

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028070.D
 Acq On : 12 Apr 2022 20:40
 Operator : JC/MD
 Sample : N2334-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20

Quant Time: Apr 13 01:15:02 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)

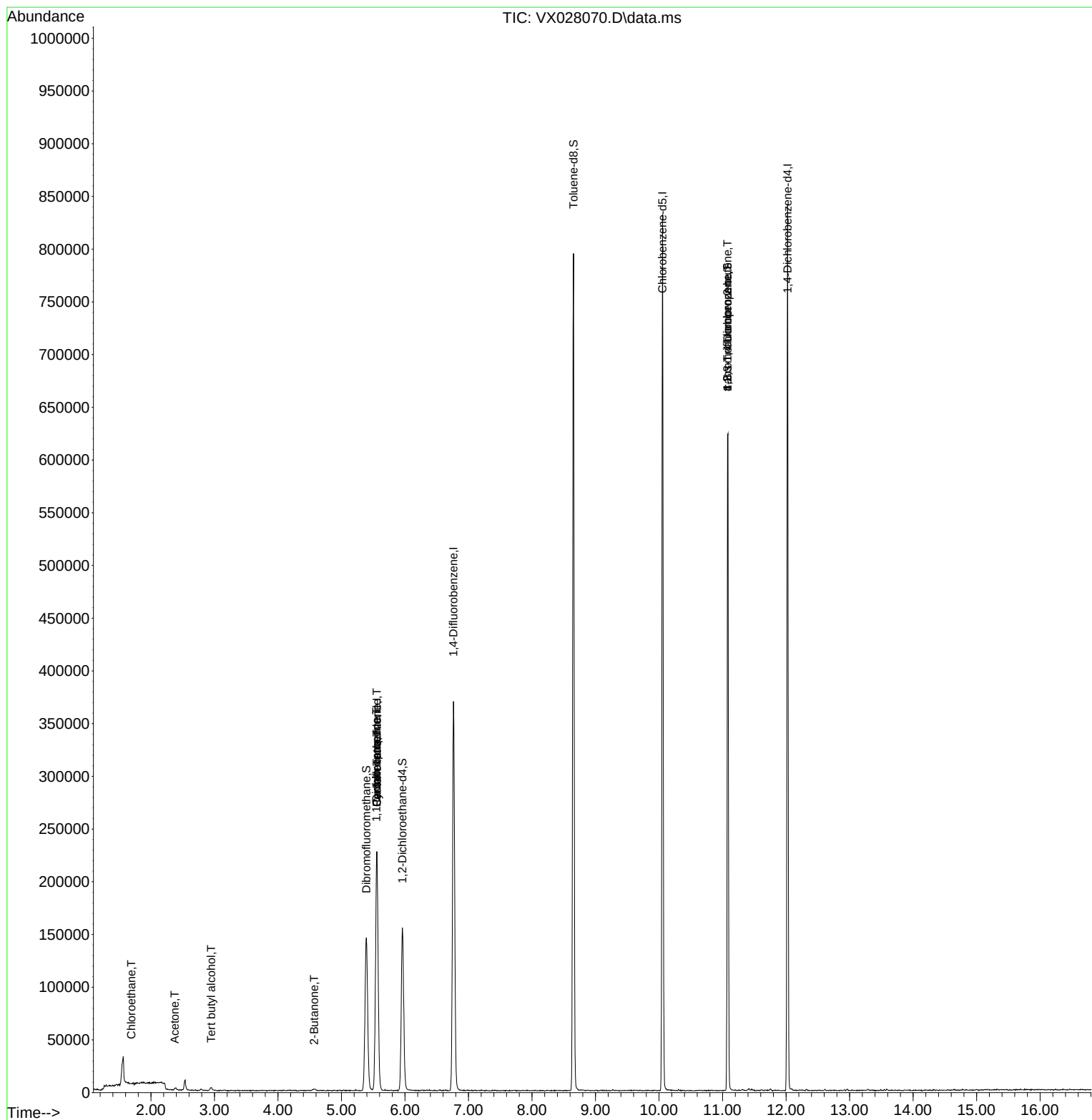
Internal Standards						
1) Pentafluorobenzene	5.556	168	218400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	375241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143145	48.311	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.620%
35) Dibromofluoromethane	5.391	113	123641	50.284	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.560%
50) Toluene-d8	8.653	98	452474	49.341	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.680%
62) 4-Bromofluorobenzene	11.079	95	150257	43.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	645	Below Cal	#	63
6) Chloroethane	1.690	64	70	2.631	ug/l #	43
11) Tert butyl alcohol	2.946	59	1833	2.665	ug/l #	77
13) Acrolein	2.251	56	45	Below Cal	#	15
16) Acetone	2.373	43	2793	2.262	ug/l #	87
25) 2-Butanone	4.568	43	590	0.276	ug/l #	44
31) Cyclohexane	5.556	56	5210	1.279	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	16752	4.464	ug/l #	51
38) Carbon Tetrachloride	5.556	117	21748	5.428	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	85041	23.418	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	85041	65.957	ug/l #	15

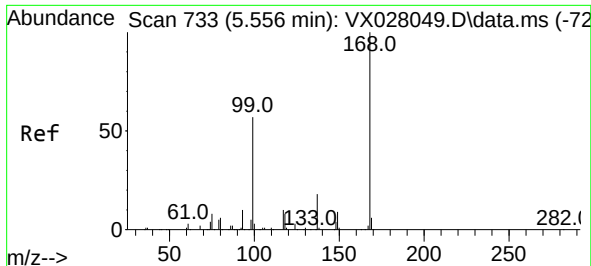
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
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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

