

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031216.D
 Acq On : 08 Sep 2022 17:04
 Operator : JC/MD
 Sample : N4381-10DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20DL

Quant Time: Sep 09 01:10:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

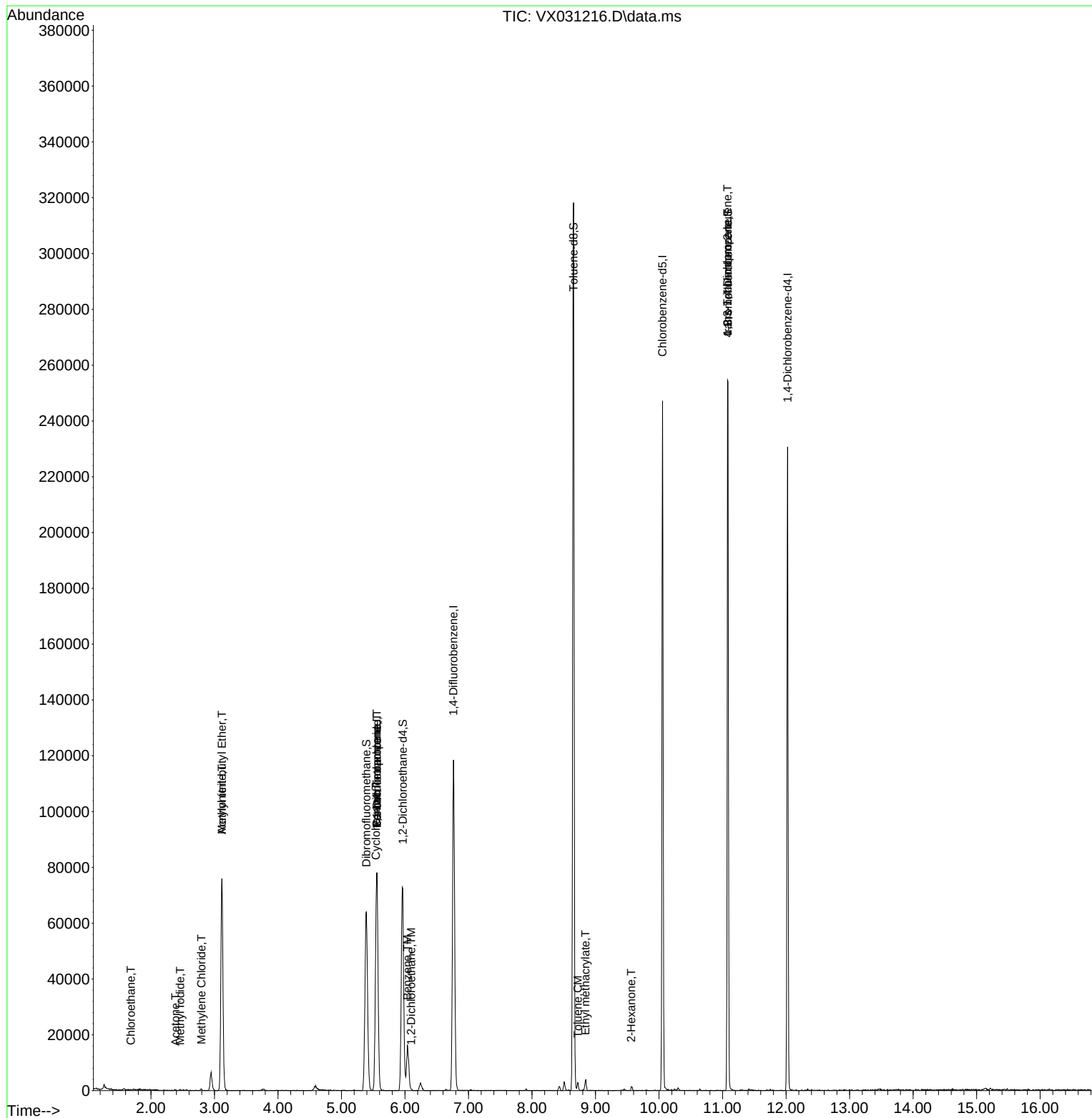
Internal Standards						
1) Pentafluorobenzene	5.556	168	63224	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	111152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	81740	54.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.220%	
35) Dibromofluoromethane	5.391	113	55688	45.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.960%	
50) Toluene-d8	8.653	98	191324	43.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 86.960%	
62) 4-Bromofluorobenzene	11.085	95	74044	45.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.820%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	277	0.536	ug/l	# 41
10) Methyl Iodide	2.459	142	335	0.239	ug/l	# 75
11) Tert butyl alcohol	2.947	59	3896	Below Cal	#	74
15) Acrylonitrile	3.117	53	1134	1.990	ug/l	# 28
16) Acetone	2.386	43	295	0.569	ug/l	# 40
19) Methyl tert-butyl Ether	3.117	73	89167	23.518	ug/l	# 90
20) Methylene Chloride	2.794	84	347	0.285	ug/l	# 48
31) Cyclohexane	5.544	56	1486	0.888	ug/l	# 32
36) 1,1-Dichloropropene	5.556	75	6364	3.508	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	8327	4.363	ug/l	# 13
40) Benzene	6.037	78	17897	3.632	ug/l	100
42) 1,2-Dichloroethane	6.098	62	749	0.371	ug/l	# 73
52) Toluene	8.720	92	1132	0.348	ug/l	89
56) Ethyl methacrylate	8.842	69	464	0.236	ug/l	# 69
59) 2-Hexanone	9.561	43	339	0.289	ug/l	67
76) 1,2,3-Trichloropropane	11.079	75	40751	33.179	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	40751	106.997	ug/l	# 13

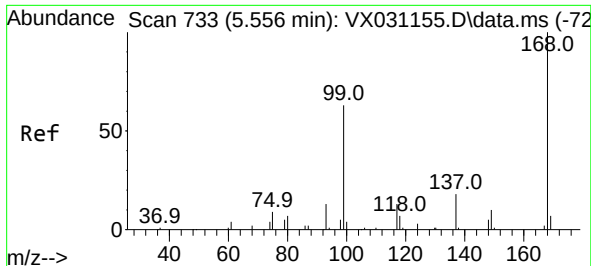
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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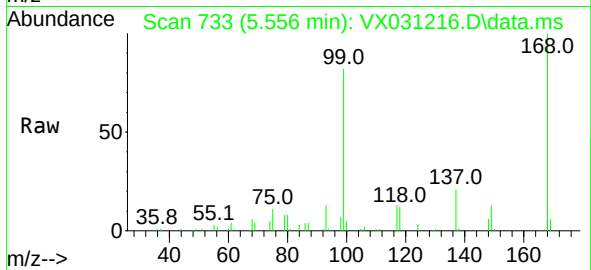
Quant Time: Sep 09 01:10:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
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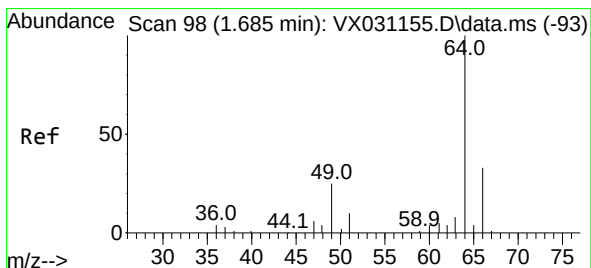
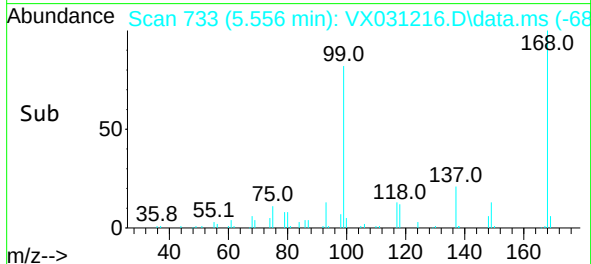
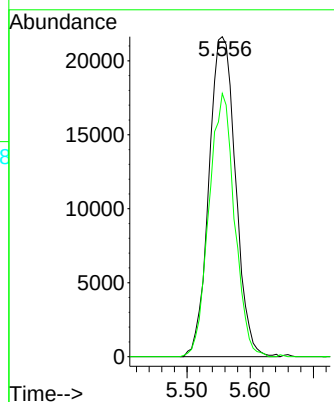


