

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028073.D
 Acq On : 12 Apr 2022 21:50
 Operator : JC/MD
 Sample : N2334-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19D

Quant Time: Apr 13 01:15:32 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)

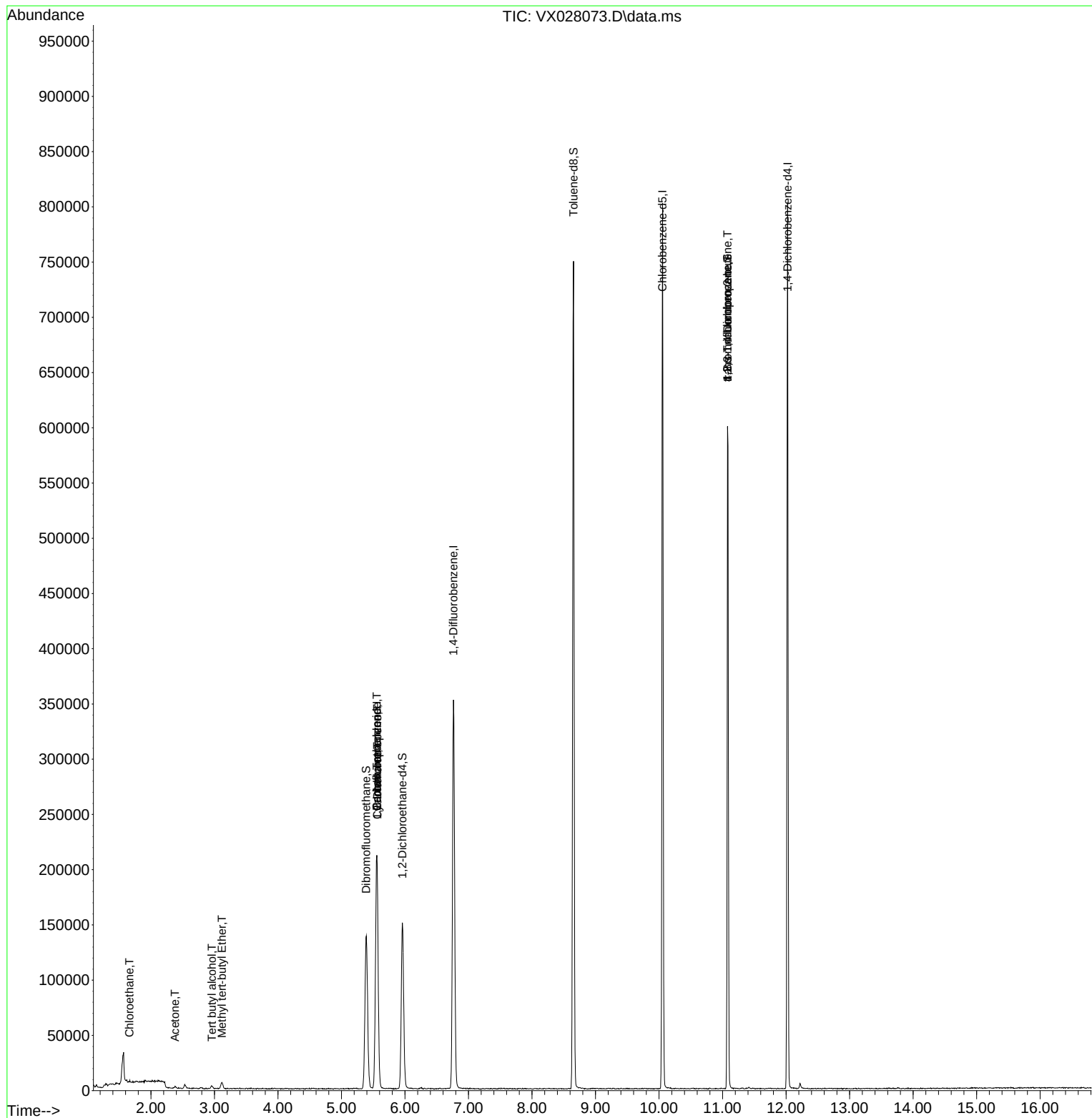
Internal Standards						
1) Pentafluorobenzene	5.556	168	207007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	359181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138115	49.179	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.360%
35) Dibromofluoromethane	5.385	113	117499	49.923	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.840%
50) Toluene-d8	8.653	98	437173	49.804	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.600%
62) 4-Bromofluorobenzene	11.079	95	144935	44.222	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.440%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	447	Below Cal	#	28
6) Chloroethane	1.660	64	595	2.859	ug/l #	43
11) Tert butyl alcohol	2.959	59	2815	4.318	ug/l	95
13) Acrolein	2.215	56	119	Below Cal	#	1
16) Acetone	2.380	43	2016	1.723	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	6183	0.806	ug/l	99
31) Cyclohexane	5.562	56	4902	1.269	ug/l #	39
36) 1,1-Dichloropropene	5.562	75	16577	4.615	ug/l #	50
38) Carbon Tetrachloride	5.556	117	20729	5.405	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	81571	23.924	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	81571	67.381	ug/l #	15

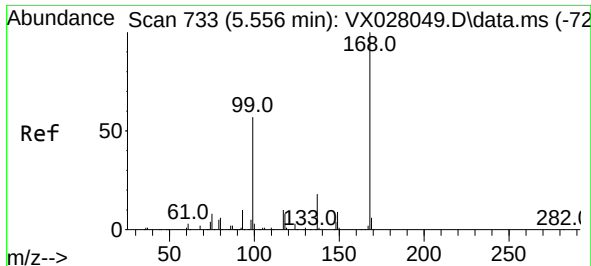
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

