

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027592.D
 Acq On : 21 Mar 2022 17:36
 Operator : JC/MD
 Sample : N1998-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-140

Quant Time: Mar 22 05:48:23 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)

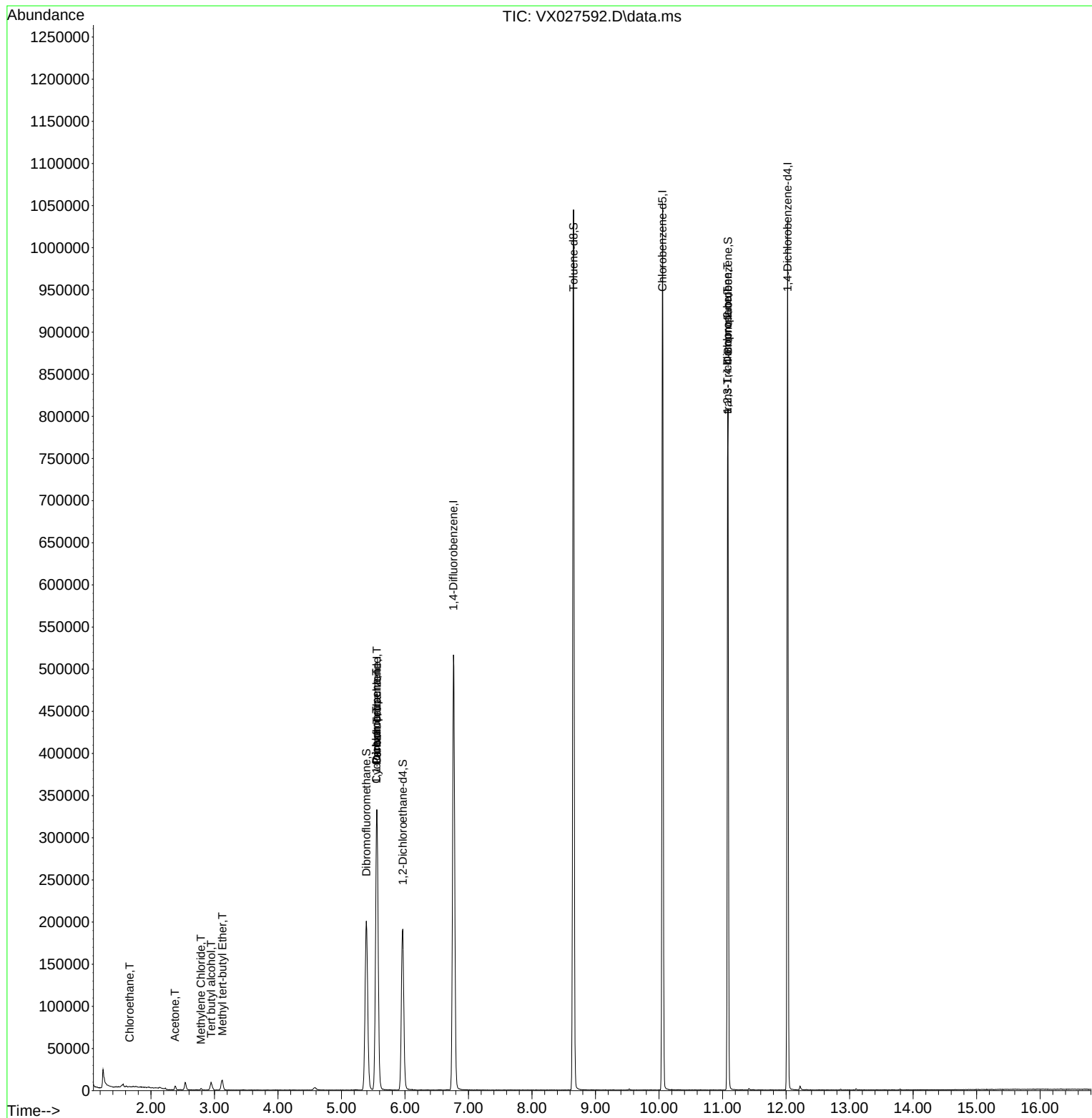
Internal Standards						
1) Pentafluorobenzene	5.556	168	341790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	555378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	186483	44.290	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.580%		
35) Dibromofluoromethane	5.391	113	180650	50.557	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.120%		
50) Toluene-d8	8.653	98	648793	47.983	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.960%		
62) 4-Bromofluorobenzene	11.085	95	220323	44.332	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.660%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	482	Below Cal	#	79
6) Chloroethane	1.666	64	2246	1.088	ug/l #	70
11) Tert butyl alcohol	2.946	59	5269	6.566	ug/l #	72
16) Acetone	2.380	43	4255	2.479	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	14076	1.315	ug/l	95
20) Methylene Chloride	2.788	84	943	0.256	ug/l	92
31) Cyclohexane	5.550	56	5237	1.002	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22299	4.567	ug/l #	49
38) Carbon Tetrachloride	5.556	117	32015	5.731	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	105393	23.265	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	105393	70.656	ug/l #	15

