

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030336.D
 Acq On : 01 Aug 2022 20:35
 Operator : JC/MD
 Sample : N3861-15RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: Aug 02 01:57:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	128251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156212	60.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.200%	
35) Dibromofluoromethane	5.391	113	122950	56.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.800%	
50) Toluene-d8	8.653	98	457413	54.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.320%	
62) 4-Bromofluorobenzene	11.085	95	159180	51.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.500%	

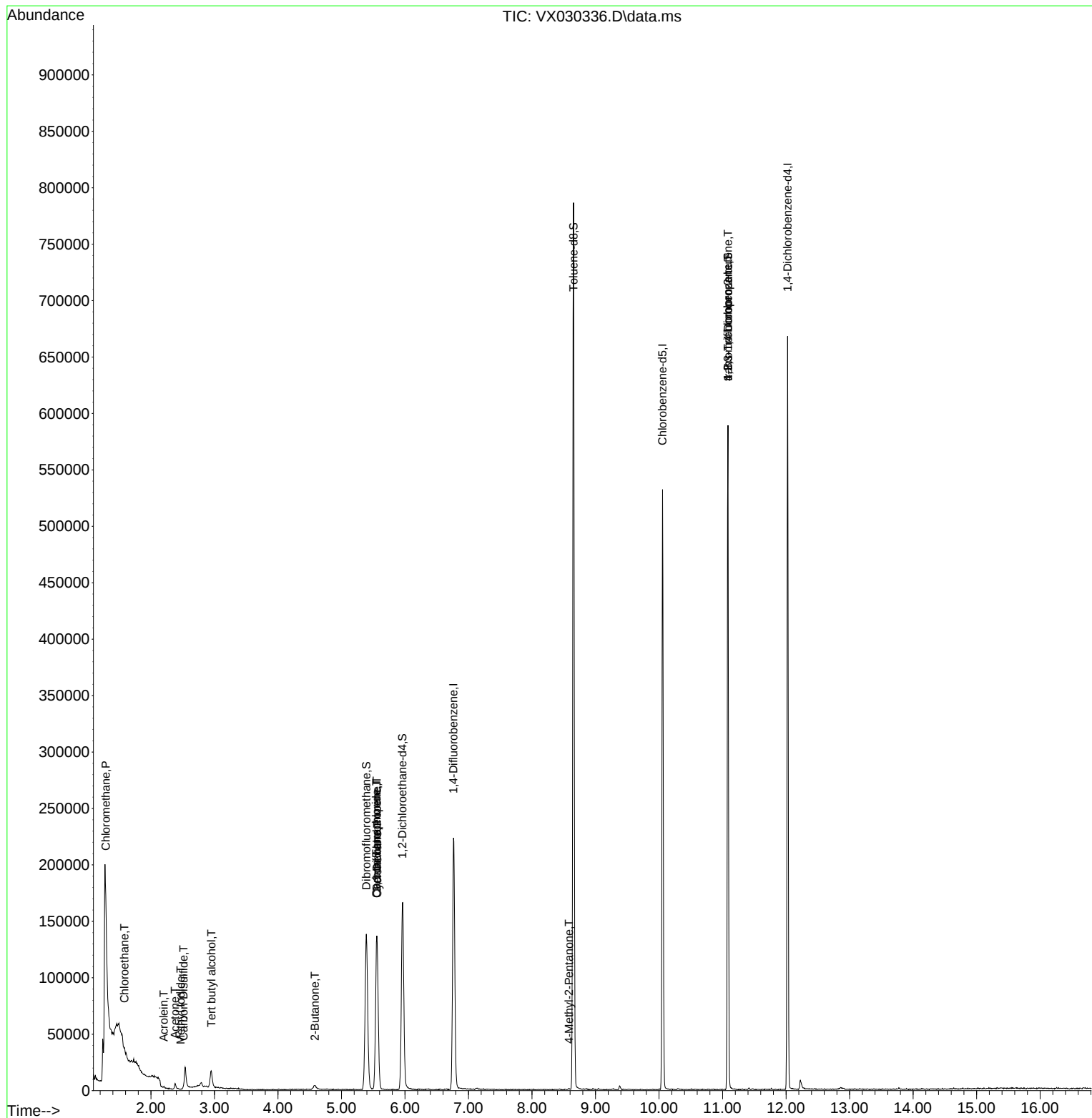
Target Compounds			Qvalue			
3) Chloromethane	1.288	50	7948	3.819	ug/l #	45
5) Bromomethane	1.605	94	473	Below Cal		89
6) Chloroethane	1.581	64	16784	13.917	ug/l #	48
10) Methyl Iodide	2.465	142	100	1.573	ug/l #	45
11) Tert butyl alcohol	2.952	59	9816	15.611	ug/l #	78
13) Acrolein	2.203	56	53	0.343	ug/l #	1
16) Acetone	2.379	43	4321	3.274	ug/l	99
17) Carbon Disulfide	2.514	76	2953	0.546	ug/l #	94
20) Methylene Chloride	2.794	84	1016	Below Cal	#	87
25) 2-Butanone	4.580	43	888	0.400	ug/l #	77
31) Cyclohexane	5.562	56	3072	0.821	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10974	3.529	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12828	4.418	ug/l #	17
51) 4-Methyl-2-Pentanone	8.579	43	934	0.213	ug/l #	80
67) Ethyl Benzene	10.207	91	145	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	80825	23.557	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	80825	70.670	ug/l #	13

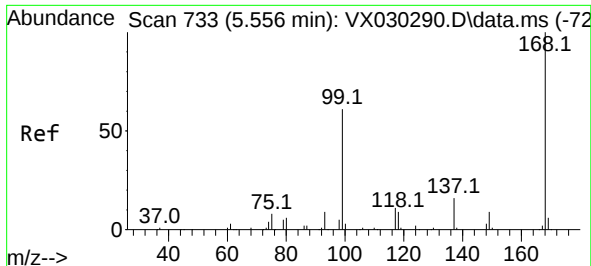
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
Data File : VX030336.D
Acq On : 01 Aug 2022 20:35
Operator : JC/MD
Sample : N3861-15RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

Quant Time: Aug 02 01:57:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

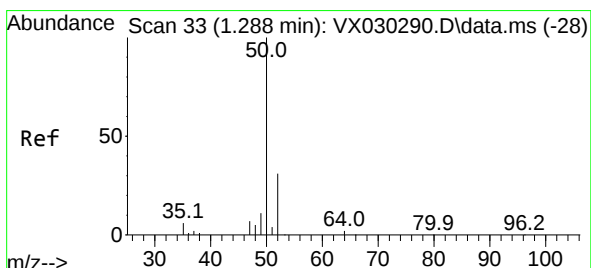
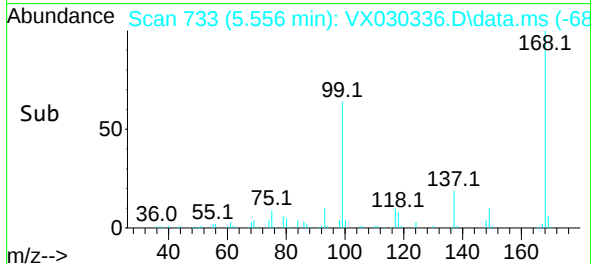
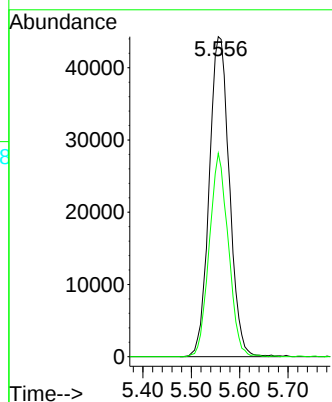
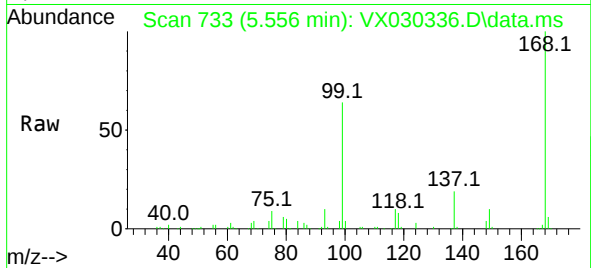




