

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027629.D
 Acq On : 22 Mar 2022 21:00
 Operator : JC/MD
 Sample : N2028-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118E

Quant Time: Mar 23 01:51:54 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)

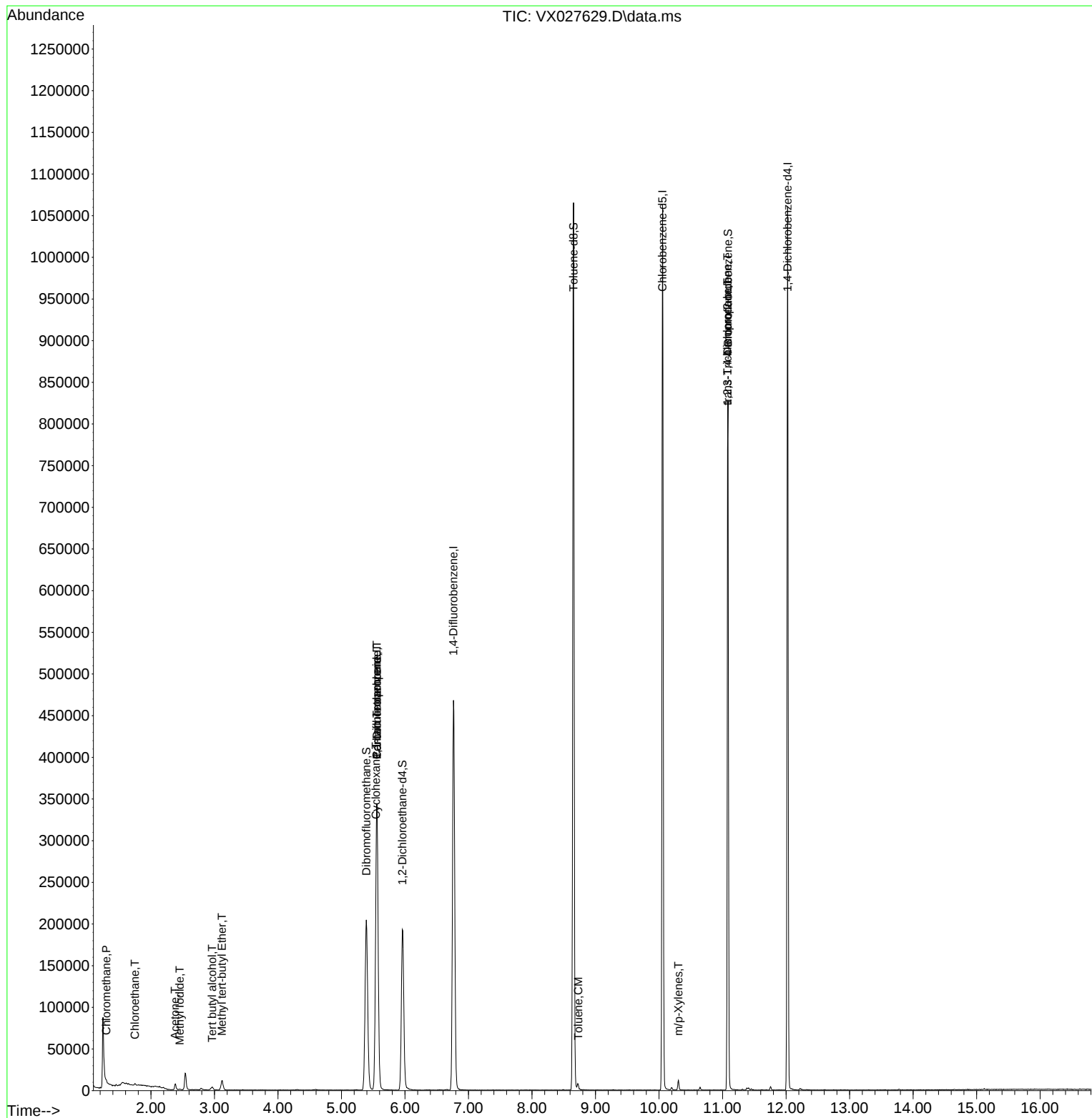
Internal Standards						
1) Pentafluorobenzene	5.556	168	347000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	537342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	503581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189190	44.258	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.520%
35) Dibromofluoromethane	5.391	113	182375	52.753	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.500%
50) Toluene-d8	8.653	98	644779	49.286	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.085	95	229359	47.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1196	0.405	ug/l #	73
5) Bromomethane	1.617	94	663	Below Cal		100
6) Chloroethane	1.745	64	841	0.401	ug/l #	43
10) Methyl Iodide	2.453	142	1027	0.231	ug/l #	85
11) Tert butyl alcohol	2.965	59	3745	4.597	ug/l	98
16) Acetone	2.380	43	6816	3.912	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	12406	1.141	ug/l	98
31) Cyclohexane	5.544	56	5557	1.047	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	22427	4.747	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33102	6.124	ug/l #	15
52) Toluene	8.726	92	2789	0.307	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.183	63	59	Below Cal	#	45
68) m/p-Xylenes	10.305	106	3059	0.438	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	108413	22.839	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	108413	69.362	ug/l #	15

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
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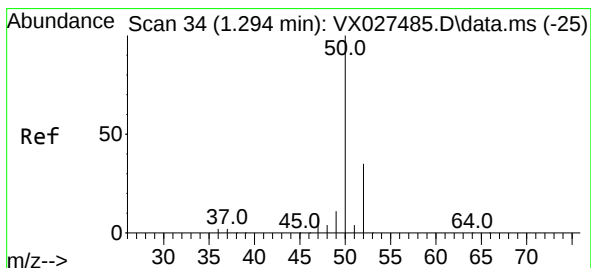
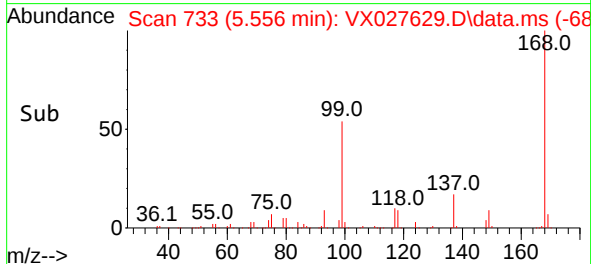
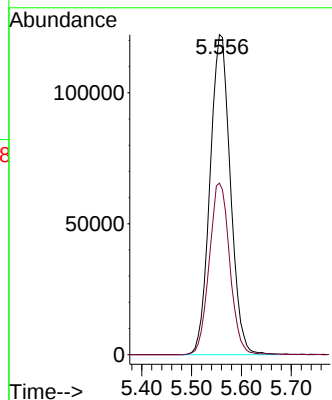
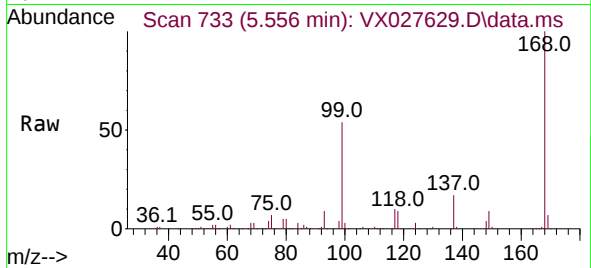