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-20DL

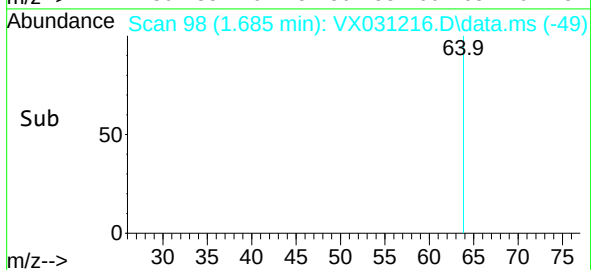
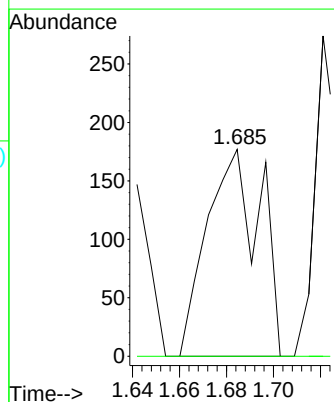
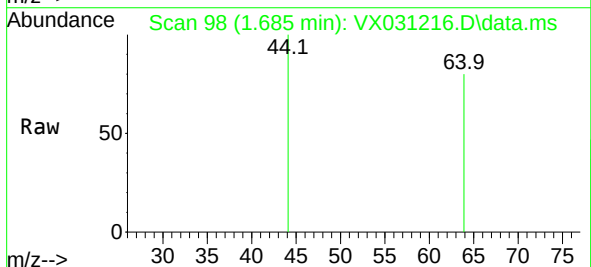


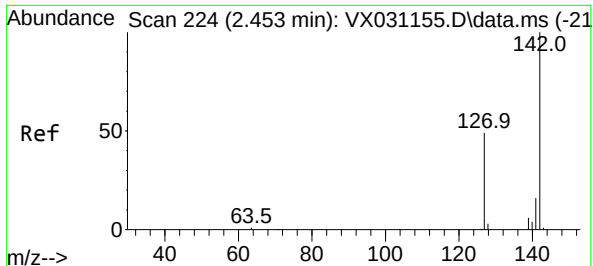
Tgt Ion:168 Resp: 63224
Ion Ratio Lower Upper
168 100
99 82.2 44.0 66.0#



#6
Chloroethane
Concen: 0.536 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Tgt Ion: 64 Resp: 277
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

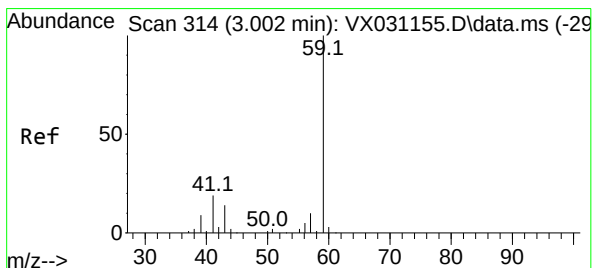
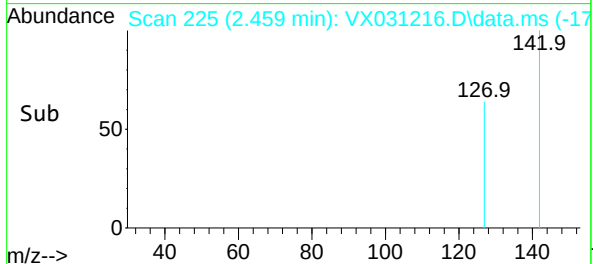
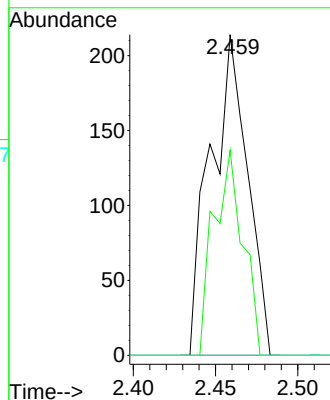
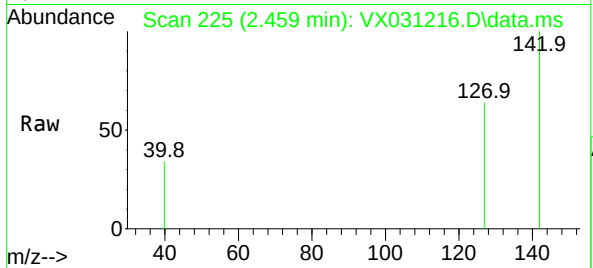




#10
Methyl Iodide
Concen: 0.239 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

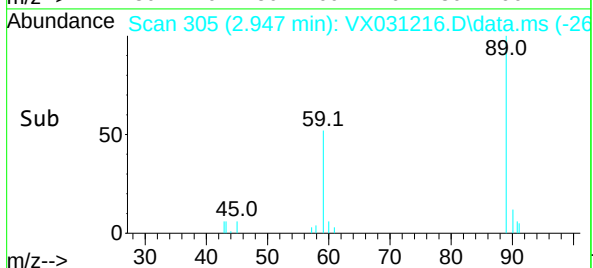
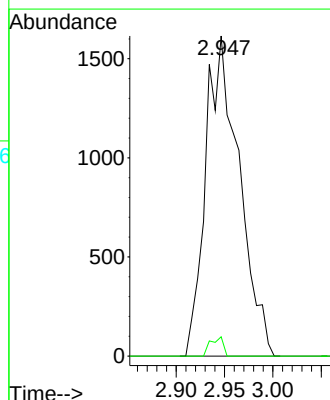
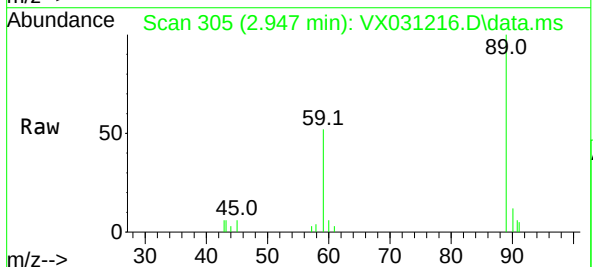
Instrument :
MSVOA_X
ClientSampleId :
MW-20DL

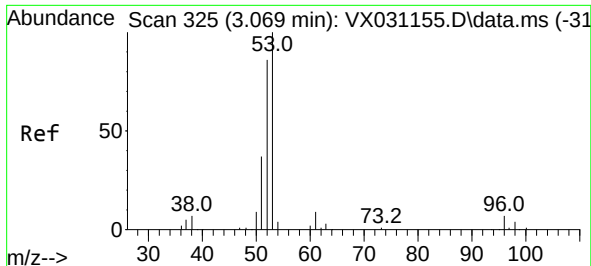
Tgt Ion:142 Resp: 335
Ion Ratio Lower Upper
142 100
127 50.4 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Tgt Ion: 59 Resp: 3896
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#15

