

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036443.D
 Acq On : 06 Jul 2023 18:39
 Operator : JC/MD
 Sample : 03500-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Jul 07 01:52:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	168755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107939	44.622	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.385	113	87464	46.846	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.700%
50) Toluene-d8	8.647	98	345952	49.610	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	130504	53.130	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.260%

Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	2095	4.758	ug/l #	78
13) Acrolein	2.215	56	3012	4.981	ug/l #	1
14) Allyl chloride	2.782	41	240685	77.223	ug/l #	66
15) Acrylonitrile	3.105	53	38498	34.493	ug/l #	40
16) Acetone	2.343	43	207610	200.794	ug/l #	58
18) Methyl Acetate	2.782	43	568021	133.595	ug/l #	54
19) Methyl tert-butyl Ether	3.111	73	1492	0.241	ug/l #	1
20) Methylene Chloride	2.727	84	4500	2.021	ug/l #	11
23) Vinyl Acetate	3.721	43	3164	0.698	ug/l #	73
25) 2-Butanone	4.568	43	7356	4.952	ug/l #	90
26) 2,2-Dichloropropane	4.312	77	5619	2.153	ug/l #	54
30) Chloroform	5.172	83	13819	3.728	ug/l #	39
31) Cyclohexane	5.477	56	261713	84.427	ug/l	95
36) 1,1-Dichloropropene	5.550	75	13363	4.801	ug/l #	52
37) Ethyl Acetate	4.775	43	919	0.324	ug/l #	69
38) Carbon Tetrachloride	5.550	117	17748	6.982	ug/l #	16
39) Methylcyclohexane	7.385	83	254684	76.403	ug/l	96
40) Benzene	6.044	78	9649	1.241	ug/l	92
41) Methacrylonitrile	4.946	41	5010	3.184	ug/l #	46
43) Isopropyl Acetate	6.361	43	10814	2.390	ug/l #	62
45) 1,2-Dichloropropane	7.379	63	3358	1.586	ug/l #	1
46) Dibromomethane	7.568	93	524	0.352	ug/l #	1
47) Bromodichloromethane	7.769	83	2009	0.745	ug/l #	1
48) Methyl methacrylate	7.659	41	31443	13.936	ug/l #	45
51) 4-Methyl-2-Pentanone	8.604	43	4188	1.437	ug/l #	37
52) Toluene	8.720	92	5602	1.137	ug/l	98
55) 1,1,2-Trichloroethane	9.104	97	26249	12.819	ug/l #	20
56) Ethyl methacrylate	9.104	69	6905	2.254	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.202	63	442	0.257	ug/l #	47
59) 2-Hexanone	9.567	43	6088	2.860	ug/l	91
67) Ethyl Benzene	10.195	91	702430	73.243	ug/l	99
68) m/p-Xylenes	10.305	106	100612	27.002	ug/l	96
69) o-Xylene	10.646	106	2983	0.829	ug/l	100
73) Isopropylbenzene	10.963	105	641190	71.883	ug/l	98
74) N-amyl acetate	10.841	43	1538	0.436	ug/l #	1
76) 1,2,3-Trichloropropane	11.305	75	13743	5.443	ug/l #	1

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

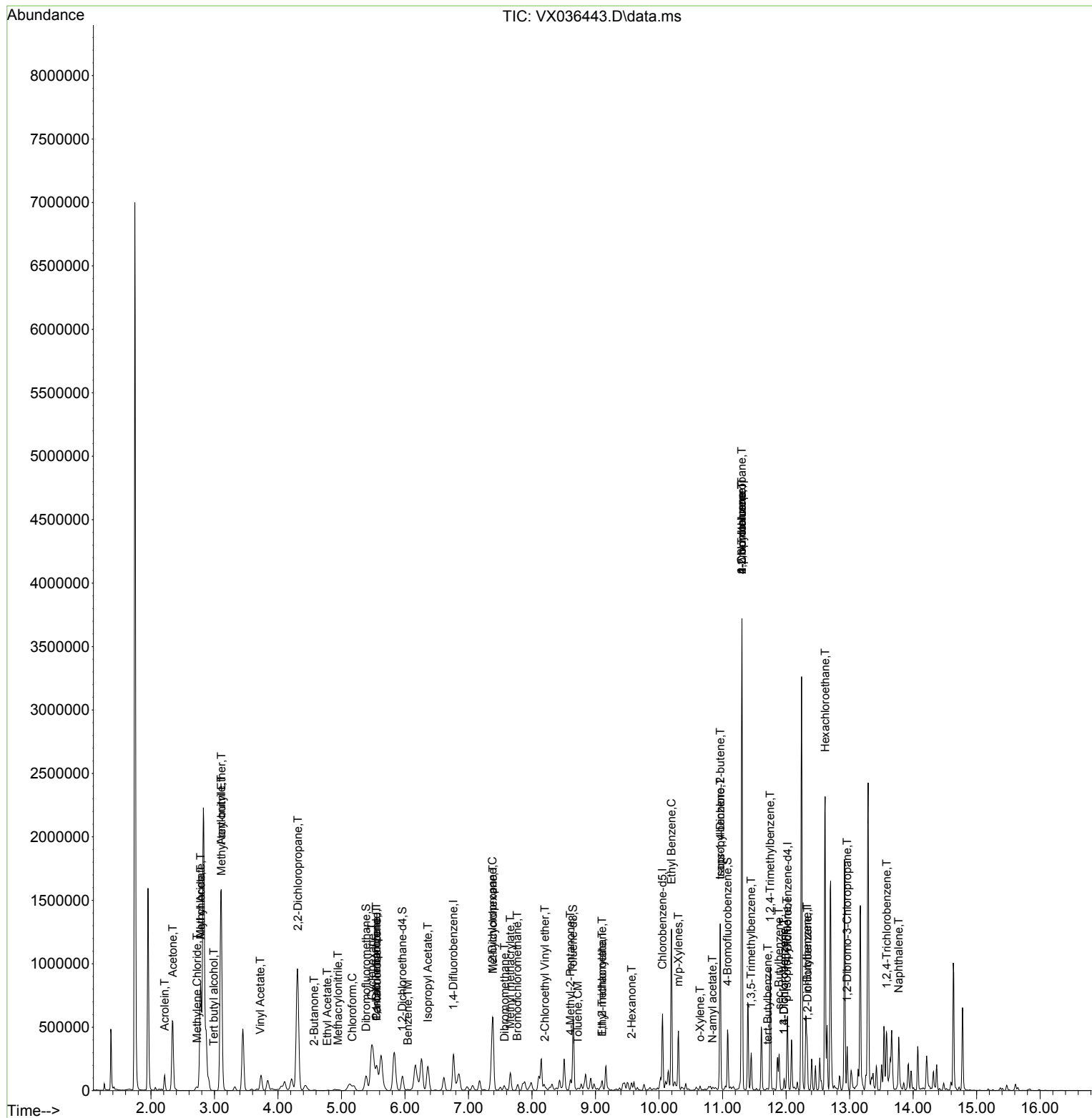
78) n-propylbenzene	11.305	91	2167582	208.075	ug/l	98
79) 2-Chlorotoluene	11.305	91	2167582	349.780	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	119485	15.817	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.963	75	7510	9.696	ug/l #	69
82) 4-Chlorotoluene	11.305	91	2167582	300.441	ug/l #	46
83) tert-Butylbenzene	11.713	119	3038	0.420	ug/l #	28
84) 1,2,4-Trimethylbenzene	11.750	105	408793	54.699	ug/l	94
85) sec-Butylbenzene	11.890	105	144235	15.727	ug/l	98
86) p-Isopropyltoluene	12.012	119	25694	3.338	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	1315	0.326	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	1315	0.320	ug/l	96
89) n-Butylbenzene	12.329	91	192962	28.170	ug/l #	67
90) Hexachloroethane	12.616	117	99761	85.575	ug/l #	17
91) 1,2-Dichlorobenzene	12.341	146	1081	0.272	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1030	1.795	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.585	180	492	0.201	ug/l #	1
95) Naphthalene	13.774	128	255778	31.656	ug/l	97