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

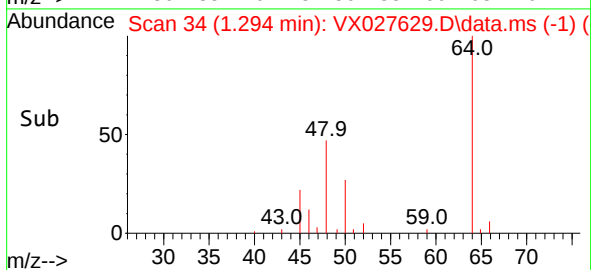
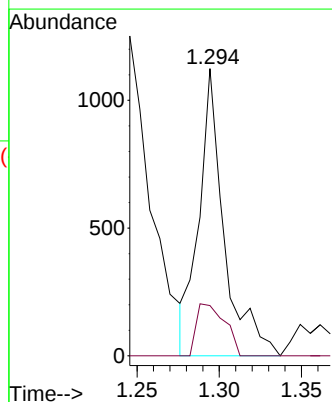
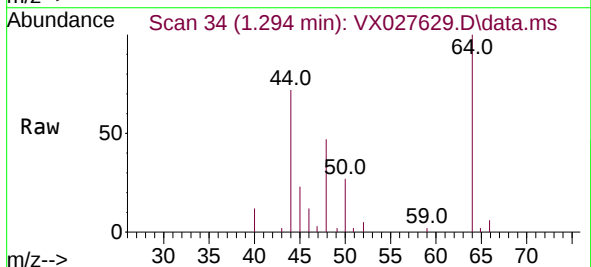
Instrument :
MSVOA_X
ClientSampleId :
MW-118E

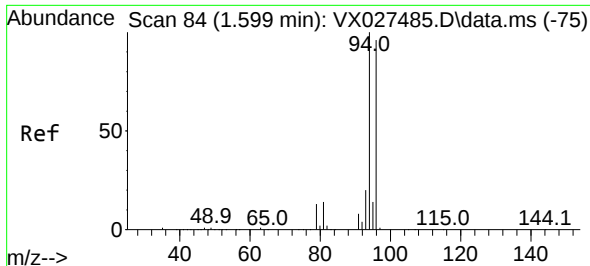
Tgt Ion:168 Resp: 347000
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#3
Chloromethane
Concen: 0.405 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 50 Resp: 1196
Ion Ratio Lower Upper
50 100
52 17.5 26.4 39.6#

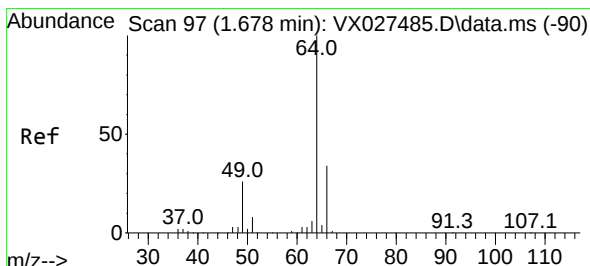
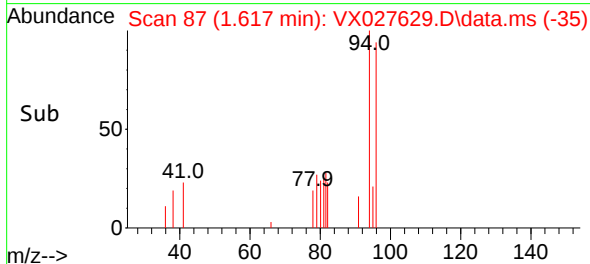
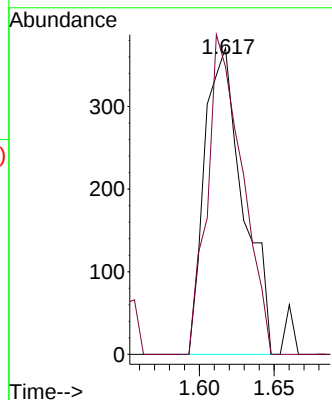
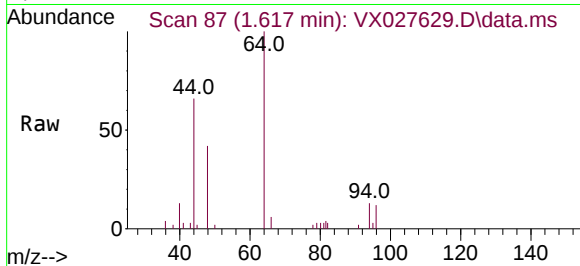




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

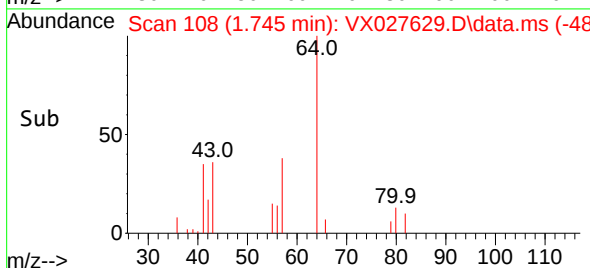
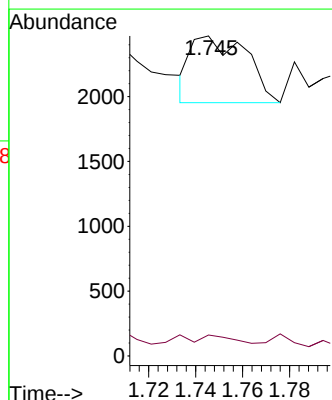
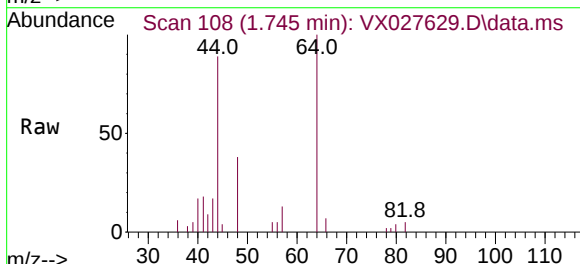
Instrument :
MSVOA_X
ClientSampleId :
MW-118E

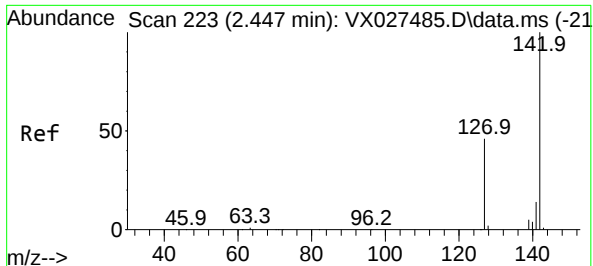
Tgt Ion: 94 Resp: 663
Ion Ratio Lower Upper
94 100
96 93.8 75.3 112.9