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

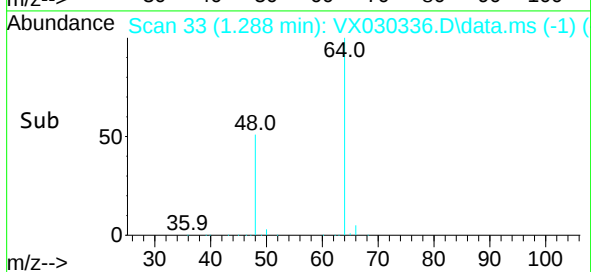
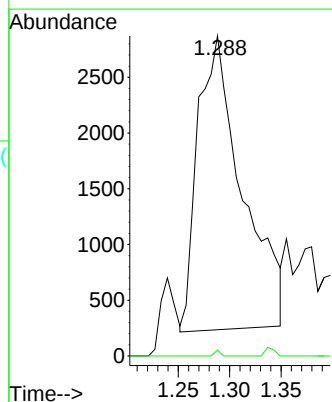
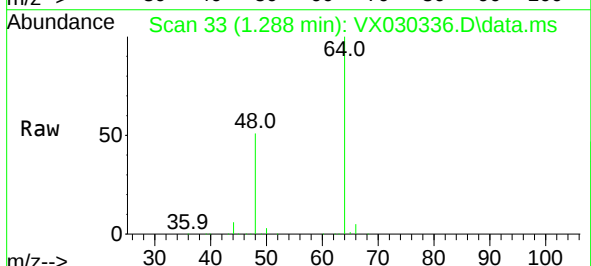
Instrument :
MSVOA_X
ClientSampleId :
MW-25

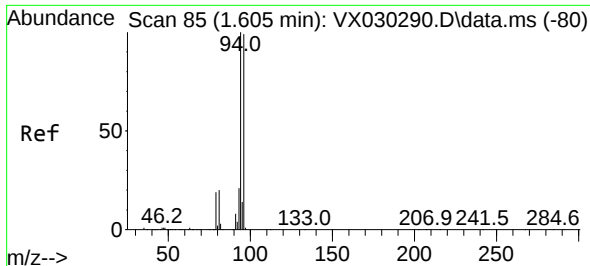
Tgt Ion:168 Resp: 128251
Ion Ratio Lower Upper
168 100
99 63.6 44.0 66.0



#3
Chloromethane
Concen: 3.819 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Tgt Ion: 50 Resp: 7948
Ion Ratio Lower Upper
50 100
52 2.0 26.3 39.5

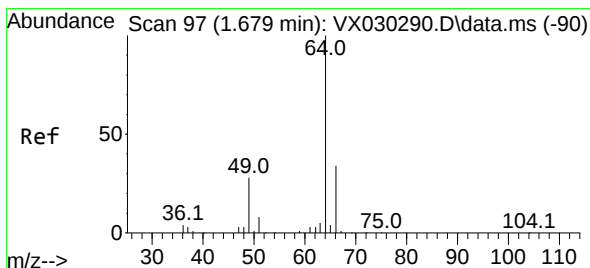
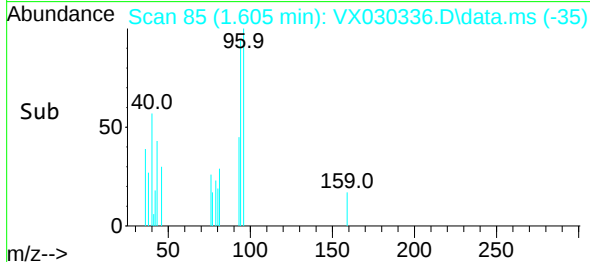
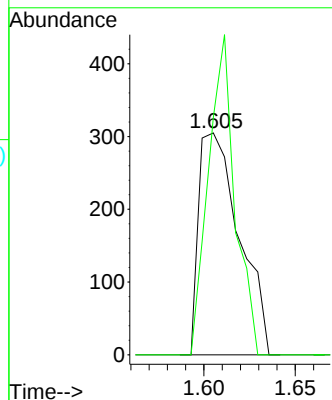
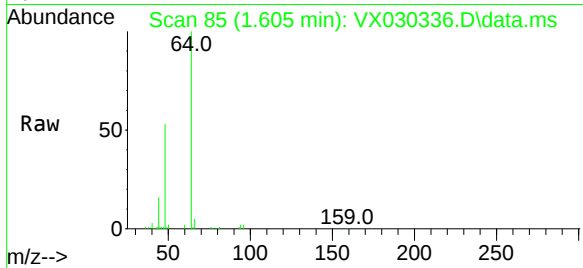




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

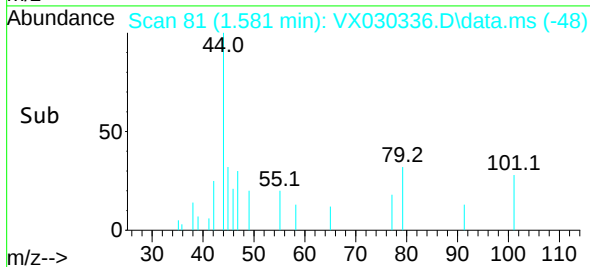
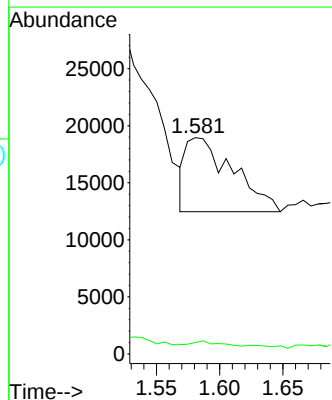
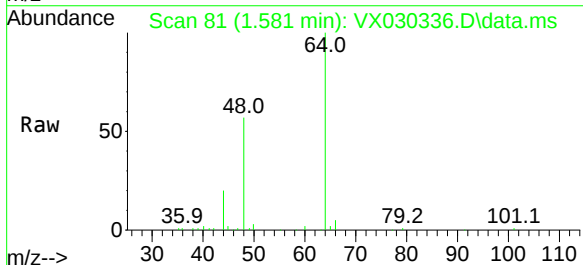
Instrument :
MSVOA_X
ClientSampleId :
MW-25

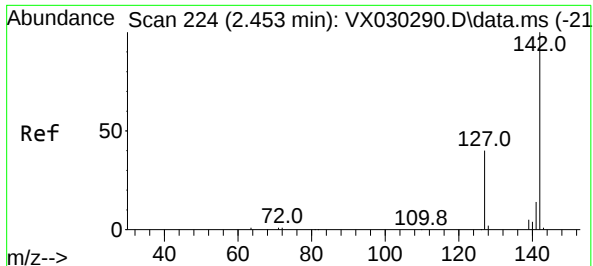
Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 106.9 76.9 115.3



#6
Chloroethane
Concen: 13.917 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.097 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Tgt Ion: 64 Resp: 16784
Ion Ratio Lower Upper
64 100
66 4.5 27.2 40.8#