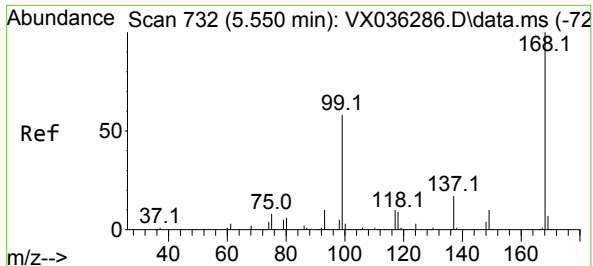
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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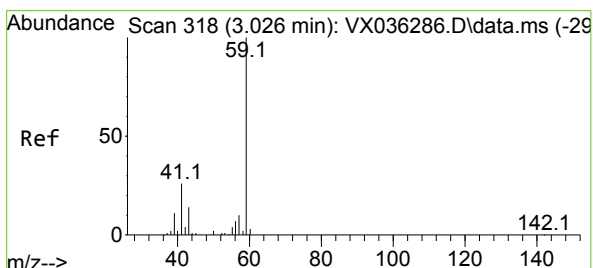
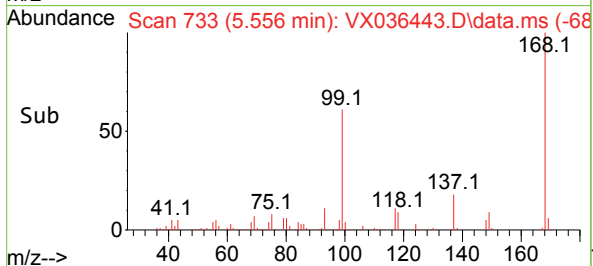
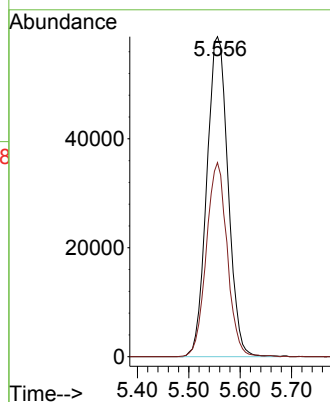
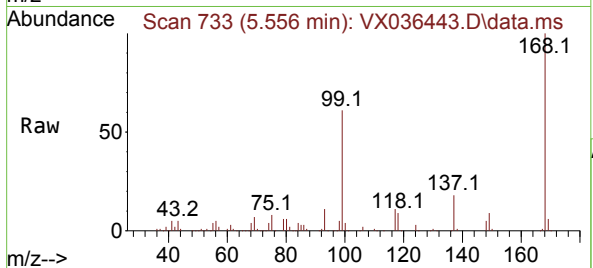




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

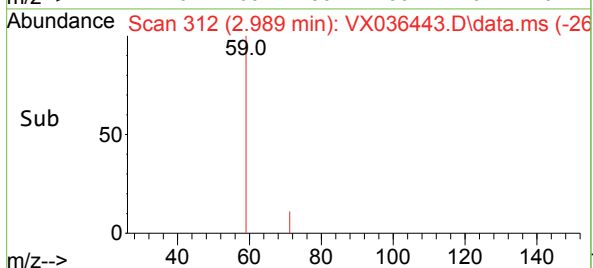
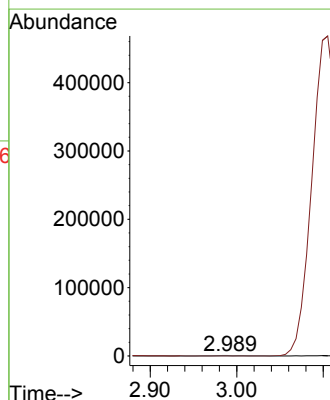
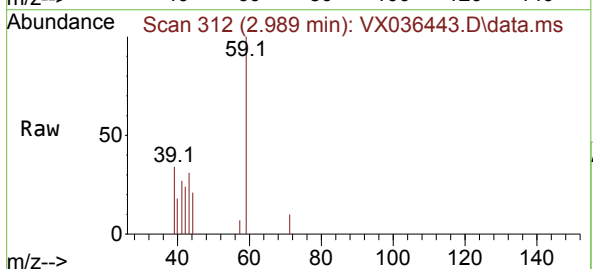
Instrument :
MSVOA_X
ClientSampleId :
MW-6

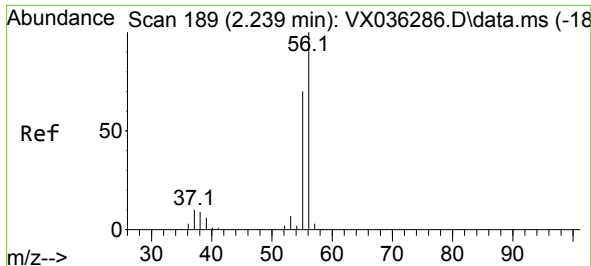
Tgt Ion:168 Resp: 168755
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.758 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.024 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 59 Resp: 2095
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 4.981 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

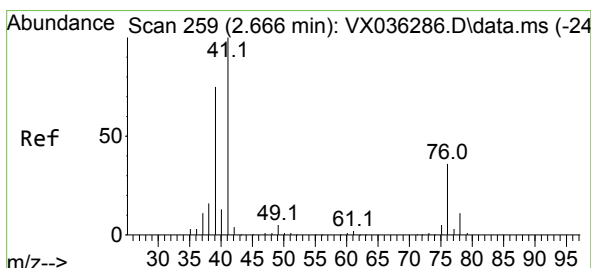
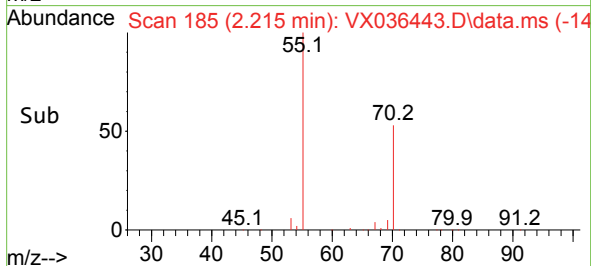
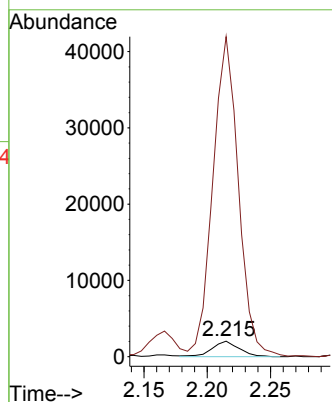
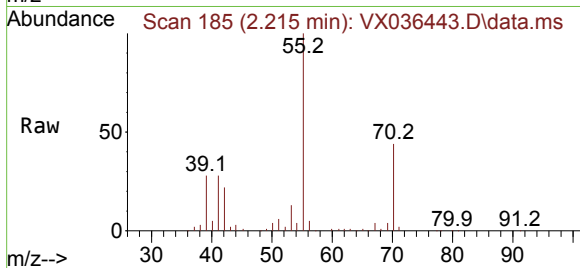
MW-6