#6
Chloroethane
Concen: 0.401 ug/l
RT: 1.745 min Scan# 108
Delta R.T. 0.067 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

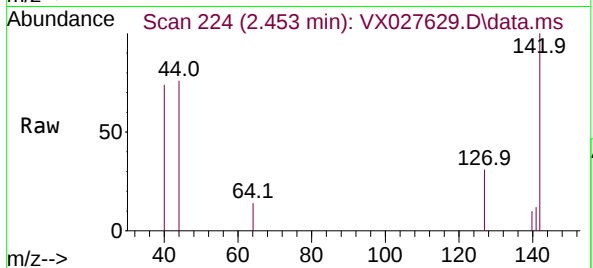
Tgt Ion: 64 Resp: 841
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



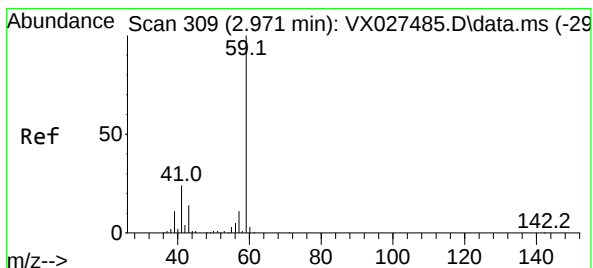
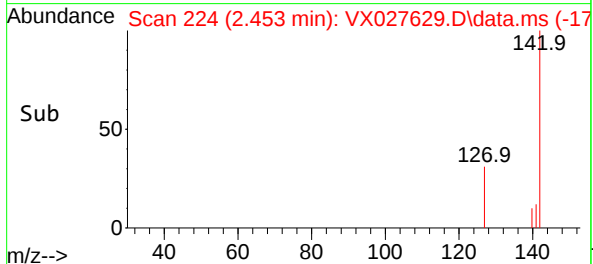
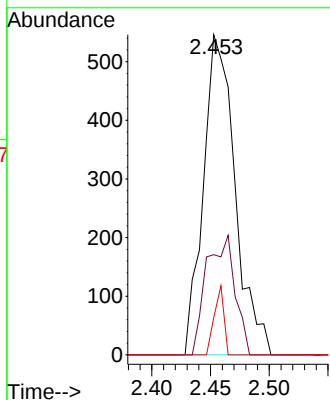


#10
Methyl Iodide
Concen: 0.231 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

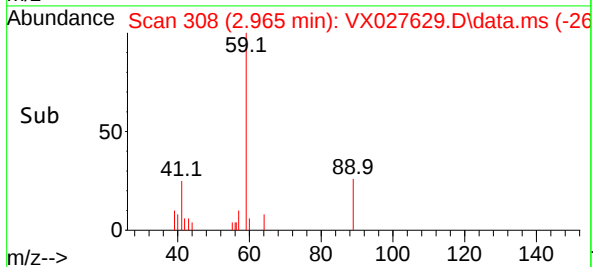
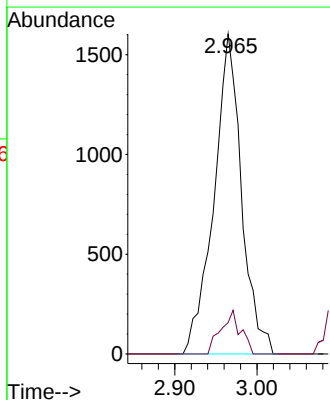
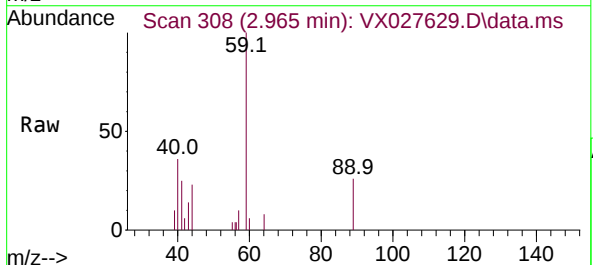


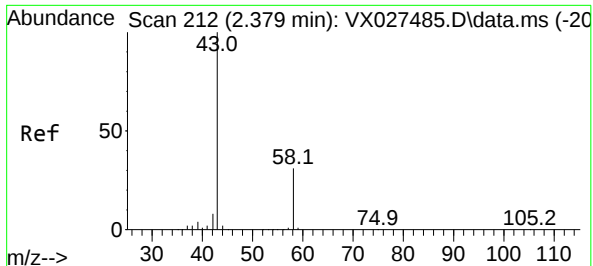
Tgt Ion:142 Resp: 1027
Ion Ratio Lower Upper
142 100
127 33.4 33.9 50.9#
141 6.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 4.597 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 59 Resp: 3745
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

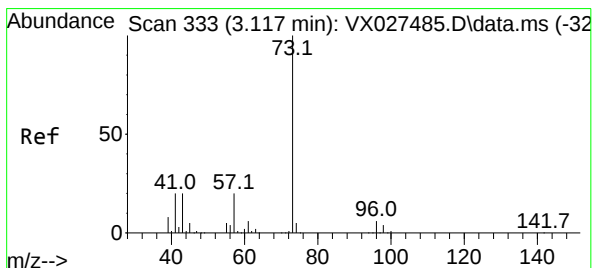
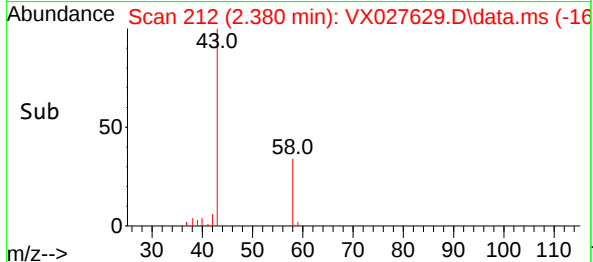
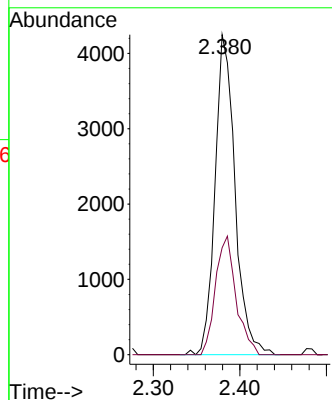
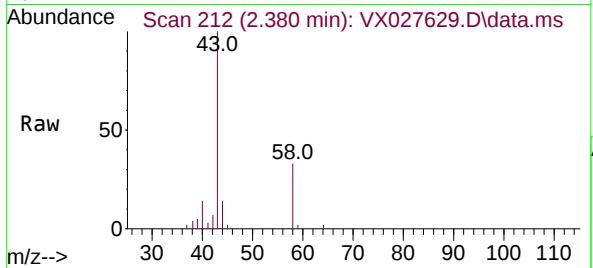