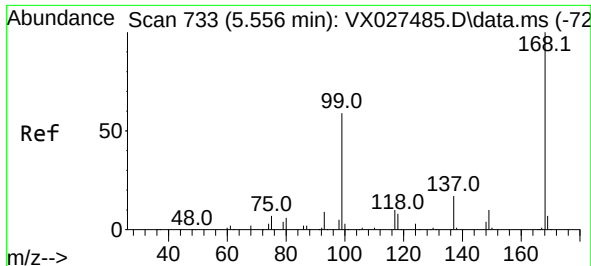
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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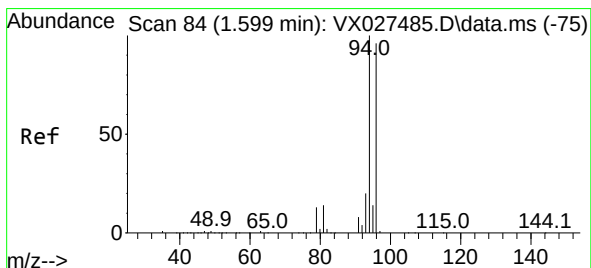
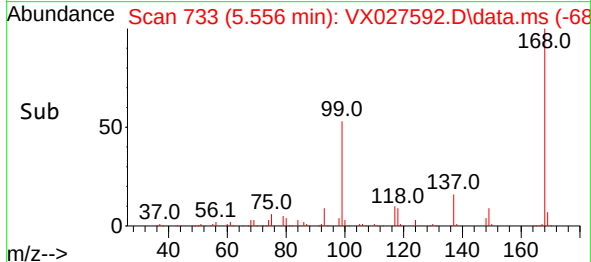
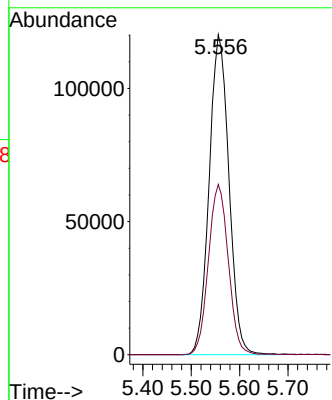
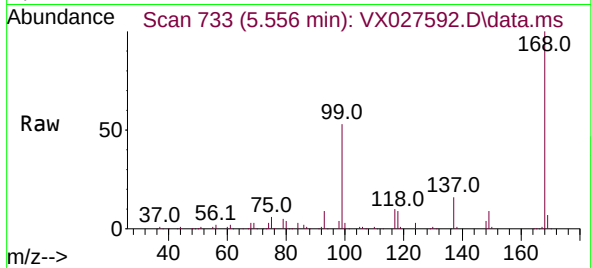




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

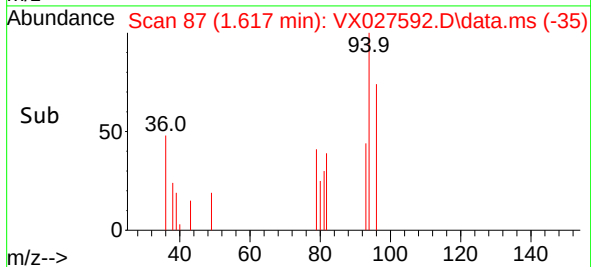
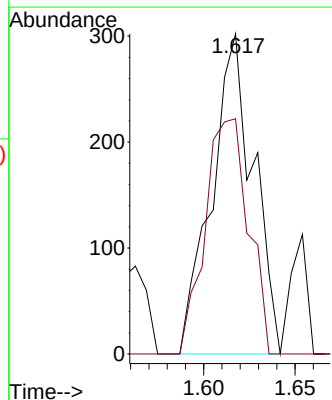
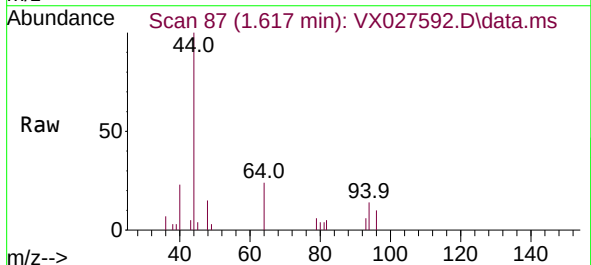
Instrument :
MSVOA_X
ClientSampleId :
MW-140

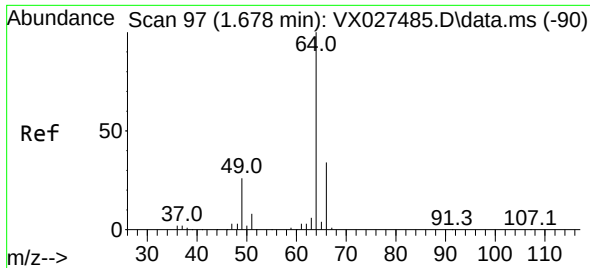
Tgt Ion:168 Resp: 341790
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

Tgt Ion: 94 Resp: 482
Ion Ratio Lower Upper
94 100
96 73.5 75.3 112.9#

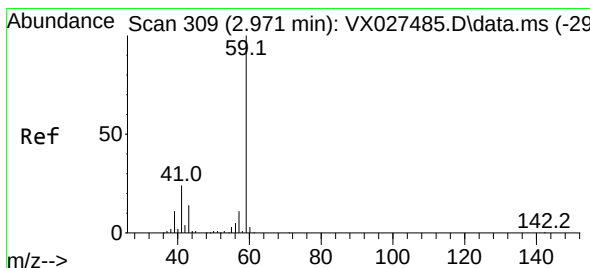
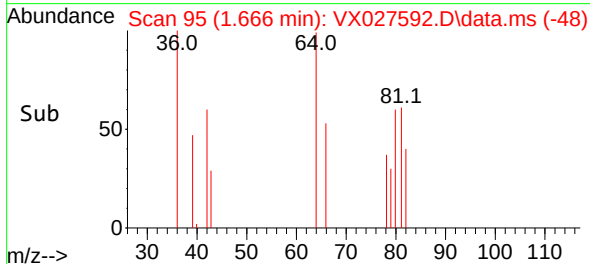
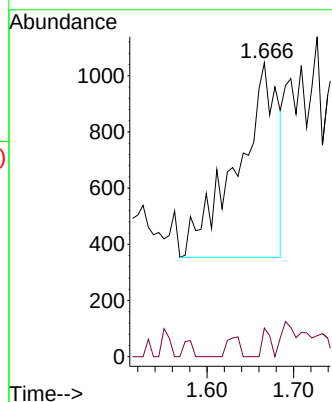
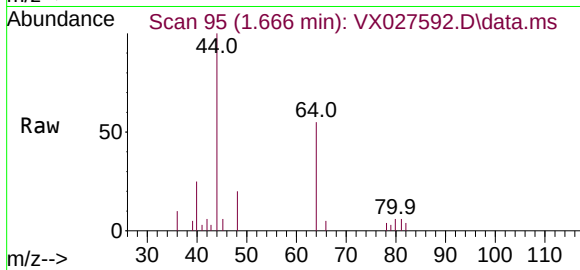




