

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027588.D
 Acq On : 21 Mar 2022 16:01
 Operator : JC/MD
 Sample : N1998-04DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-130DL

Quant Time: Mar 22 05:47:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

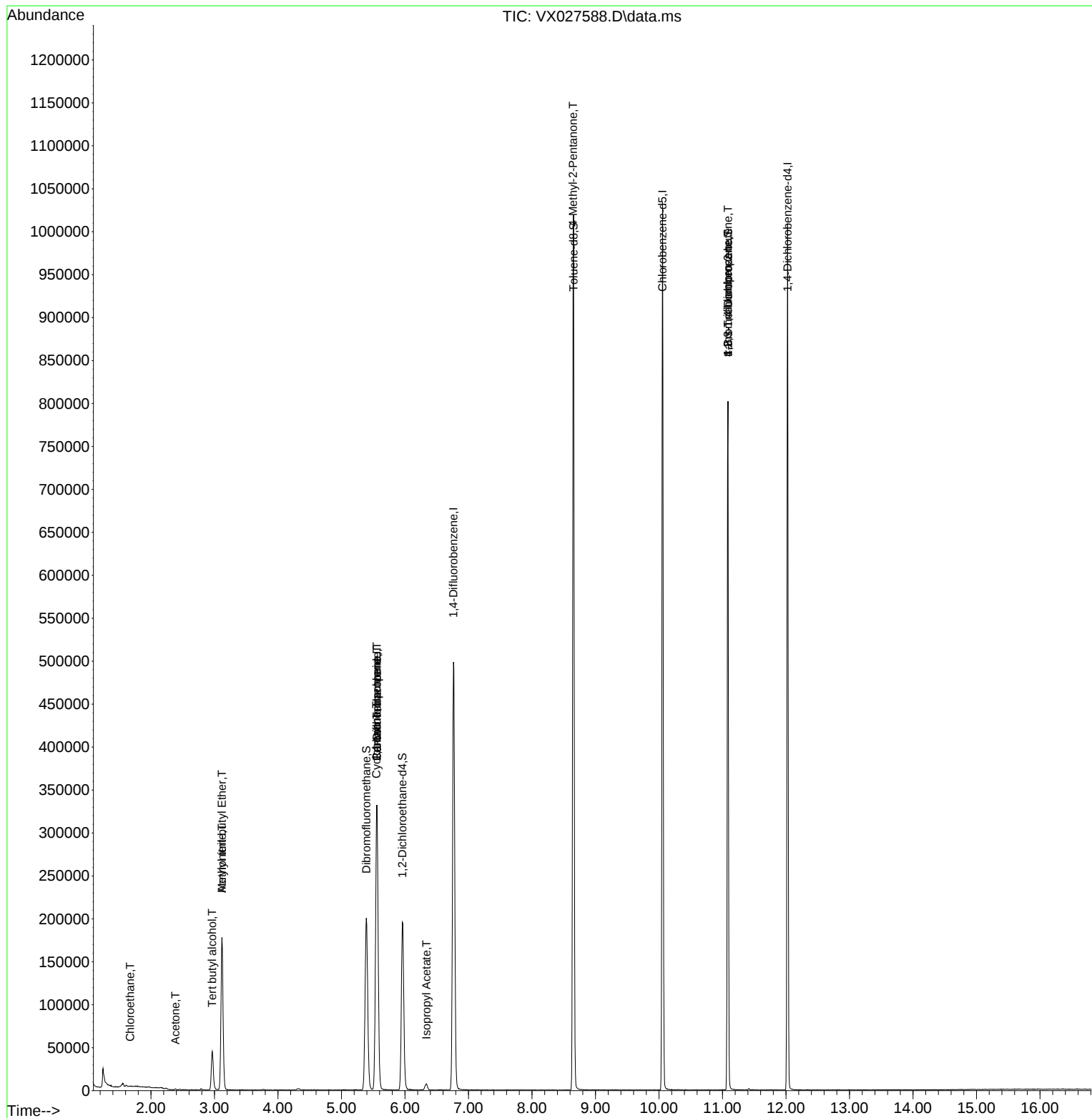
Internal Standards						
1) Pentafluorobenzene	5.556	168	329712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	542523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193731	47.697	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.400%		
35) Dibromofluoromethane	5.391	113	178039	51.007	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.020%		
50) Toluene-d8	8.653	98	629619	47.668	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.085	95	218623	45.032	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.060%		
Target Compounds						
5) Bromomethane	1.612	94	756	Below Cal		89
6) Chloroethane	1.673	64	848	0.426 ug/l #		69
11) Tert butyl alcohol	2.965	59	51685	66.769 ug/l		99
15) Acrylonitrile	3.117	53	2119	1.204 ug/l #		36
16) Acetone	2.386	43	938	0.567 ug/l		95
19) Methyl tert-butyl Ether	3.117	73	201076	19.466 ug/l		98
31) Cyclohexane	5.550	56	5562	1.103 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	22728	4.765 ug/l #		50
38) Carbon Tetrachloride	5.556	117	31799	5.827 ug/l #		16
43) Isopropyl Acetate	6.336	43	2535	0.331 ug/l #		17
51) 4-Methyl-2-Pentanone	8.647	43	2221	0.455 ug/l #		1
76) 1,2,3-Trichloropropane	11.085	75	104267	22.989 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.085	75	104267	69.817 ug/l #		15