#16
Acetone
Concen: 3.912 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

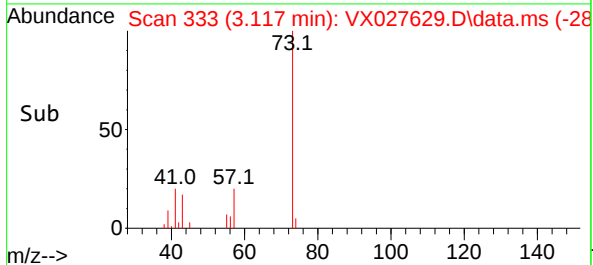
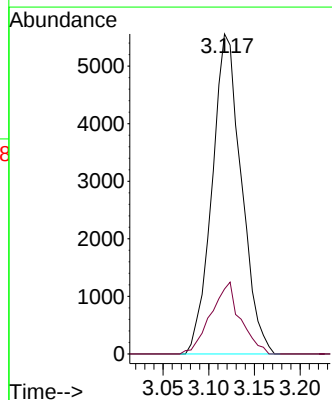
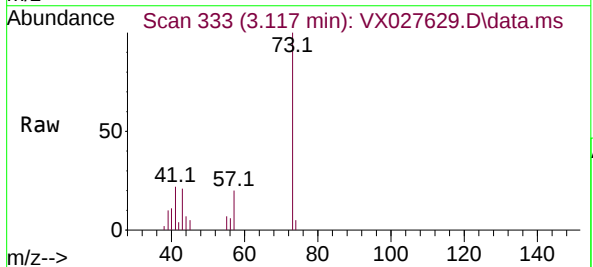
Instrument :
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ClientSampleId :
MW-118E

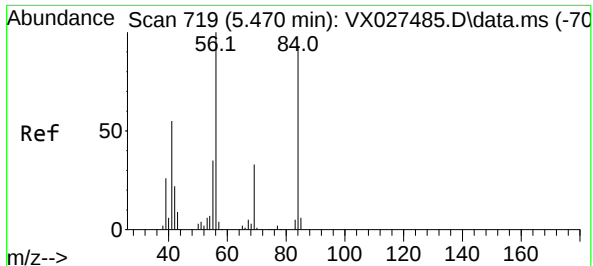
Tgt Ion: 43 Resp: 6816
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 1.141 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 73 Resp: 12406
Ion Ratio Lower Upper
73 100
57 20.3 16.8 25.2

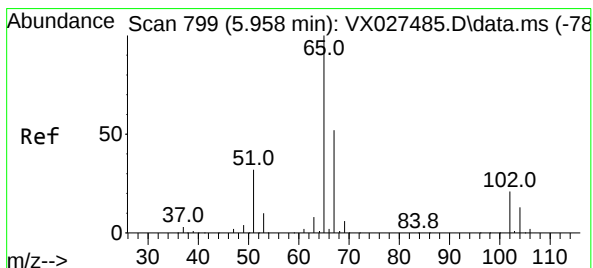
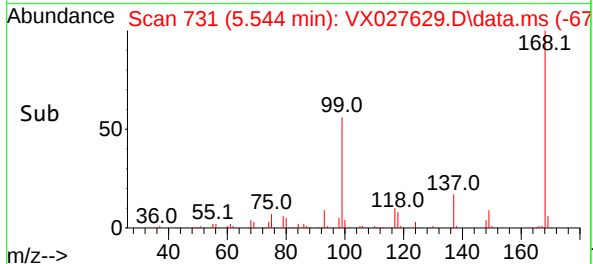
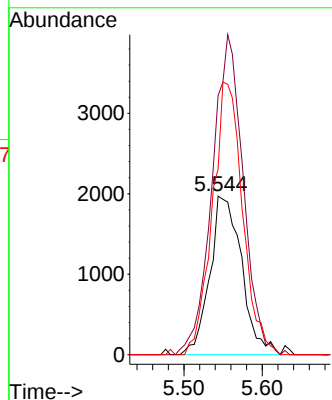
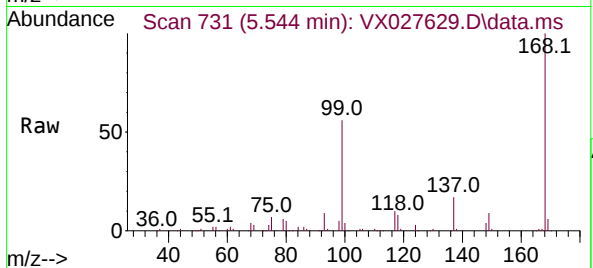




#31
Cyclohexane
Concen: 1.047 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

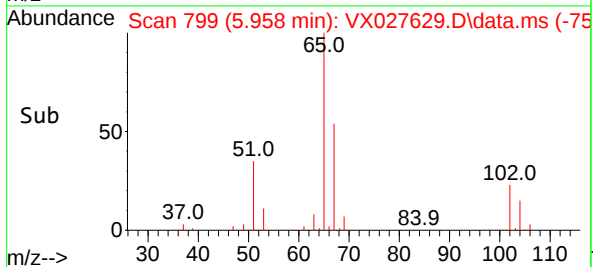
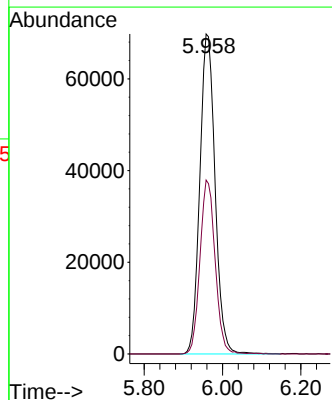
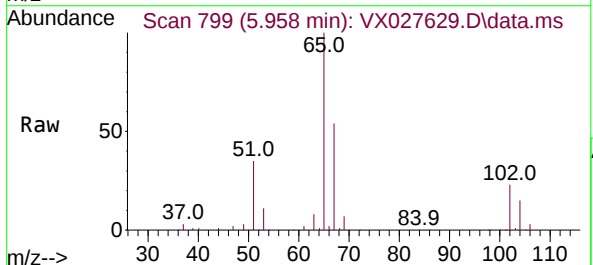
Instrument :
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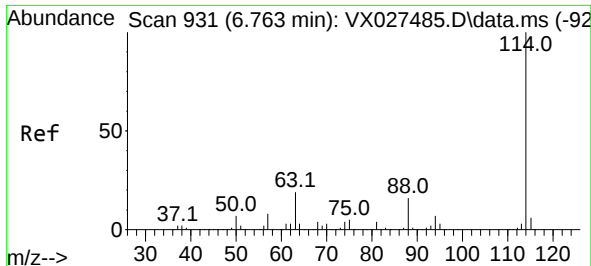
Tgt Ion: 56 Resp: 5557
Ion Ratio Lower Upper
56 100
69 163.5 26.7 40.1#
84 117.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 44.258 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 65 Resp: 189190
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.4