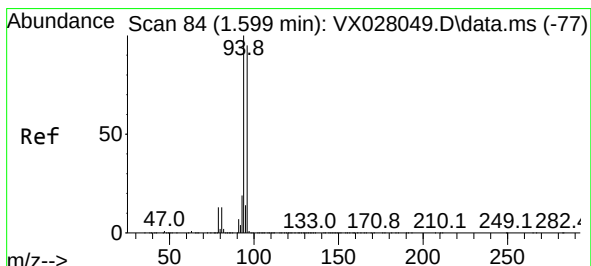
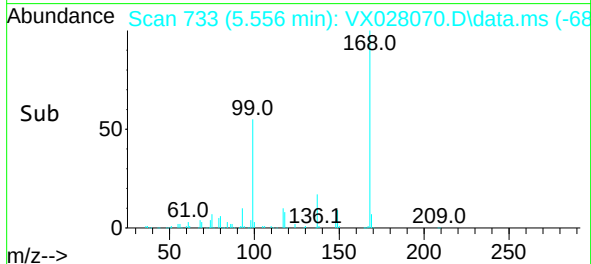
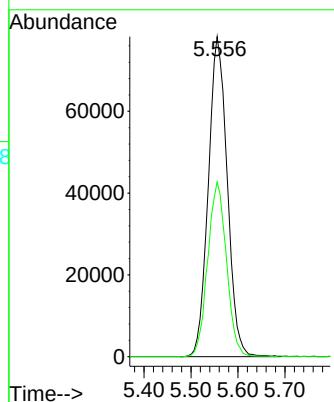
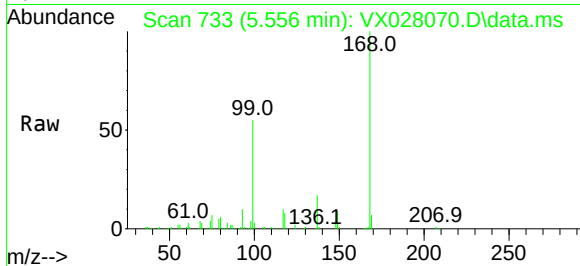




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

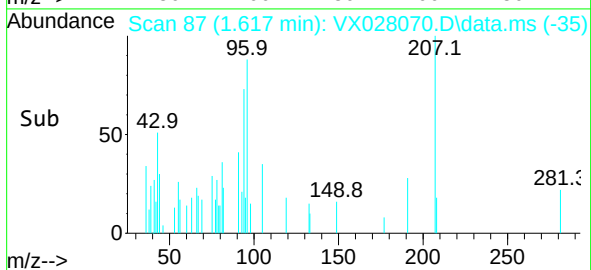
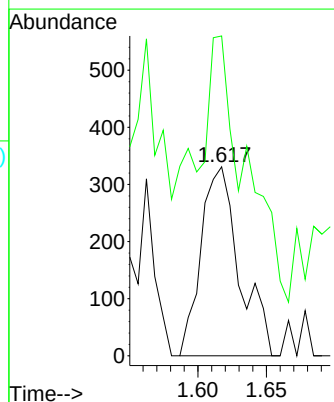
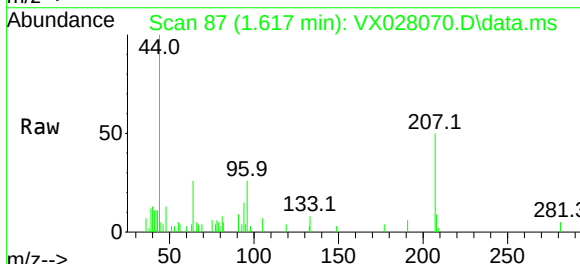
Instrument :
MSVOA_X
ClientSampleId :
MW-20

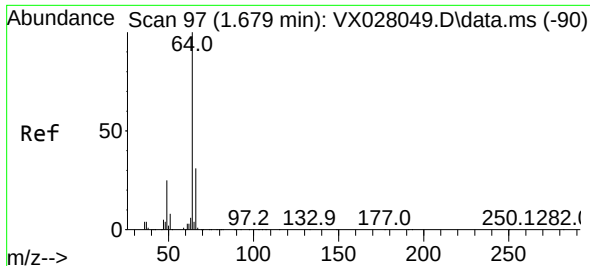
Tgt Ion:168 Resp: 218400
Ion Ratio Lower Upper
168 100
99 54.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

Tgt Ion: 94 Resp: 645
Ion Ratio Lower Upper
94 100
96 129.6 75.3 112.9#

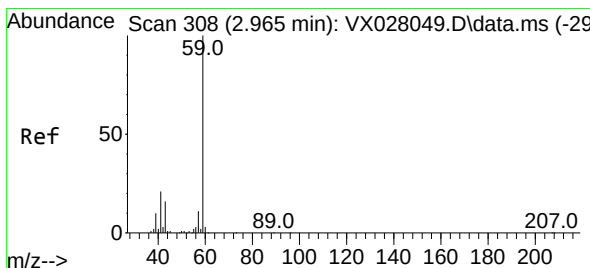
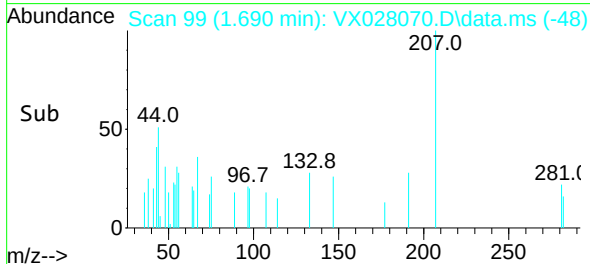
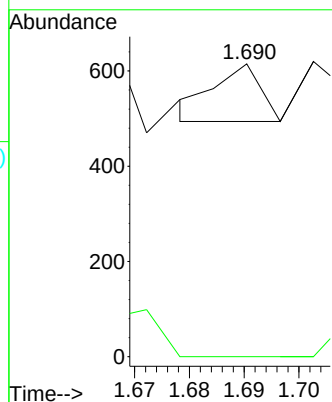
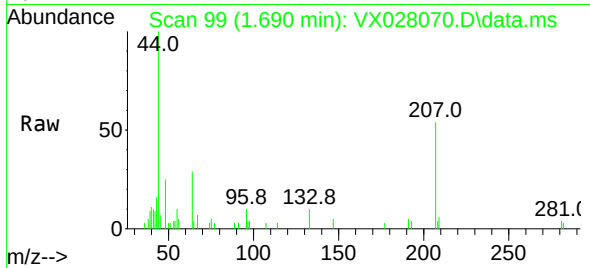