Tgt Ion: 56 Resp: 3012

Ion Ratio Lower Upper

56 100

55 1962.1 57.1 85.7#



#14

Allyl chloride

Concen: 77.223 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.116 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

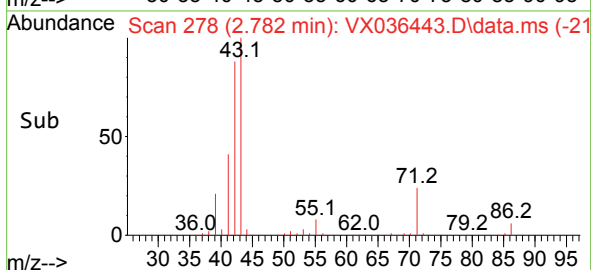
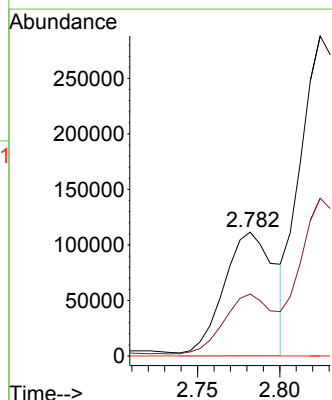
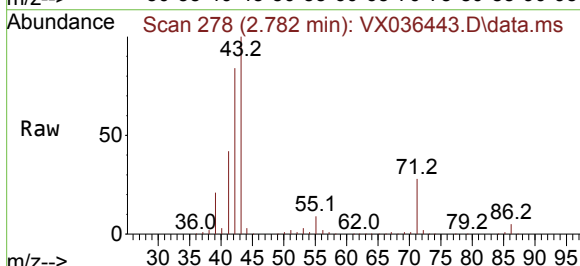
Tgt Ion: 41 Resp: 240685

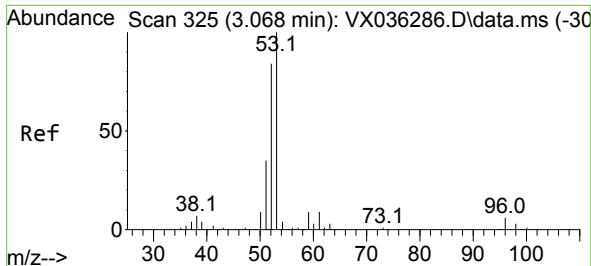
Ion Ratio Lower Upper

41 100

39 50.1 55.8 83.6#

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 34.493 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6

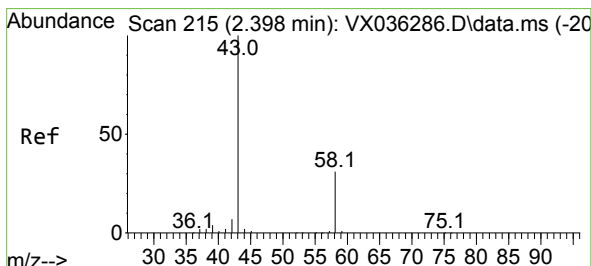
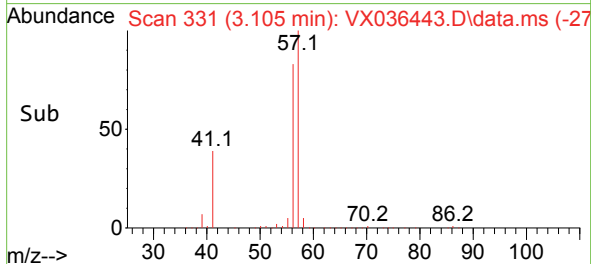
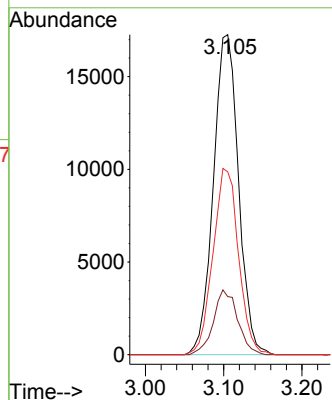
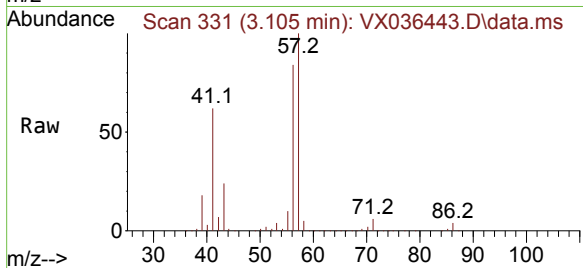
Tgt Ion: 53 Resp: 38498

Ion Ratio Lower Upper

53 100

52 19.6 66.0 99.0#

51 59.2 29.8 44.6#



#16

Acetone

Concen: 200.794 ug/l

RT: 2.343 min Scan# 206

Delta R.T. -0.061 min

Lab File: VX036443.D

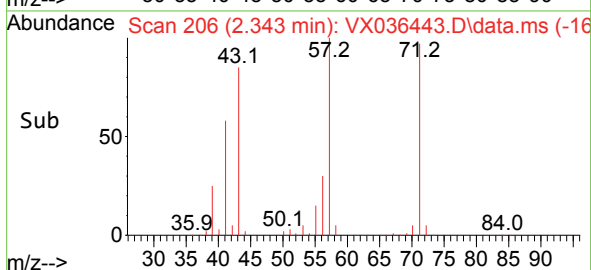
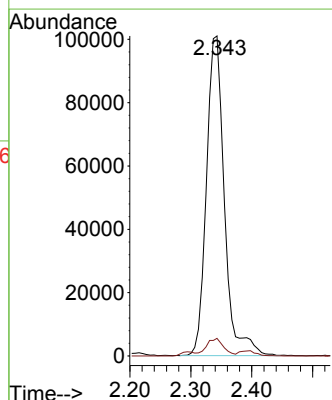
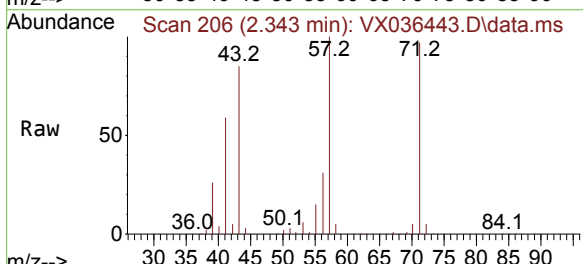
Acq: 06 Jul 2023 18:39