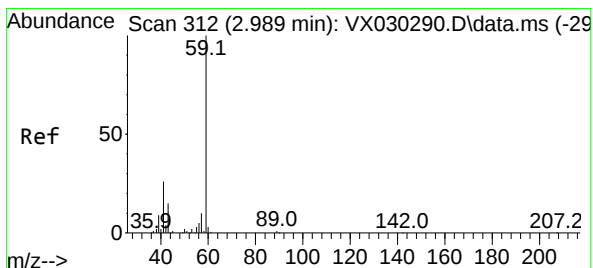
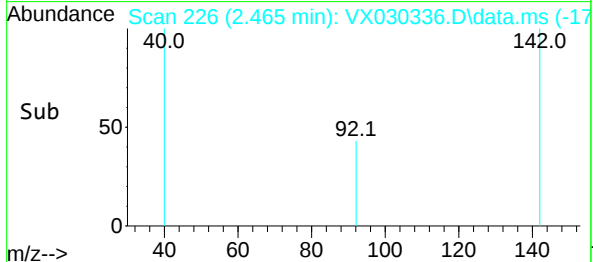
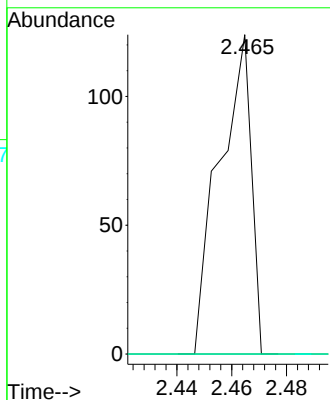
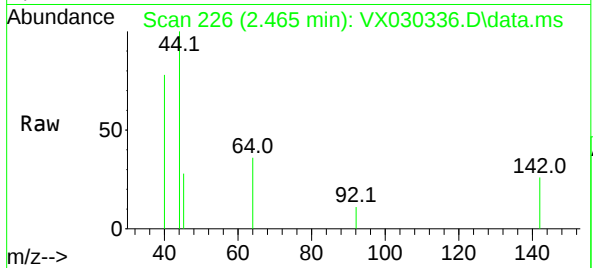




#10
Methyl Iodide
Concen: 1.573 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

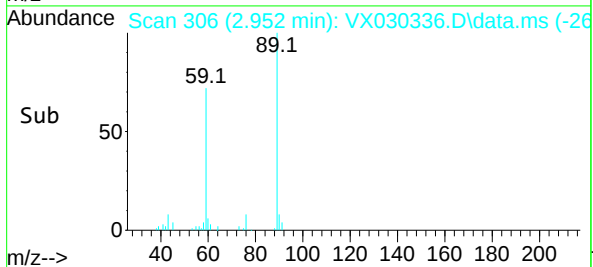
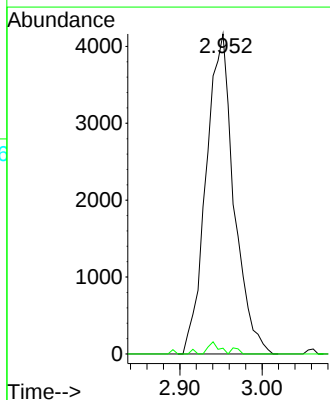
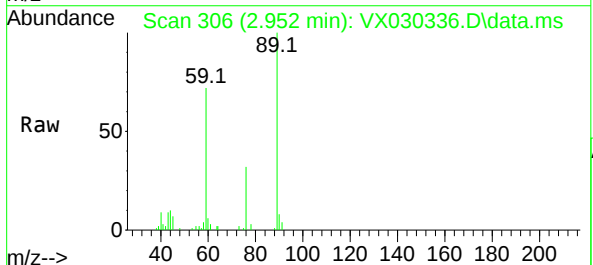
Instrument :
MSVOA_X
ClientSampleId :
MW-25

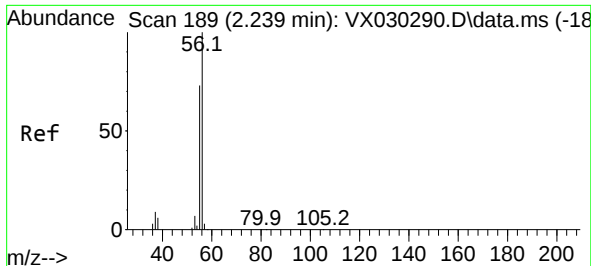
Tgt Ion:142 Resp: 100
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 15.611 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Tgt Ion: 59 Resp: 9816
Ion Ratio Lower Upper
59 100
57 1.4 7.4 11.2#

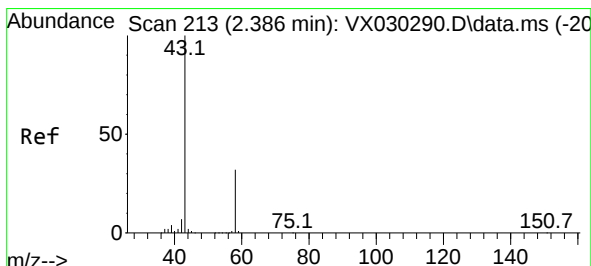
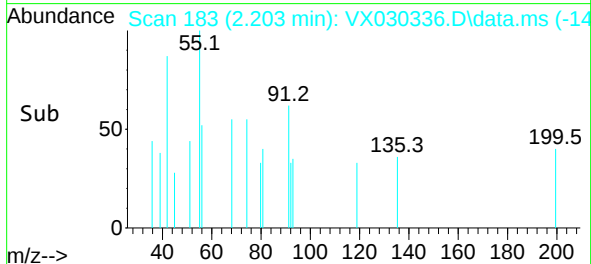
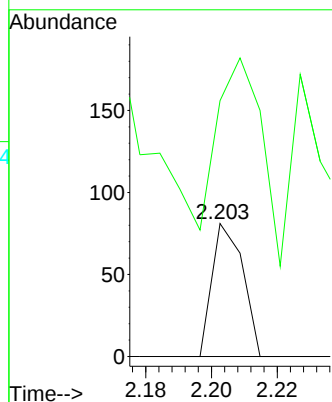
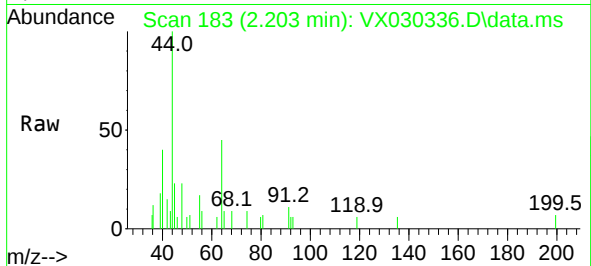




#13
Acrolein
Concen: 0.343 ug/l
RT: 2.203 min Scan# 11
Delta R.T. -0.036 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