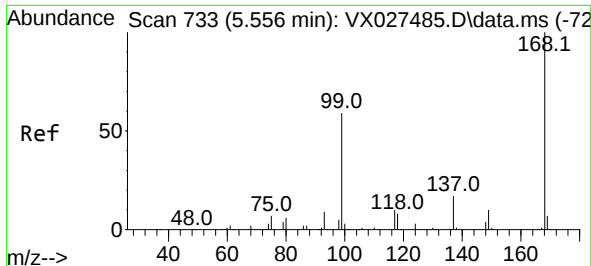
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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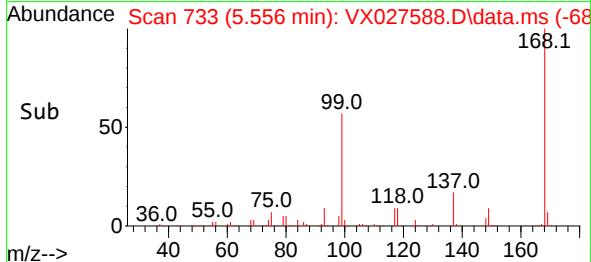
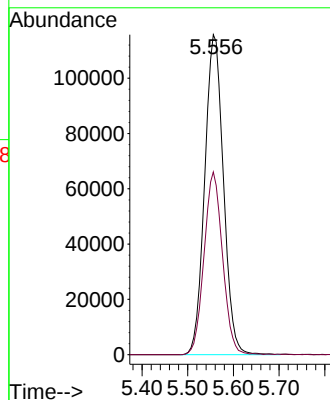
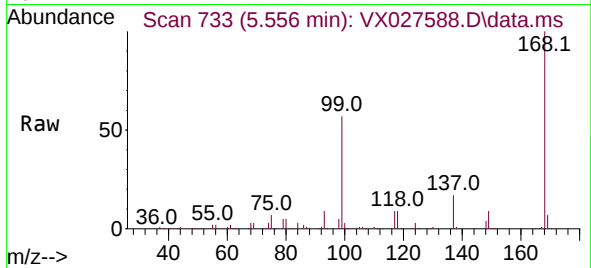




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

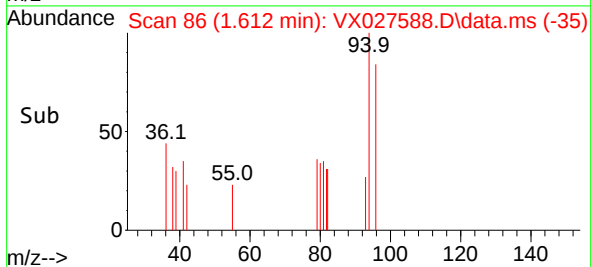
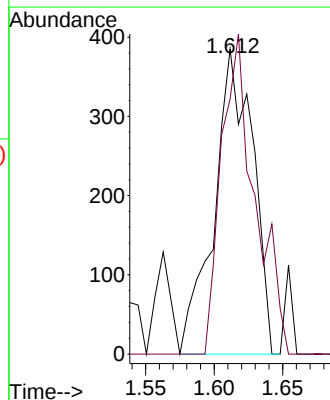
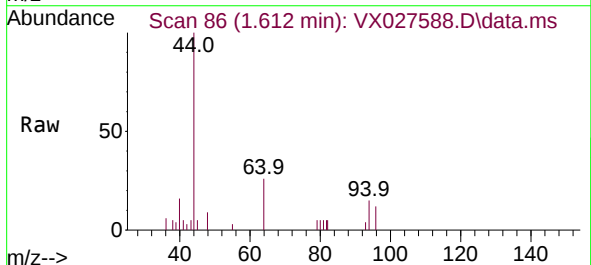
Instrument :
MSVOA_X
ClientSampleId :
MW-130DL

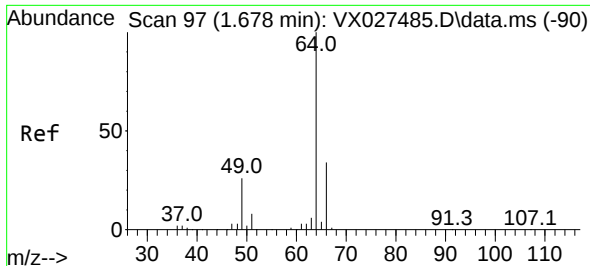
Tgt Ion:168 Resp: 329712
Ion Ratio Lower Upper
168 100
99 57.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

Tgt Ion: 94 Resp: 756
Ion Ratio Lower Upper
94 100
96 83.6 75.3 112.9

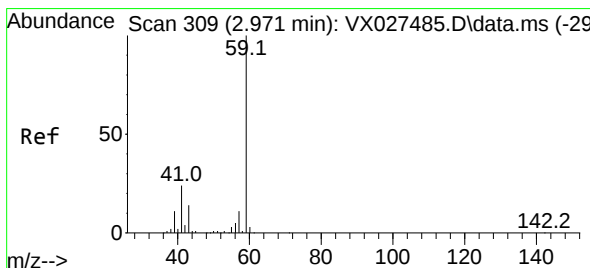
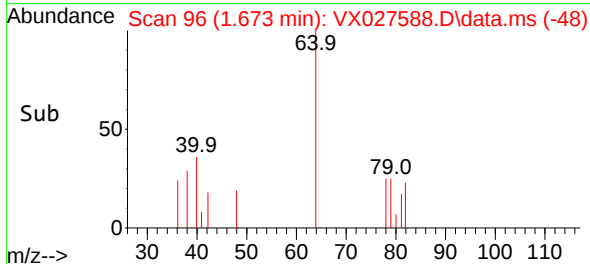
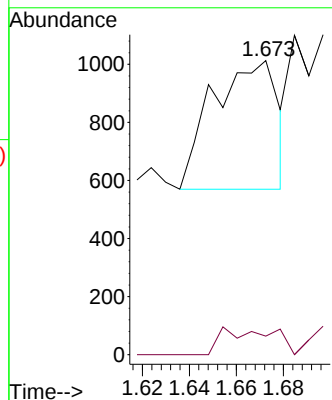
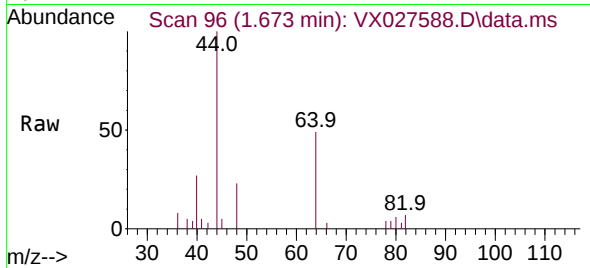




#6
Chloroethane
Concen: 0.426 ug/l
RT: 1.673 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