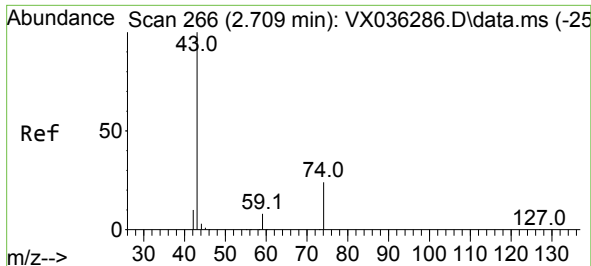
Tgt Ion: 43 Resp: 207610

Ion Ratio Lower Upper

43 100

58 5.4 21.9 32.9#





#18

Methyl Acetate

Concen: 133.595 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.073 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

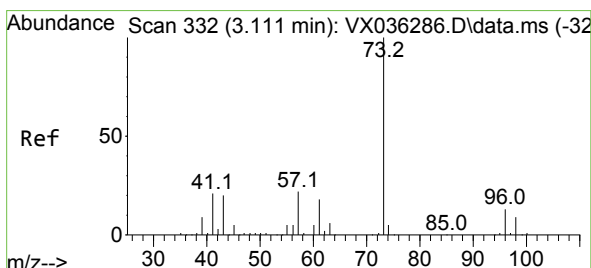
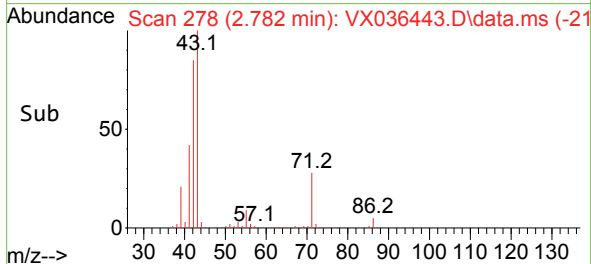
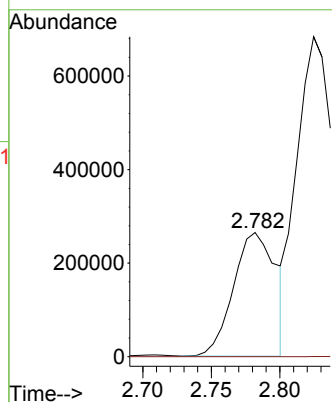
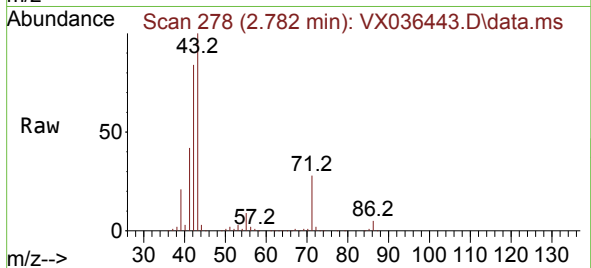
MW-6

Tgt Ion: 43 Resp: 568021

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#19

Methyl tert-butyl Ether

Concen: 0.241 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX036443.D

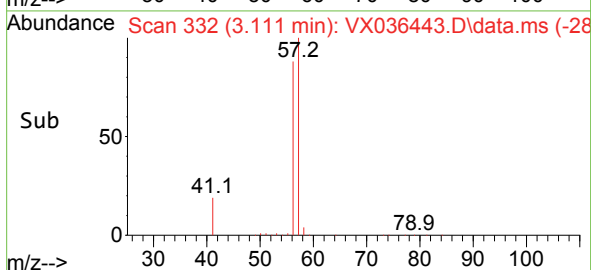
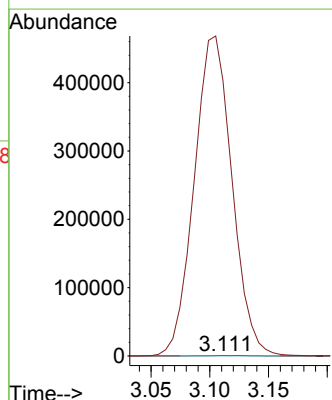
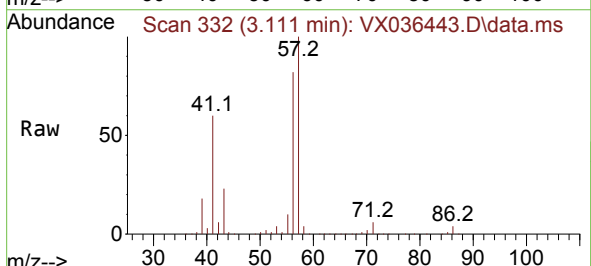
Acq: 06 Jul 2023 18:39

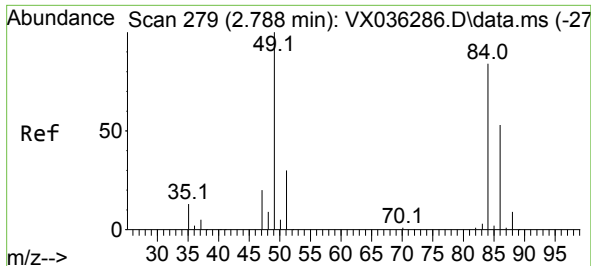
Tgt Ion: 73 Resp: 1492

Ion Ratio Lower Upper

73 100

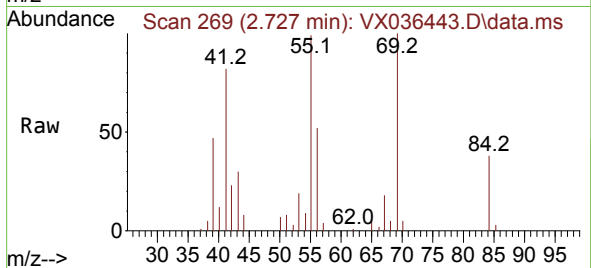
57 57386.6 17.3 25.9#



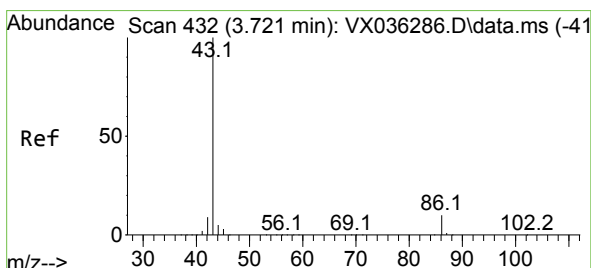
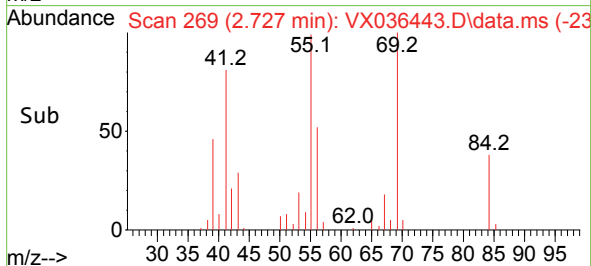
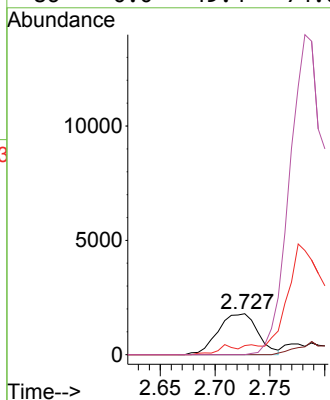