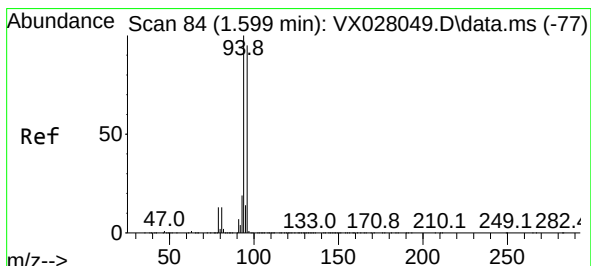
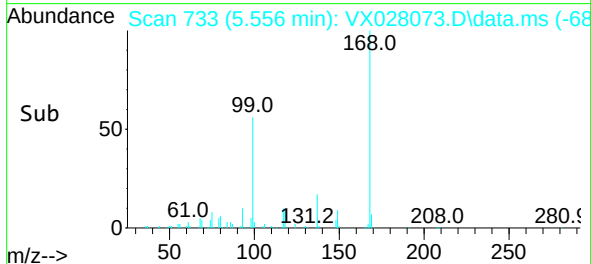
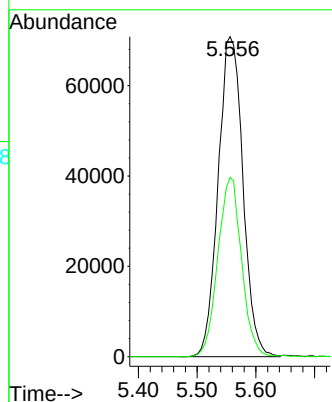
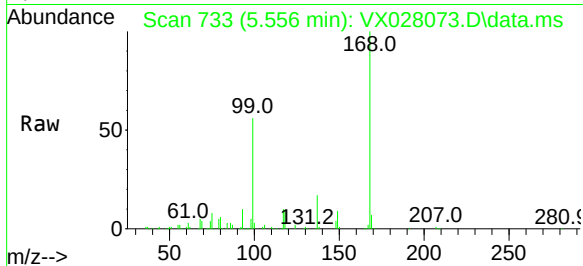




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

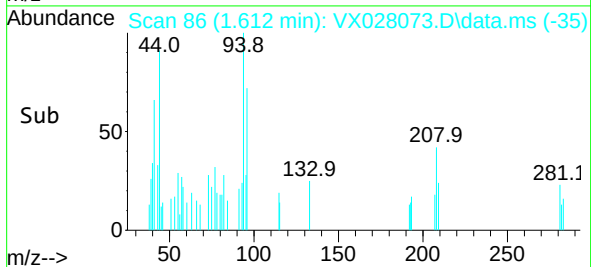
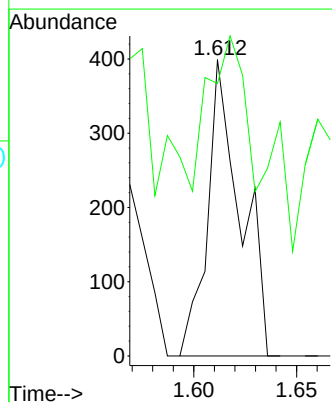
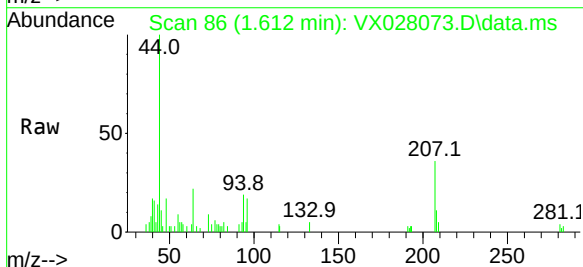
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

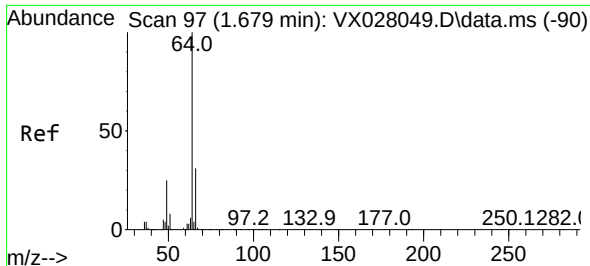
Tgt Ion:168 Resp: 207007
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 24.8 75.3 112.9#

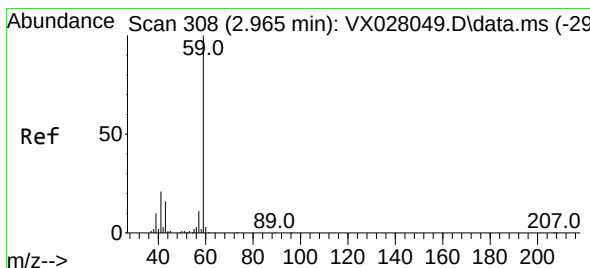
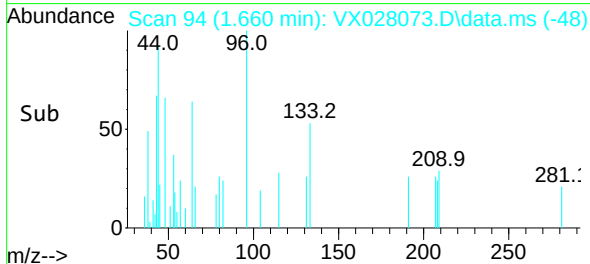
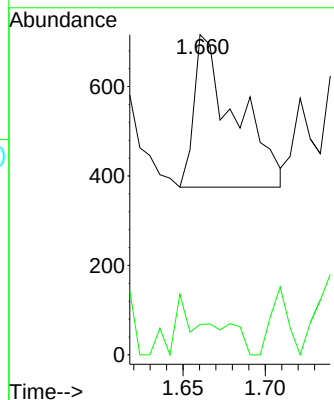
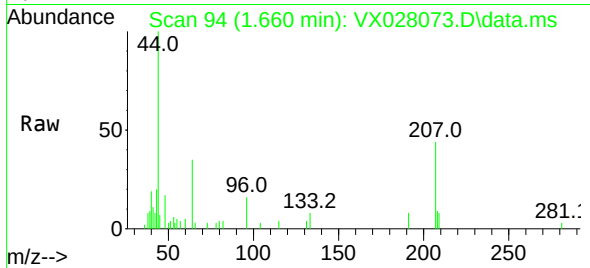