#6
Chloroethane
Concen: 2.631 ug/l
RT: 1.690 min Scan# 91
Delta R.T. 0.011 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

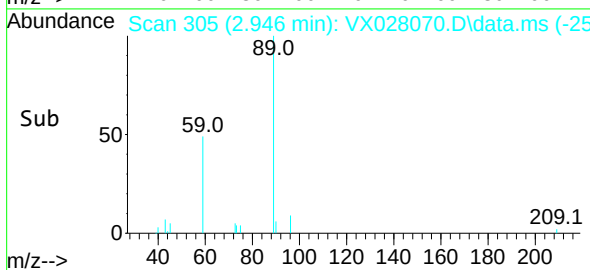
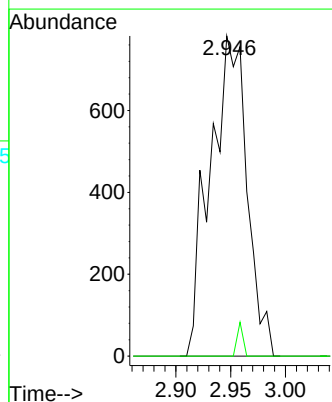
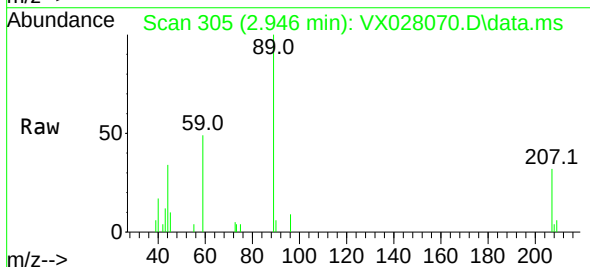
Instrument :
MSVOA_X
ClientSampleId :
MW-20

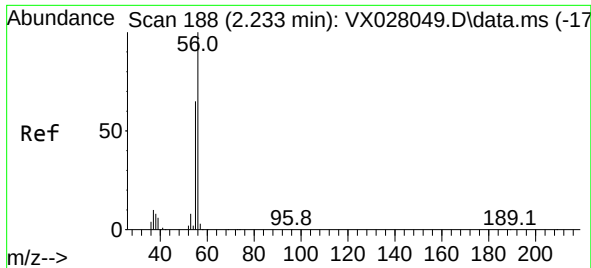
Tgt Ion: 64 Resp: 70
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 2.665 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

Tgt Ion: 59 Resp: 1833
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#

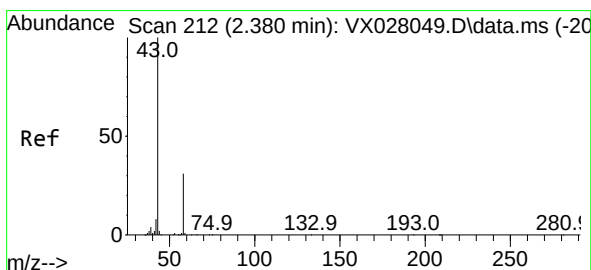
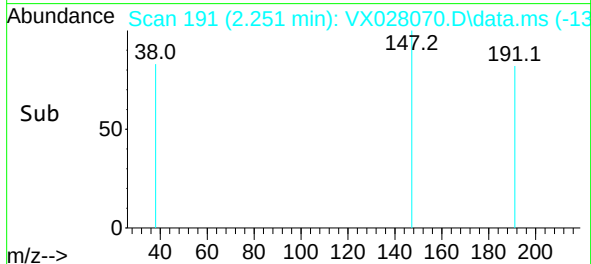
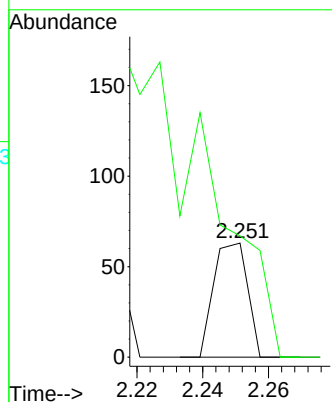
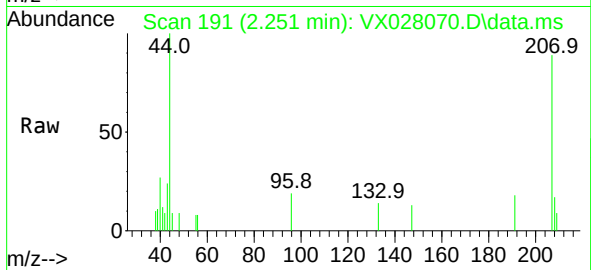




#13
Acrolein
Concen: Below Cal
RT: 2.251 min Scan# 191
Delta R.T. 0.018 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