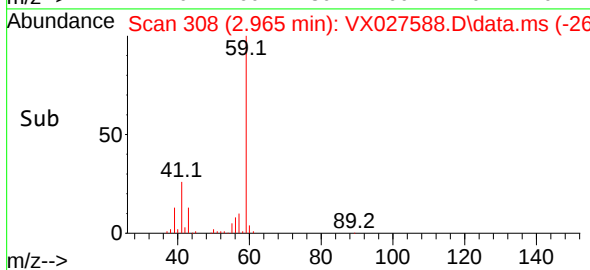
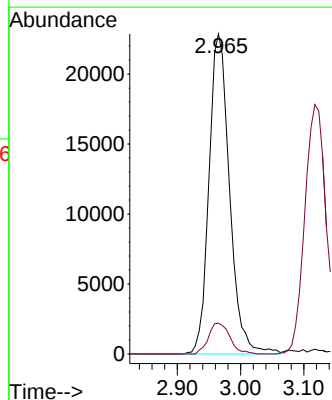
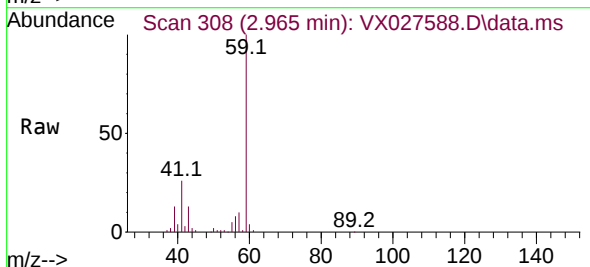
Instrument :
MSVOA_X
ClientSampleId :
MW-130DL

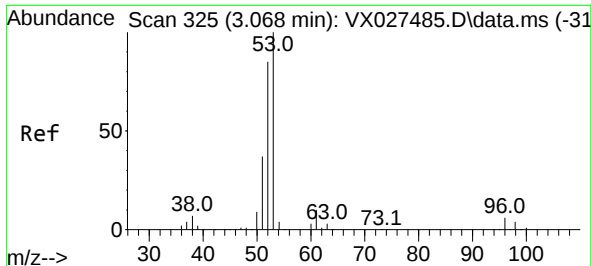
Tgt Ion: 64 Resp: 848
Ion Ratio Lower Upper
64 100
66 14.4 25.3 37.9#



#11
Tert butyl alcohol
Concen: 66.769 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

Tgt Ion: 59 Resp: 51685
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5





#15

Acrylonitrile

Concen: 1.204 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX027588.D

Acq: 21 Mar 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

MW-130DL

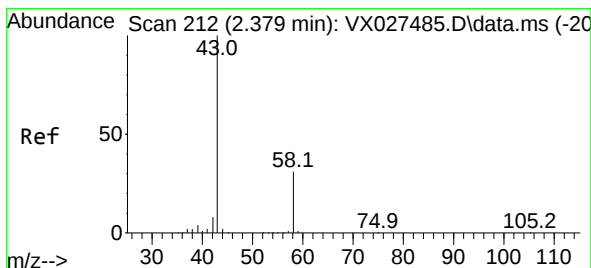
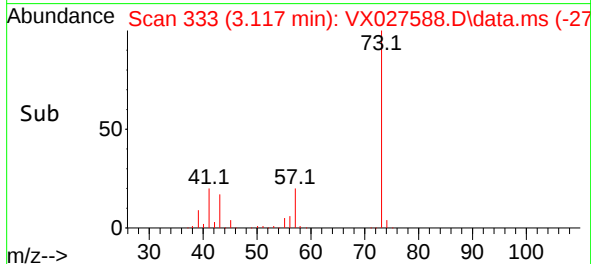
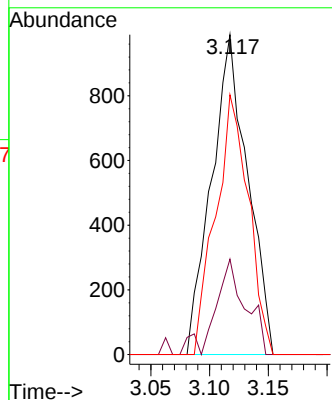
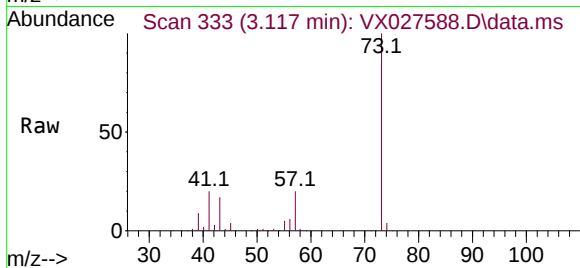
Tgt Ion: 53 Resp: 2119

Ion Ratio Lower Upper

53 100

52 25.1 65.7 98.5#

51 73.9 28.4 42.6#



#16

Acetone

Concen: 0.567 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027588.D

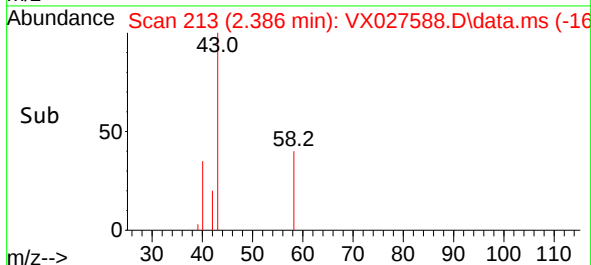
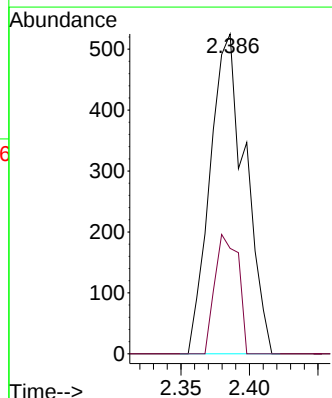
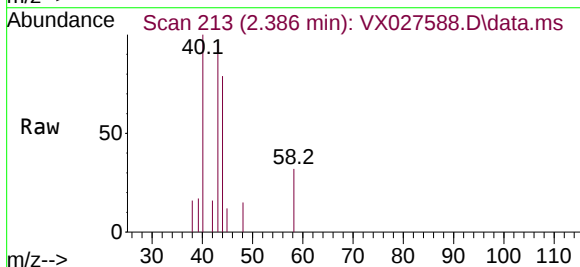
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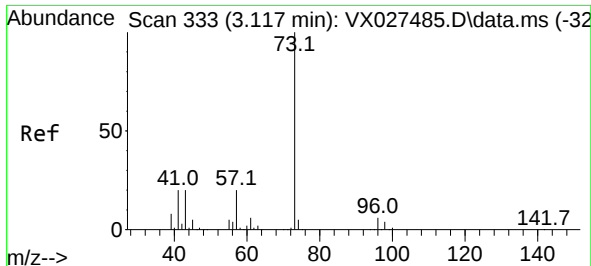
Tgt Ion: 43 Resp: 938