#6
Chloroethane
Concen: 1.088 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

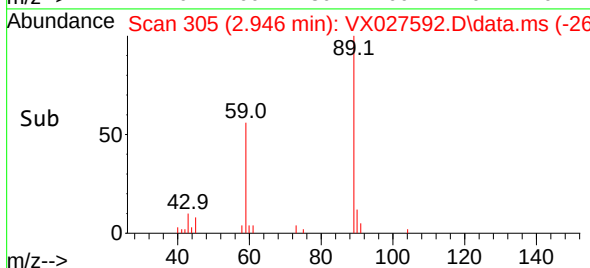
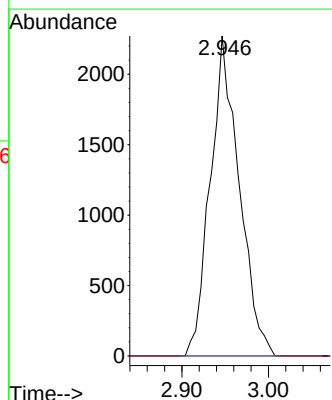
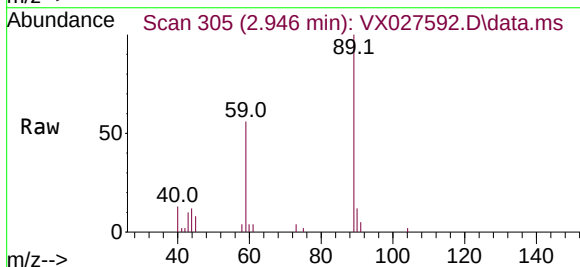
Instrument :
MSVOA_X
ClientSampleId :
MW-140

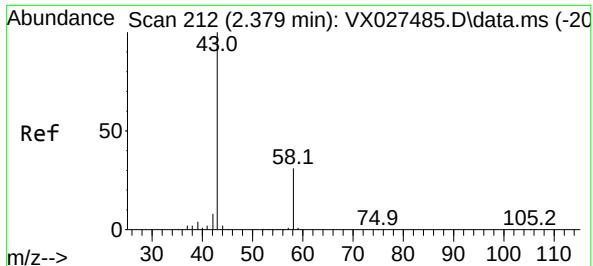
Tgt Ion: 64 Resp: 2246
Ion Ratio Lower Upper
64 100
66 14.7 25.3 37.9#



#11
Tert butyl alcohol
Concen: 6.566 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

Tgt Ion: 59 Resp: 5269
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

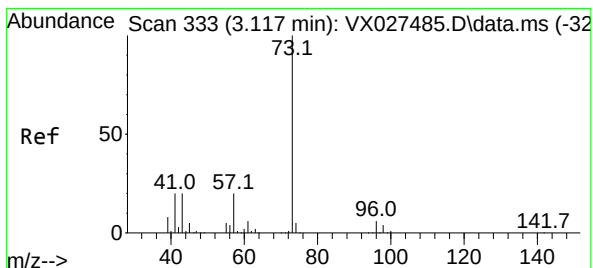
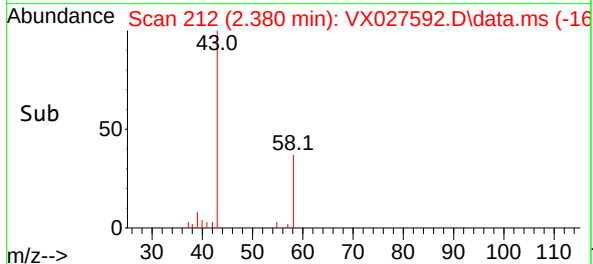
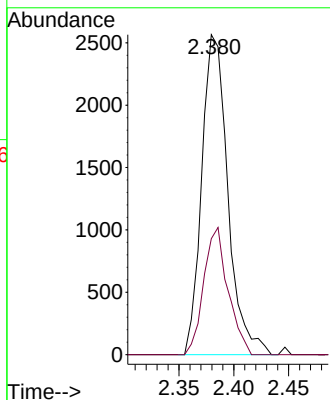
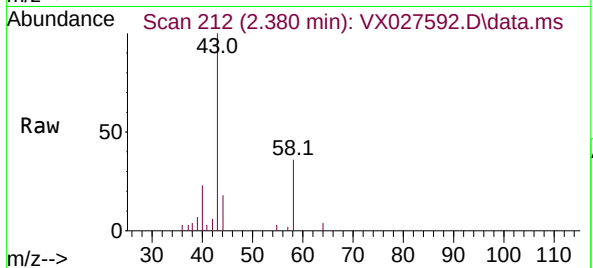