#6
 Chloroethane
 Concen: 2.859 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.019 min
 Lab File: VX028073.D
 Acq: 12 Apr 2022 21:50

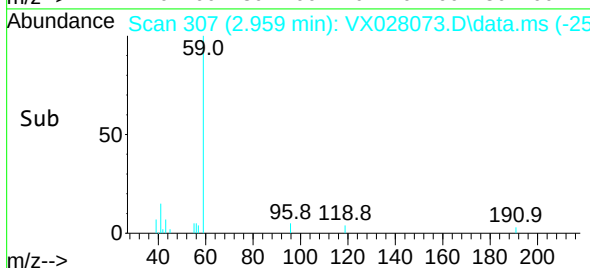
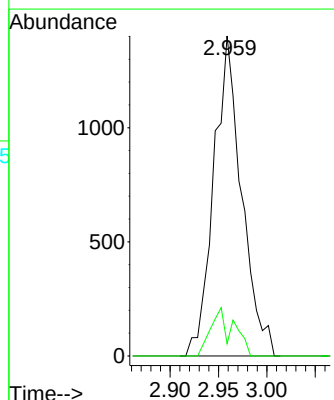
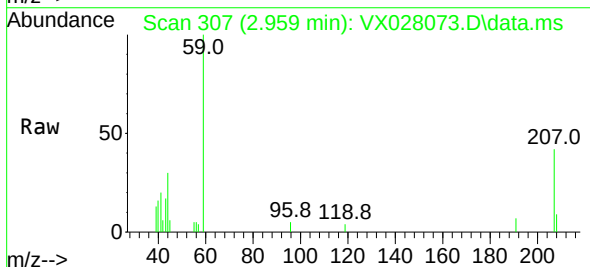
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19D

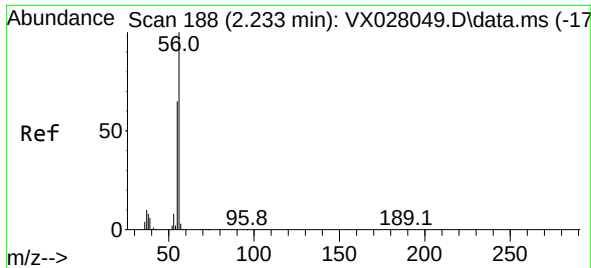
Tgt Ion: 64 Resp: 595
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.3 37.9#



#11
 Tert butyl alcohol
 Concen: 4.318 ug/l
 RT: 2.959 min Scan# 307
 Delta R.T. -0.006 min
 Lab File: VX028073.D
 Acq: 12 Apr 2022 21:50

Tgt Ion: 59 Resp: 2815
 Ion Ratio Lower Upper
 59 100
 57 12.2 8.3 12.5

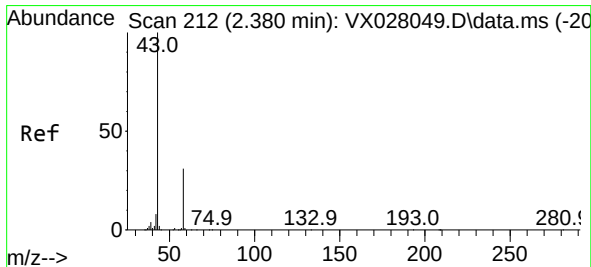
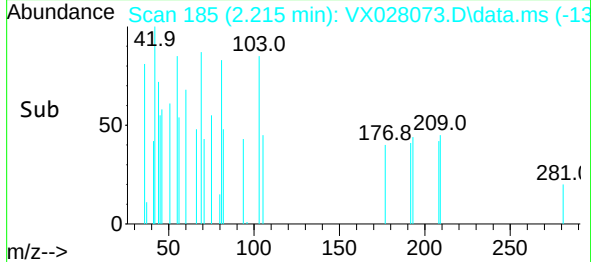
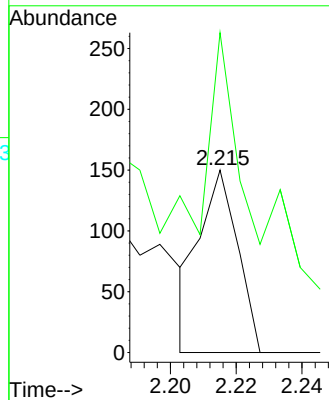
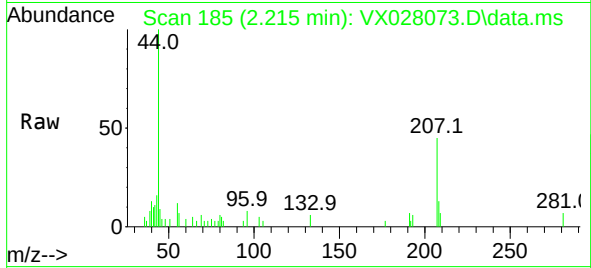




#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 119
Delta R.T. -0.018 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