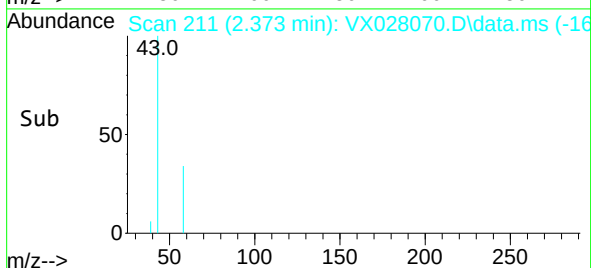
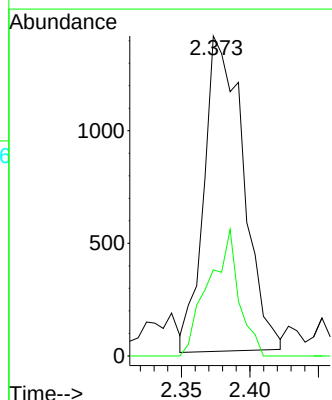
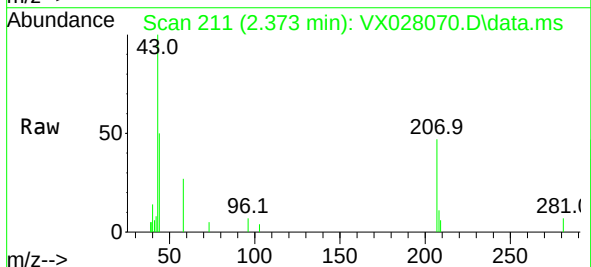
Instrument :
MSVOA_X
ClientSampleId :
MW-20

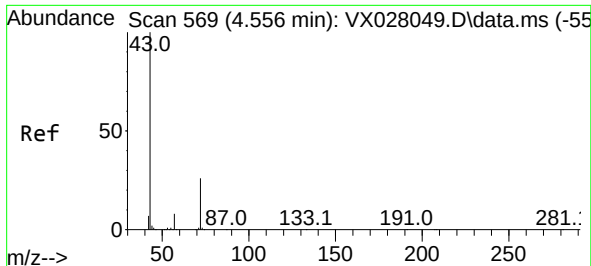
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#16
Acetone
Concen: 2.262 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

Tgt Ion: 43 Resp: 2793
Ion Ratio Lower Upper
43 100
58 28.3 28.8 43.2#

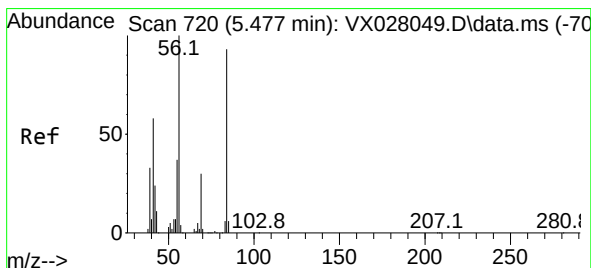
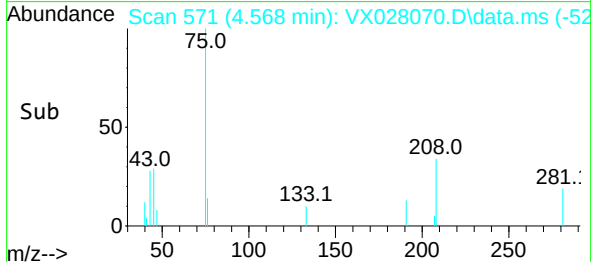
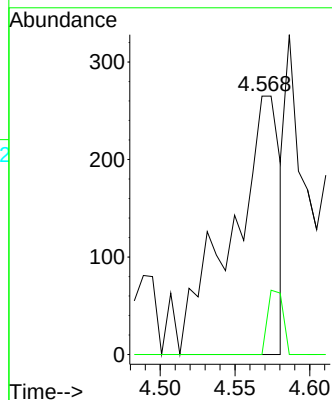
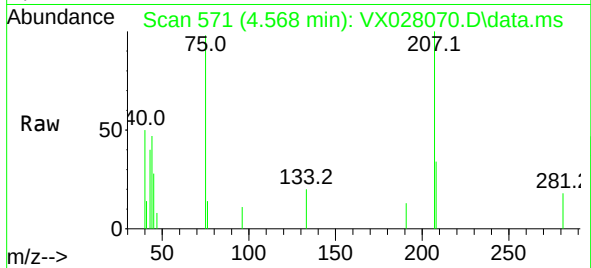




#25
2-Butanone
Concen: 0.276 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

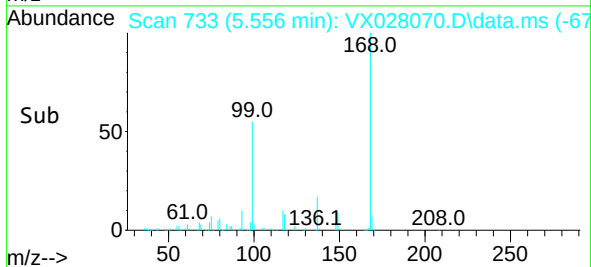
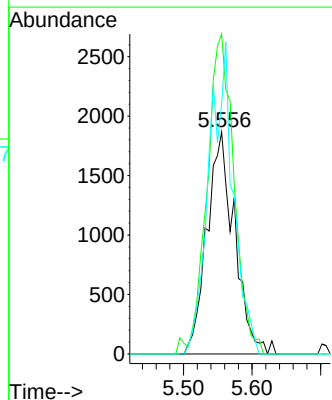
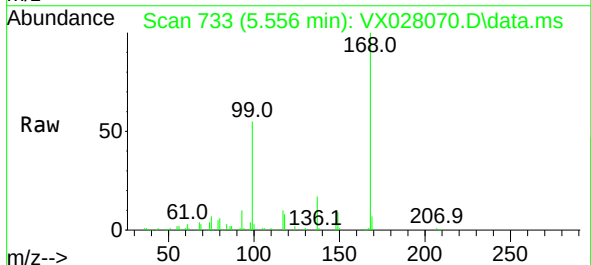
Instrument :
MSVOA_X
ClientSampleId :
MW-20