Acrylonitrile

Concen: 1.990 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX031216.D

Acq: 08 Sep 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

MW-20DL

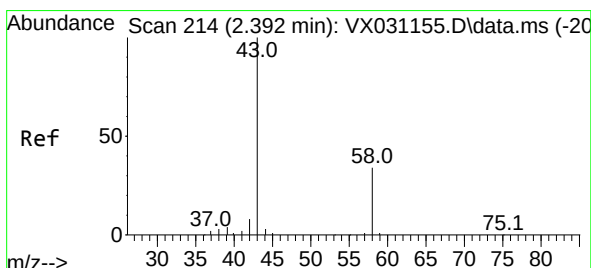
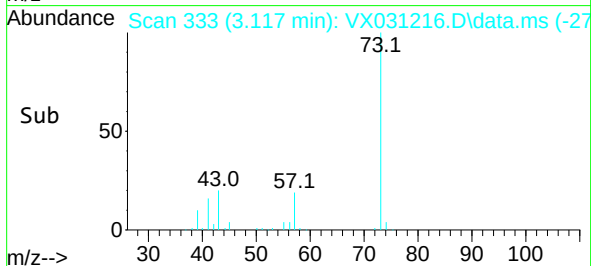
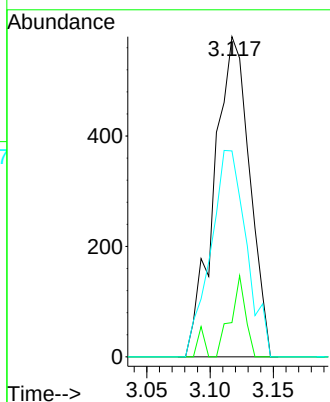
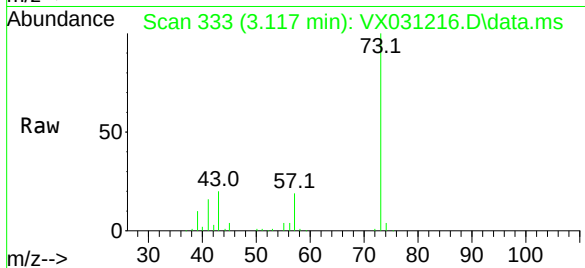
Tgt Ion: 53 Resp: 1134

Ion Ratio Lower Upper

53 100

52 10.6 65.4 98.0#

51 64.8 27.7 41.5#



#16

Acetone

Concen: 0.569 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031216.D

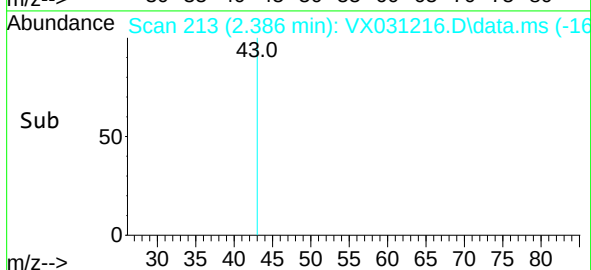
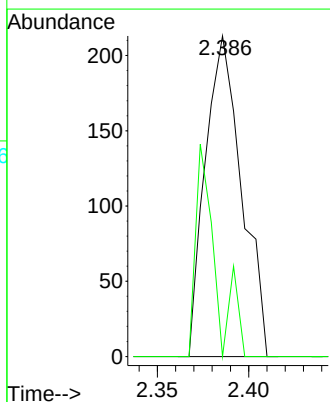
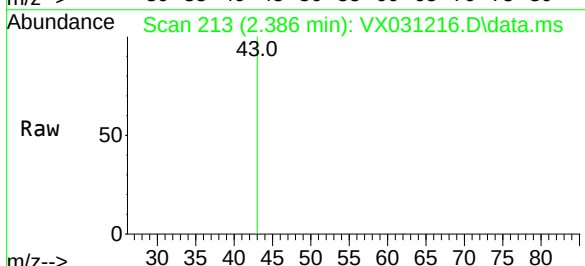
Acq: 08 Sep 2022 17:04

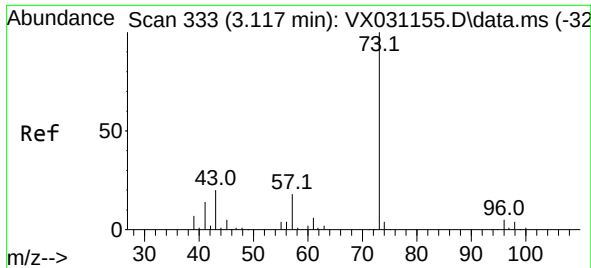
Tgt Ion: 43 Resp: 295

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#

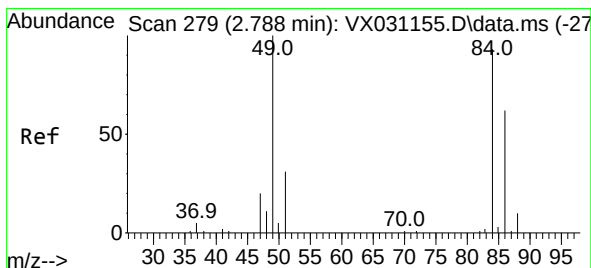
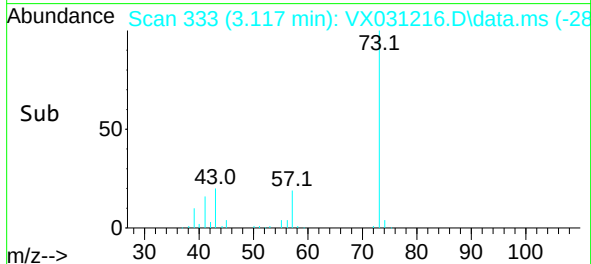
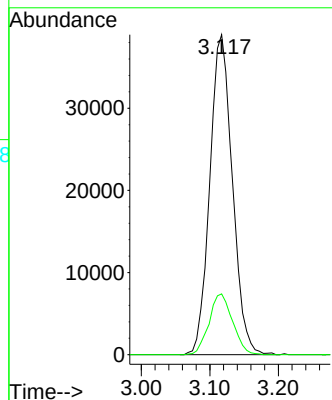
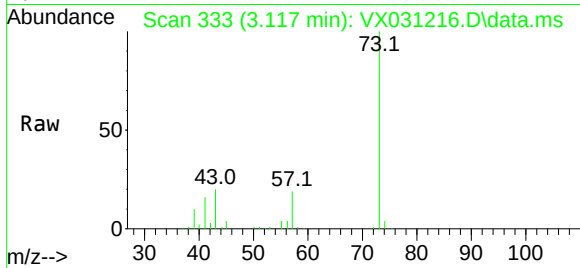




#19
Methyl tert-butyl Ether
Concen: 23.518 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

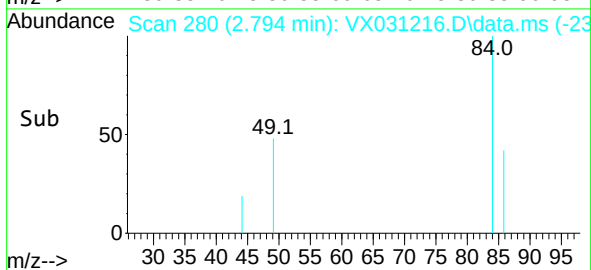
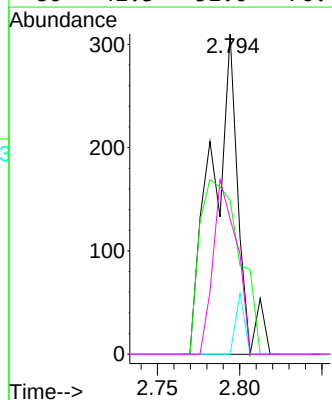
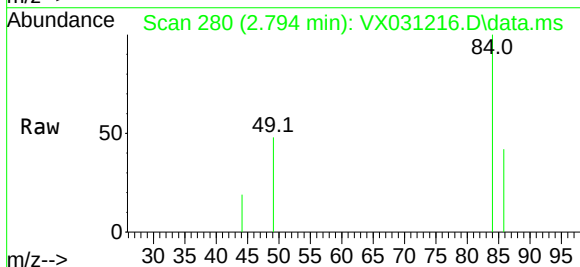
Instrument :
MSVOA_X
ClientSampleId :
MW-20DL