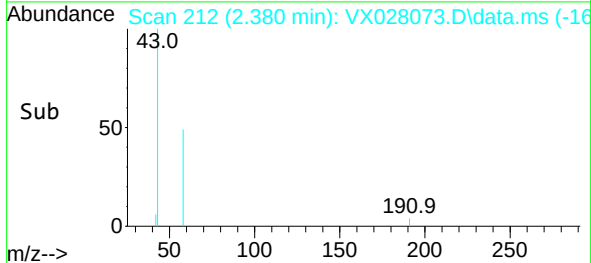
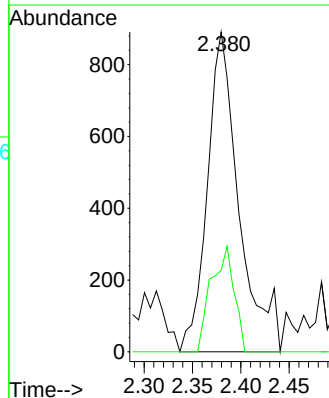
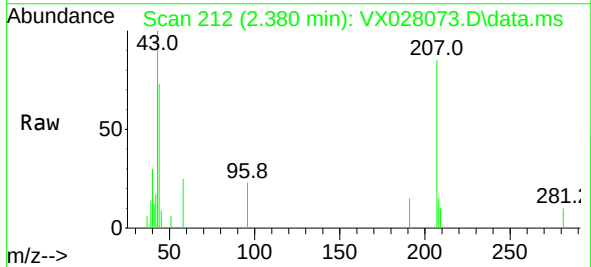
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

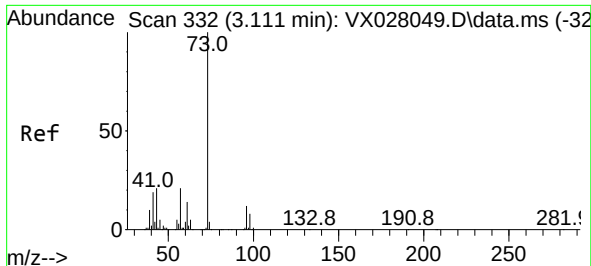
Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 300.0 55.0 82.6#



#16
Acetone
Concen: 1.723 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

Tgt Ion: 43 Resp: 2016
Ion Ratio Lower Upper
43 100
58 25.5 28.8 43.2#

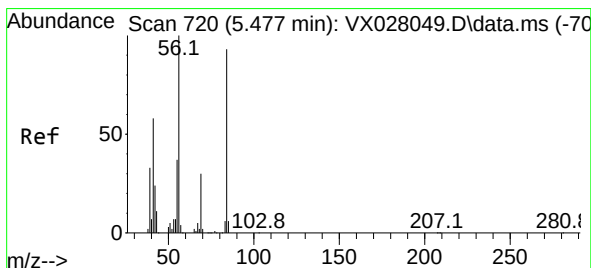
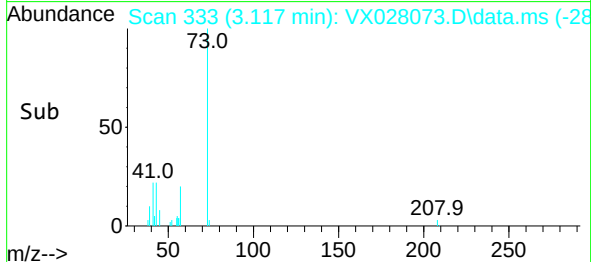
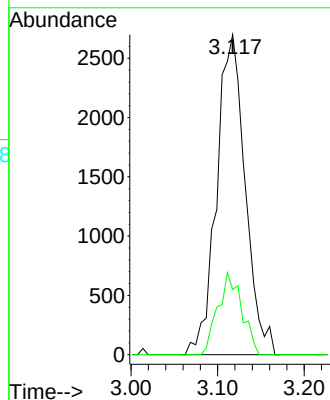
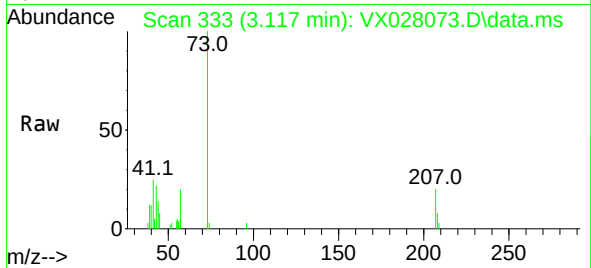




#19
Methyl tert-butyl Ether
Concen: 0.806 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

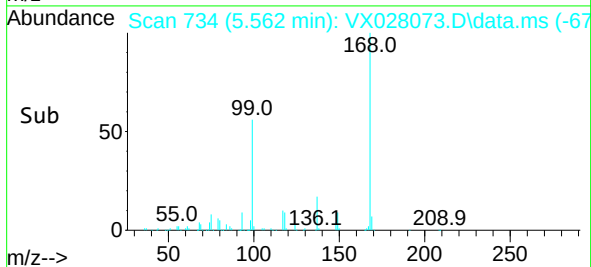
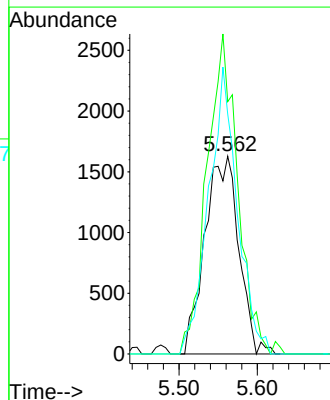
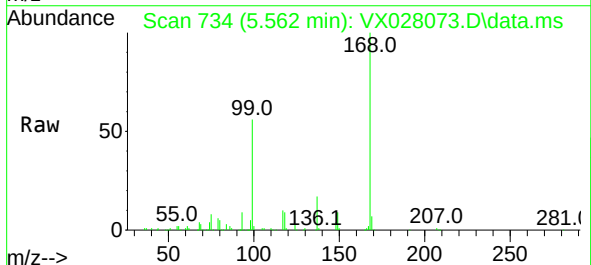
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