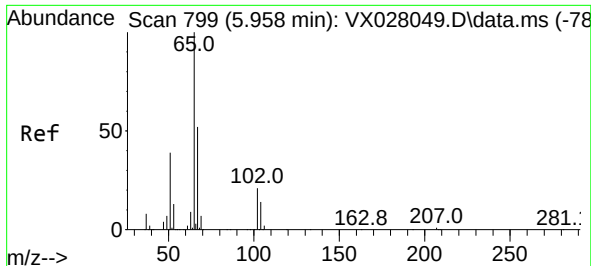
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.279 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

Tgt Ion: 56 Resp: 5210
Ion Ratio Lower Upper
56 100
69 144.2 26.7 40.1#
84 112.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 48.311 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028070.D

Acq: 12 Apr 2022 20:40

Instrument :

MSVOA_X

ClientSampleId :

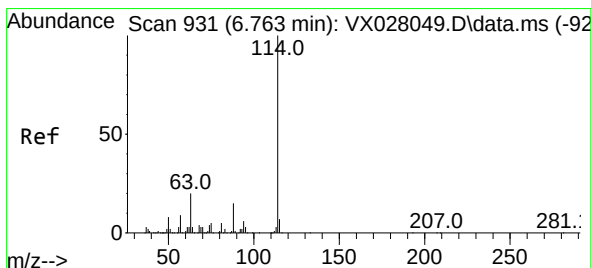
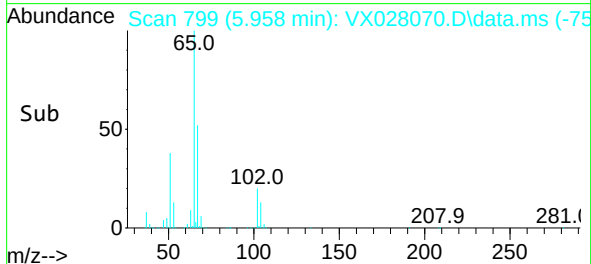
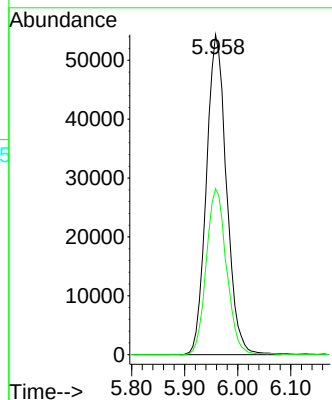
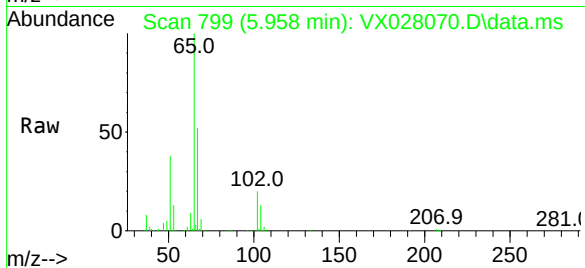
MW-20

Tgt Ion: 65 Resp: 143145

Ion Ratio Lower Upper

65 100

67 52.0 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: VX028070.D

Acq: 12 Apr 2022 20:40

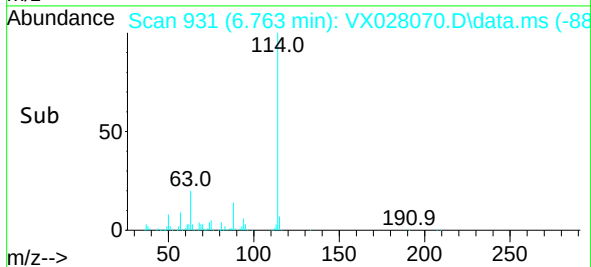
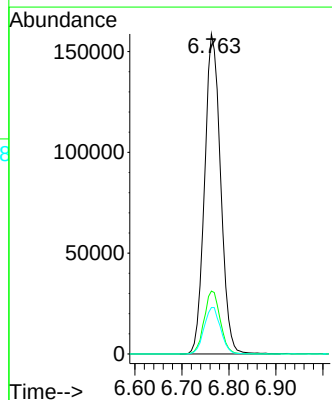
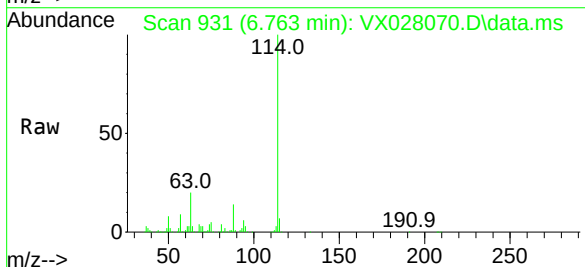
Tgt Ion: 114 Resp: 375241

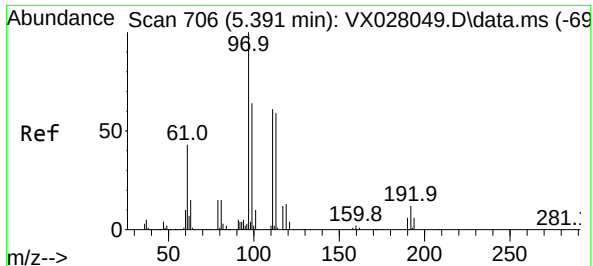
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 14.5 0.0 32.4