Ion Ratio Lower Upper

43 100

58 33.0 28.8 43.2

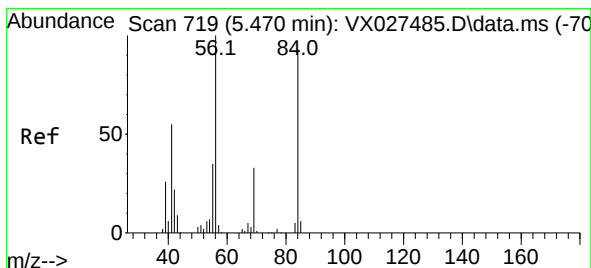
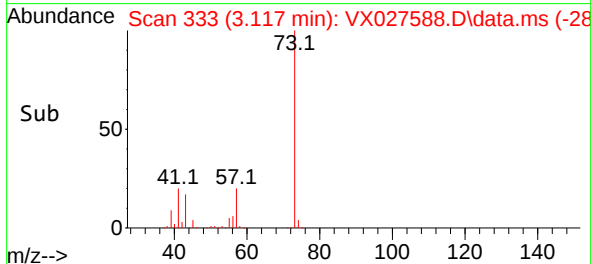
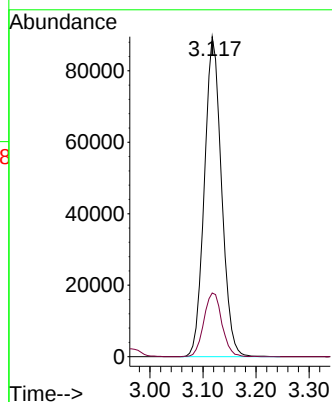
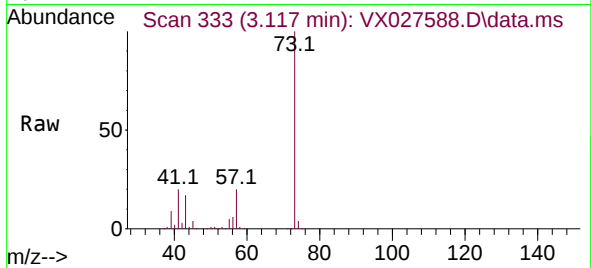




#19
Methyl tert-butyl Ether
Concen: 19.466 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

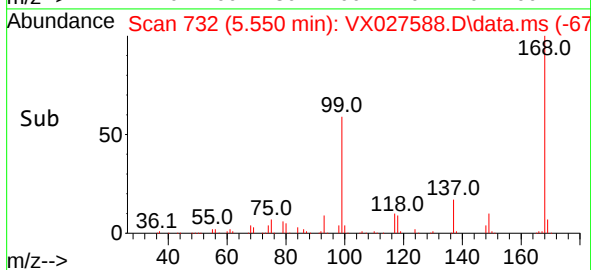
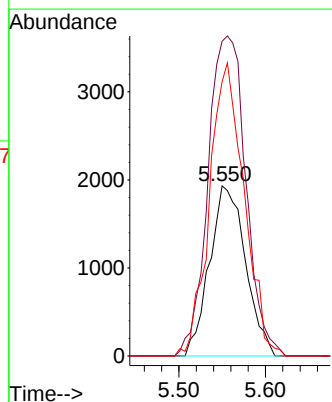
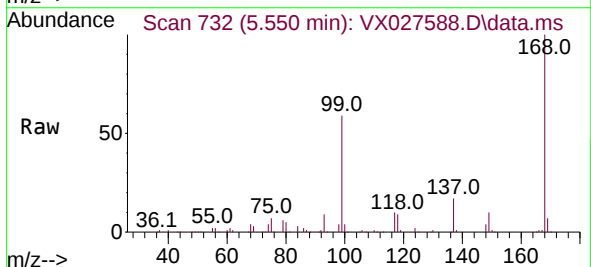
Instrument :
MSVOA_X
ClientSampleId :
MW-130DL

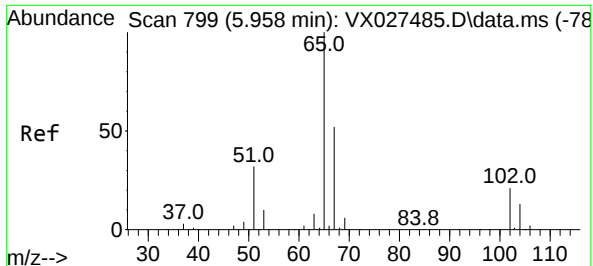
Tgt Ion: 73 Resp: 201076
Ion Ratio Lower Upper
73 100
57 19.9 16.8 25.2



#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

Tgt Ion: 56 Resp: 5562
Ion Ratio Lower Upper
56 100
69 182.1 26.7 40.1#
84 157.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 47.697 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027588.D

Acq: 21 Mar 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

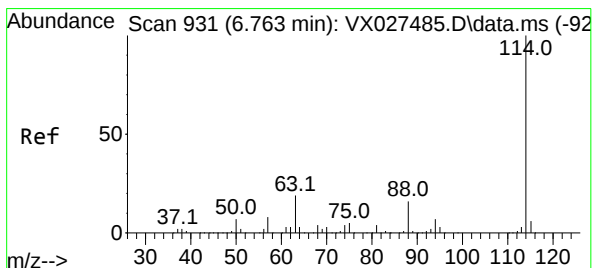
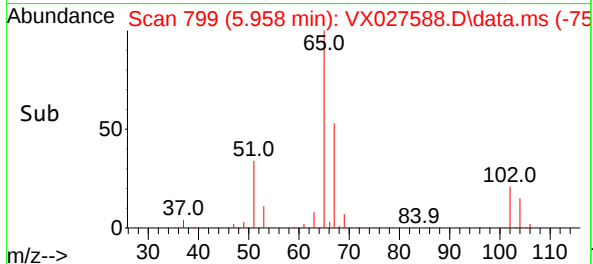
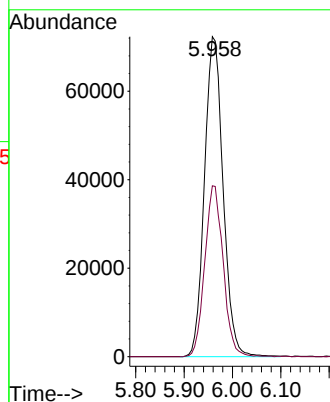
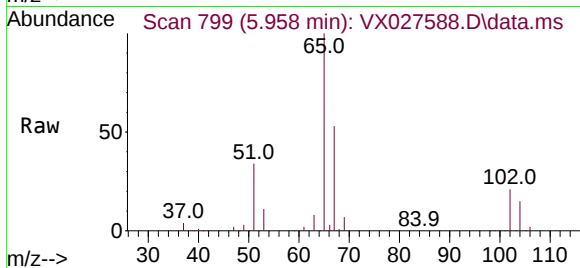
MW-130DL