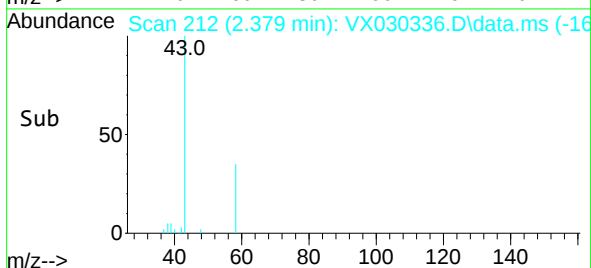
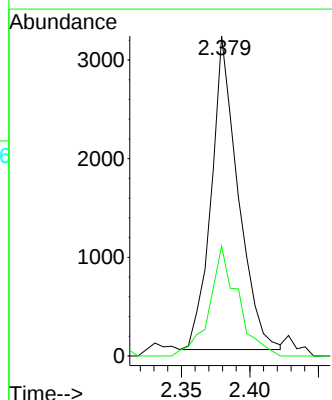
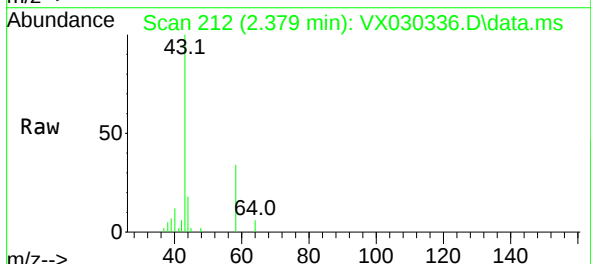
Instrument :
MSVOA_X
ClientSampleId :
MW-25

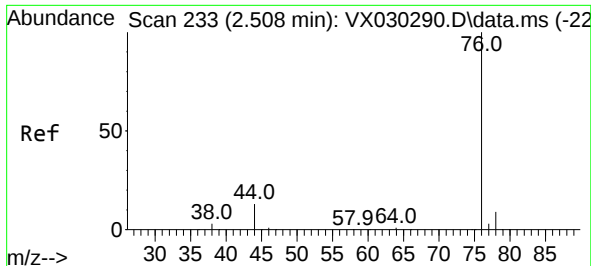
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 375.5 56.6 84.8#



#16
Acetone
Concen: 3.274 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Tgt Ion: 43 Resp: 4321
Ion Ratio Lower Upper
43 100
58 35.1 27.7 41.5





#17

Carbon Disulfide

Concen: 0.546 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX030336.D

Acq: 01 Aug 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

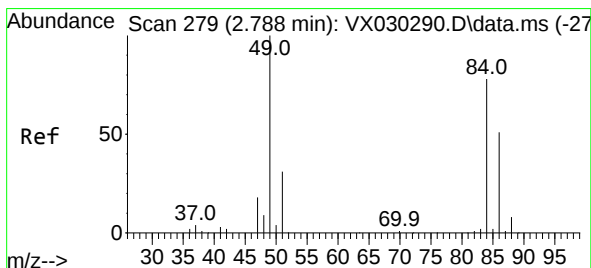
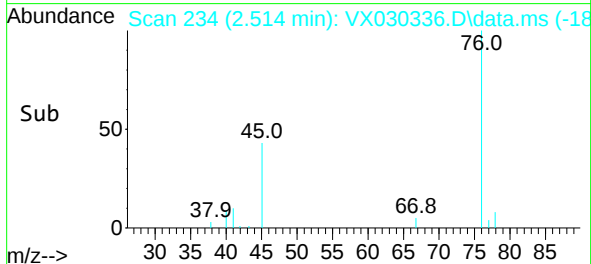
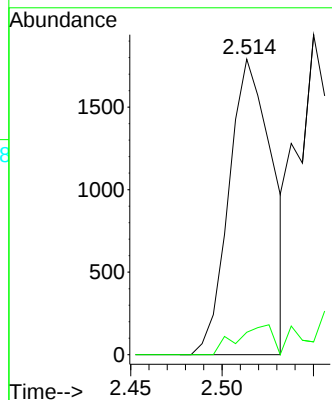
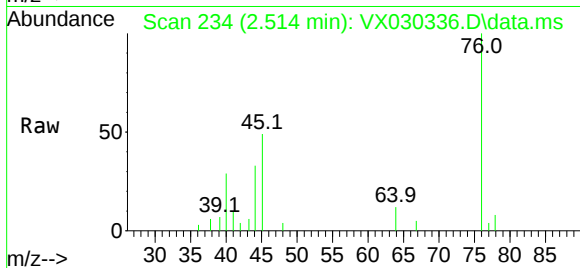
MW-25

Tgt Ion: 76 Resp: 2953

Ion Ratio Lower Upper

76 100

78 7.6 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX030336.D

Acq: 01 Aug 2022 20:35

Tgt Ion: 84 Resp: 1016

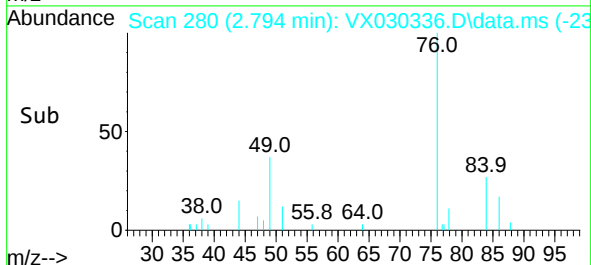
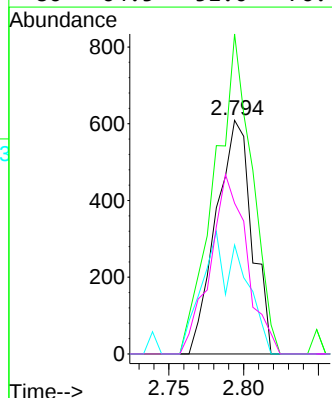
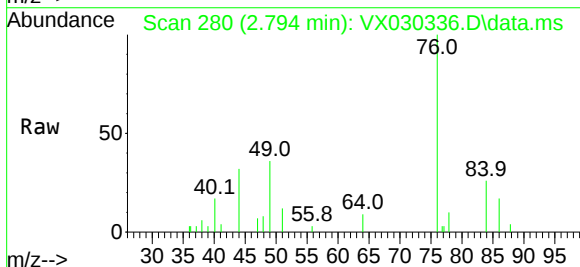
Ion Ratio Lower Upper

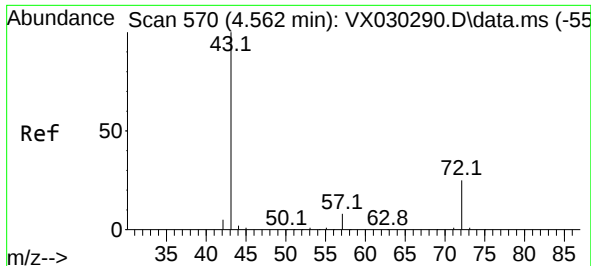
84 100

49 136.9 93.8 140.6

51 46.6 29.4 44.0#

86 64.5 51.0 76.4

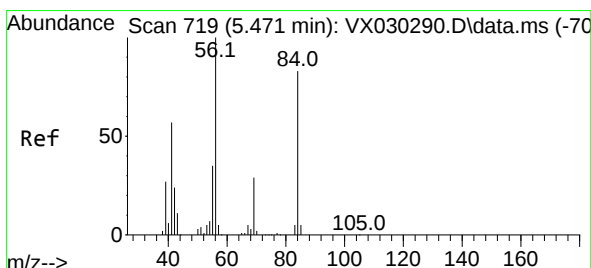
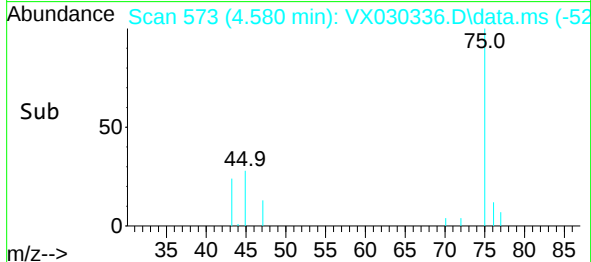
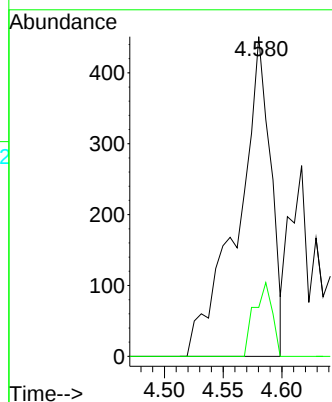
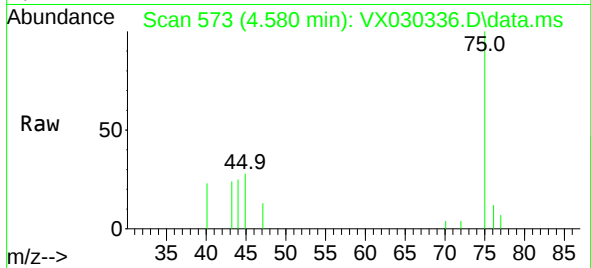