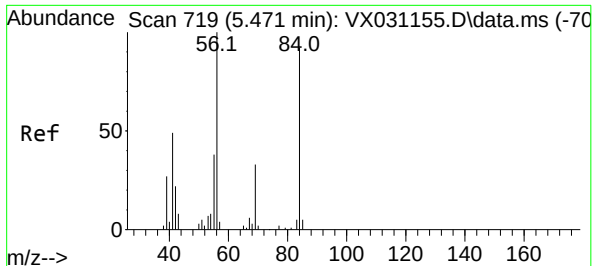
Tgt Ion: 73 Resp: 89167
Ion Ratio Lower Upper
73 100
57 19.0 19.0 28.6#



#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

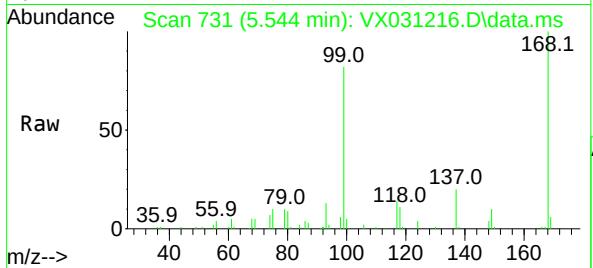
Tgt Ion: 84 Resp: 347
Ion Ratio Lower Upper
84 100
49 48.1 93.8 140.6#
51 0.0 29.4 44.0#
86 42.3 51.0 76.4#



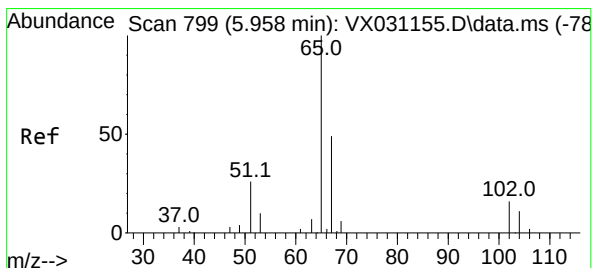
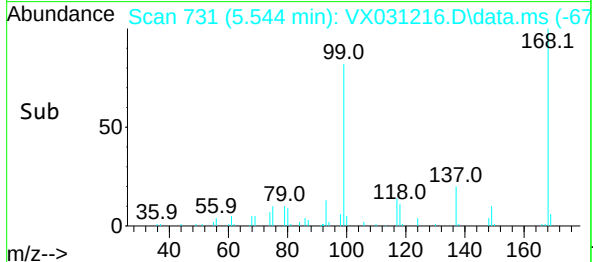
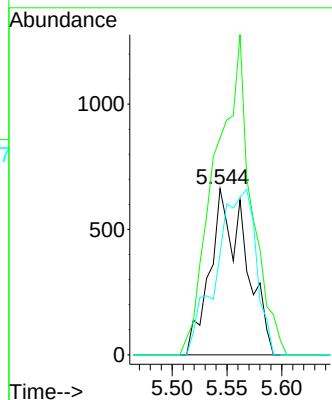


#31
Cyclohexane
Concen: 0.888 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-20DL

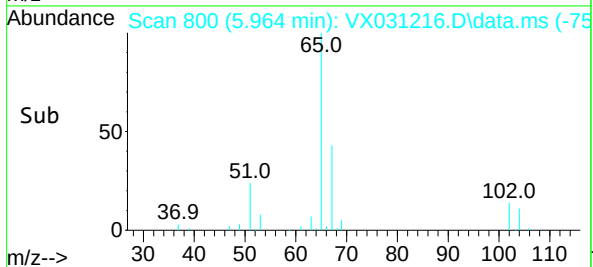
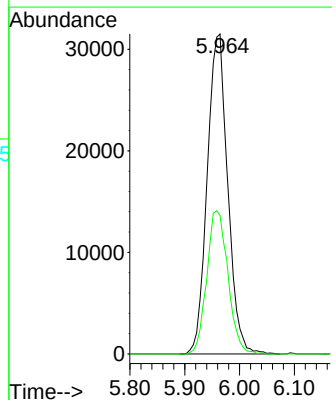
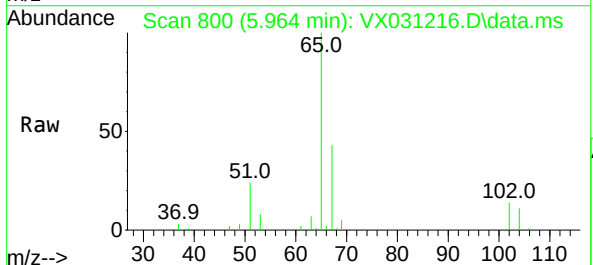


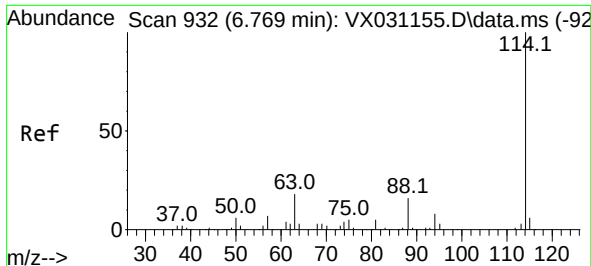
Tgt Ion: 56 Resp: 1486
Ion Ratio Lower Upper
56 100
69 130.5 25.4 38.0#
84 60.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.608 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Tgt Ion: 65 Resp: 81740
Ion Ratio Lower Upper
65 100
67 46.3 0.0 109.6

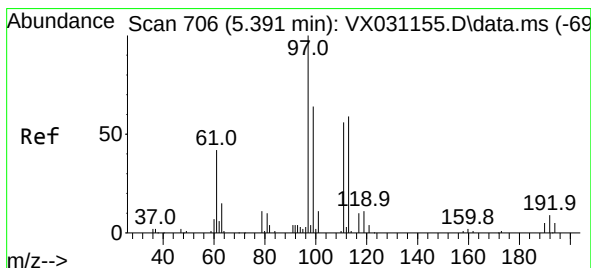
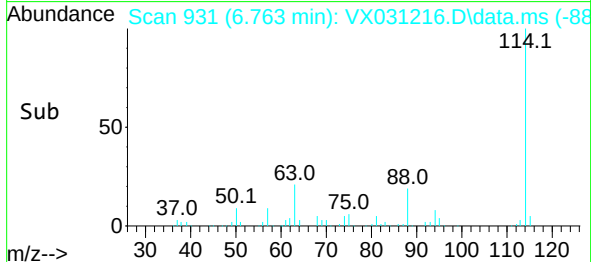
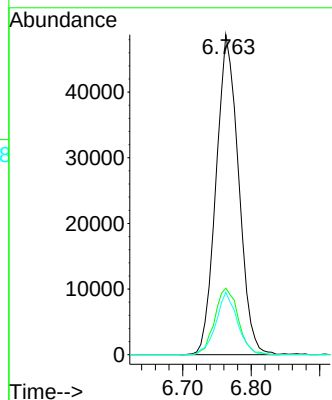
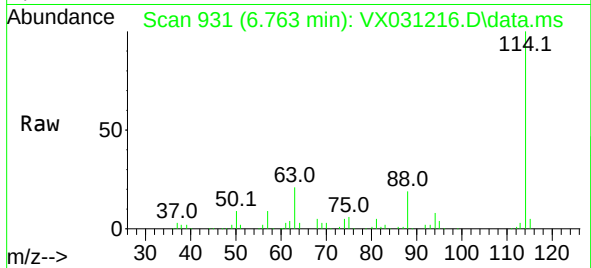