#20
Methylene Chloride
Concen: 2.021 ug/l
RT: 2.727 min Scan# 20
Delta R.T. -0.061 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

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ClientSampleId :
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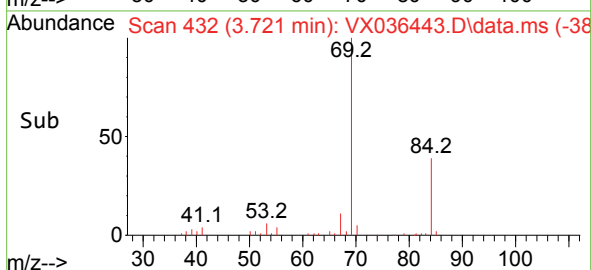
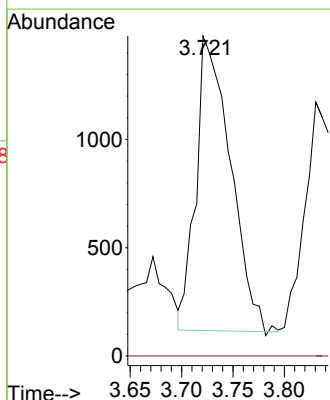
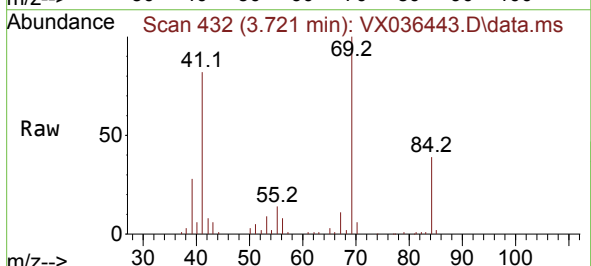


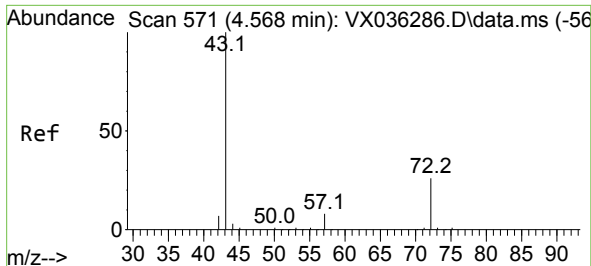
Tgt Ion: 84 Resp: 4500
Ion Ratio Lower Upper
84 100
49 0.0 103.6 155.4#
51 22.1 33.8 50.6#
86 0.0 49.4 74.0#



#23
Vinyl Acetate
Concen: 0.698 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 43 Resp: 3164
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#

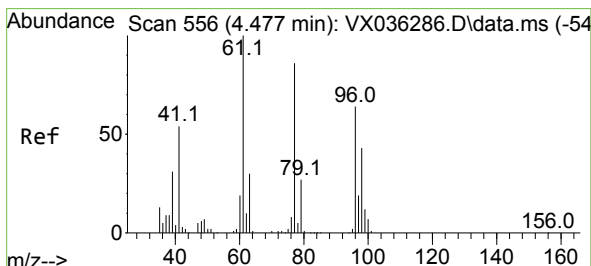
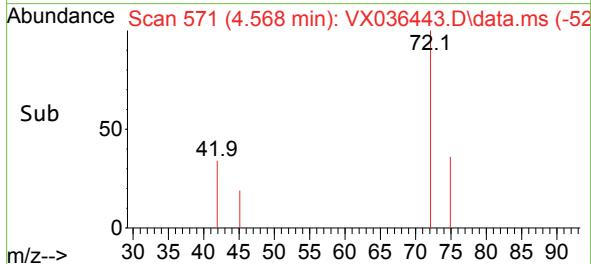
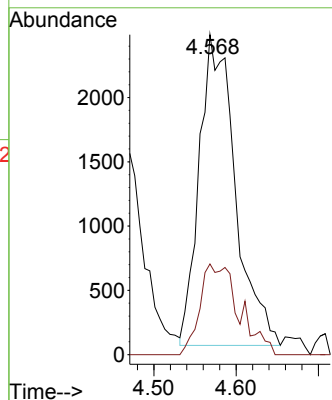
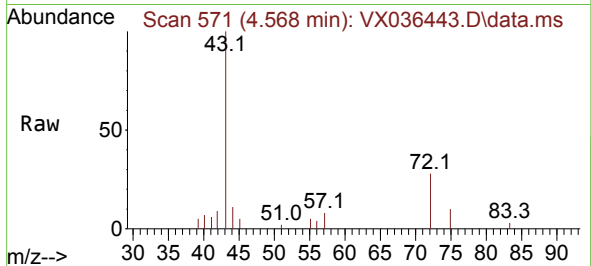




#25
2-Butanone
Concen: 4.952 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

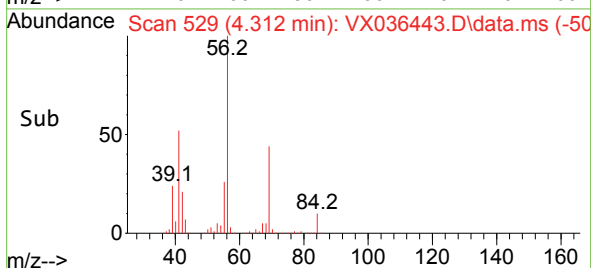
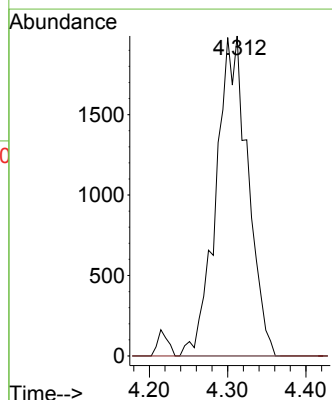
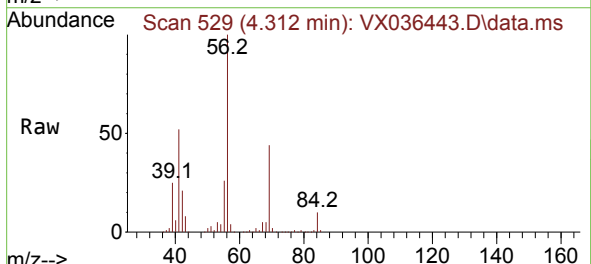
Instrument :
MSVOA_X
ClientSampleId :
MW-6

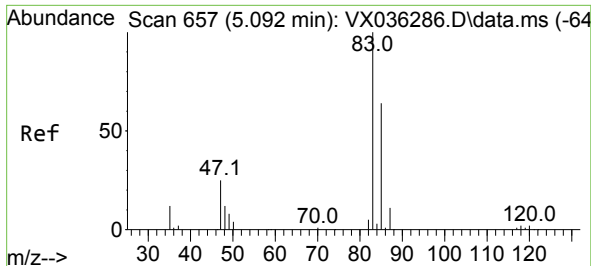
Tgt Ion: 43 Resp: 7356
Ion Ratio Lower Upper
43 100
72 29.2 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 2.153 ug/l
RT: 4.312 min Scan# 529
Delta R.T. -0.165 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 77 Resp: 5619
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