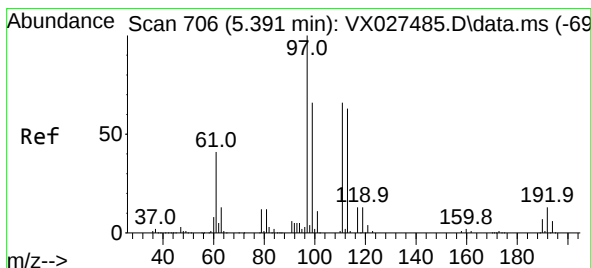
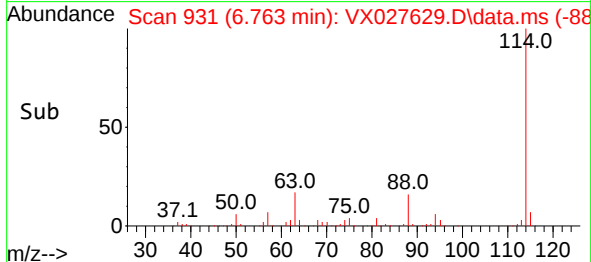
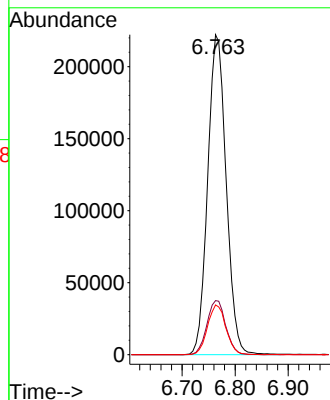
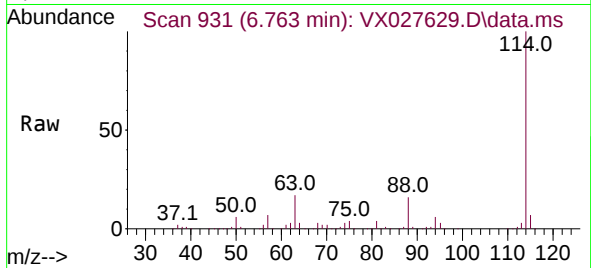




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

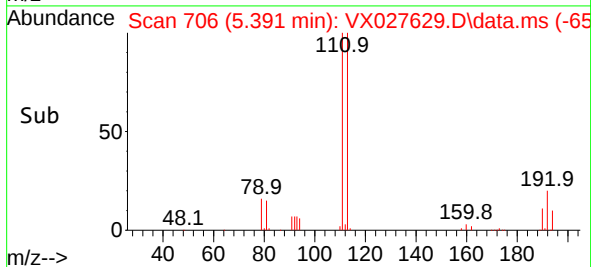
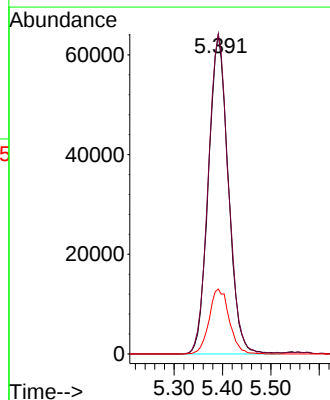
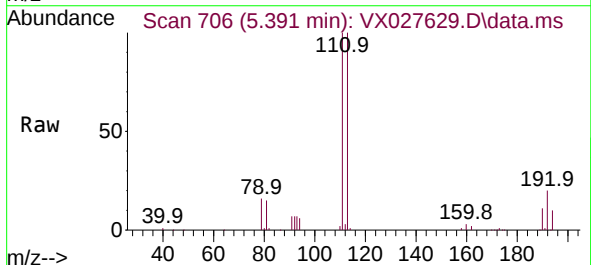
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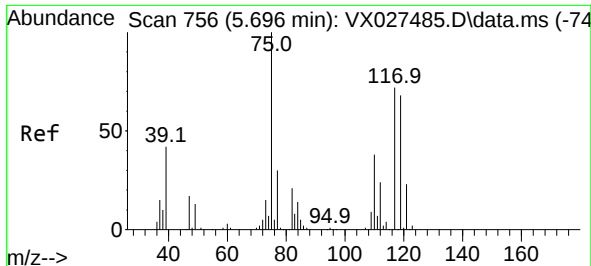
Tgt Ion:114 Resp: 537342
Ion Ratio Lower Upper
114 100
63 16.9 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.753 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion:113 Resp: 182375
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 20.6 16.9 25.3

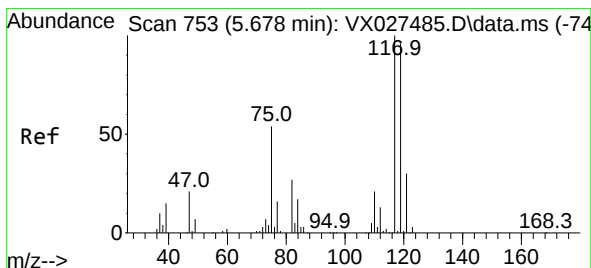
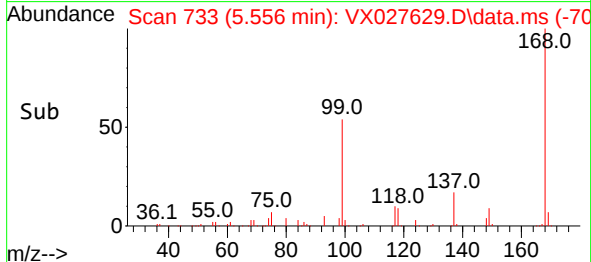
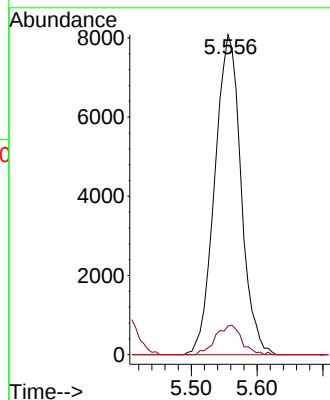
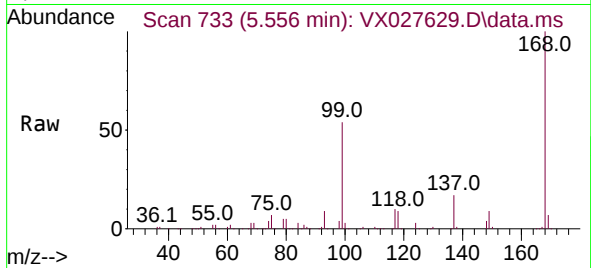




#36
1,1-Dichloropropene
Concen: 4.747 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