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

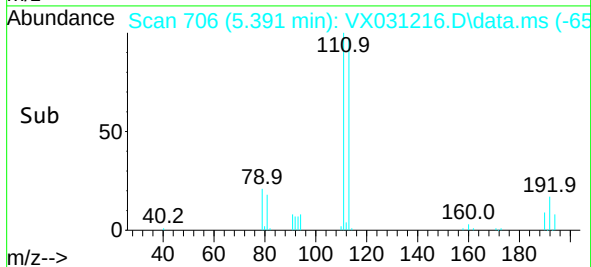
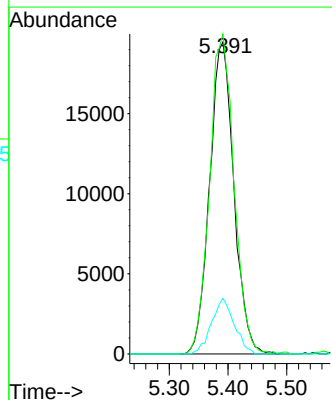
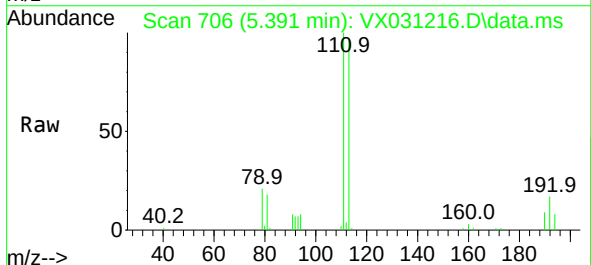
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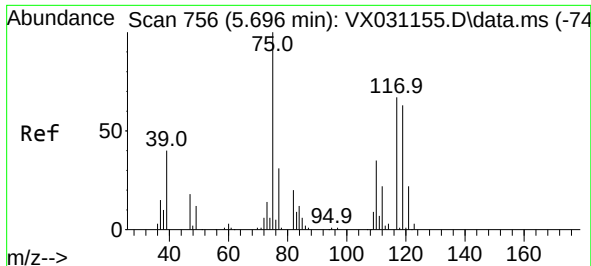
Tgt Ion:114 Resp: 111152
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.4
88 19.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.975 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Tgt Ion:113 Resp: 55688
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 16.8 14.8 22.2

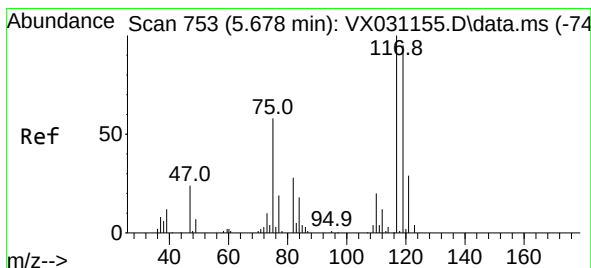
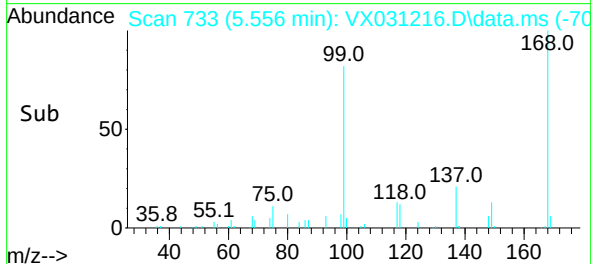
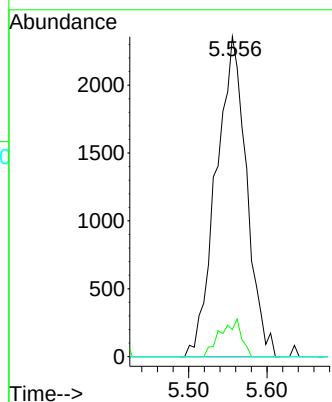
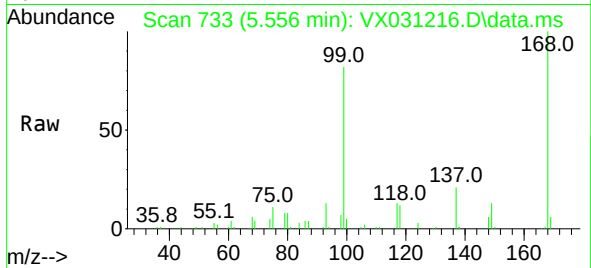




#36
1,1-Dichloropropene
Concen: 3.508 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

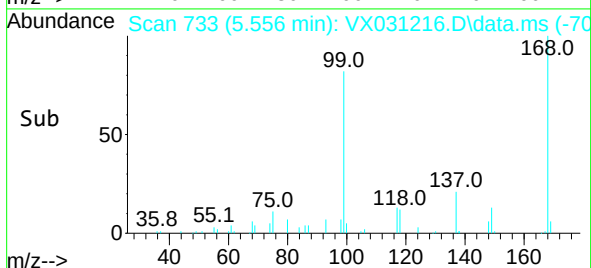
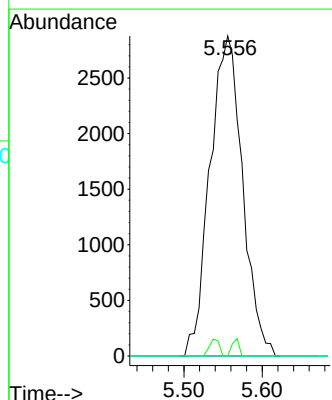
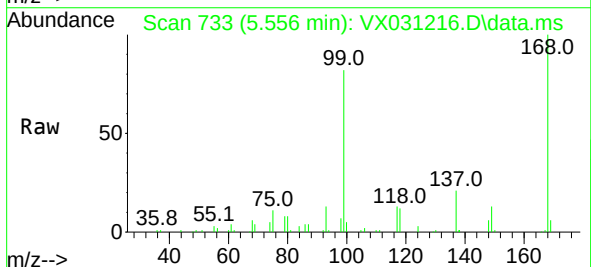
Instrument :
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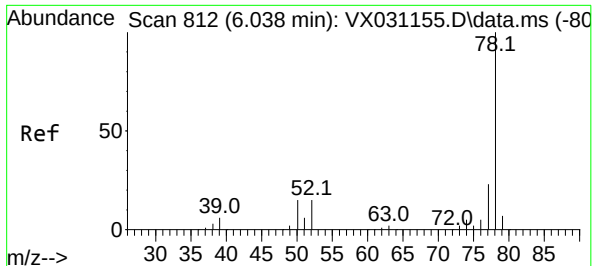
Tgt Ion: 75 Resp: 6364
Ion Ratio Lower Upper
75 100
110 8.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.363 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Tgt Ion: 117 Resp: 8327
Ion Ratio Lower Upper
117 100
119 0.0 74.1 111.1#
121 0.0 25.8 38.8#