#25
2-Butanone
Concen: 0.400 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

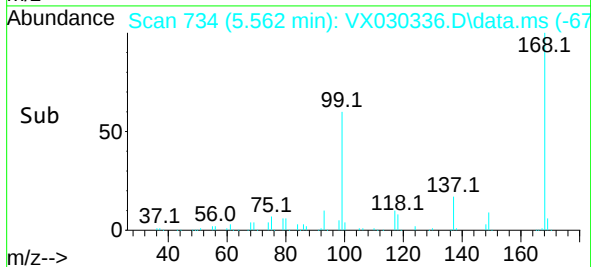
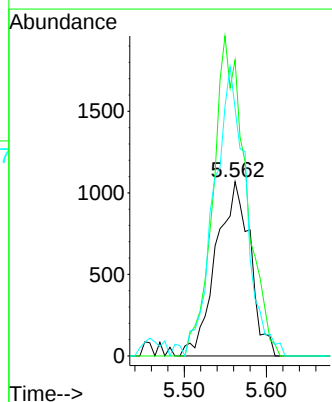
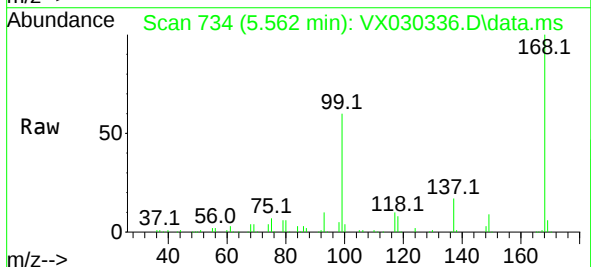
Instrument :
MSVOA_X
ClientSampleId :
MW-25

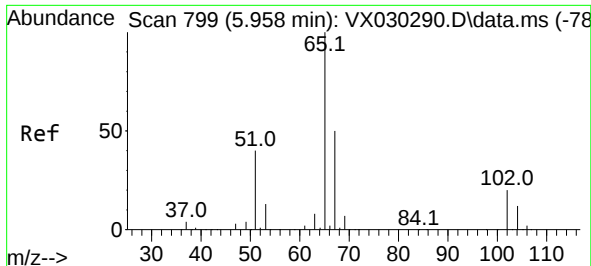
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
72 15.3 21.7 32.5#



#31
Cyclohexane
Concen: 0.821 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Tgt Ion: 56 Resp: 3072
Ion Ratio Lower Upper
56 100
69 169.9 25.4 38.0#
84 136.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 60.600 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030336.D

Acq: 01 Aug 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

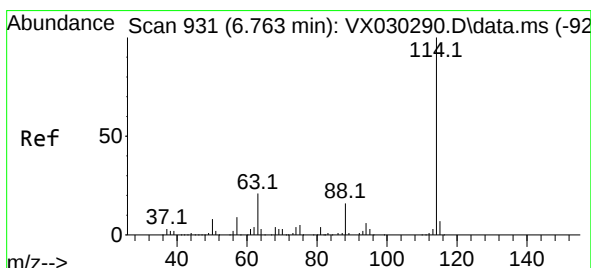
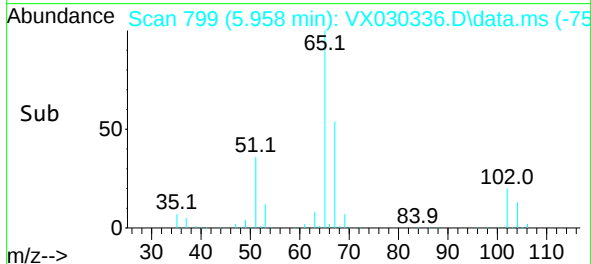
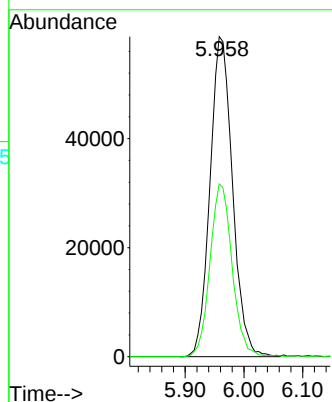
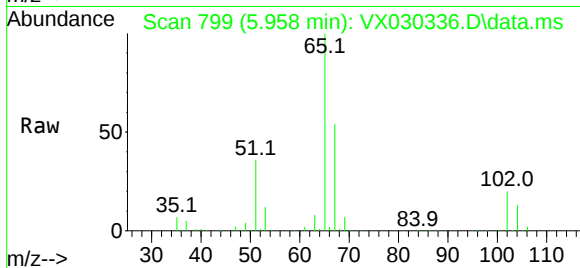
MW-25

Tgt Ion: 65 Resp: 156212

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030336.D

Acq: 01 Aug 2022 20:35

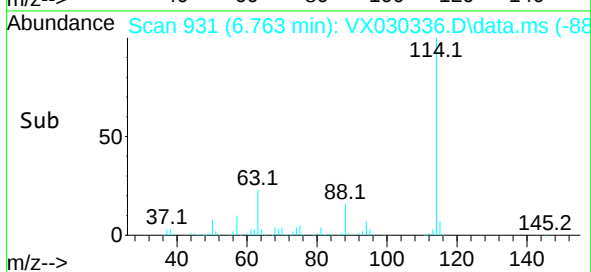
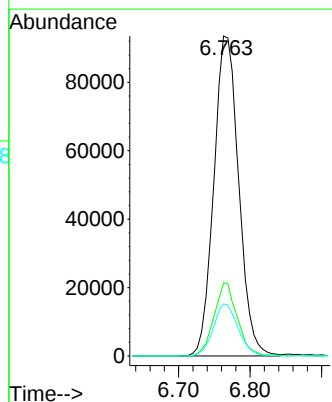
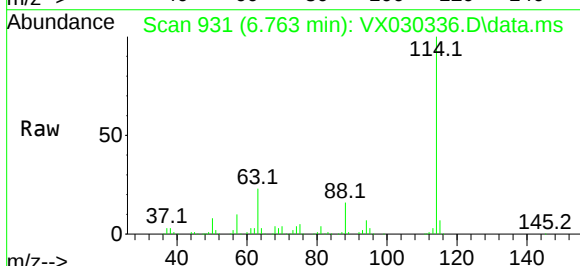
Tgt Ion: 114 Resp: 226057