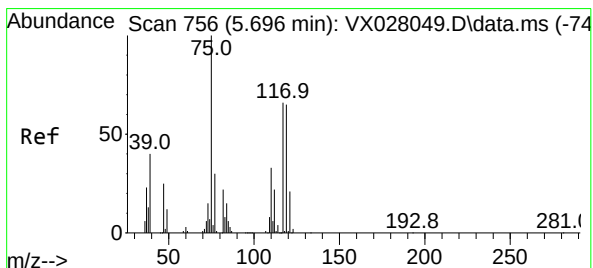
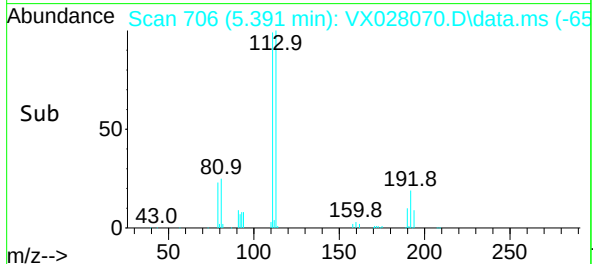
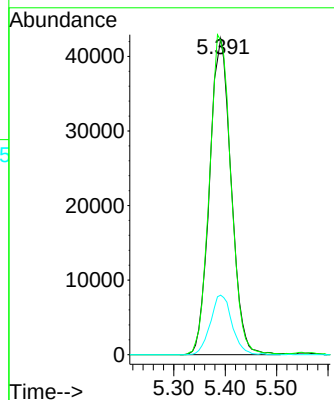
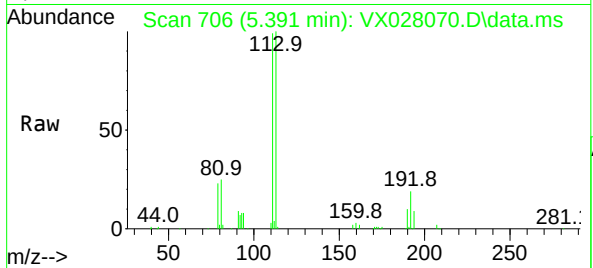




#35
Dibromofluoromethane
Concen: 50.284 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

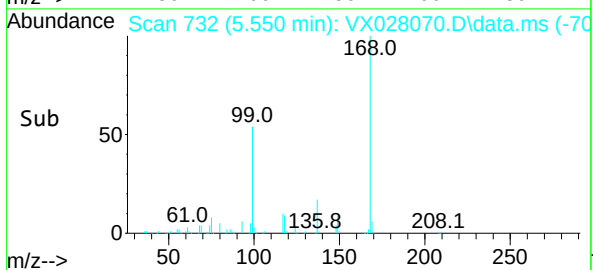
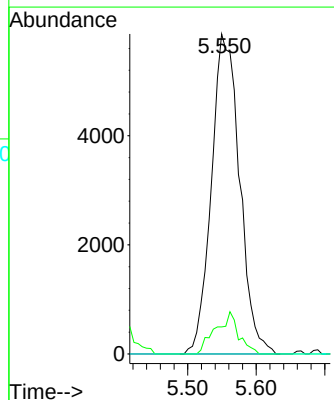
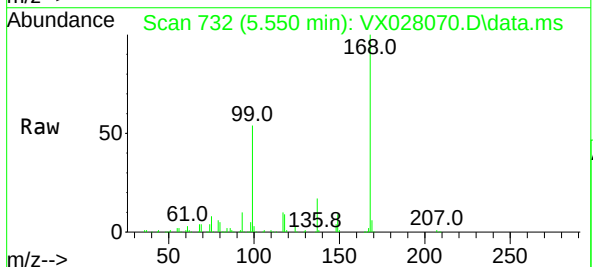
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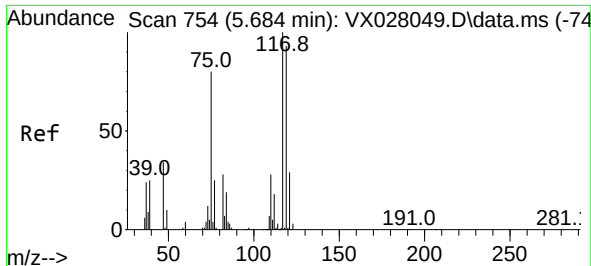
Tgt Ion:113 Resp: 123641
Ion Ratio Lower Upper
113 100
111 101.2 82.8 124.2
192 18.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

Tgt Ion: 75 Resp: 16752
Ion Ratio Lower Upper
75 100
110 10.8 18.3 54.8#
77 0.0 24.8 37.2#

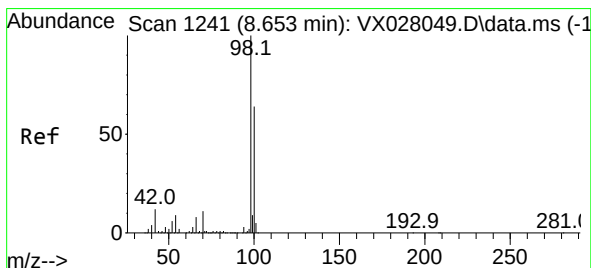
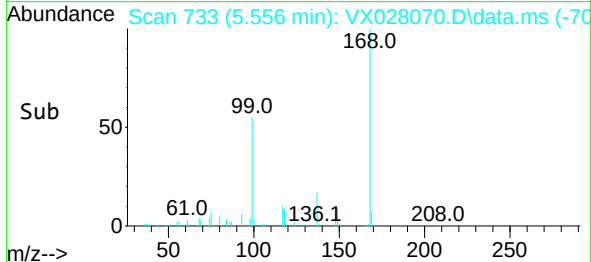
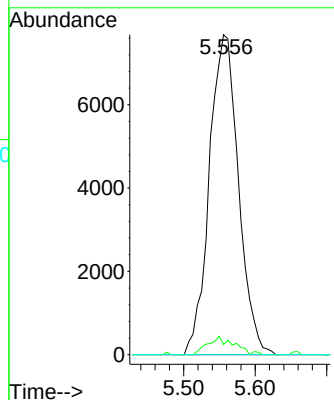
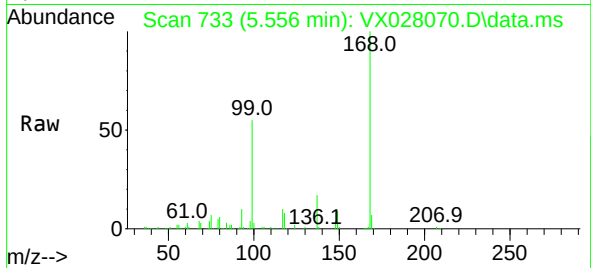