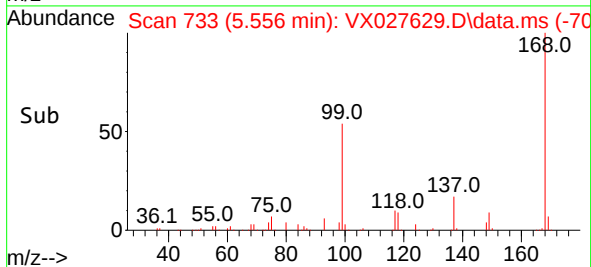
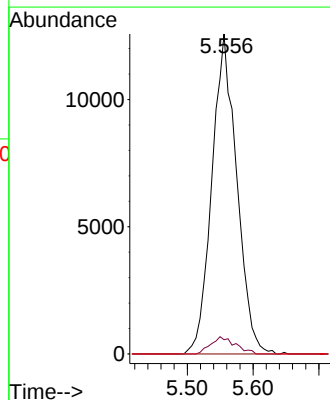
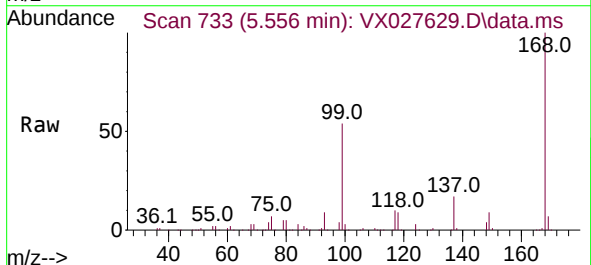
Instrument :
MSVOA_X
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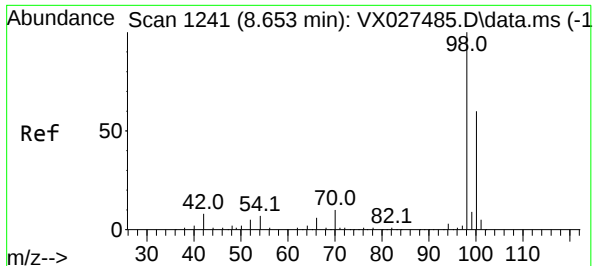
Tgt Ion: 75 Resp: 22427
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 117 Resp: 33102
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#

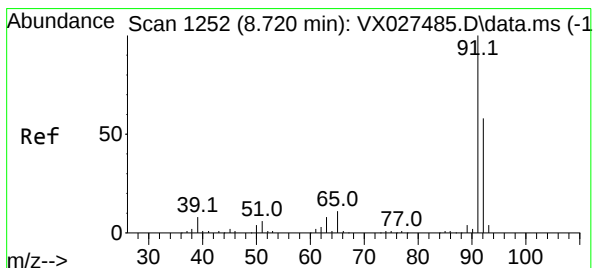
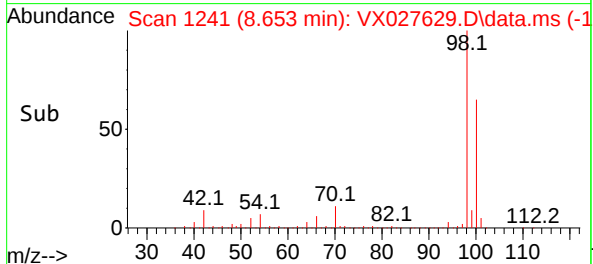
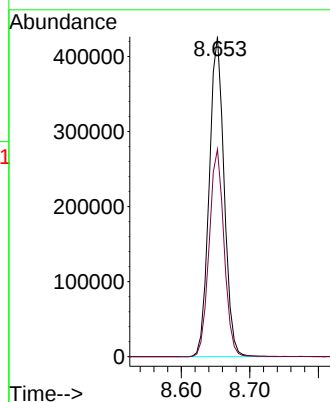
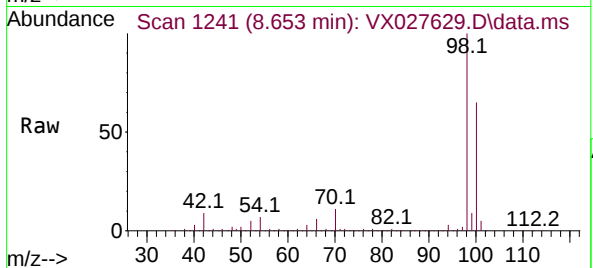




#50
Toluene-d8
Concen: 49.286 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

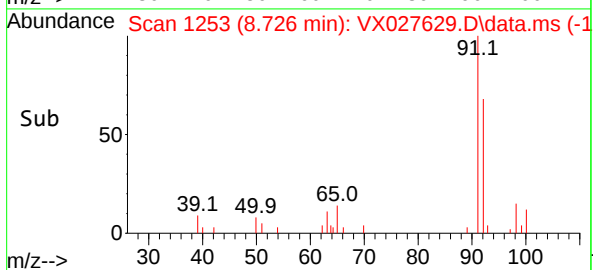
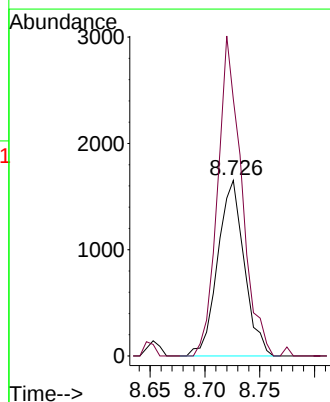
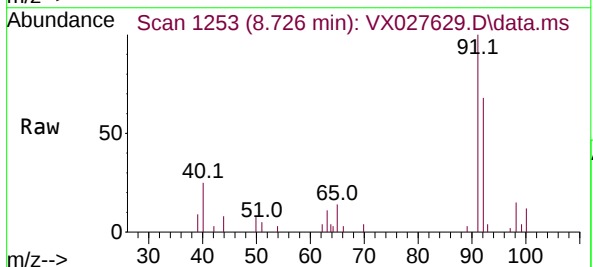
Instrument :
MSVOA_X
ClientSampleId :
MW-118E

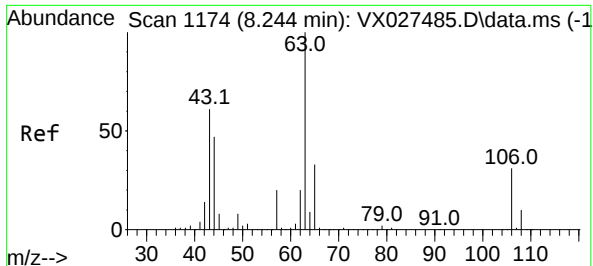
Tgt Ion: 98 Resp: 644779
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#52
Toluene
Concen: 0.307 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion: 92 Resp: 2789
Ion Ratio Lower Upper
92 100
91 164.0 137.5 206.3





#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.183 min Scan# 1164

Delta R.T. -0.061 min

Lab File: VX027629.D

Acq: 22 Mar 2022 21:00

Instrument :

MSVOA_X

ClientSampleId :