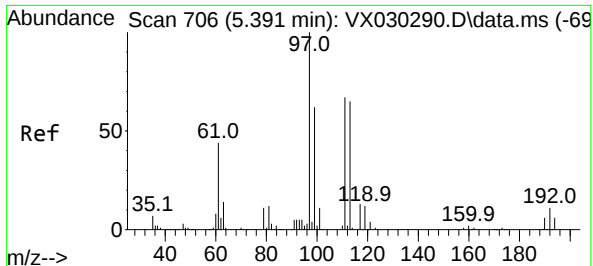
Ion Ratio Lower Upper

114 100

63 22.9 0.0 38.4

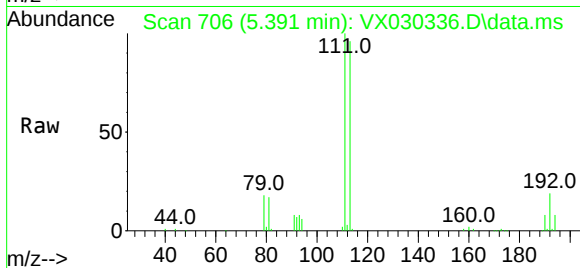
88 16.3 0.0 31.8



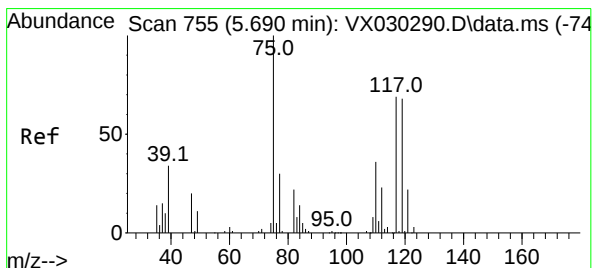
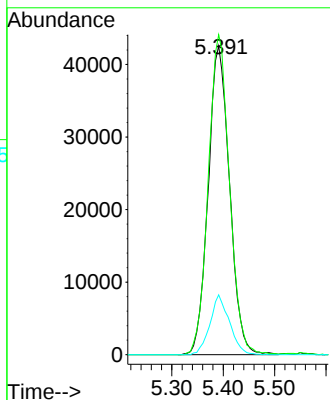
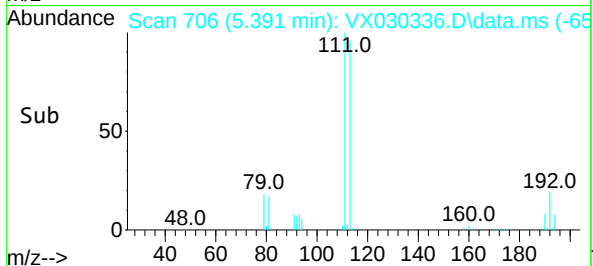


#35
Dibromofluoromethane
Concen: 56.895 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :
MW-25

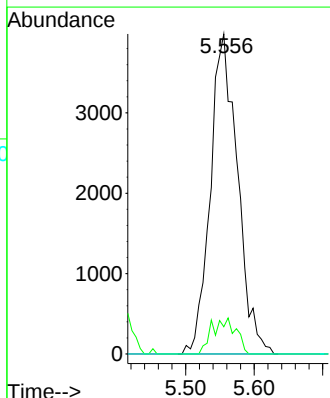
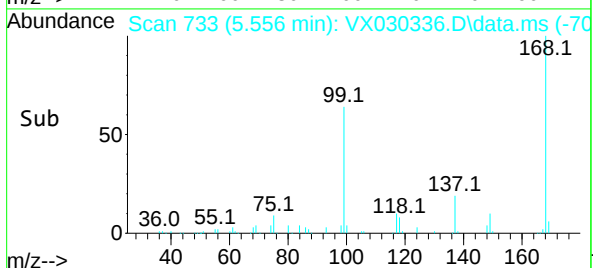
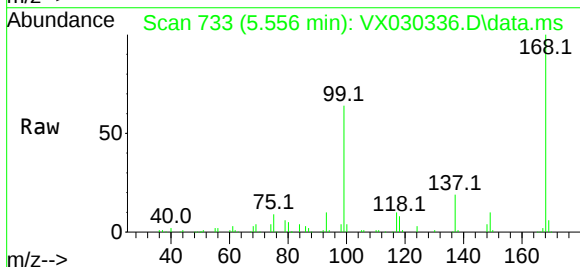


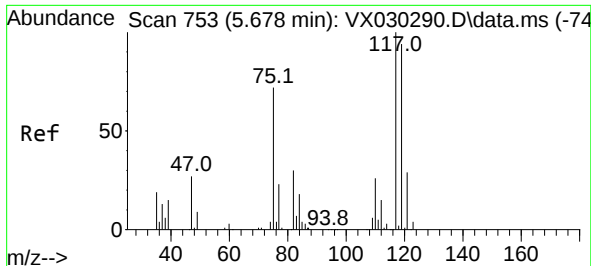
Tgt Ion:113 Resp: 122950
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 17.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.529 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Tgt Ion: 75 Resp: 10974
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#

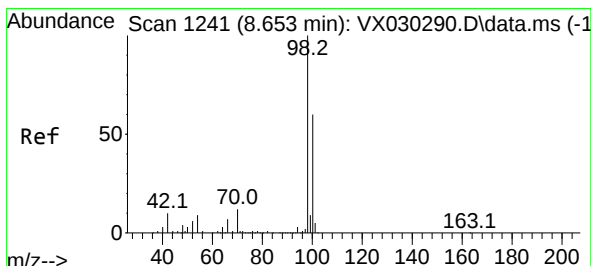
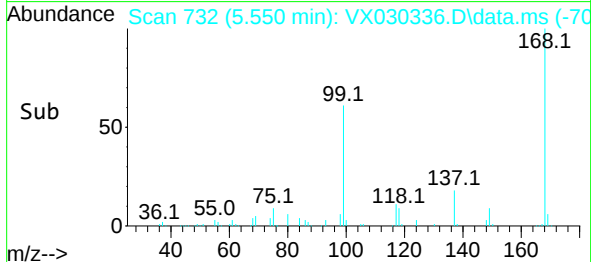
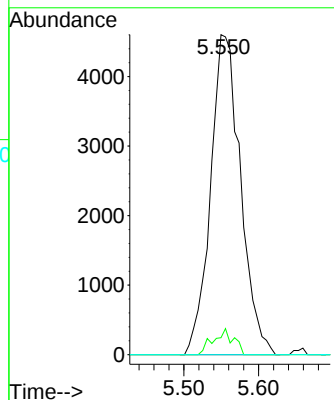
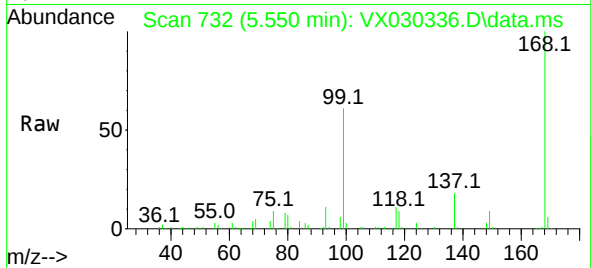




#38
Carbon Tetrachloride
Concen: 4.418 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

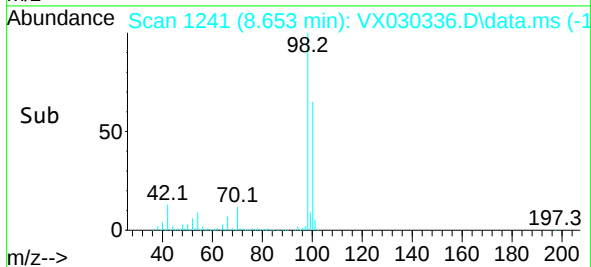
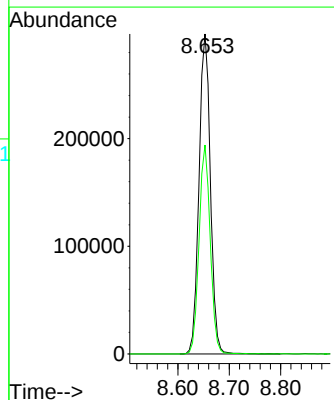
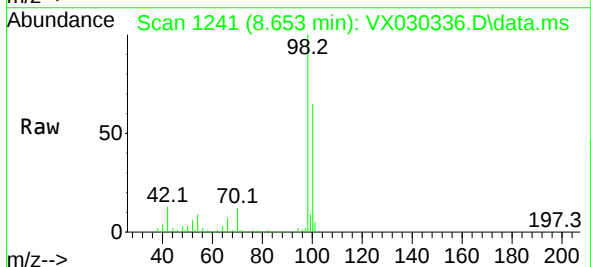
Instrument :
MSVOA_X
ClientSampleId :
MW-25