#16
Acetone
Concen: 2.479 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

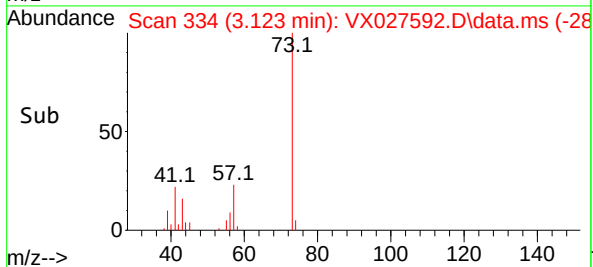
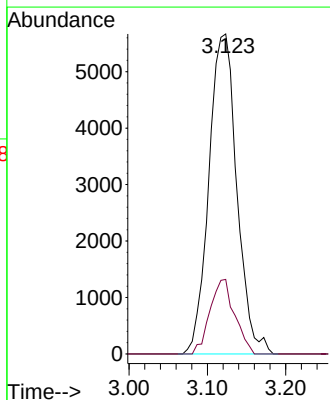
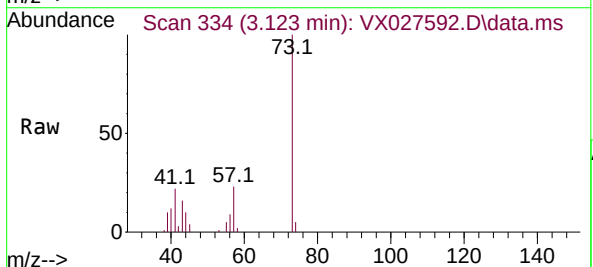
Instrument :
MSVOA_X
ClientSampleId :
MW-140

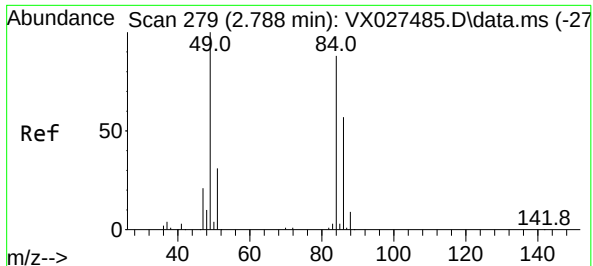
Tgt Ion: 43 Resp: 4255
Ion Ratio Lower Upper
43 100
58 36.3 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 1.315 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

Tgt Ion: 73 Resp: 14076
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

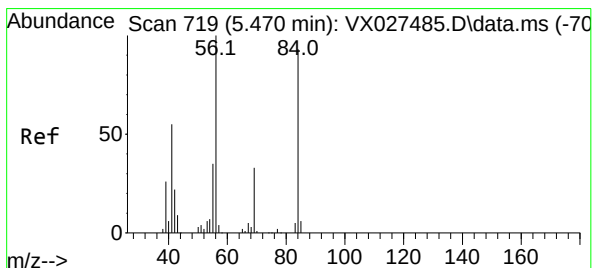
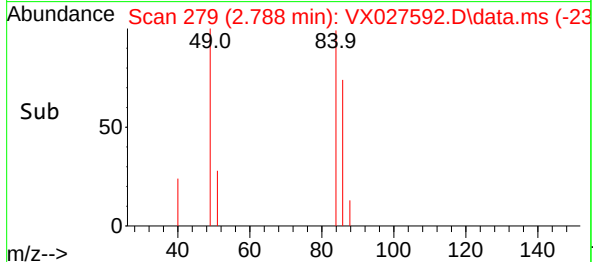
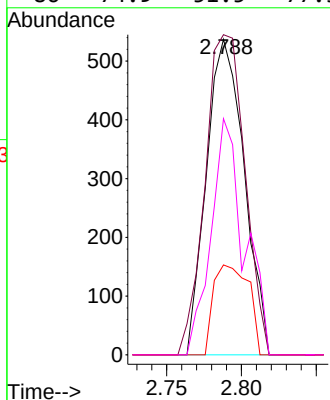
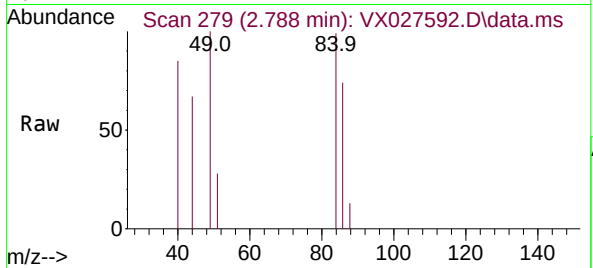




#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

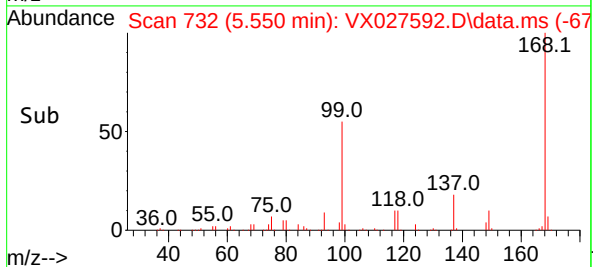
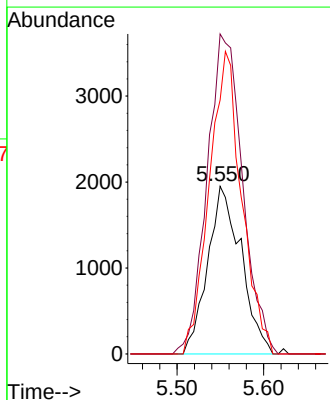
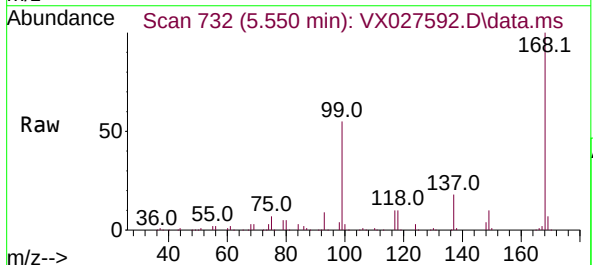
Instrument :
MSVOA_X
ClientSampleId :
MW-140