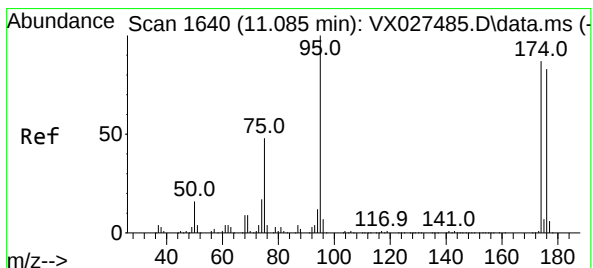
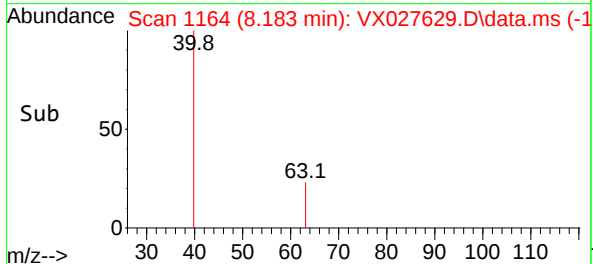
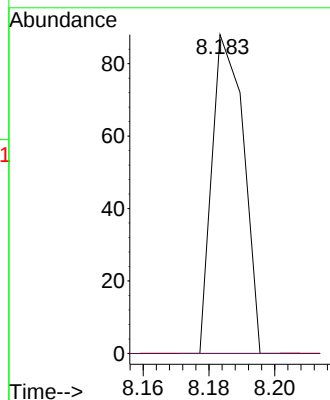
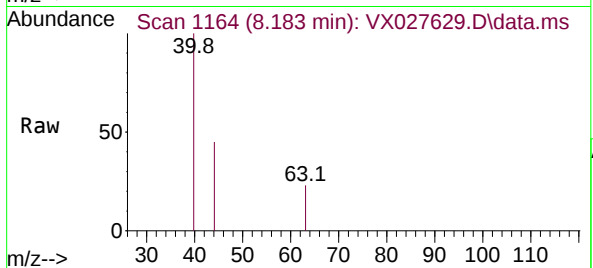
MW-118E

Tgt Ion: 63 Resp: 59

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



#62

4-Bromofluorobenzene

Concen: 47.699 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027629.D

Acq: 22 Mar 2022 21:00

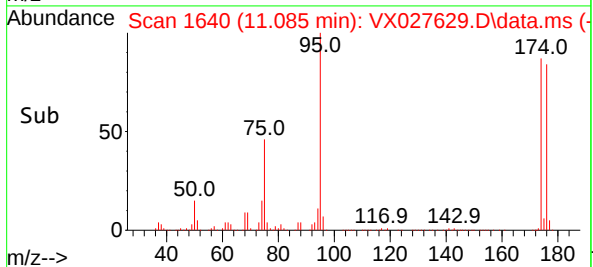
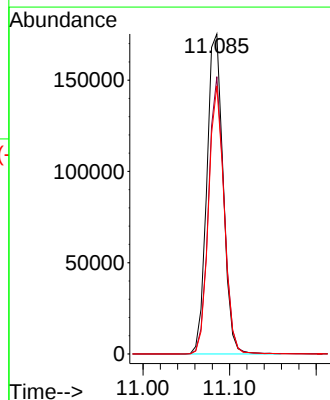
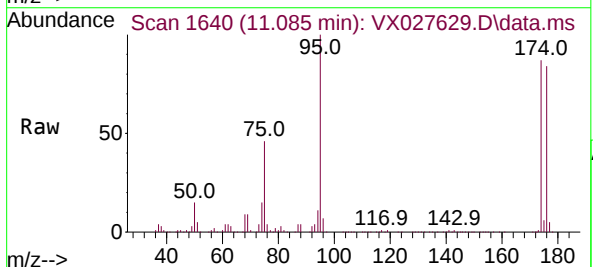
Tgt Ion: 95 Resp: 229359

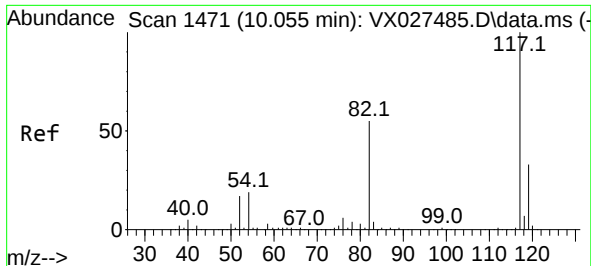
Ion Ratio Lower Upper

95 100

174 82.9 0.0 163.0

176 80.2 0.0 155.0

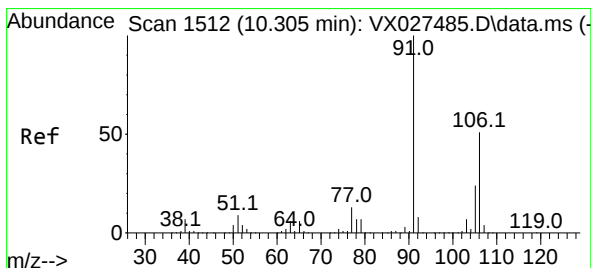
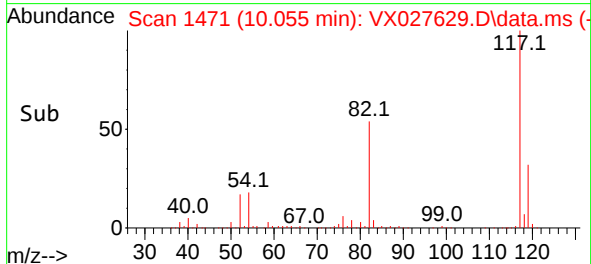
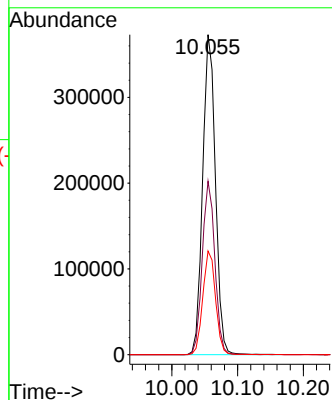
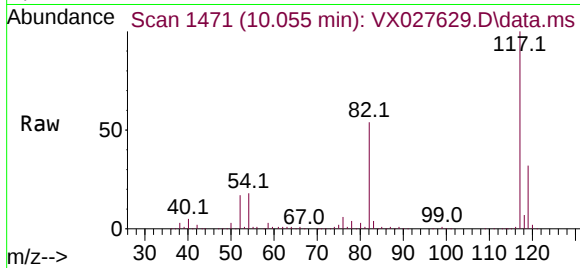