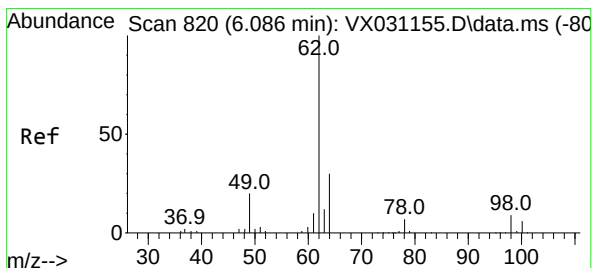
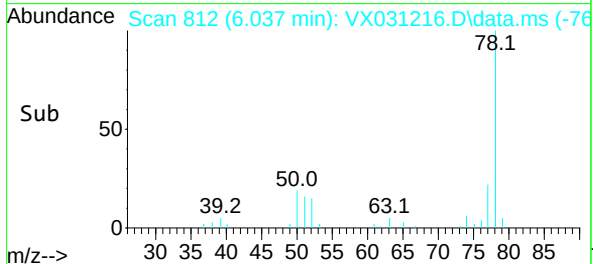
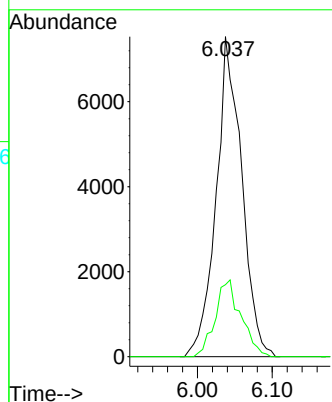
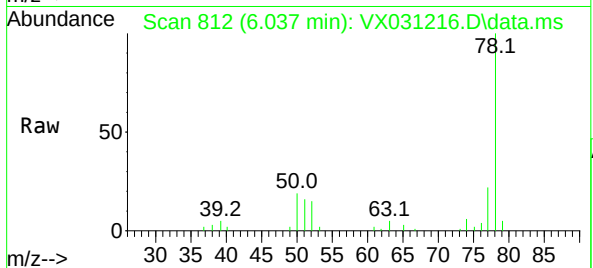




#40
Benzene
Concen: 3.632 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

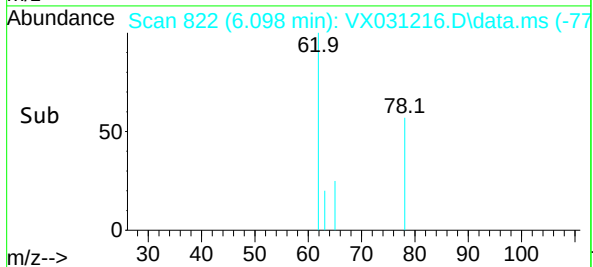
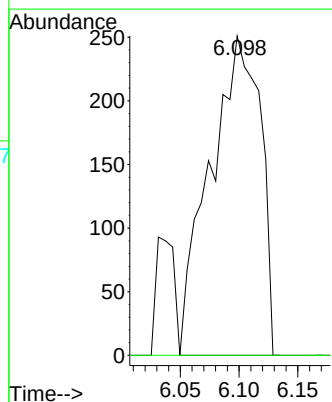
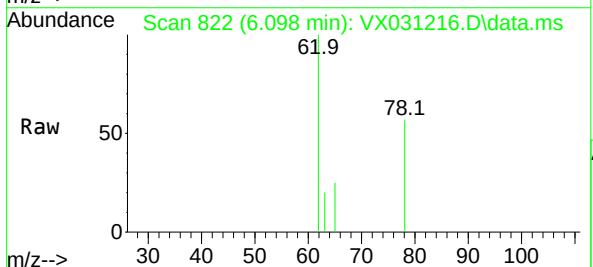
Instrument :
MSVOA_X
ClientSampleId :
MW-20DL

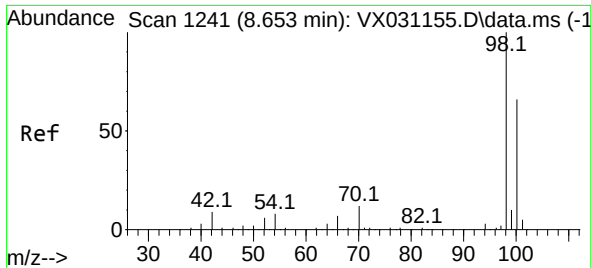
Tgt Ion: 78 Resp: 17897
Ion Ratio Lower Upper
78 100
77 22.5 18.0 27.0



#42
1,2-Dichloroethane
Concen: 0.371 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Tgt Ion: 62 Resp: 749
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

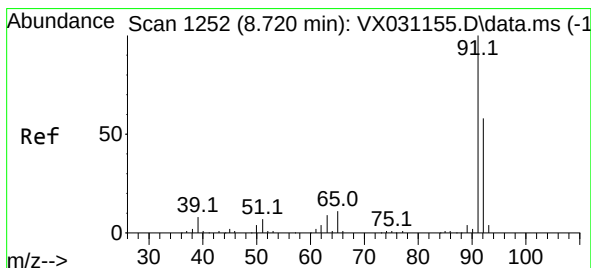
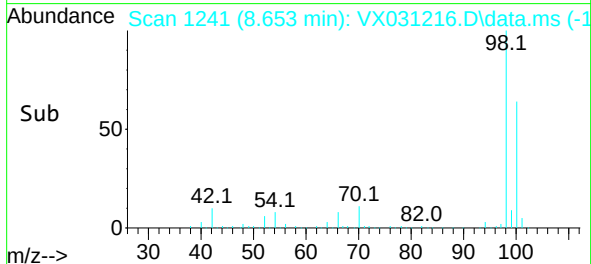
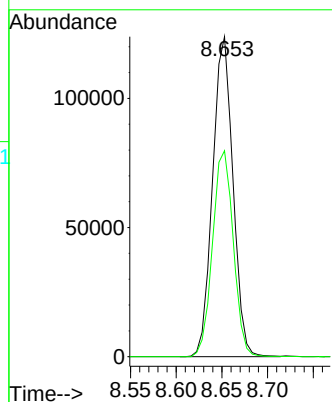
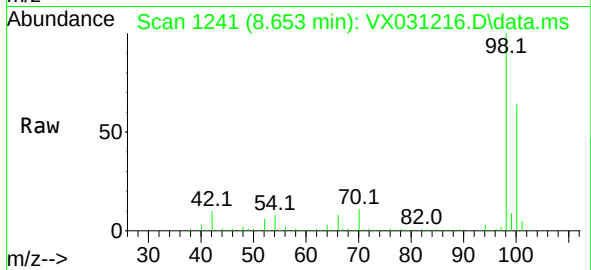




#50
Toluene-d8
Concen: 43.475 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

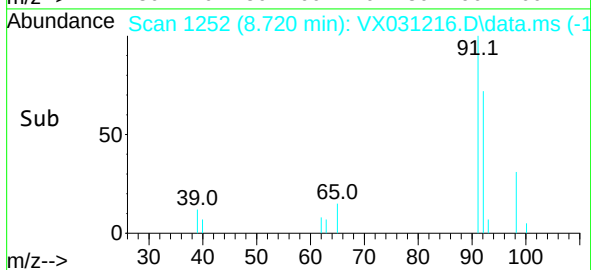
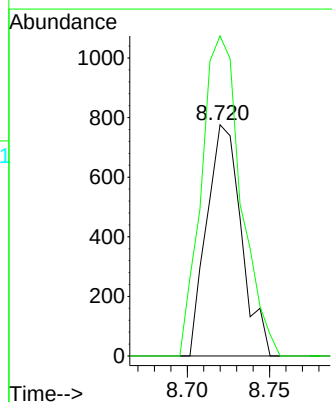
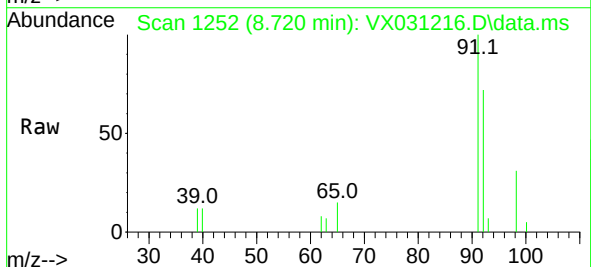
Instrument :
MSVOA_X
ClientSampleId :
MW-20DL