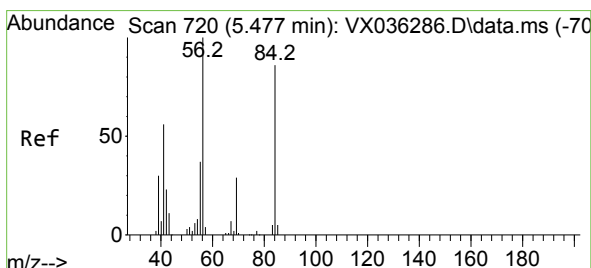
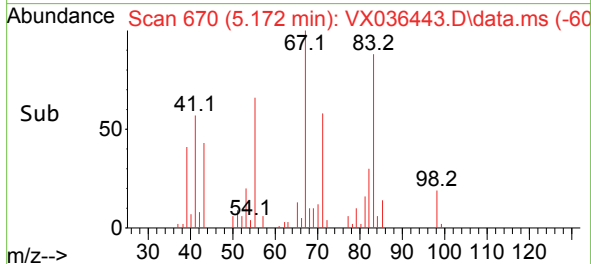
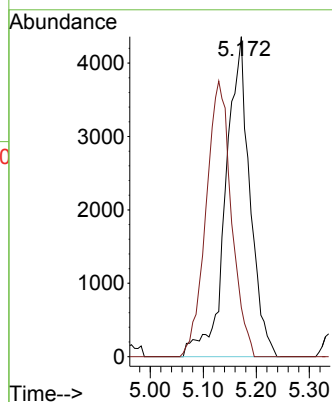
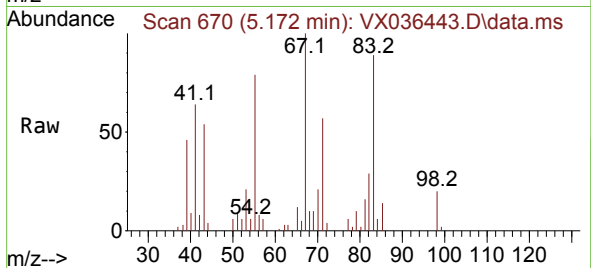




#30
Chloroform
Concen: 3.728 ug/l
RT: 5.172 min Scan# 61
Delta R.T. 0.080 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

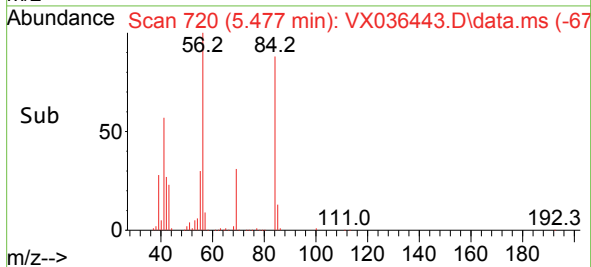
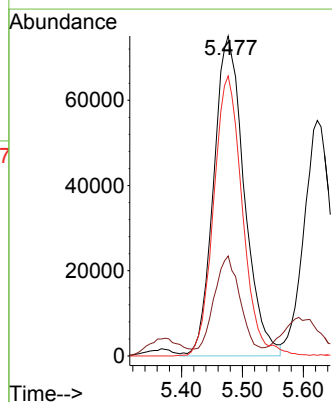
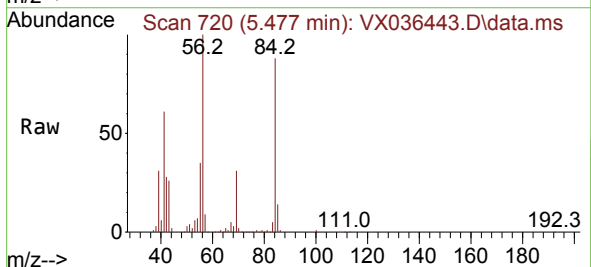
Instrument :
MSVOA_X
ClientSampleId :
MW-6

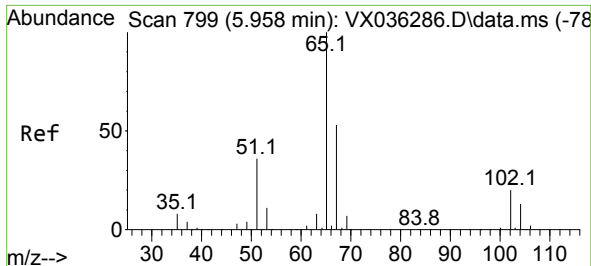
Tgt Ion: 83 Resp: 13819
Ion Ratio Lower Upper
83 100
85 15.4 50.3 75.5#



#31
Cyclohexane
Concen: 84.427 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 56 Resp: 261713
Ion Ratio Lower Upper
56 100
69 27.9 23.4 35.2
84 88.0 65.9 98.9

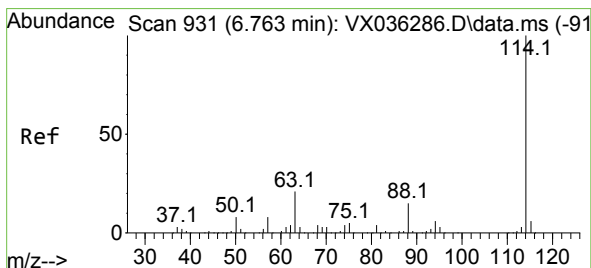
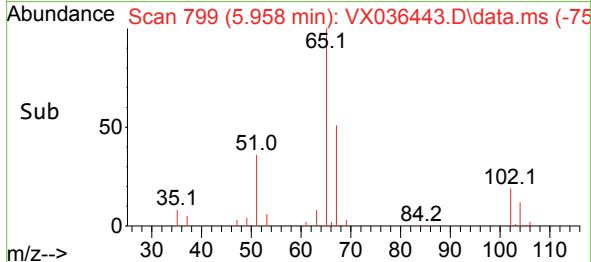
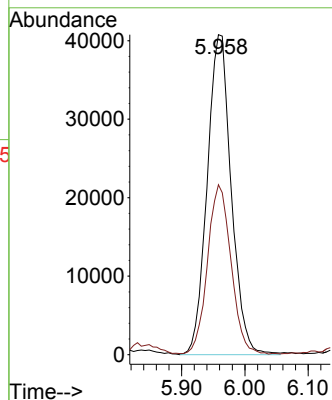
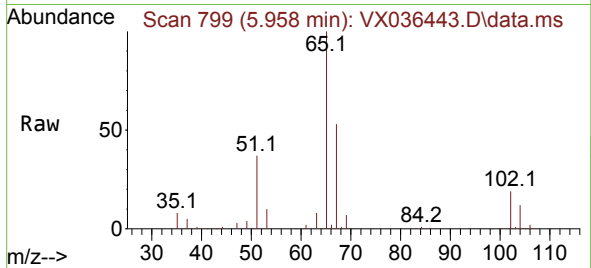




#33
 1,2-Dichloroethane-d4
 Concen: 44.622 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036443.D
 Acq: 06 Jul 2023 18:39