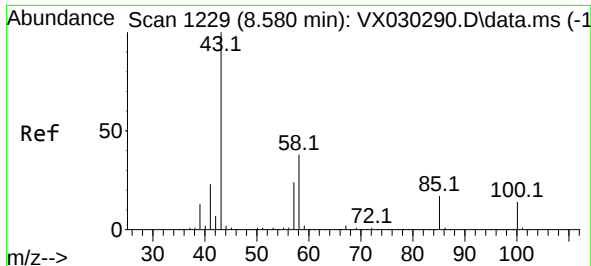
Tgt Ion:117 Resp: 12828
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 54.657 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Tgt Ion: 98 Resp: 457413
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5

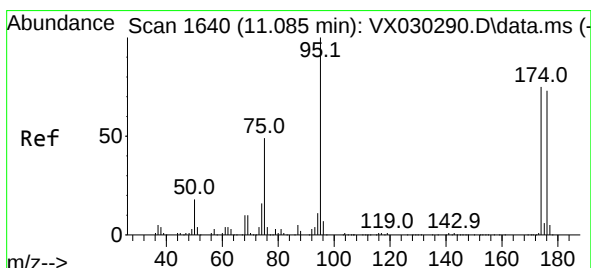
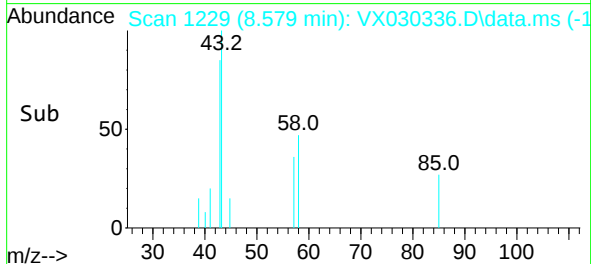
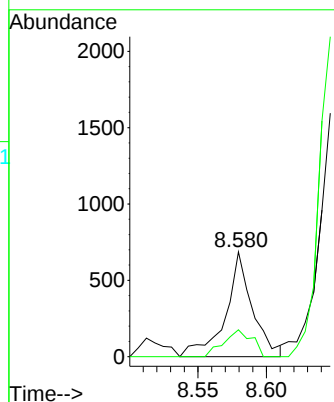
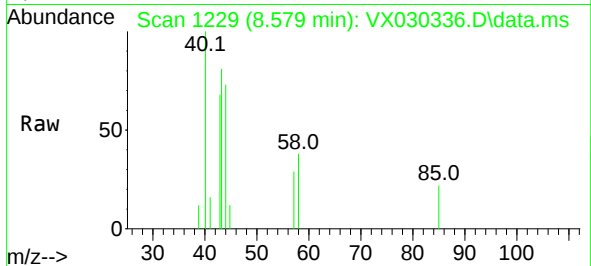




#51
4-Methyl-2-Pentanone
Concen: 0.213 ug/l
RT: 8.579 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

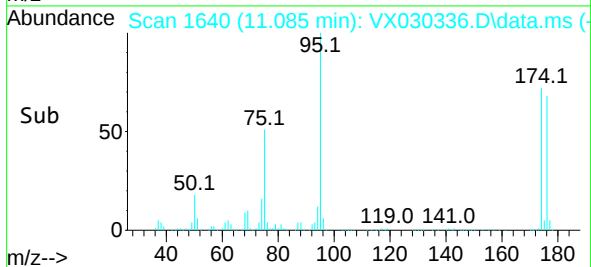
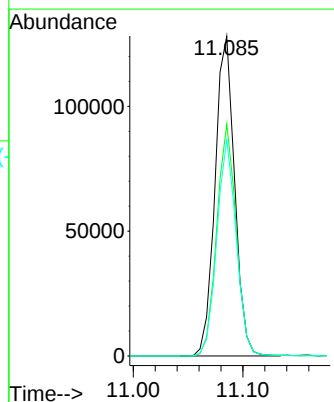
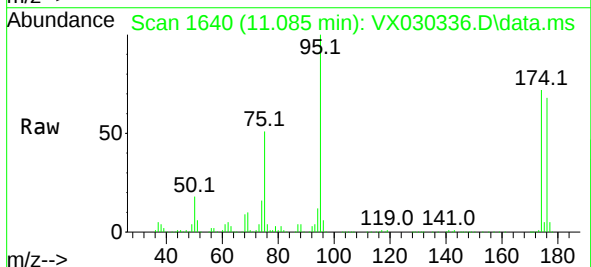
Instrument :
MSVOA_X
ClientSampleId :
MW-25

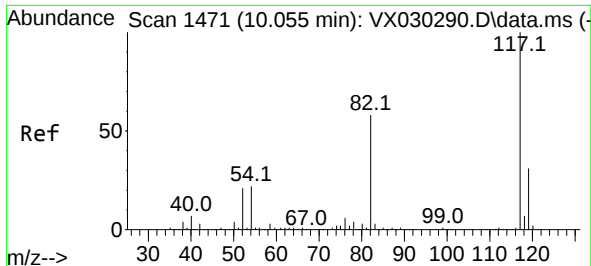
Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 26.9 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 51.252 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Tgt Ion: 95 Resp: 159180
Ion Ratio Lower Upper
95 100
174 72.0 0.0 149.0
176 67.0 0.0 146.0

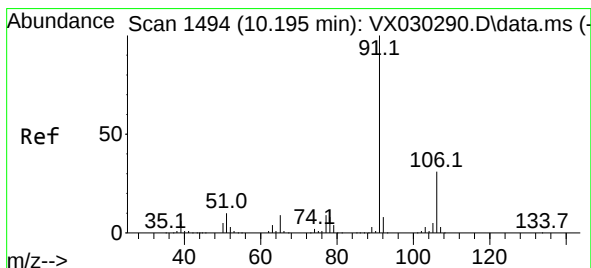
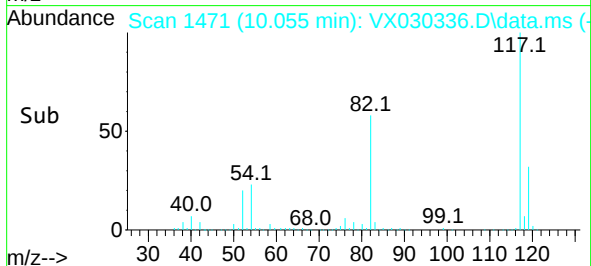
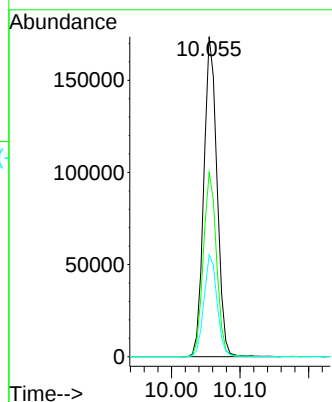
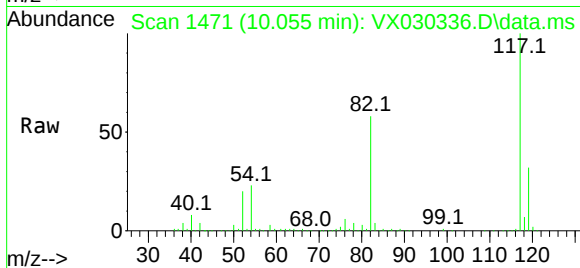




