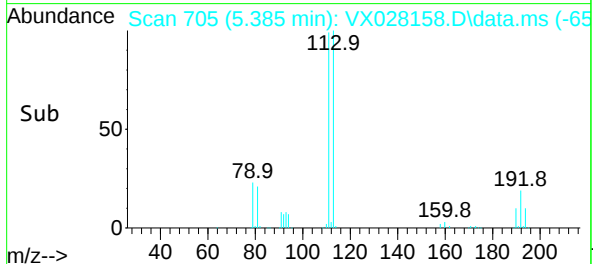
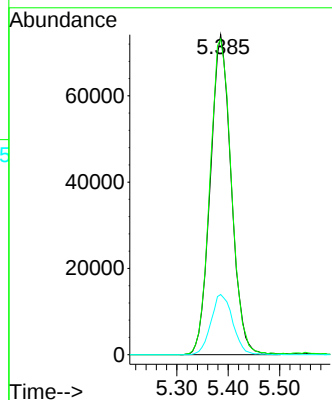
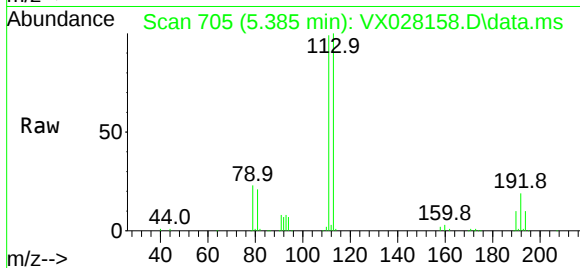
Tgt Ion:113 Resp: 209157

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 19.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.781 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX028158.D

Acq: 19 Apr 2022 14:28

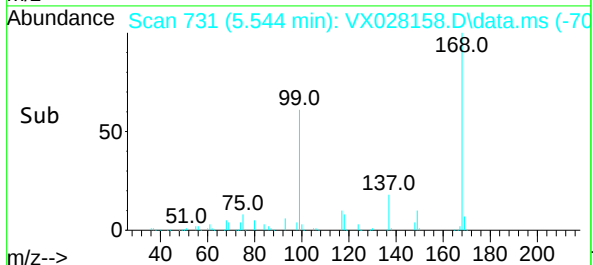
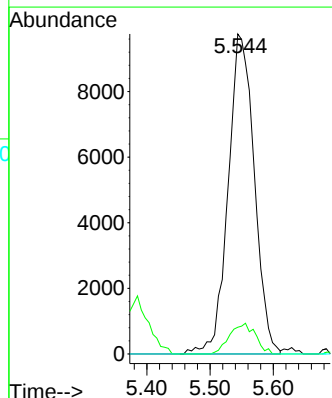
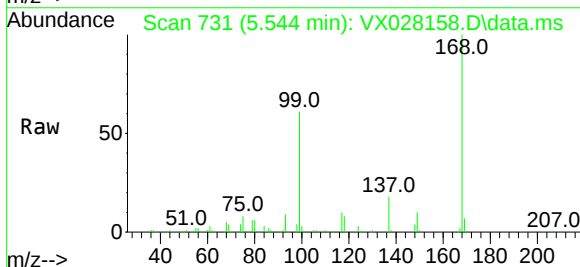
Tgt Ion: 75 Resp: 28012

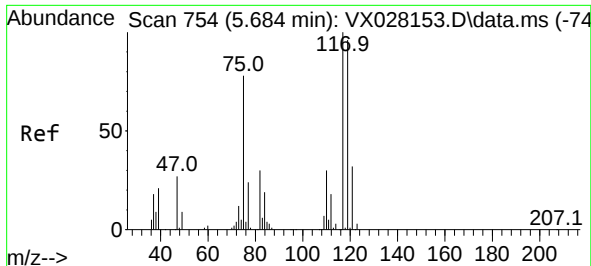
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#