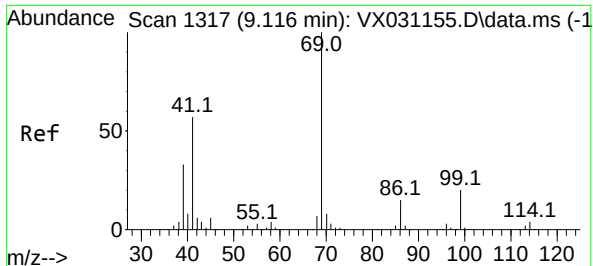
Tgt Ion: 98 Resp: 191324
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#52
Toluene
Concen: 0.348 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Tgt Ion: 92 Resp: 1132
Ion Ratio Lower Upper
92 100
91 159.1 139.2 208.8





#56

Ethyl methacrylate

Concen: 0.236 ug/l

RT: 8.842 min Scan# 11

Delta R.T. -0.274 min

Lab File: VX031216.D

Acq: 08 Sep 2022 17:04

Instrument :

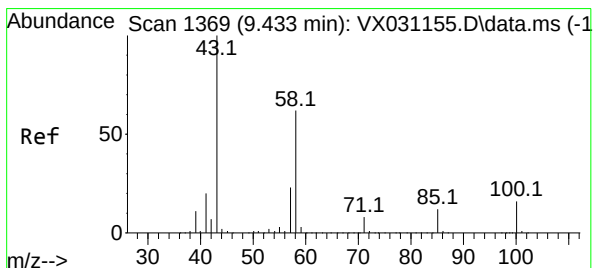
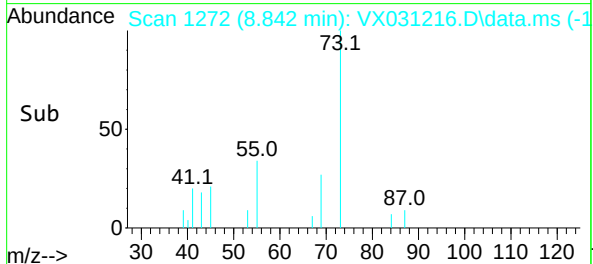
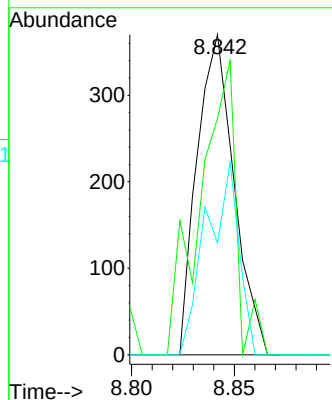
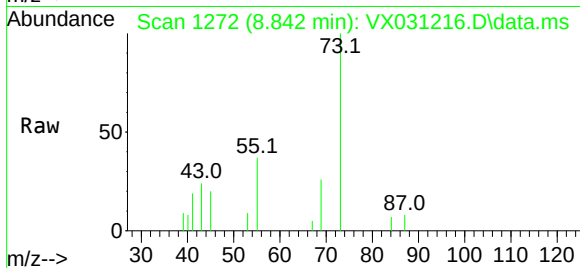
MSVOA_X

ClientSampleId :

MW-20DL

Tgt Ion: 69 Resp: 464

Ion	Ratio	Lower	Upper
69	100		
41	89.9	52.3	78.5#
39	52.8	28.2	42.4#



#59

2-Hexanone

Concen: 0.289 ug/l

RT: 9.561 min Scan# 1390

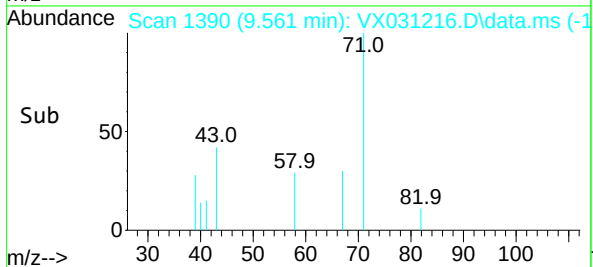
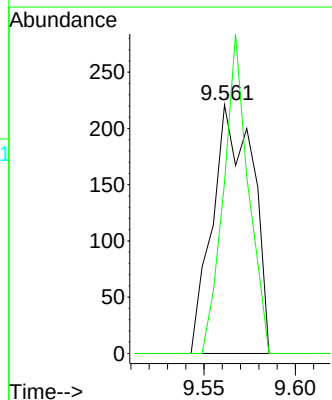
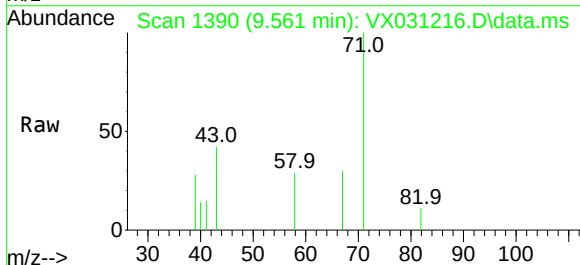
Delta R.T. 0.128 min

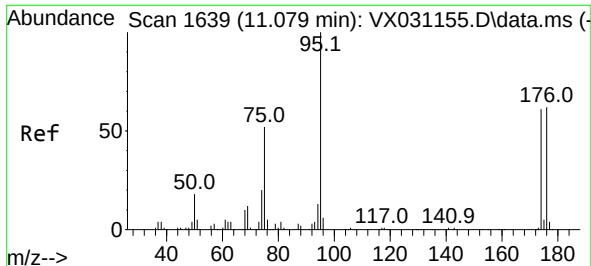
Lab File: VX031216.D

Acq: 08 Sep 2022 17:04

Tgt Ion: 43 Resp: 339

Ion	Ratio	Lower	Upper
43	100		
58	78.8	27.6	82.8





#62

4-Bromofluorobenzene

Concen: 45.912 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031216.D

Acq: 08 Sep 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

MW-20DL

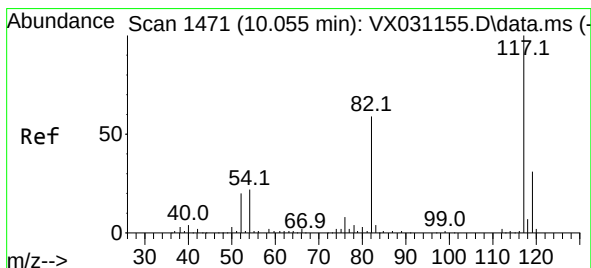
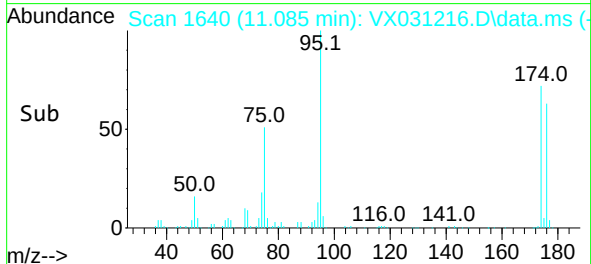
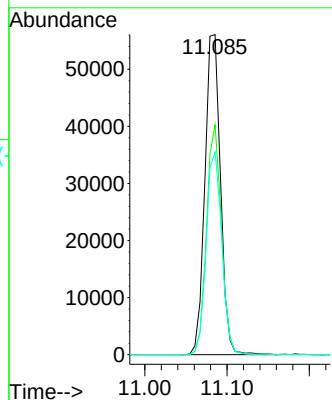
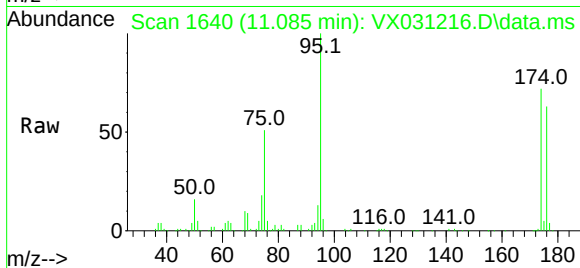
Tgt Ion: 95 Resp: 74044