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

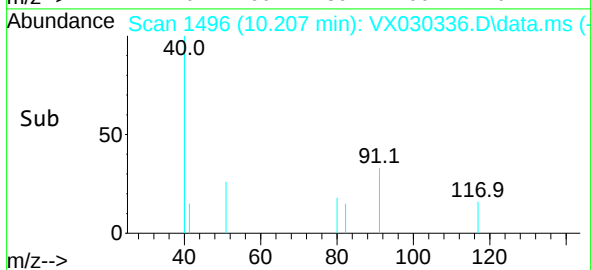
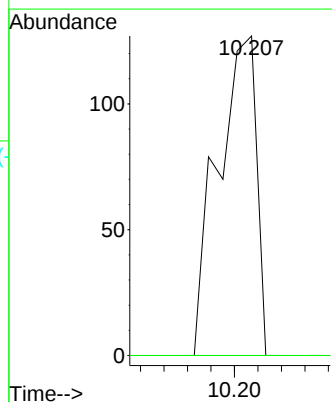
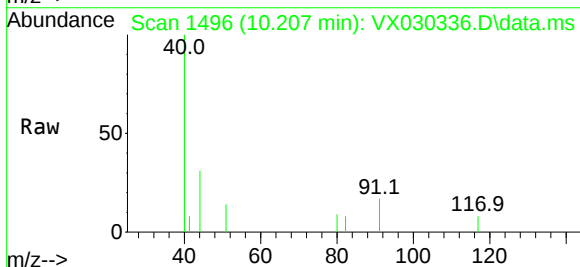
Instrument :
MSVOA_X
ClientSampleId :
MW-25

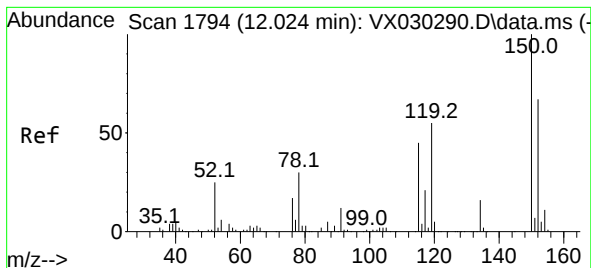
Tgt Ion:117 Resp: 233465
Ion Ratio Lower Upper
117 100
82 57.6 42.7 64.1
119 31.9 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.207 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX030336.D
Acq: 01 Aug 2022 20:35

Tgt Ion: 91 Resp: 145
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030336.D

Acq: 01 Aug 2022 20:35

Instrument :

MSVOA_X

ClientSampleId :

MW-25

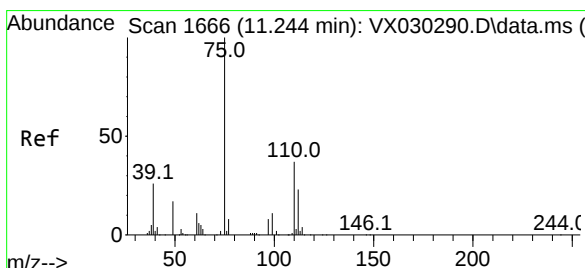
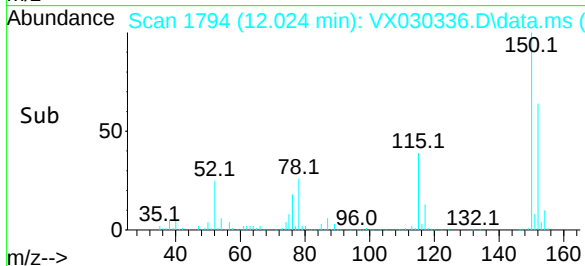
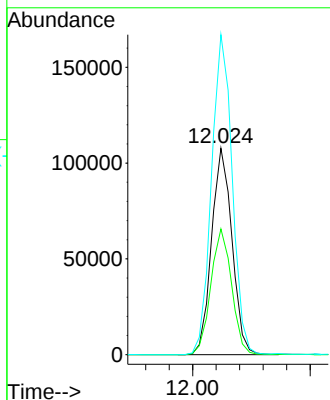
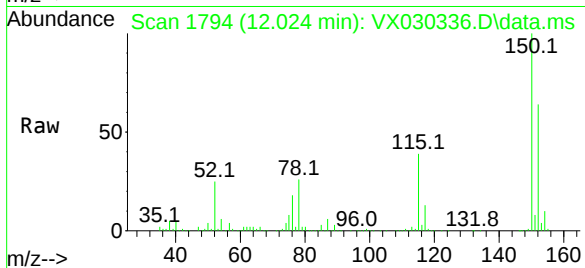
Tgt Ion:152 Resp: 130163

Ion Ratio Lower Upper

152 100

115 61.8 40.5 121.5

150 156.8 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 23.557 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX030336.D

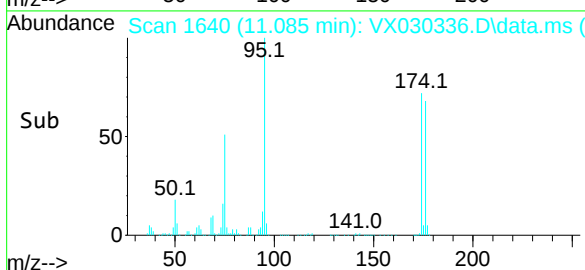
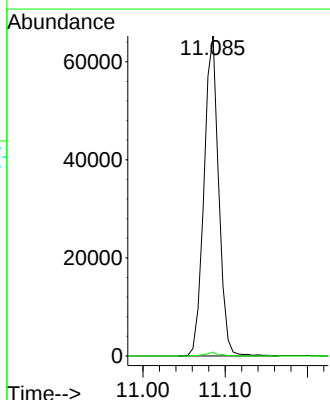
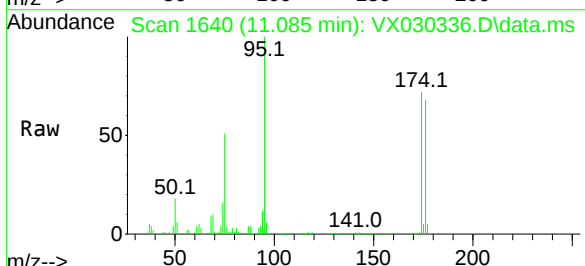
Acq: 01 Aug 2022 20:35

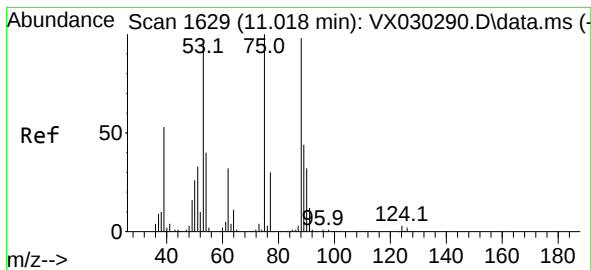
Tgt Ion: 75 Resp: 80825

Ion Ratio Lower Upper

75 100

77 1.0 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.670 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030336.D
 Acq: 01 Aug 2022 20:35

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Tgt Ion: 75 Resp: 80825
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