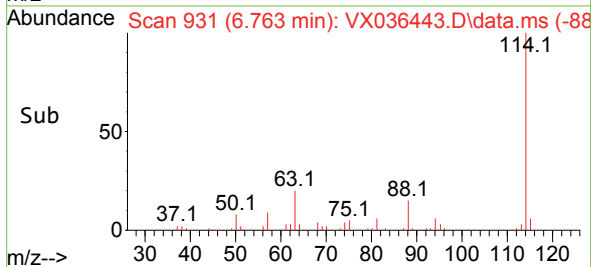
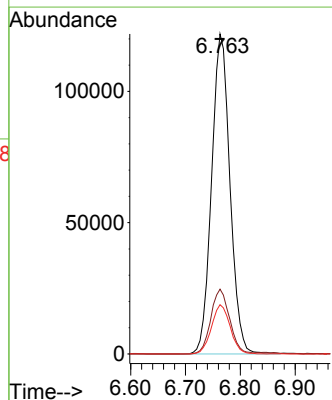
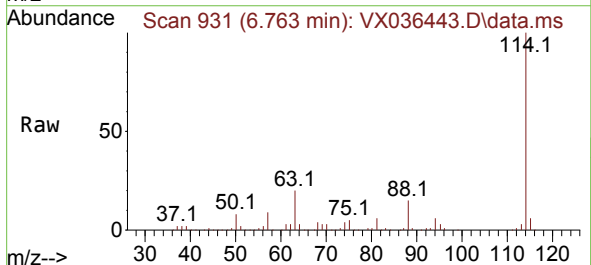
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

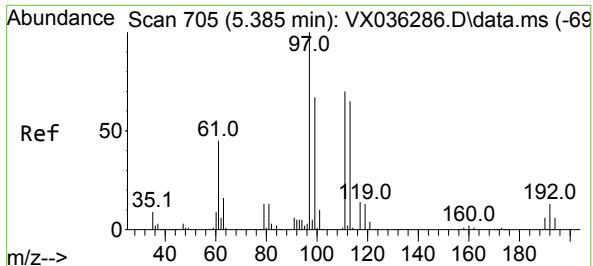
Tgt Ion: 65 Resp: 107939
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036443.D
 Acq: 06 Jul 2023 18:39

Tgt Ion: 114 Resp: 283158
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 15.4 0.0 36.6

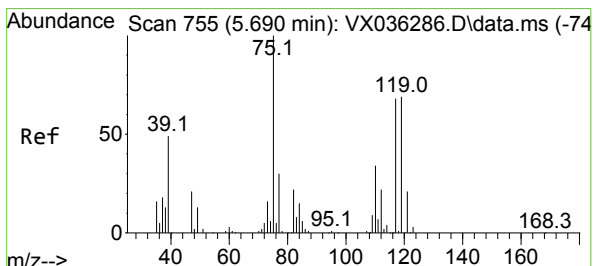
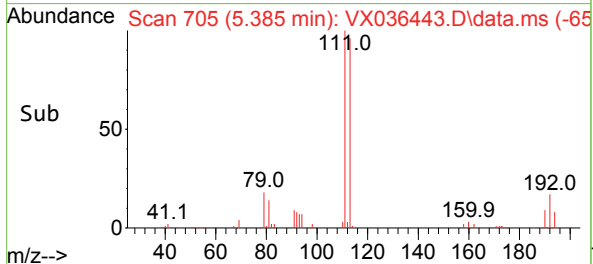
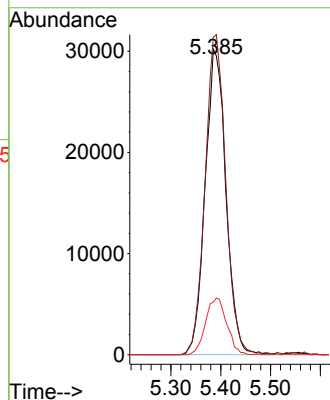
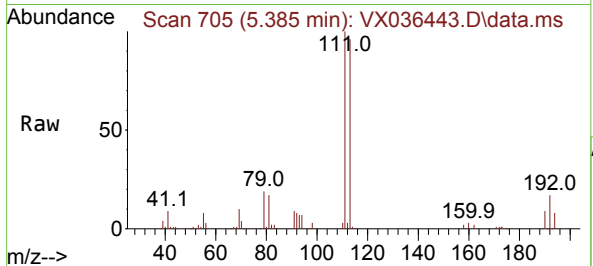




#35
Dibromofluoromethane
Concen: 46.846 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

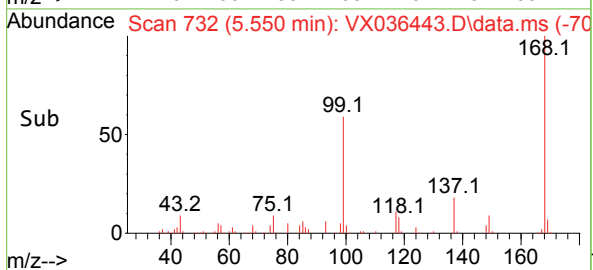
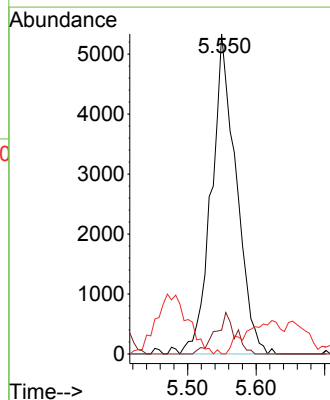
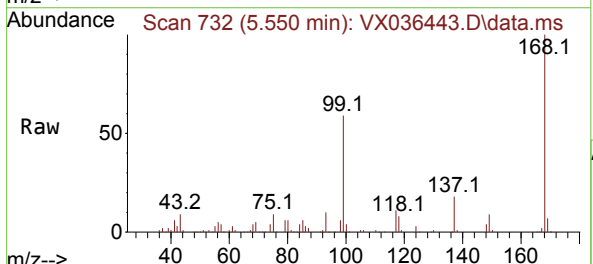
Instrument :
MSVOA_X
ClientSampleId :
MW-6

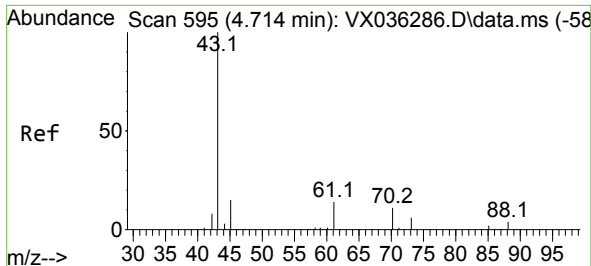
Tgt Ion:113 Resp: 87464
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 75 Resp: 13363
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.324 ug/l