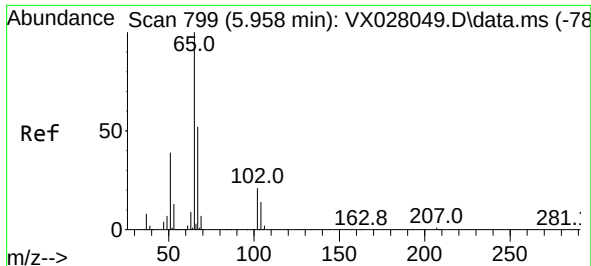
Tgt Ion: 73 Resp: 6183
Ion Ratio Lower Upper
73 100
57 20.3 16.8 25.2



#31
Cyclohexane
Concen: 1.269 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

Tgt Ion: 56 Resp: 4902
Ion Ratio Lower Upper
56 100
69 127.6 26.7 40.1#
84 121.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.179 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028073.D

Acq: 12 Apr 2022 21:50

Instrument :

MSVOA_X

ClientSampleId :

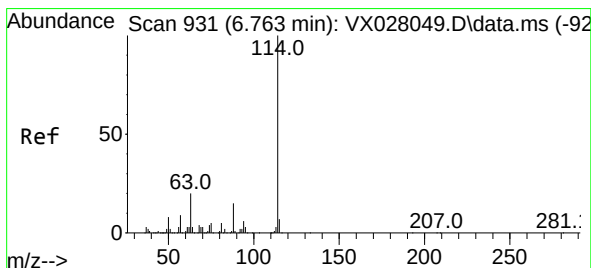
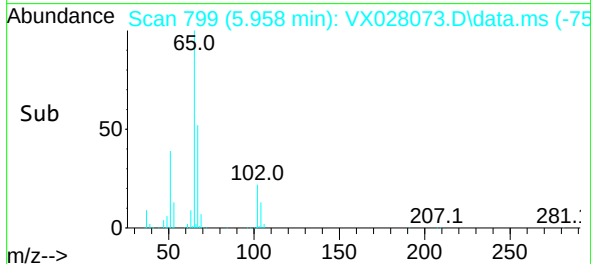
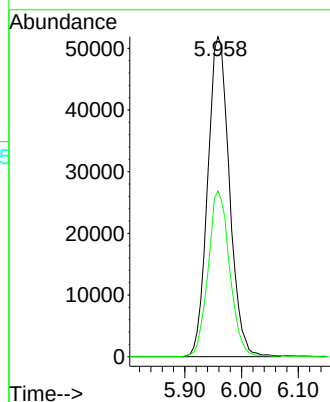
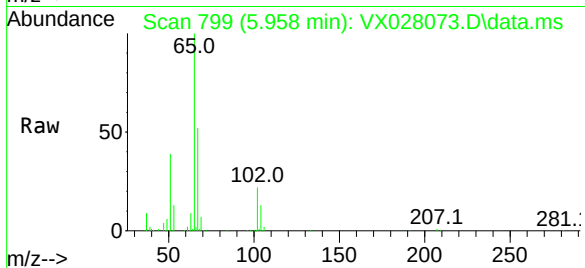
MW-19D

Tgt Ion: 65 Resp: 138115

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: VX028073.D

Acq: 12 Apr 2022 21:50

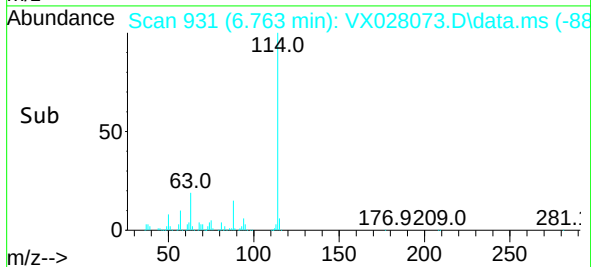
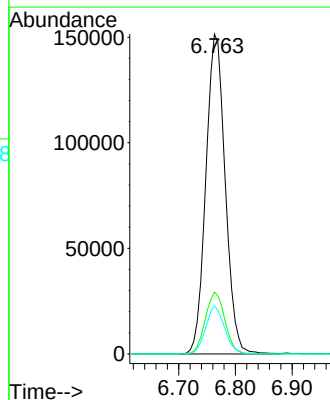
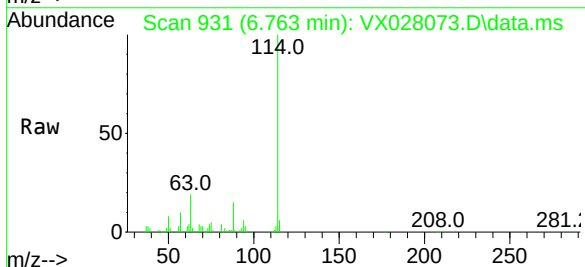
Tgt Ion: 114 Resp: 359181

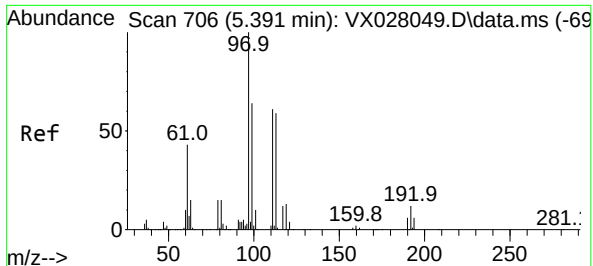
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 15.0 0.0 32.4