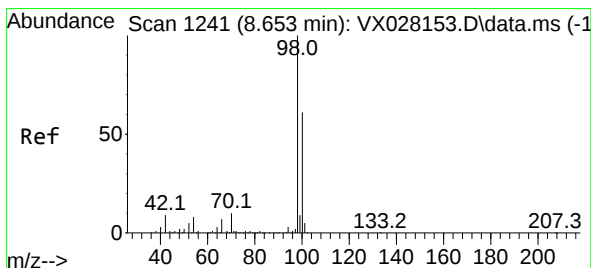
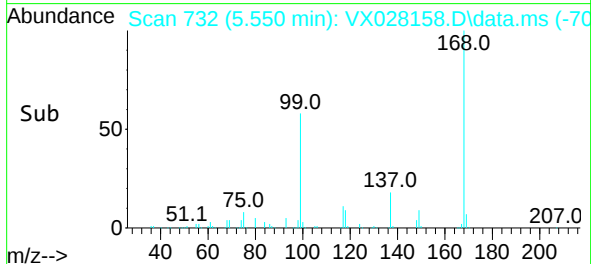
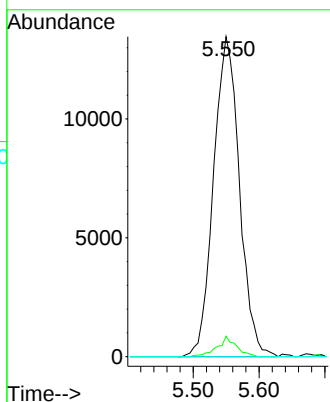
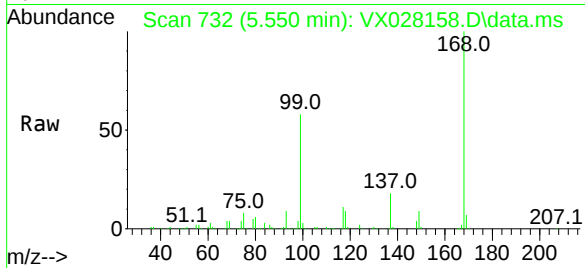




#38
Carbon Tetrachloride
Concen: 5.575 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

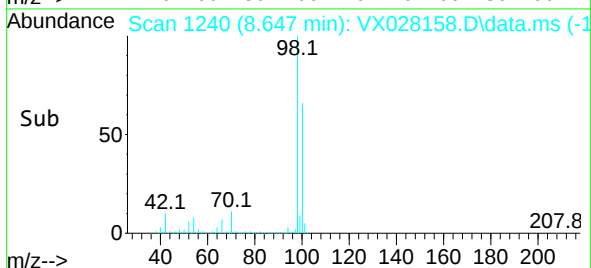
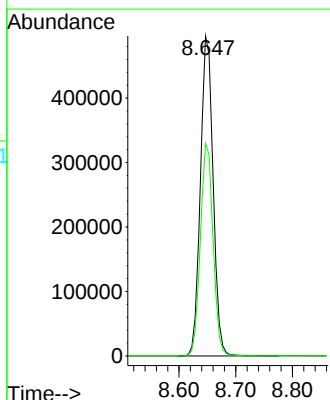
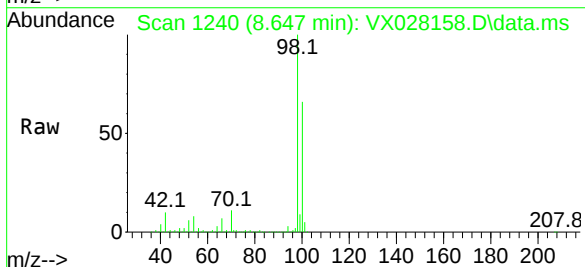
Instrument :
MSVOA_X
ClientSampleId :
VX0419MBL01