Tgt Ion: 65 Resp: 193731

Ion Ratio Lower Upper

65 100

67 52.8 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: VX027588.D

Acq: 21 Mar 2022 16:01

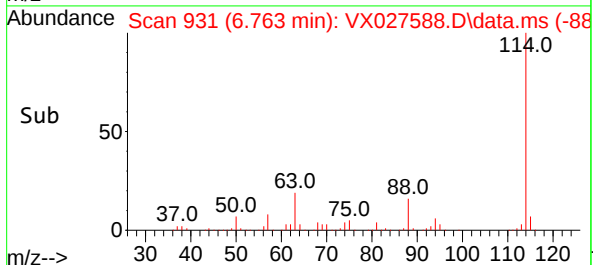
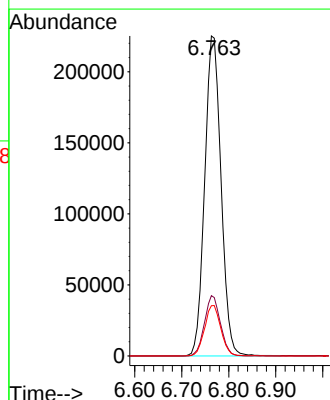
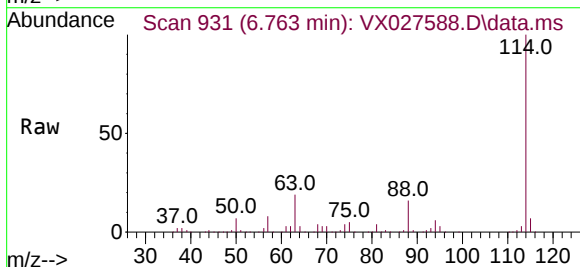
Tgt Ion: 114 Resp: 542523

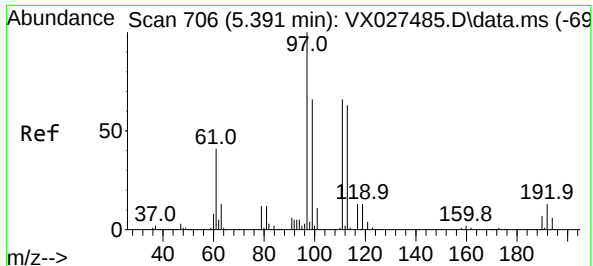
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.007 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027588.D

Acq: 21 Mar 2022 16:01

Instrument :

MSVOA_X

ClientSampleId :

MW-130DL

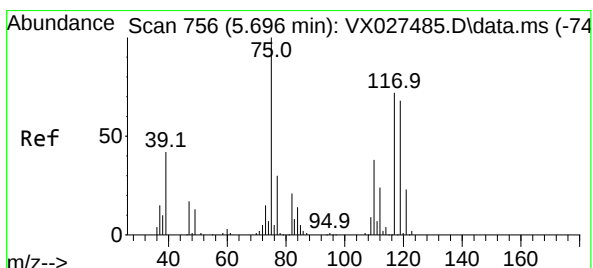
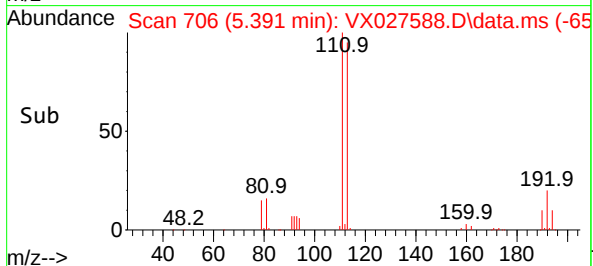
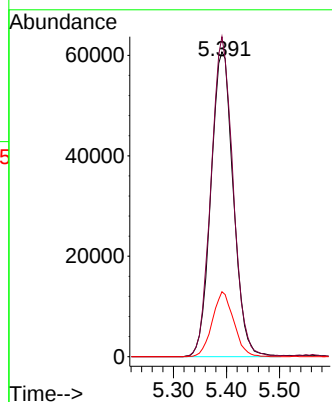
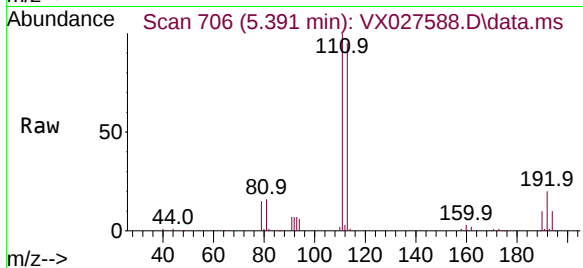
Tgt Ion:113 Resp: 178039

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 20.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.765 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027588.D

Acq: 21 Mar 2022 16:01

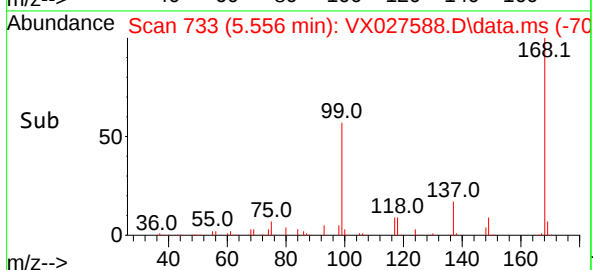
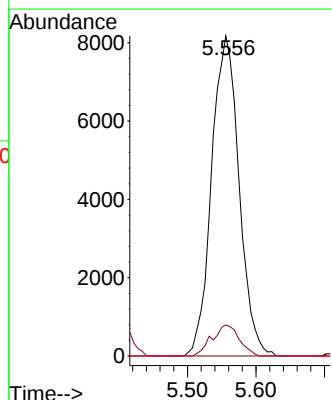
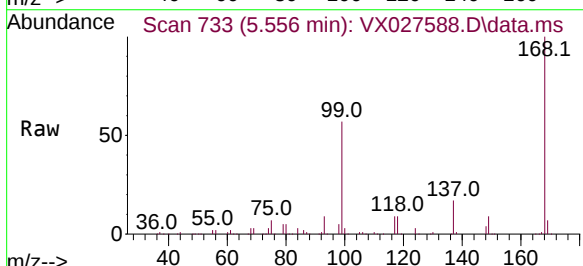
Tgt Ion: 75 Resp: 22728