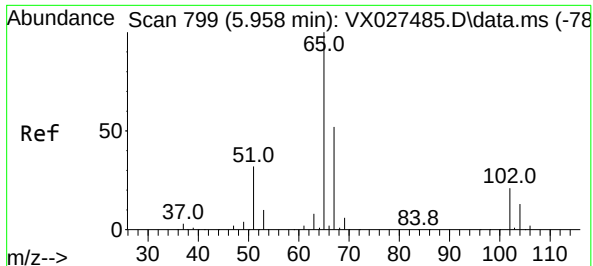
Tgt Ion:	84	Resp:	943
Ion	Ratio	Lower	Upper
84	100		
49	101.5	85.5	128.3
51	28.5	26.6	39.8
86	74.9	51.5	77.3



#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

Tgt Ion:	56	Resp:	5237
Ion	Ratio	Lower	Upper
56	100		
69	190.9	26.7	40.1#
84	151.5	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 44.290 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027592.D

Acq: 21 Mar 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

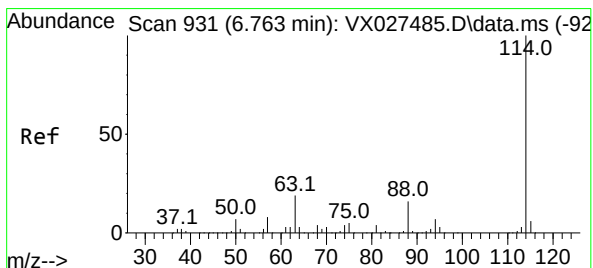
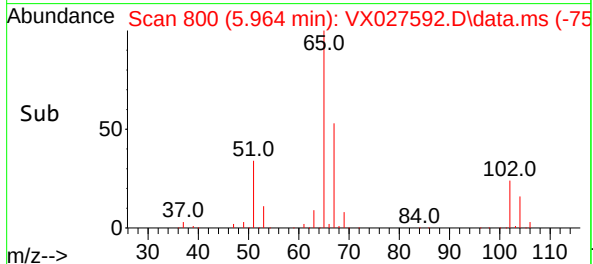
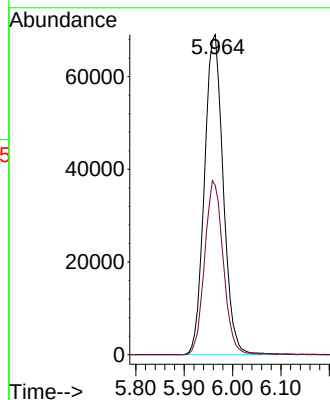
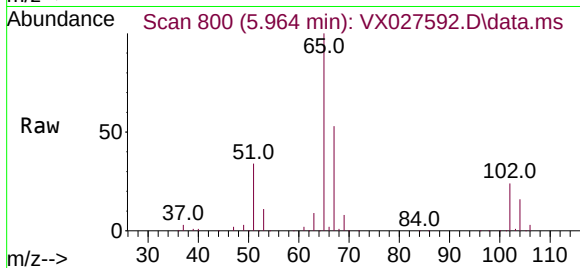
MW-140

Tgt Ion: 65 Resp: 186483

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# 931

Delta R.T. 0.000 min

Lab File: VX027592.D

Acq: 21 Mar 2022 17:36

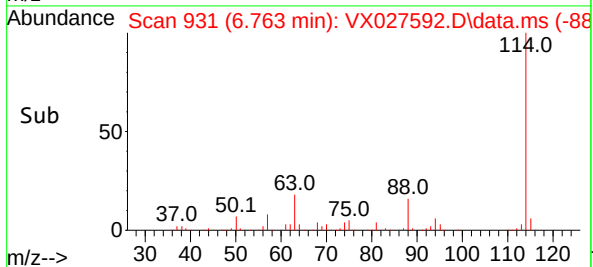
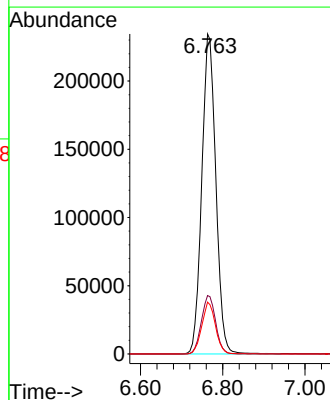
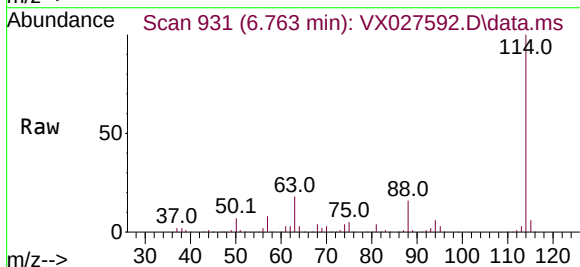
Tgt Ion: 114 Resp: 555378

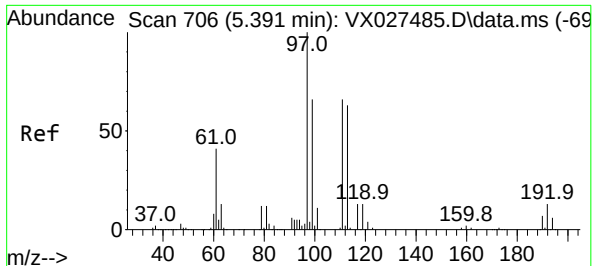
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 16.2 0.0 32.4