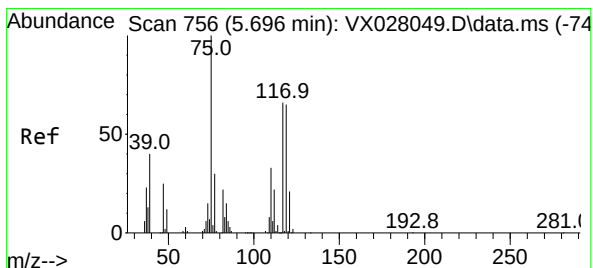
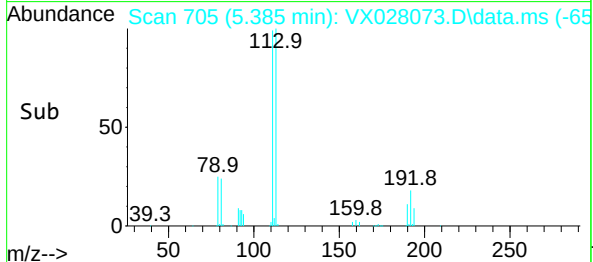
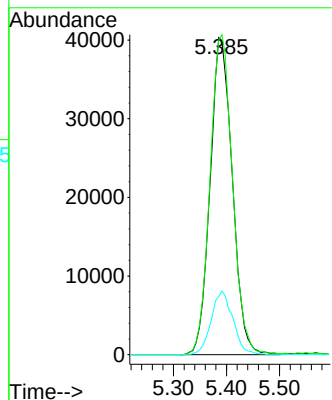
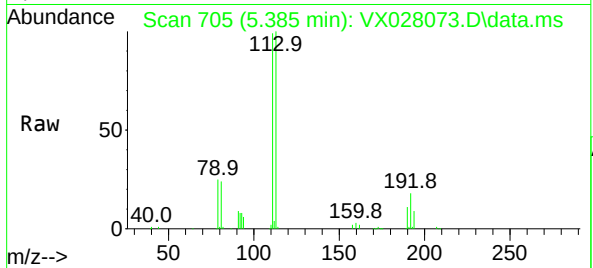




#35
Dibromofluoromethane
Concen: 49.923 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

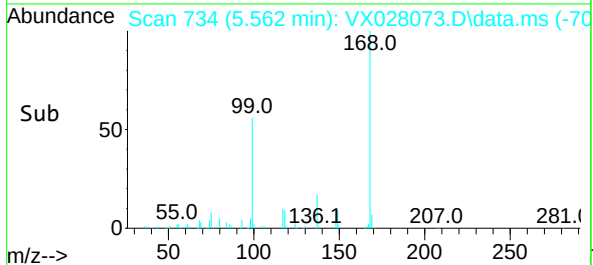
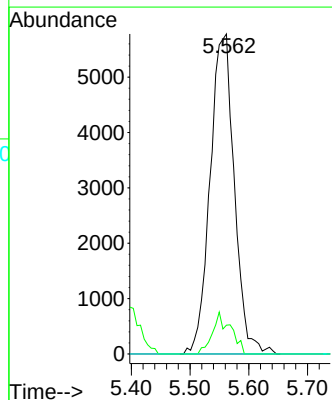
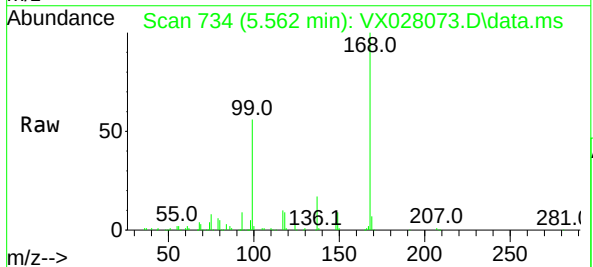
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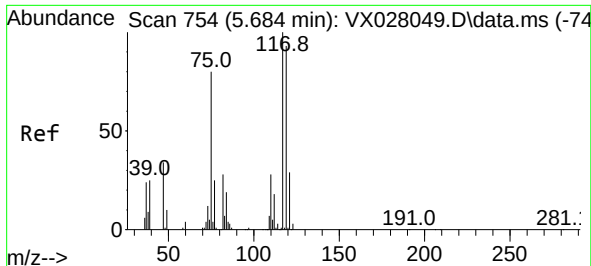
Tgt Ion:113 Resp: 117499
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.615 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

Tgt Ion: 75 Resp: 16577
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#

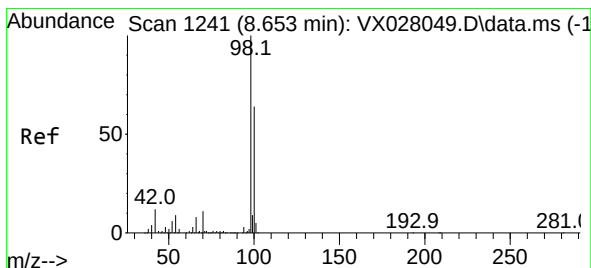
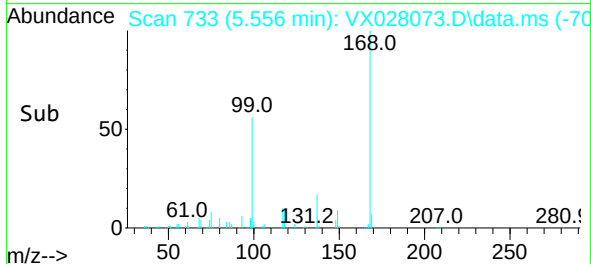
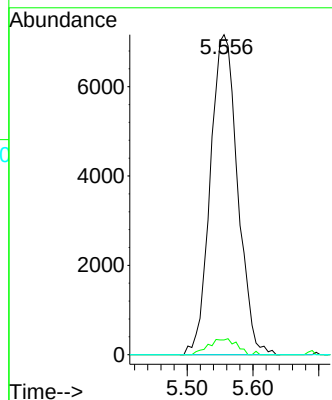
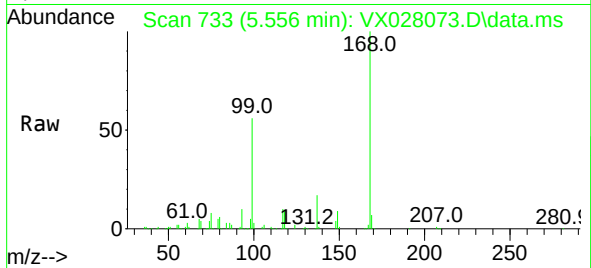




#38
Carbon Tetrachloride
Concen: 5.405 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