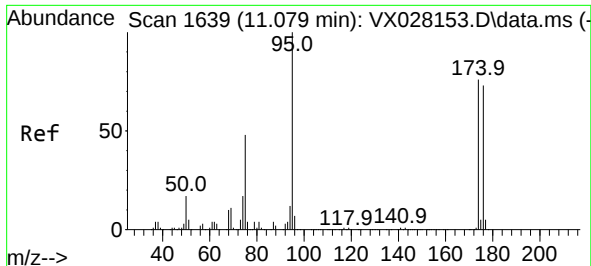
Tgt Ion:117 Resp: 36875
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.860 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 98 Resp: 773900
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

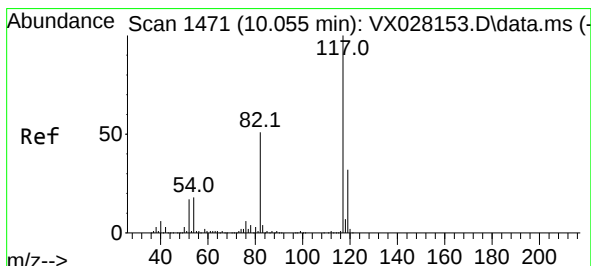
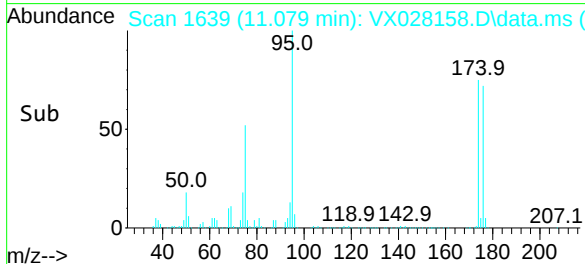
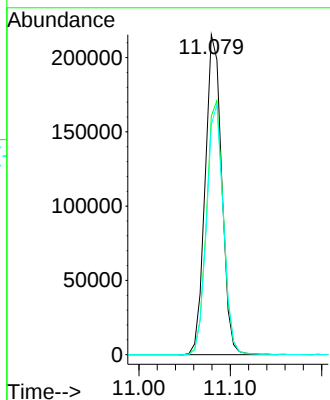
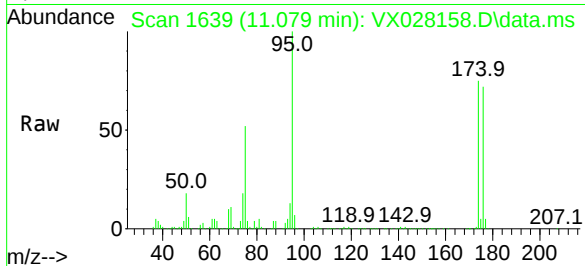




#62
4-Bromofluorobenzene
Concen: 40.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

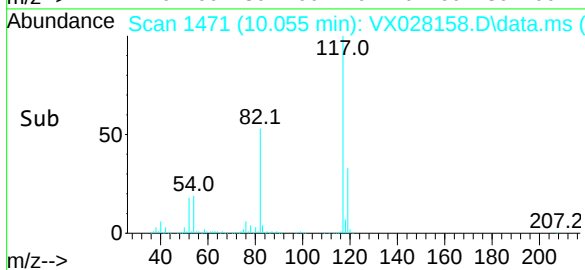
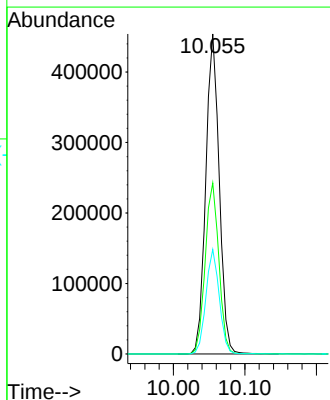
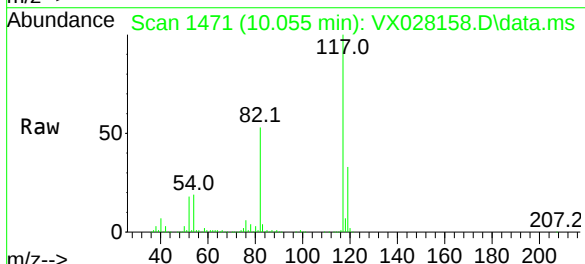
Instrument :
MSVOA_X
ClientSampleId :
VX0419MBL01