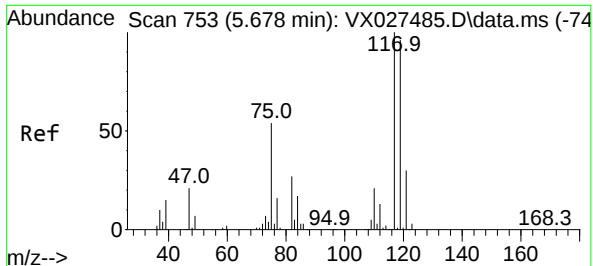
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

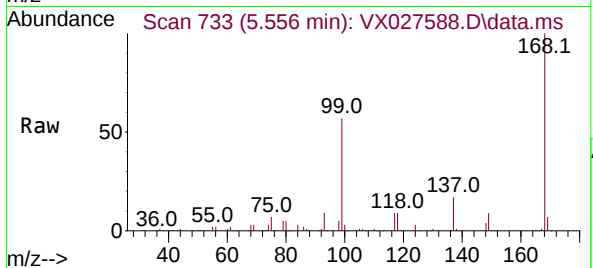
77 0.0 24.8 37.2#



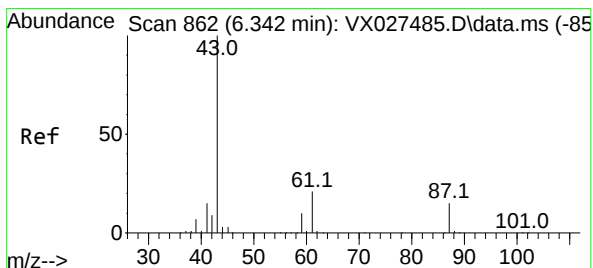
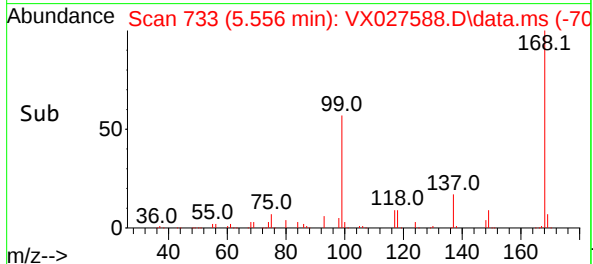
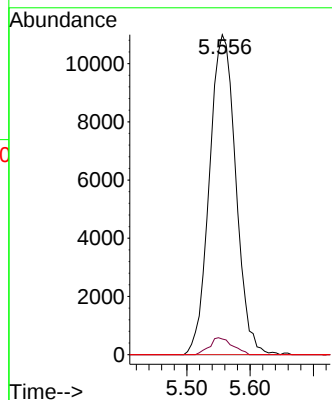


#38
Carbon Tetrachloride
Concen: 5.827 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

Instrument :
MSVOA_X
ClientSampleId :
MW-130DL

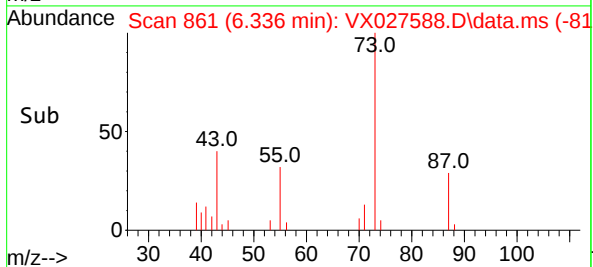
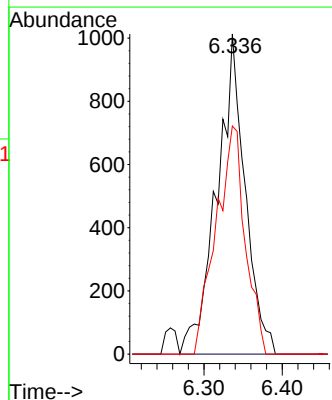
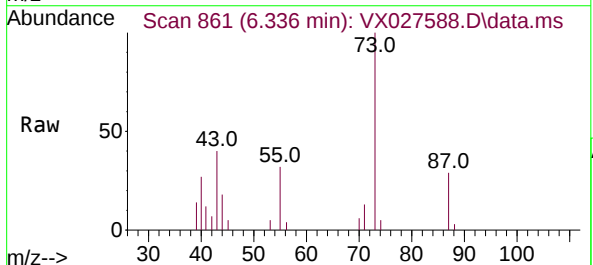


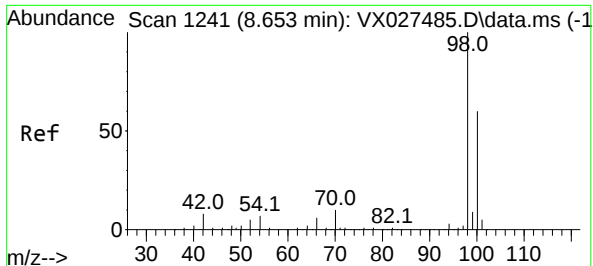
Tgt Ion:117 Resp: 31799
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.331 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