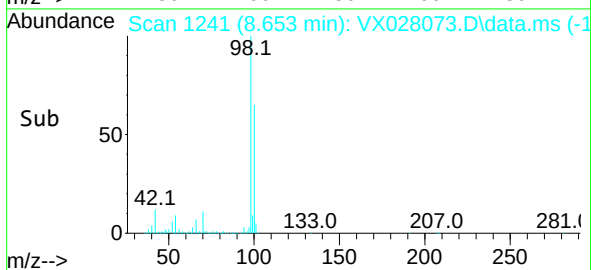
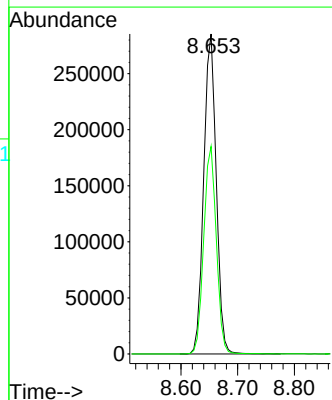
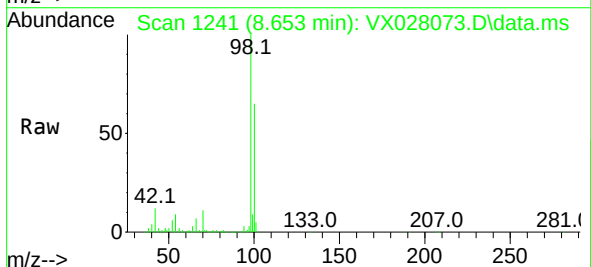
Instrument :
MSVOA_X
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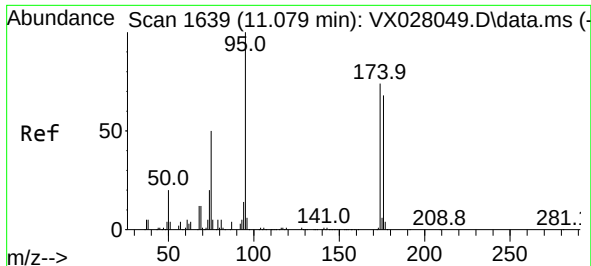
Tgt Ion:117 Resp: 20729
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.804 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

Tgt Ion: 98 Resp: 437173
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

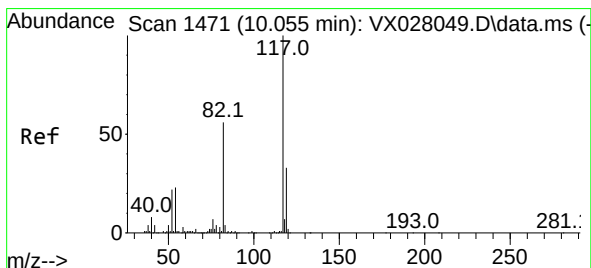
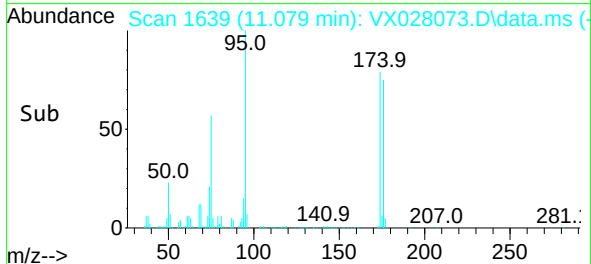
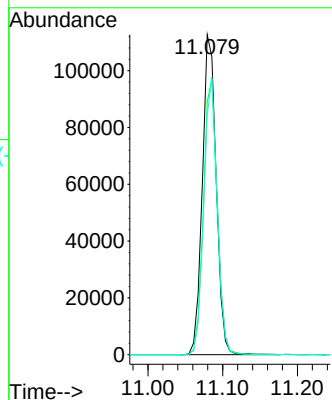
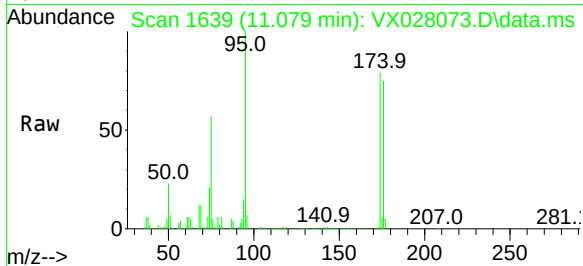




#62
4-Bromofluorobenzene
Concen: 44.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

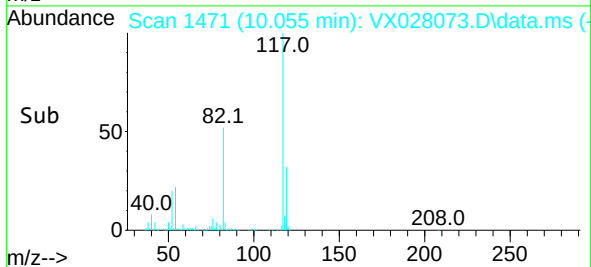
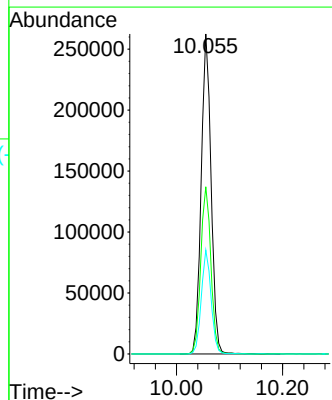
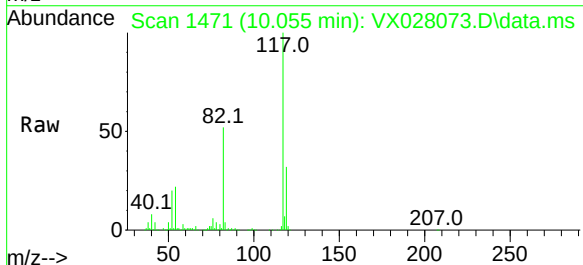
Instrument :
MSVOA_X
ClientSampleId :
MW-19D