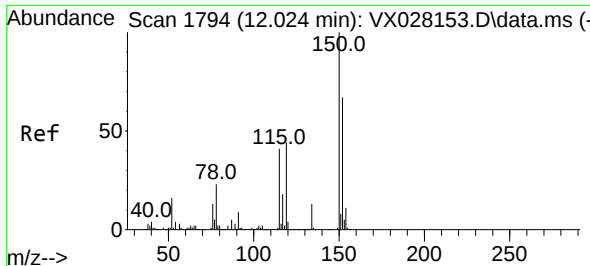
Tgt Ion: 95 Resp: 269559
Ion Ratio Lower Upper
95 100
174 81.3 0.0 163.0
176 79.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 117 Resp: 593970
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 32.7 24.8 37.2

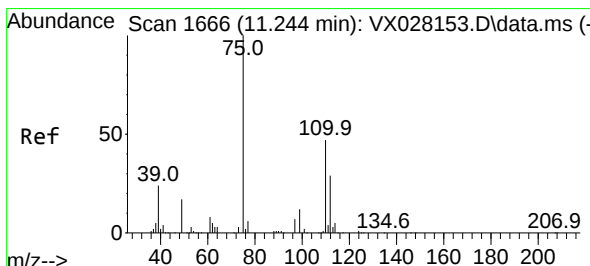
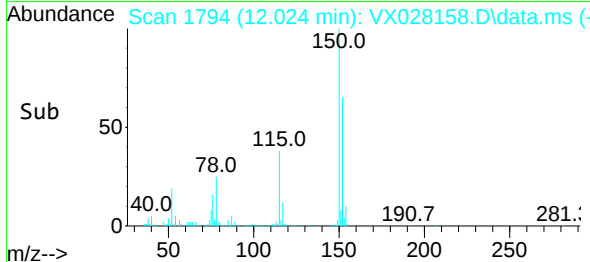
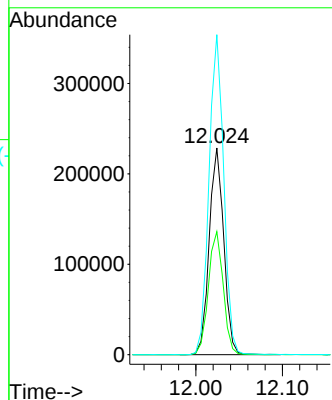
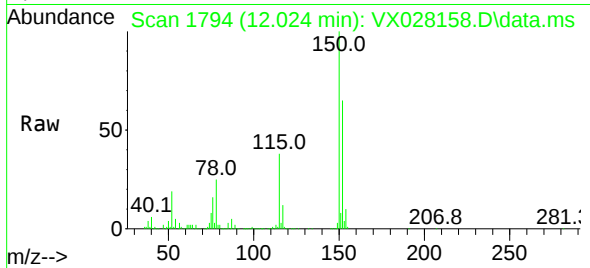




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028158.D
 Acq: 19 Apr 2022 14:28