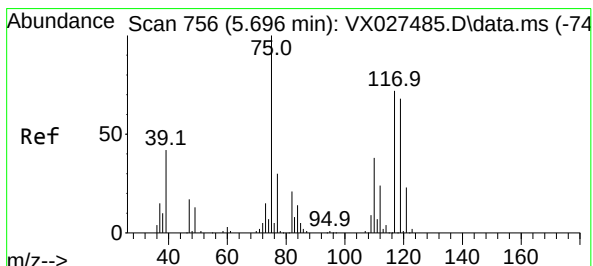
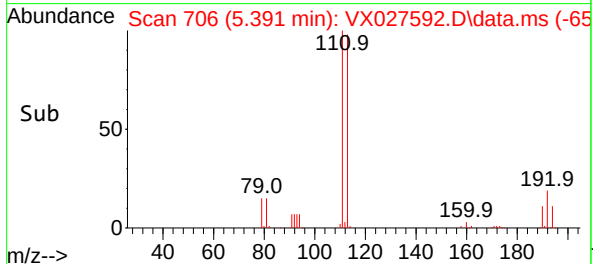
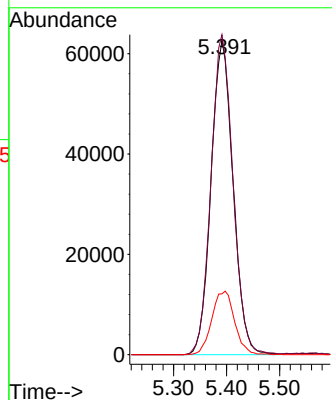
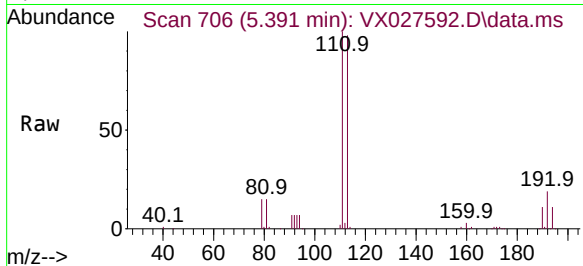




#35
Dibromofluoromethane
Concen: 50.557 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

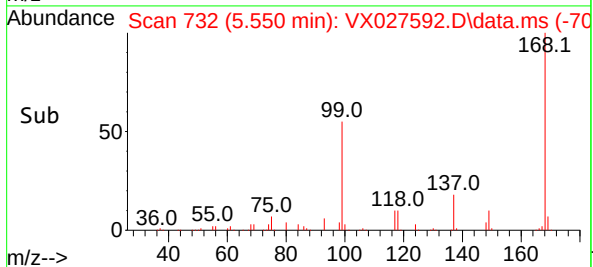
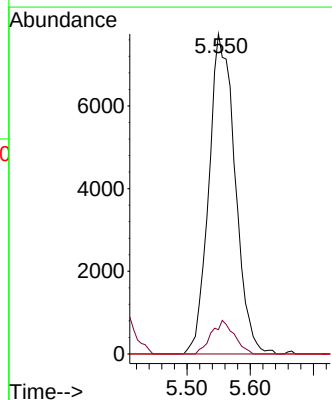
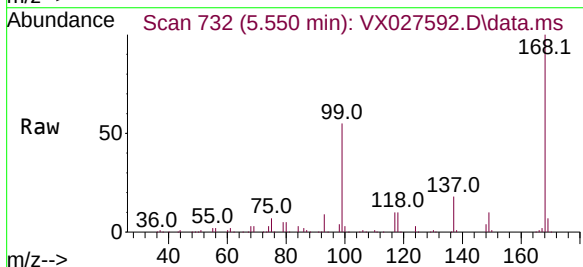
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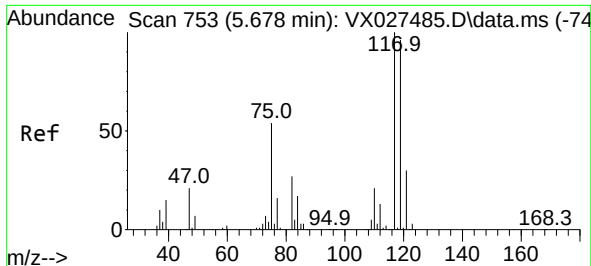
Tgt Ion:113 Resp: 180650
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.567 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

Tgt Ion: 75 Resp: 22299
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#

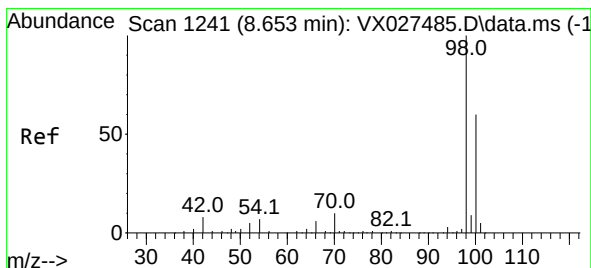
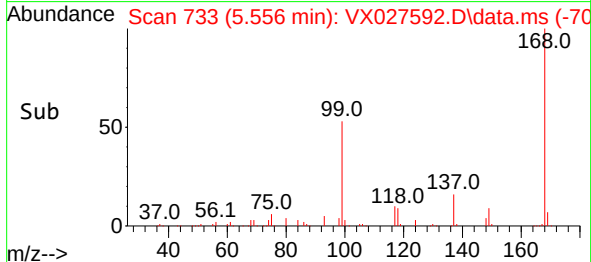
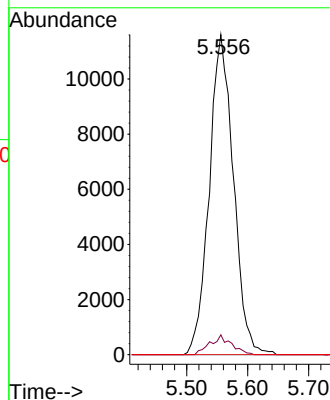
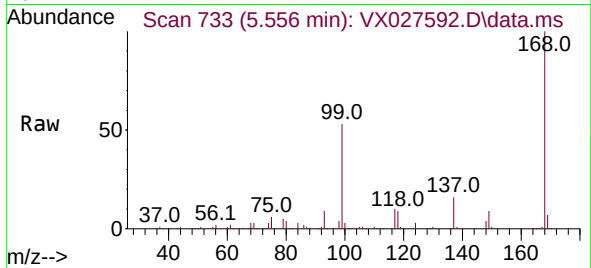