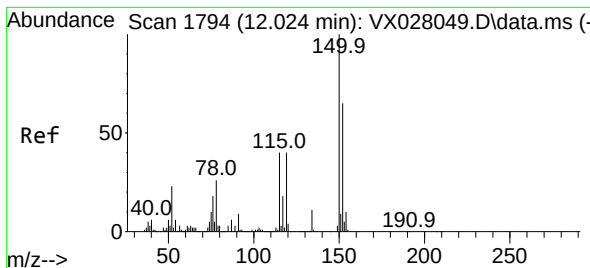
Tgt Ion: 95 Resp: 144935
Ion Ratio Lower Upper
95 100
174 86.4 0.0 163.0
176 83.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028073.D
Acq: 12 Apr 2022 21:50

Tgt Ion: 117 Resp: 338855
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.4 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: VX028073.D

Acq: 12 Apr 2022 21:50

Instrument :

MSVOA_X

ClientSampleId :

MW-19D

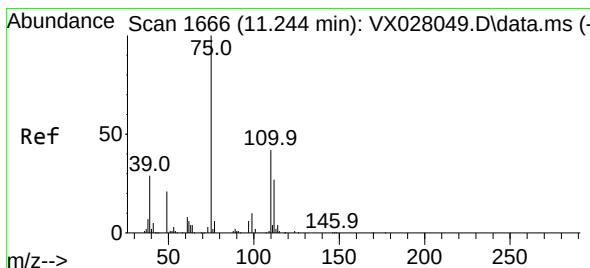
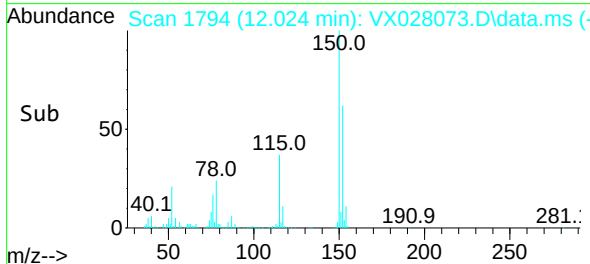
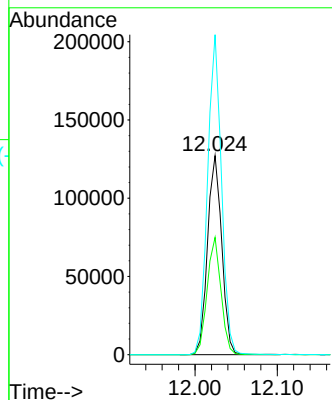
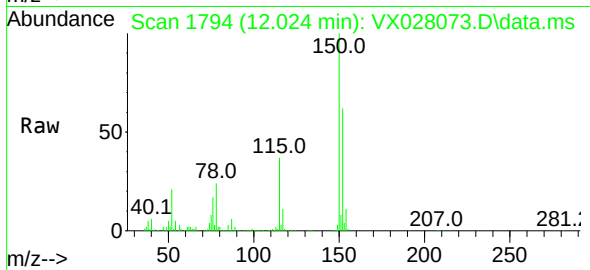
Tgt Ion:152 Resp: 153156

Ion Ratio Lower Upper

152 100

115 57.4 37.5 112.7

150 156.4 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 23.924 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX028073.D

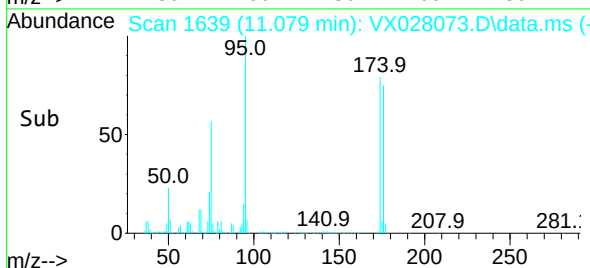
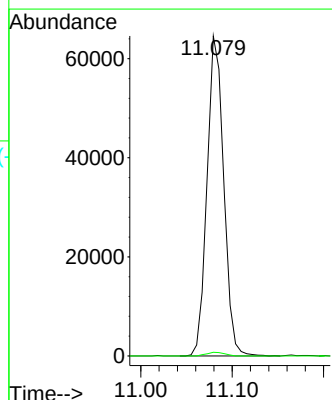
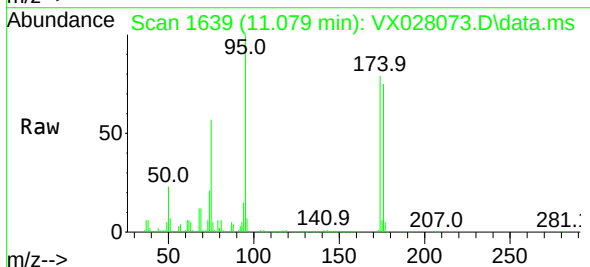
Acq: 12 Apr 2022 21:50

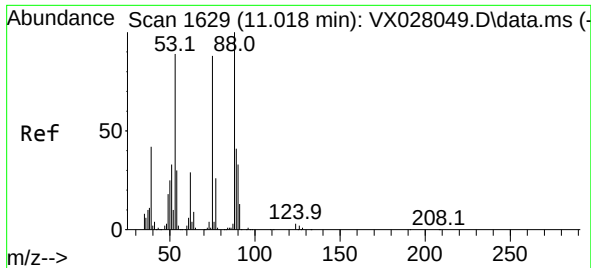
Tgt Ion: 75 Resp: 81571

Ion Ratio Lower Upper

75 100

77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.381 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028073.D
 Acq: 12 Apr 2022 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19D

Tgt Ion: 75 Resp: 81571
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