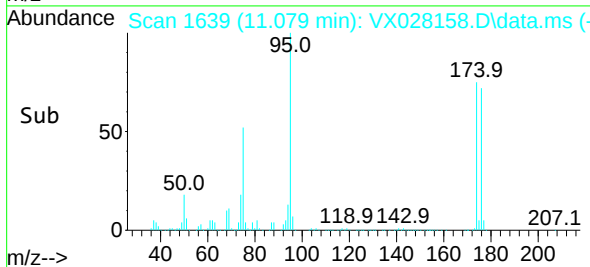
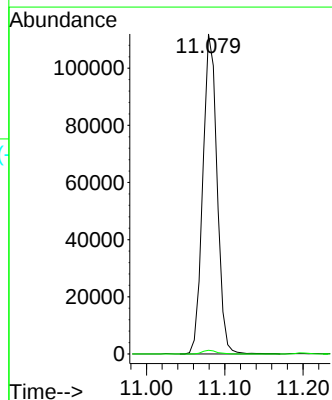
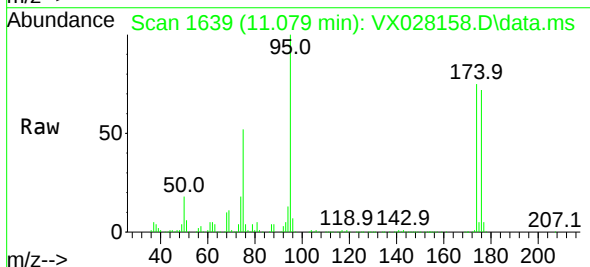
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419MBL01

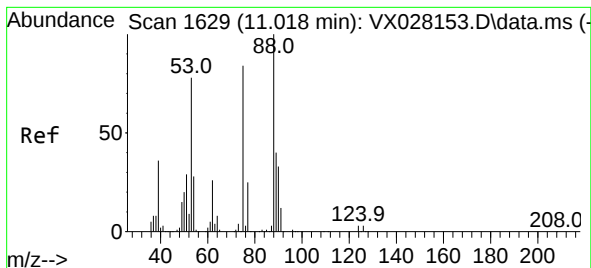
Tgt Ion:152 Resp: 267106
 Ion Ratio Lower Upper
 152 100
 115 60.6 37.5 112.7
 150 156.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 26.908 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028158.D
 Acq: 19 Apr 2022 14:28

Tgt Ion: 75 Resp: 141452
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

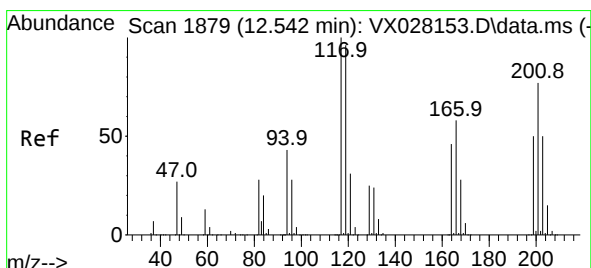
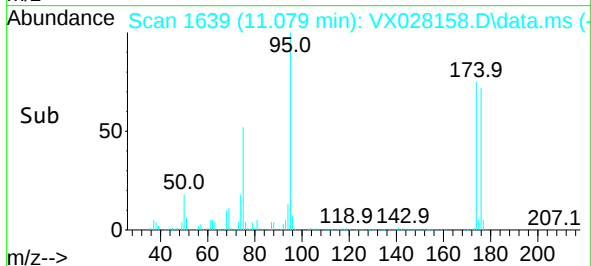
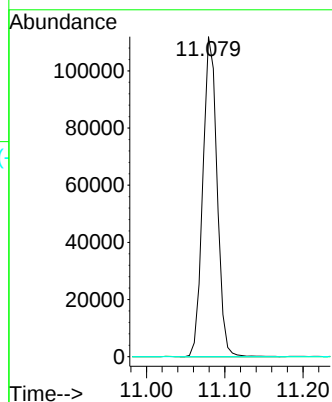
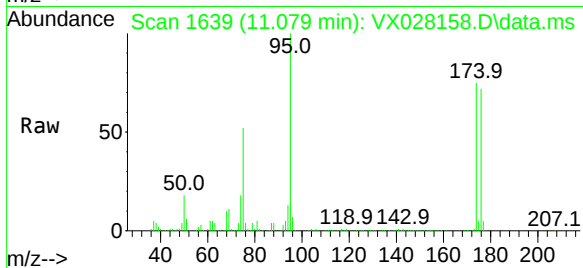




#81
trans-1,4-Dichloro-2-butene
Concen: 79.964 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