#38
Carbon Tetrachloride
Concen: 5.428 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

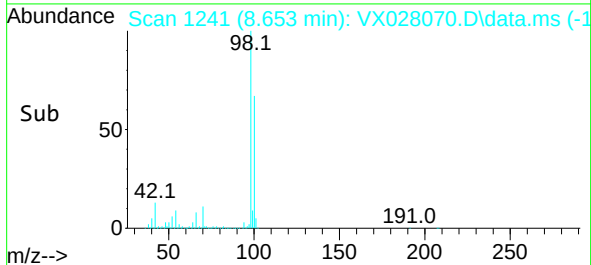
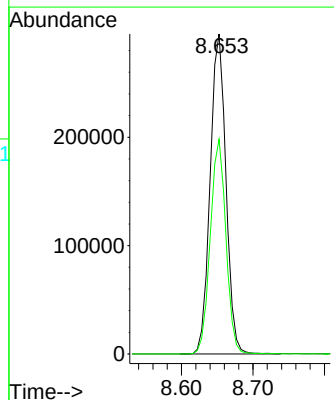
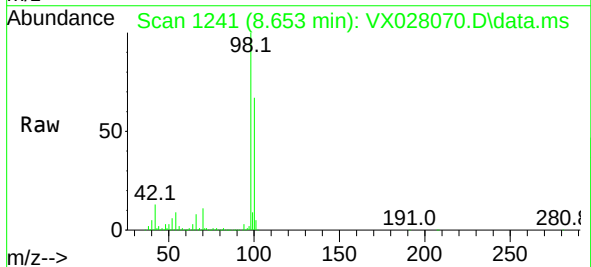
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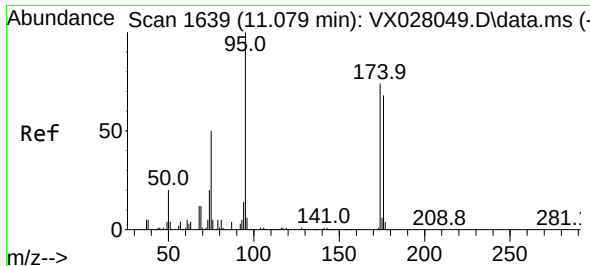
Tgt Ion:117 Resp: 21748
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.341 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

Tgt Ion: 98 Resp: 452474
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

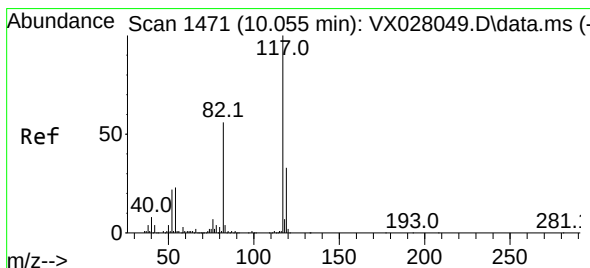
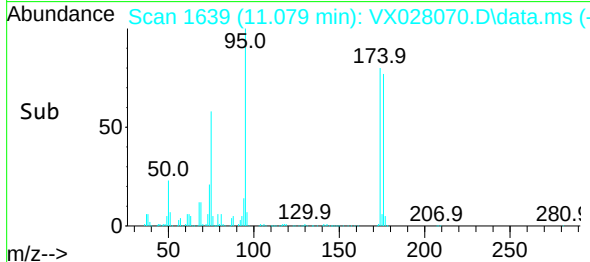
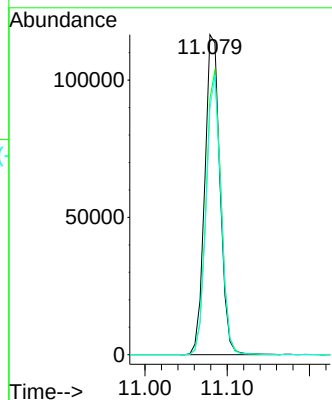
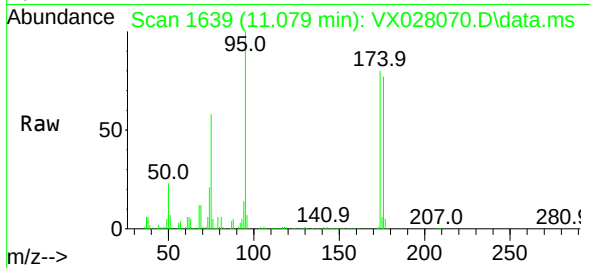




#62
4-Bromofluorobenzene
Concen: 43.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

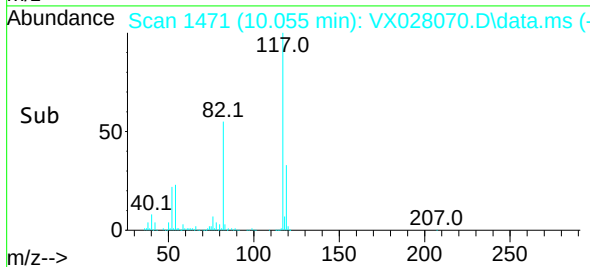
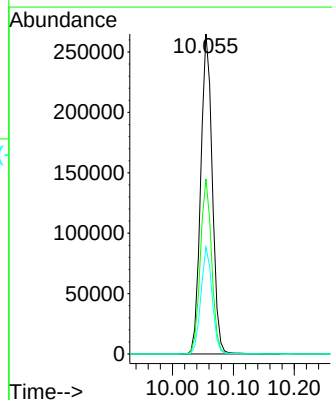
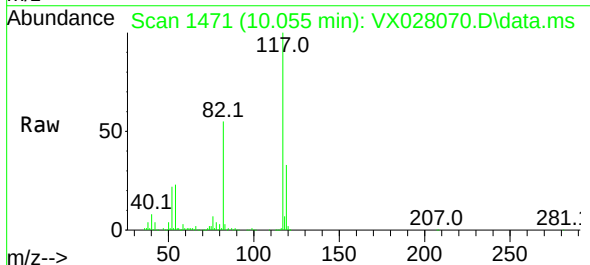
Instrument :
MSVOA_X
ClientSampleId :
MW-20