Tgt Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 73.5 13.0 19.6#

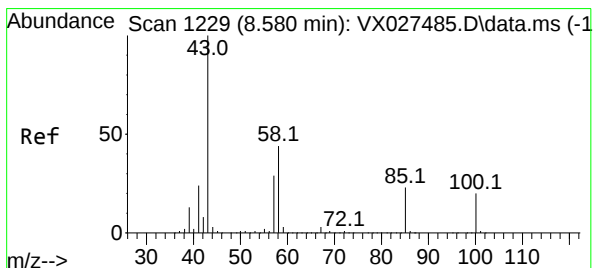
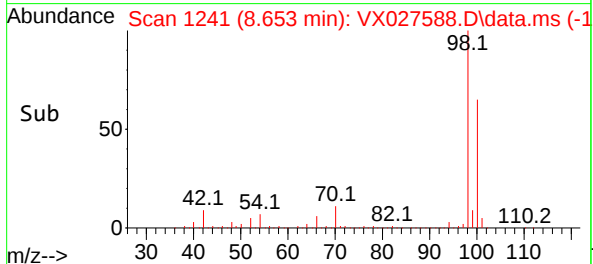
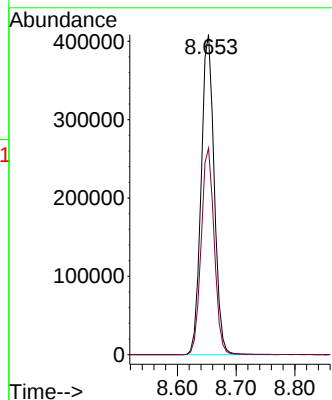
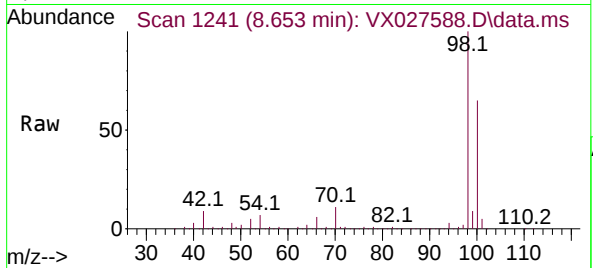




#50
Toluene-d8
Concen: 47.668 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

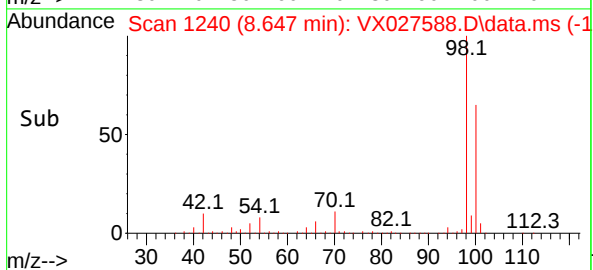
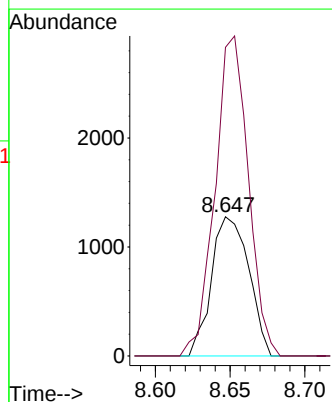
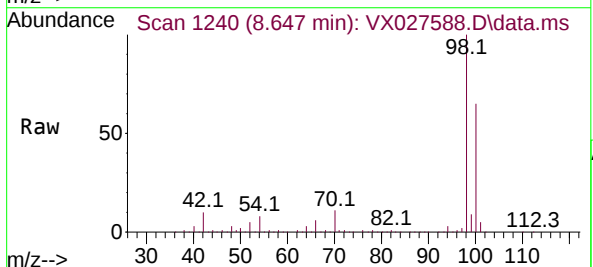
Instrument :
MSVOA_X
ClientSampleId :
MW-130DL

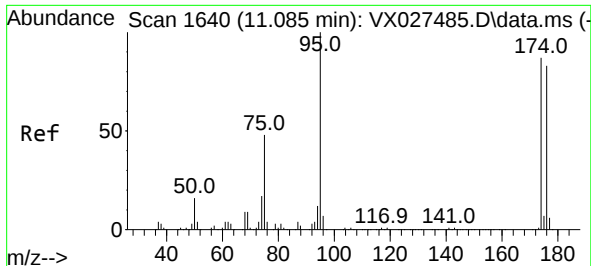
Tgt Ion: 98 Resp: 629619
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.455 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

Tgt Ion: 43 Resp: 2221
Ion Ratio Lower Upper
43 100
58 205.2 36.1 54.1#

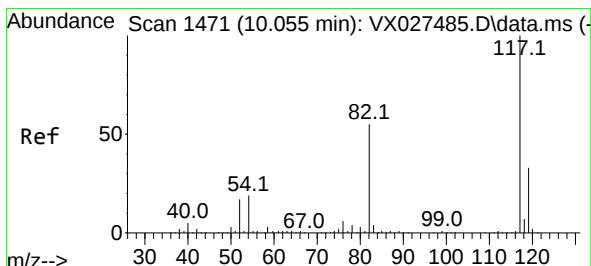
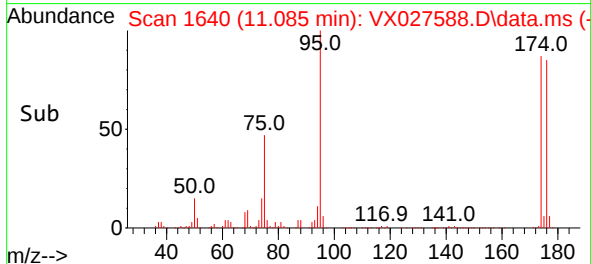
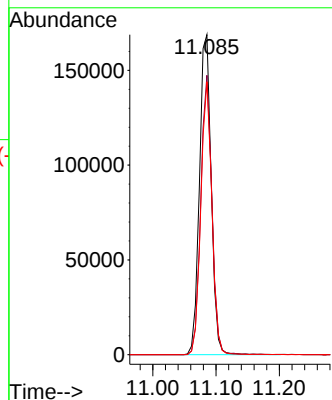
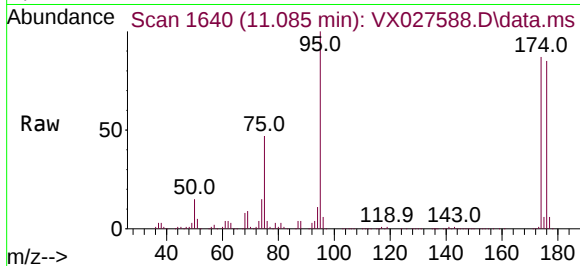




#62
4-Bromofluorobenzene
Concen: 45.032 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