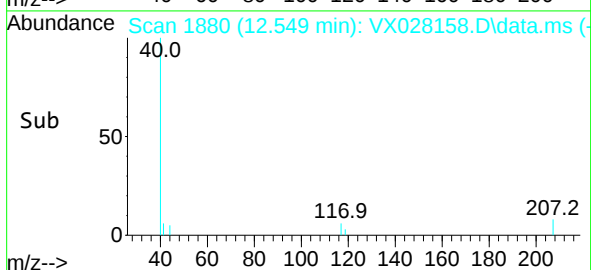
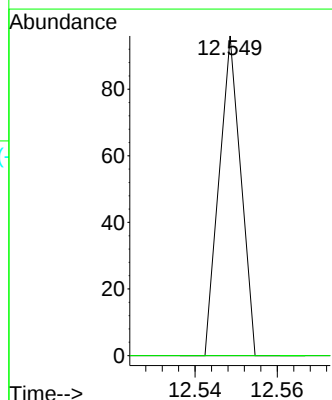
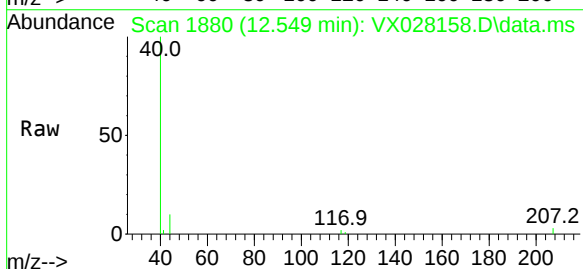
Instrument :
MSVOA_X
ClientSampleId :
VX0419MBL01

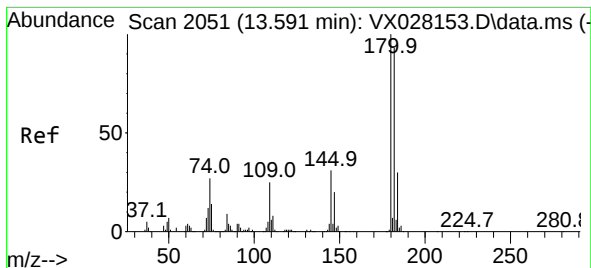
Tgt Ion: 75 Resp: 141452
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.825 ug/l
RT: 12.549 min Scan# 1880
Delta R.T. 0.007 min
Lab File: VX028158.D
Acq: 19 Apr 2022 14:28

Tgt Ion: 117 Resp: 35
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.229 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028158.D

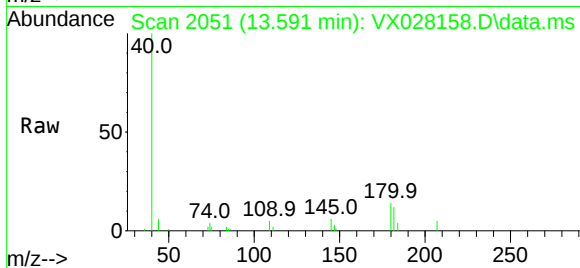
Acq: 19 Apr 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0419MBL01



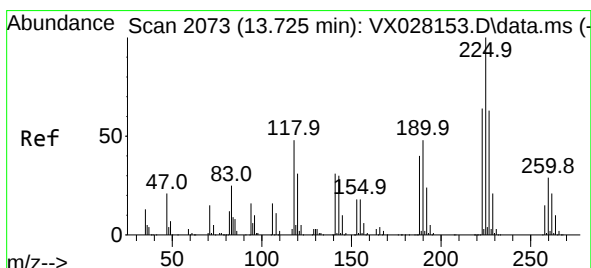
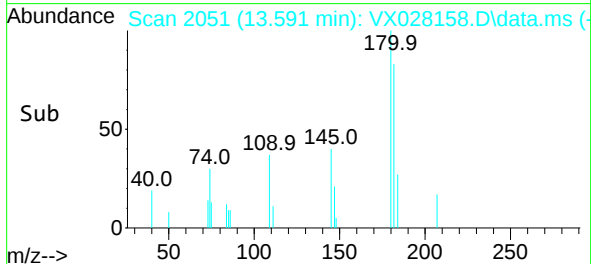
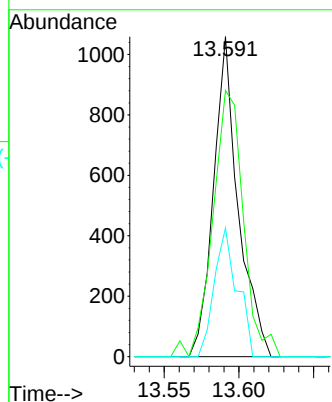
Tgt Ion:180 Resp: 1217