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

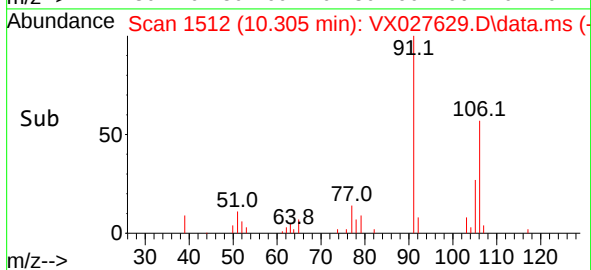
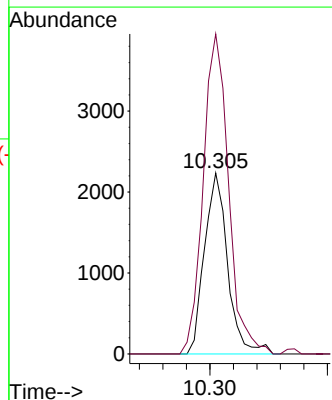
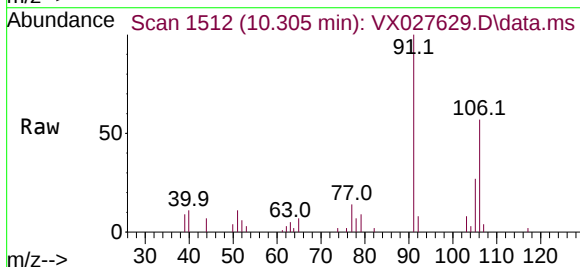
Instrument :
MSVOA_X
ClientSampleId :
MW-118E

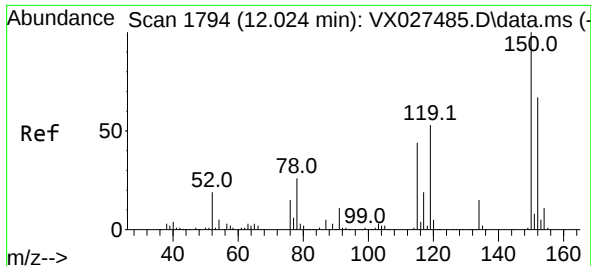
Tgt Ion:117 Resp: 503581
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 32.4 24.8 37.2



#68
m/p-Xylenes
Concen: 0.438 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027629.D
Acq: 22 Mar 2022 21:00

Tgt Ion:106 Resp: 3059
Ion Ratio Lower Upper
106 100
91 193.1 160.4 240.6

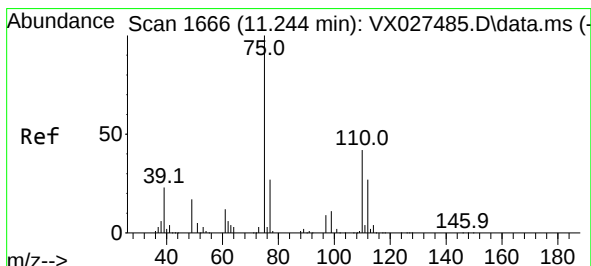
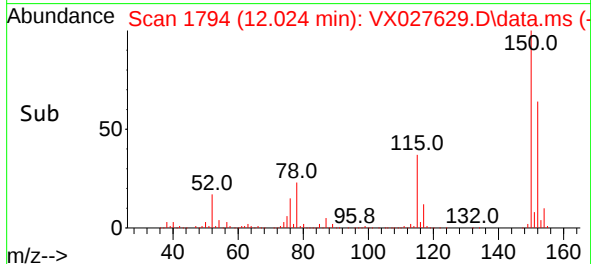
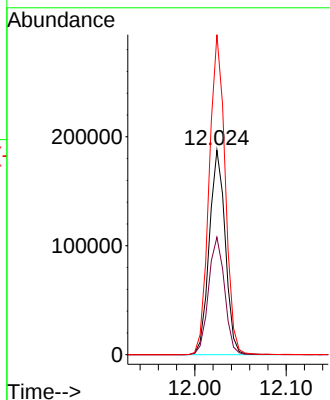
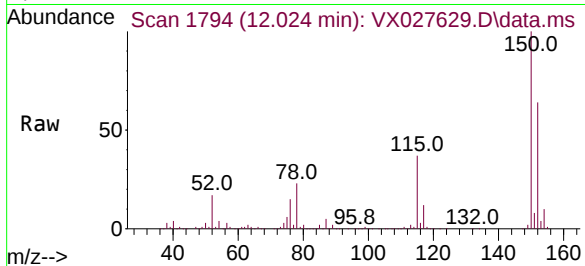




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027629.D
 Acq: 22 Mar 2022 21:00

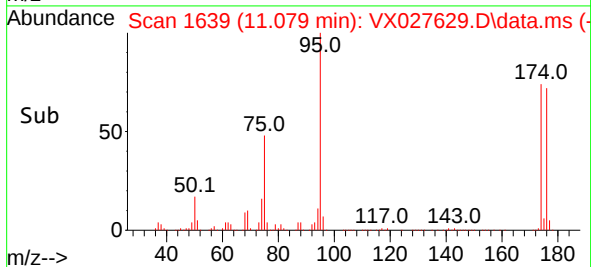
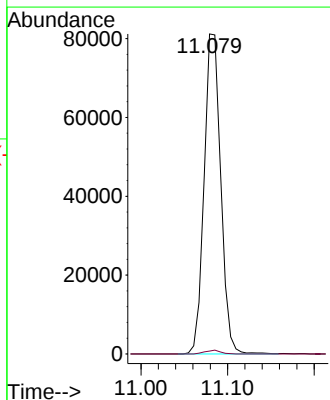
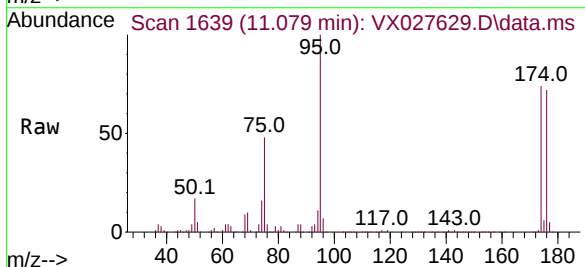
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118E

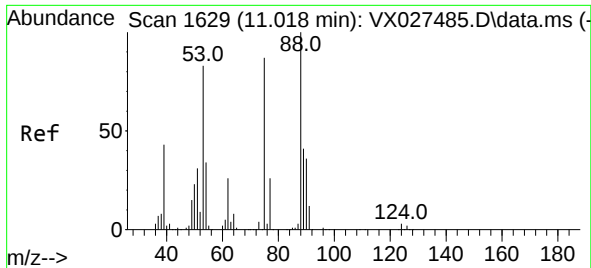
Tgt Ion:152 Resp: 226945
 Ion Ratio Lower Upper
 152 100
 115 57.8 37.5 112.7
 150 156.8 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.839 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027629.D
 Acq: 22 Mar 2022 21:00

Tgt Ion: 75 Resp: 108413
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.362 ug/l
 RT: 11.079 min Scan# 108413
 Delta R.T. 0.061 min
 Lab File: VX027629.D
 Acq: 22 Mar 2022 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118E

Tgt Ion: 75 Resp: 108413
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