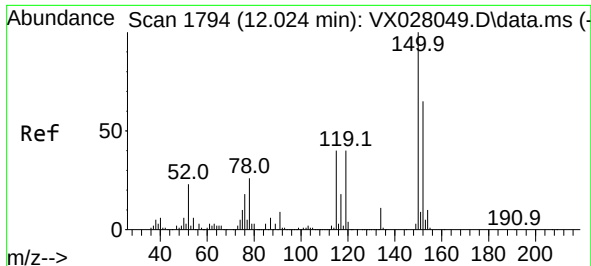
Tgt Ion: 95 Resp: 150257
Ion Ratio Lower Upper
95 100
174 87.4 0.0 163.0
176 84.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028070.D
Acq: 12 Apr 2022 20:40

Tgt Ion: 117 Resp: 349537
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 33.3 24.8 37.2

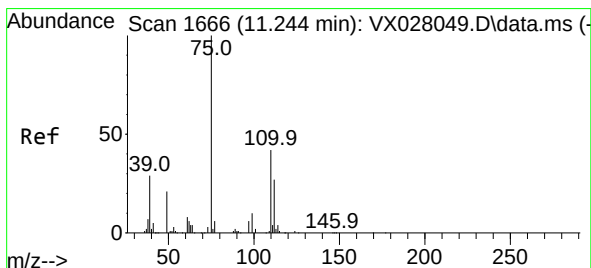
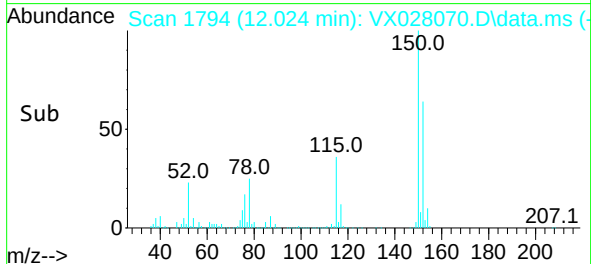
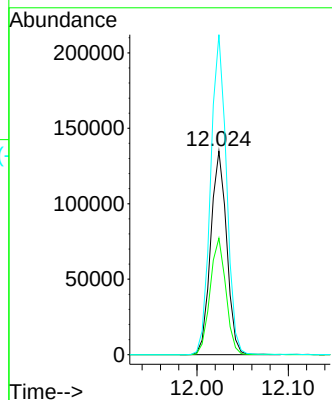
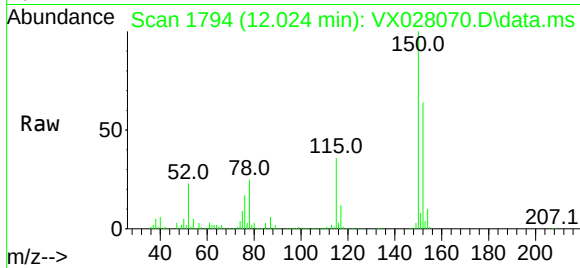




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX028070.D
 Acq: 12 Apr 2022 20:40

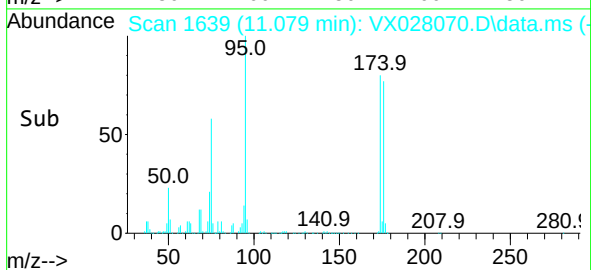
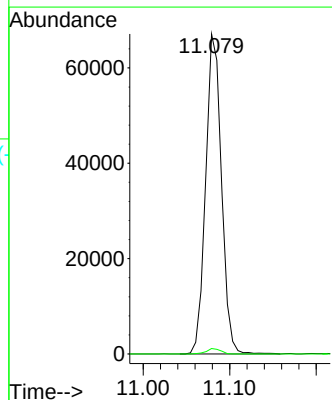
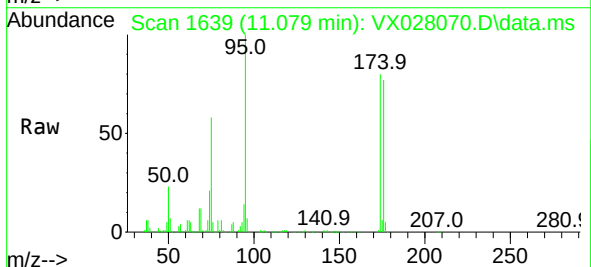
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20

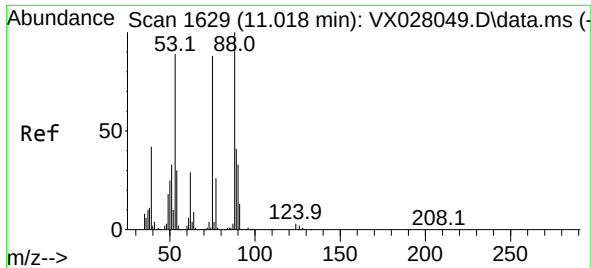
Tgt Ion:152 Resp: 163118
 Ion Ratio Lower Upper
 152 100
 115 56.5 37.5 112.7
 150 156.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.418 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028070.D
 Acq: 12 Apr 2022 20:40

Tgt Ion: 75 Resp: 85041
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.957 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028070.D
 Acq: 12 Apr 2022 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20

Tgt Ion: 75 Resp: 85041
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