Ion Ratio Lower Upper

180 100

182 102.9 47.7 143.1

145 37.2 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.383 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028158.D

Acq: 19 Apr 2022 14:28

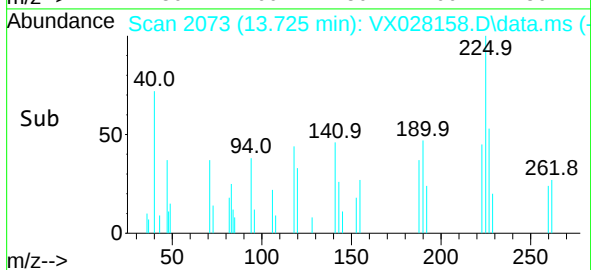
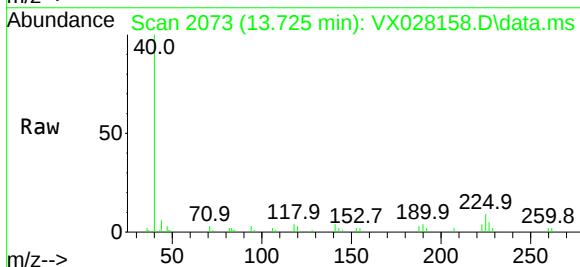
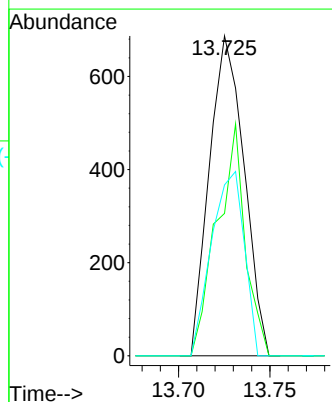
Tgt Ion:225 Resp: 907

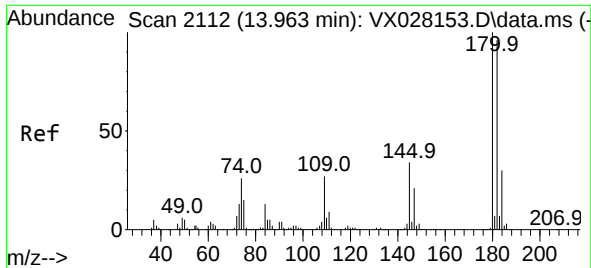
Ion Ratio Lower Upper

225 100

223 59.0 34.2 102.5

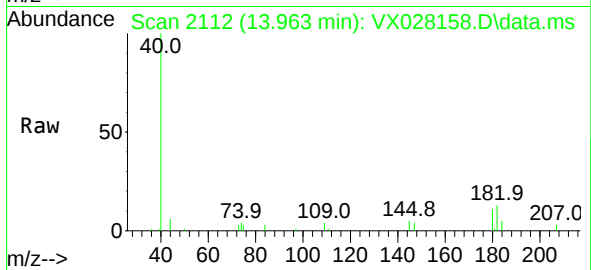
227 54.5 33.9 101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.214 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX028158.D
 Acq: 19 Apr 2022 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0419MBL01



Tgt Ion:180 Resp: 1113
 Ion Ratio Lower Upper
 180 100
 182 95.5 50.0 149.8
 145 35.4 16.2 48.5