#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

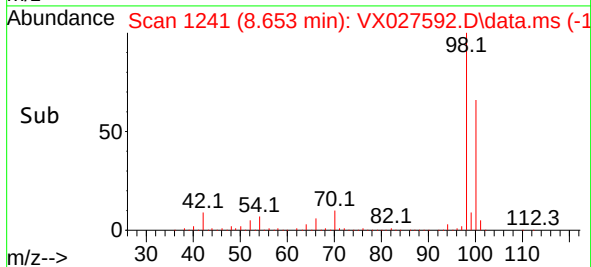
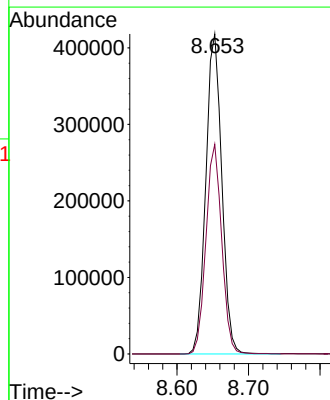
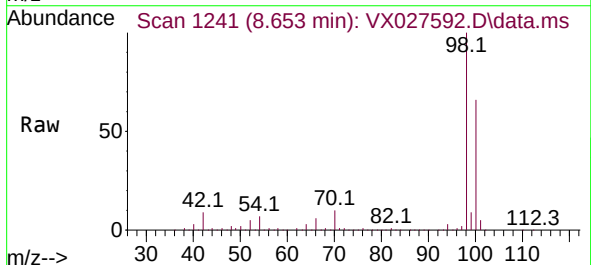
Instrument :
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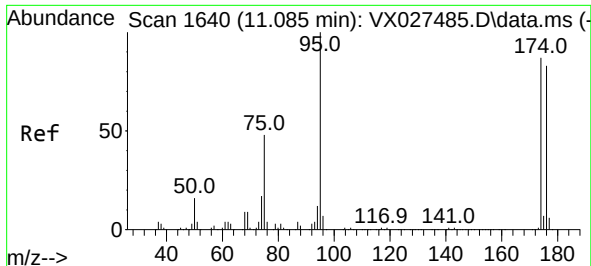
Tgt Ion:117 Resp: 32015
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.983 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027592.D
Acq: 21 Mar 2022 17:36

Tgt Ion: 98 Resp: 648793
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 44.332 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027592.D

Acq: 21 Mar 2022 17:36

Instrument :

MSVOA_X

ClientSampleId :

MW-140

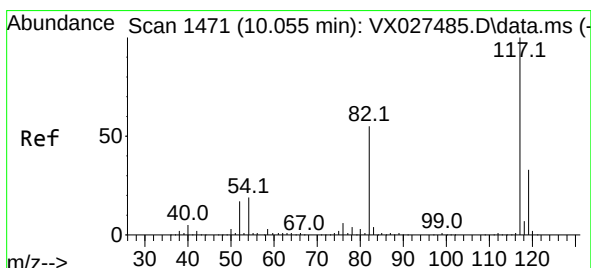
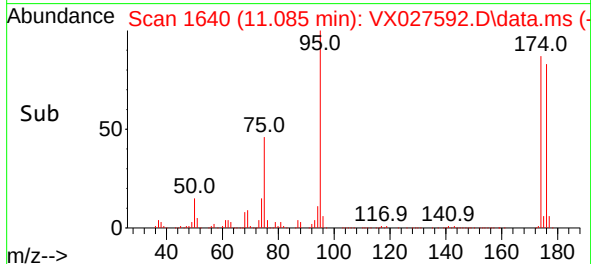
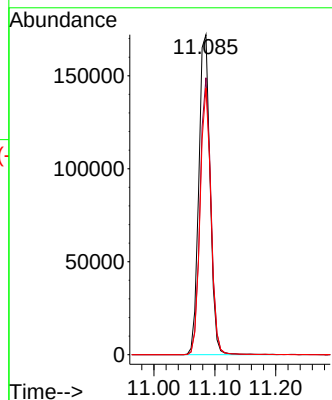
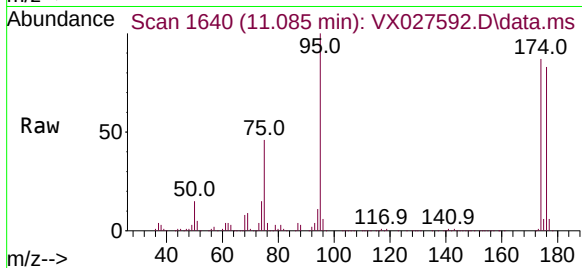
Tgt Ion: 95 Resp: 220323

Ion Ratio Lower Upper

95 100

174 83.5 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: VX027592.D

Acq: 21 Mar 2022 17:36

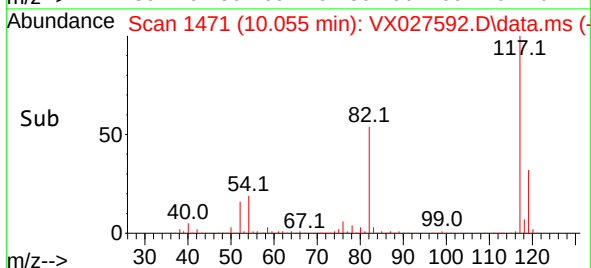
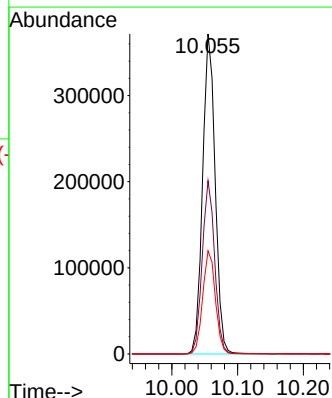
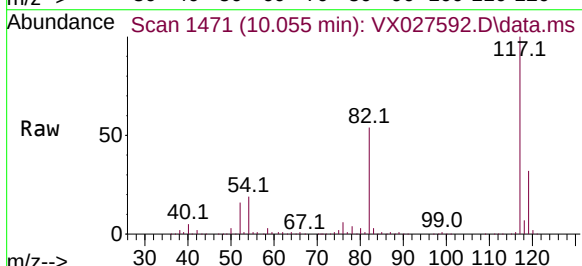
Tgt Ion: 117 Resp: 493507