Ion Ratio Lower Upper

95 100

174 68.7 0.0 149.0

176 62.9 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031216.D

Acq: 08 Sep 2022 17:04

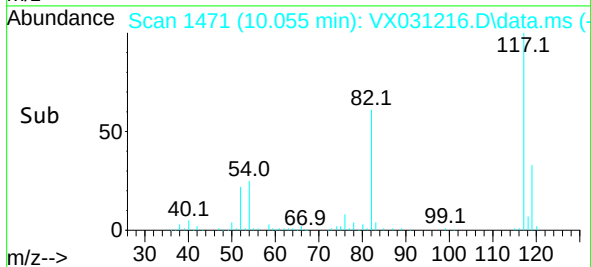
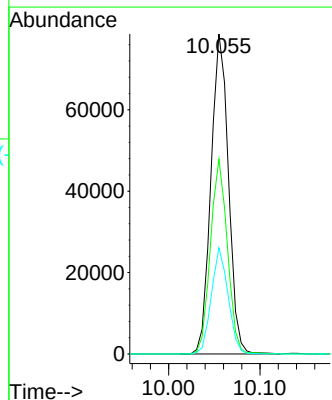
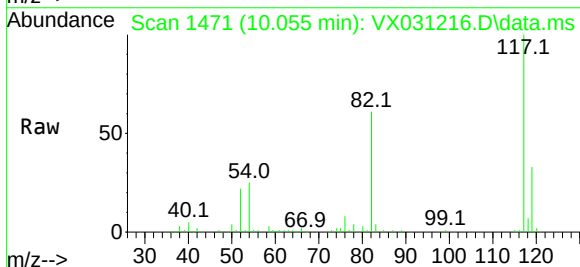
Tgt Ion: 117 Resp: 104200

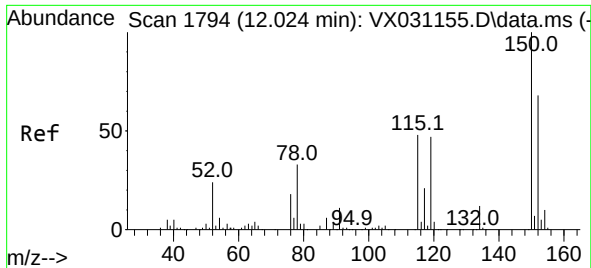
Ion Ratio Lower Upper

117 100

82 60.9 42.7 64.1

119 33.2 25.4 38.2

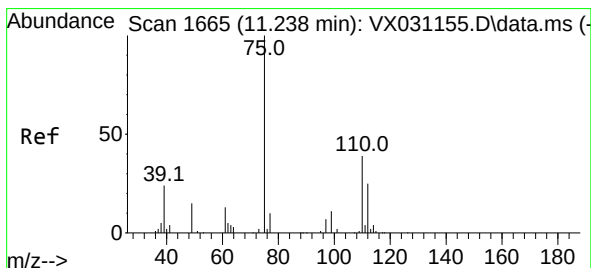
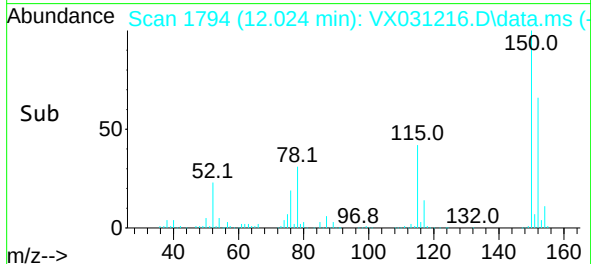
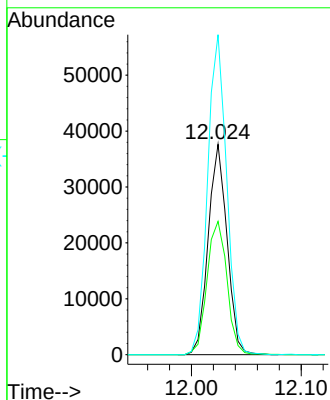
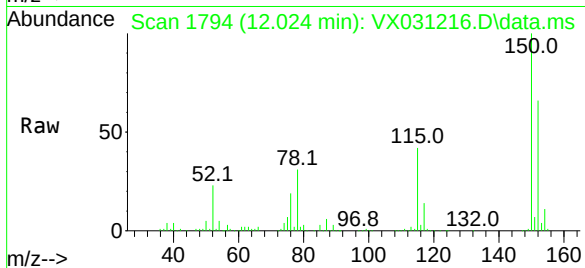




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031216.D
 Acq: 08 Sep 2022 17:04

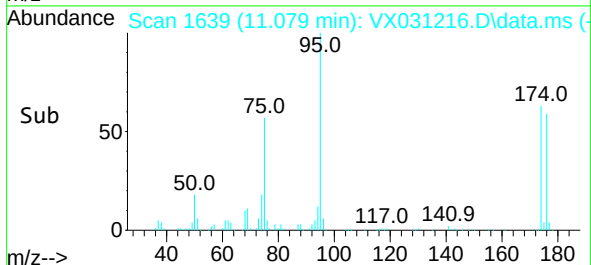
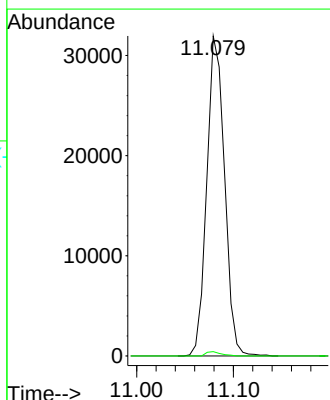
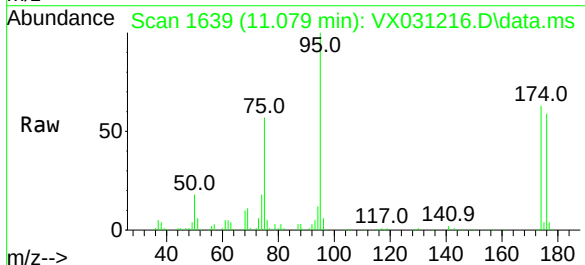
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20DL

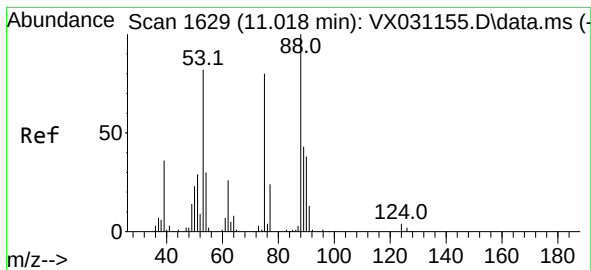
Tgt Ion:152 Resp: 45004
 Ion Ratio Lower Upper
 152 100
 115 67.2 40.5 121.5
 150 152.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 33.179 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031216.D
 Acq: 08 Sep 2022 17:04

Tgt Ion: 75 Resp: 40751
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.997 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031216.D
 Acq: 08 Sep 2022 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20DL

Tgt Ion: 75 Resp: 40751
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