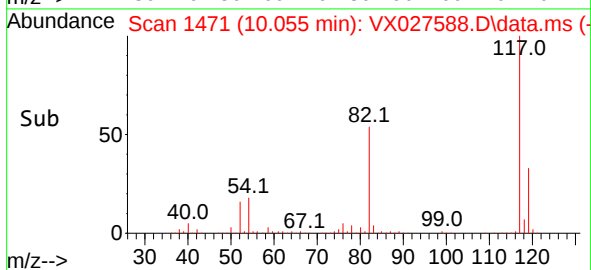
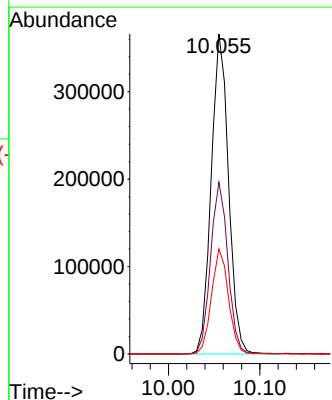
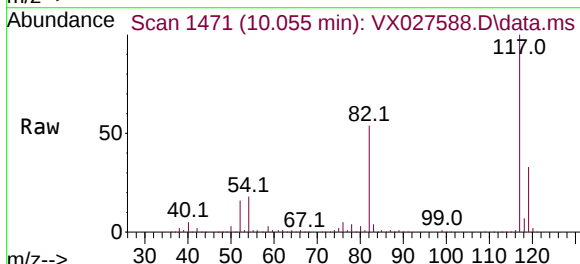
Instrument :
MSVOA_X
ClientSampleId :
MW-130DL

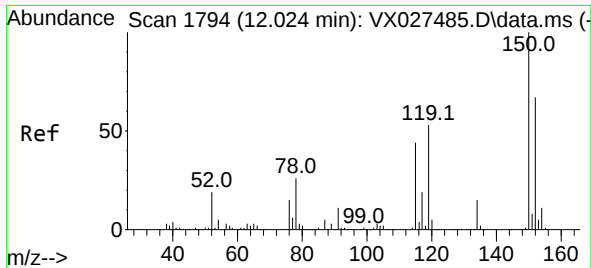
Tgt Ion: 95 Resp: 218623
Ion Ratio Lower Upper
95 100
174 83.0 0.0 163.0
176 80.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

Tgt Ion: 117 Resp: 482704
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 32.8 24.8 37.2

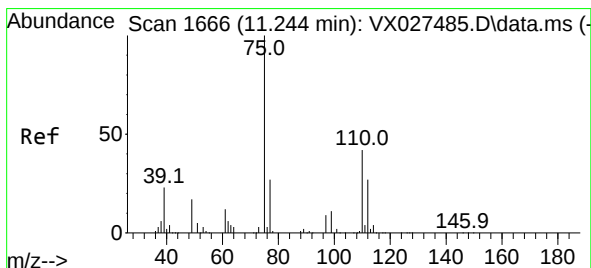
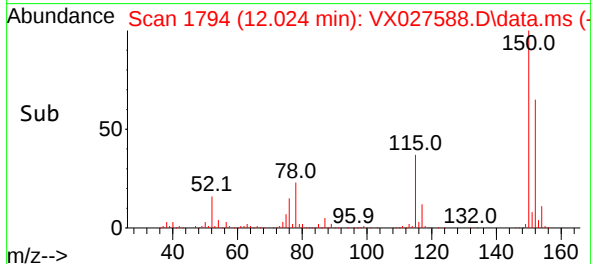
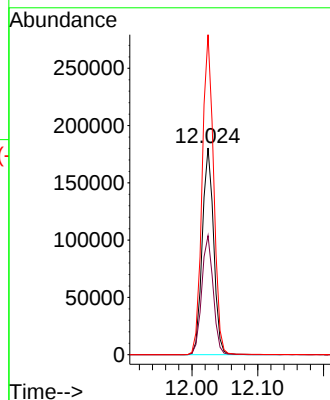
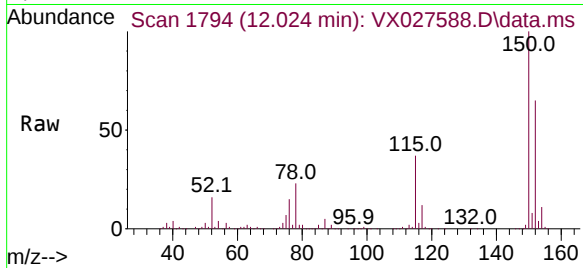




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

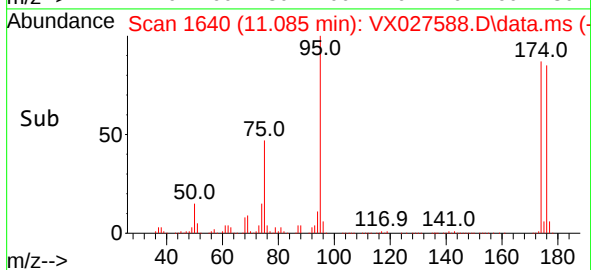
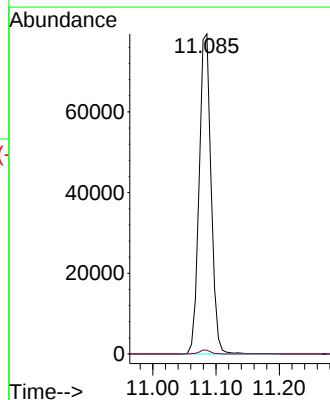
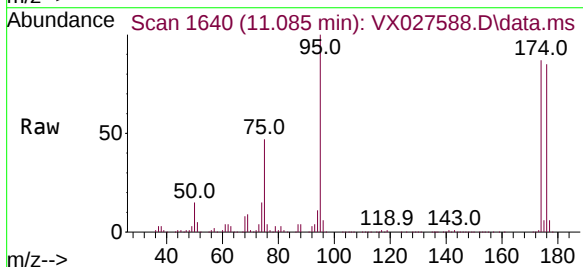
Instrument :
MSVOA_X
ClientSampleId :
MW-130DL

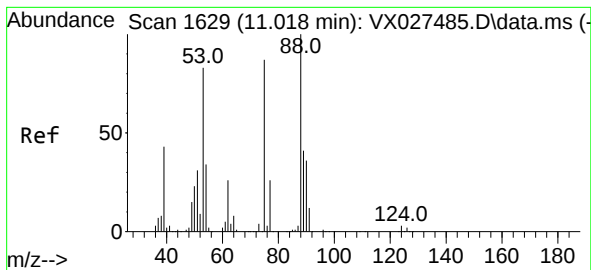
Tgt Ion:152 Resp: 216842
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 156.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.989 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027588.D
Acq: 21 Mar 2022 16:01

Tgt Ion: 75 Resp: 104267
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.817 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX027588.D
 Acq: 21 Mar 2022 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-130DL

Tgt Ion: 75 Resp: 104267
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