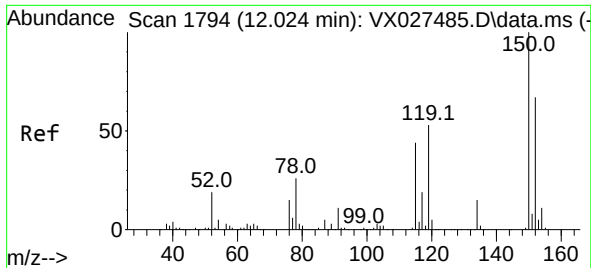
Ion Ratio Lower Upper

117 100

82 54.2 41.8 62.8

119 32.3 24.8 37.2

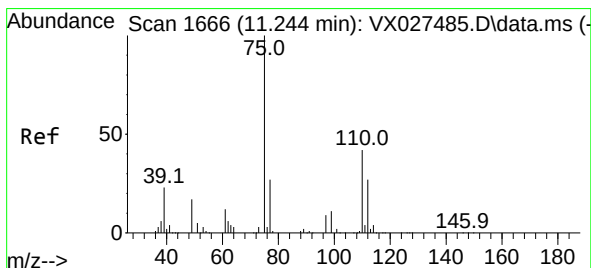
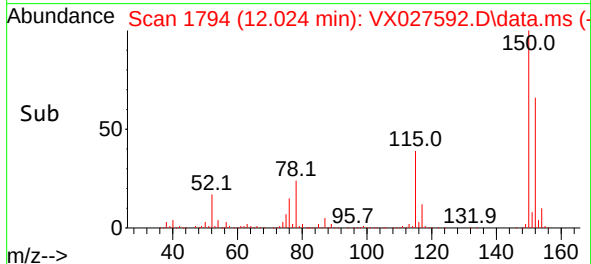
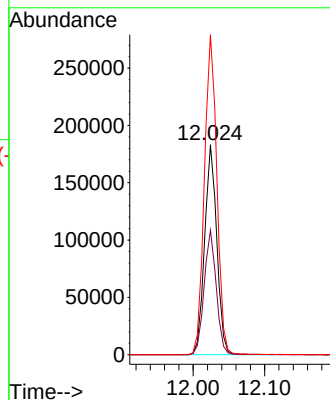
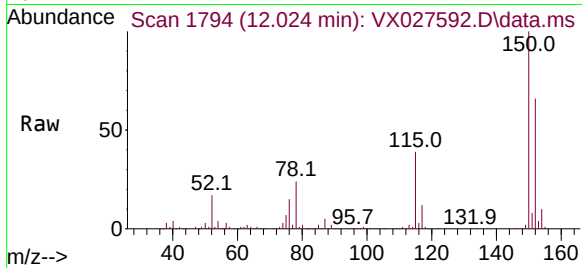




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027592.D
 Acq: 21 Mar 2022 17:36

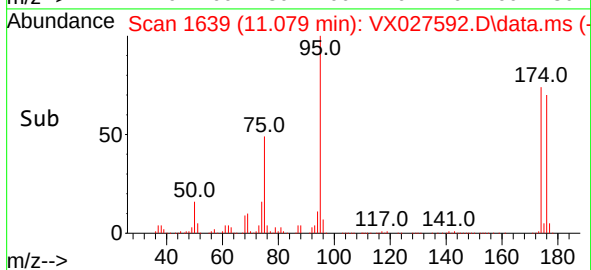
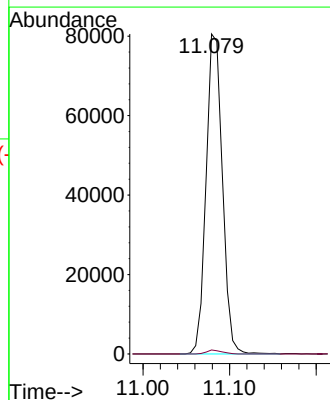
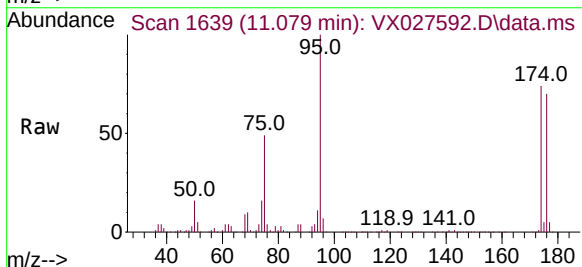
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-140

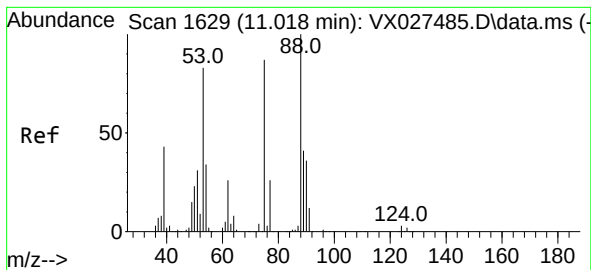
Tgt Ion:152 Resp: 216580
 Ion Ratio Lower Upper
 152 100
 115 58.9 37.5 112.7
 150 156.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.265 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027592.D
 Acq: 21 Mar 2022 17:36

Tgt Ion: 75 Resp: 105393
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.656 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027592.D
 Acq: 21 Mar 2022 17:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-140

Tgt Ion: 75 Resp: 105393
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