RT: 4.775 min Scan# 605

Delta R.T. 0.061 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6

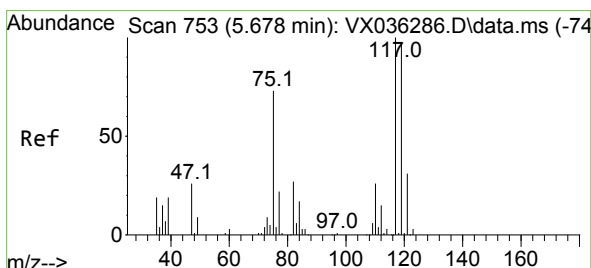
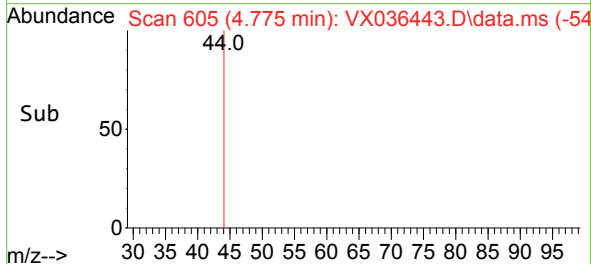
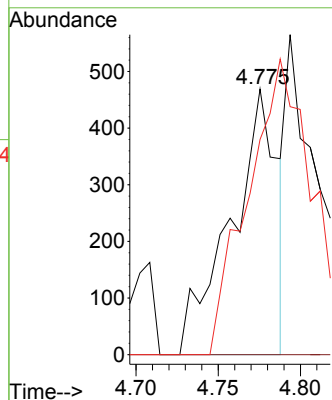
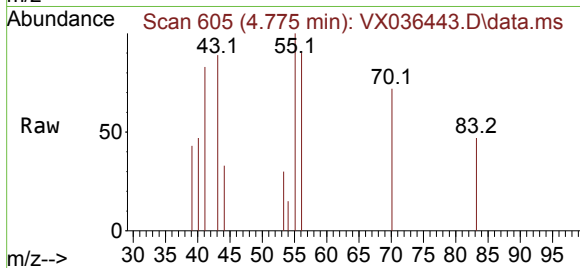
Tgt Ion: 43 Resp: 919

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.982 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

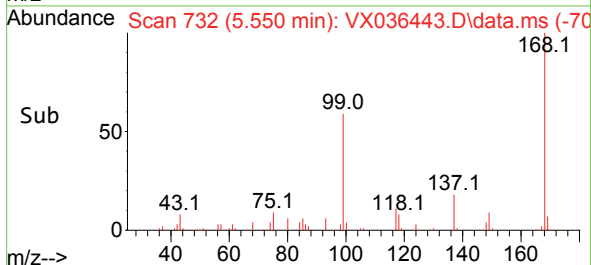
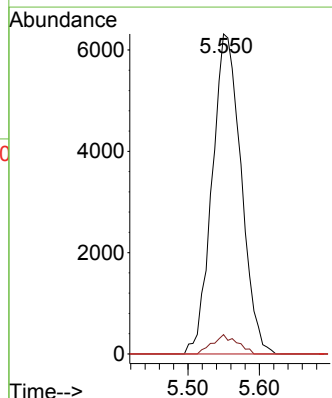
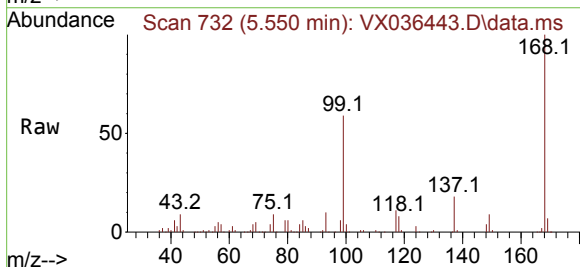
Tgt Ion: 117 Resp: 17748

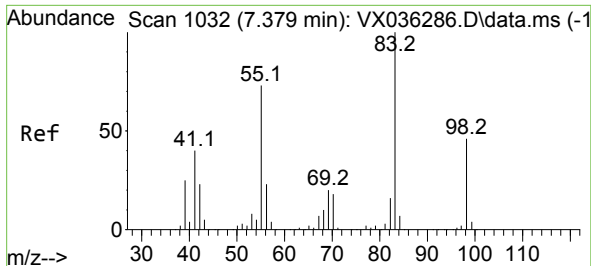
Ion Ratio Lower Upper

117 100

119 6.0 78.2 117.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 76.403 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.007 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6

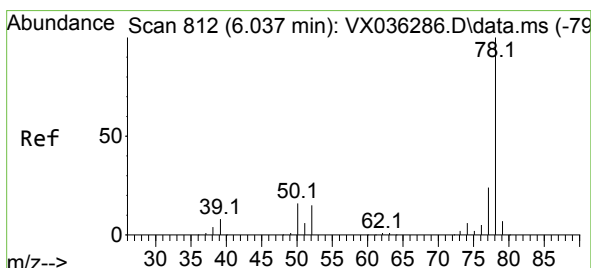
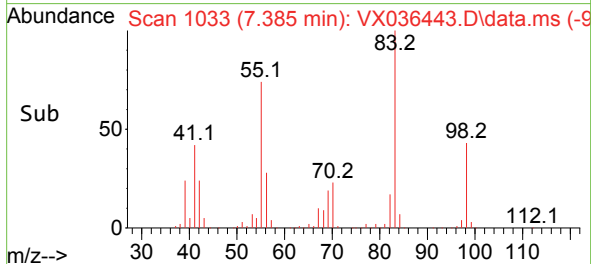
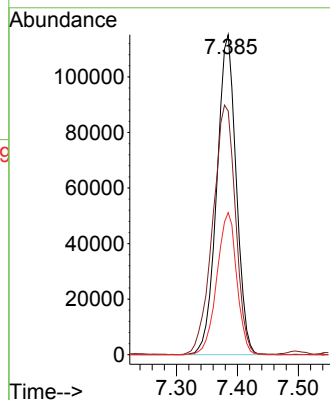
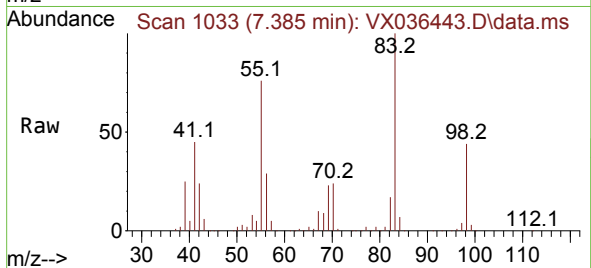
Tgt Ion: 83 Resp: 254684

Ion Ratio Lower Upper

83 100

55 76.1 64.6 97.0

98 44.4 36.7 55.1



#40

Benzene

Concen: 1.241 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX036443.D

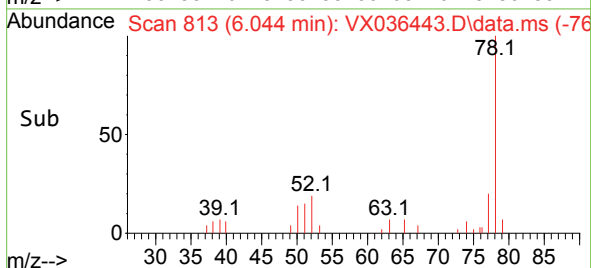
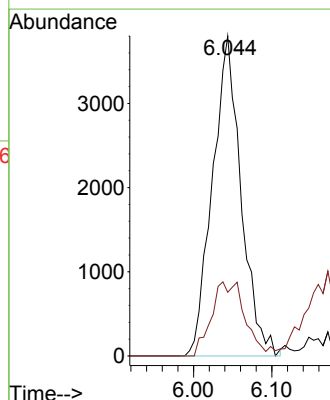
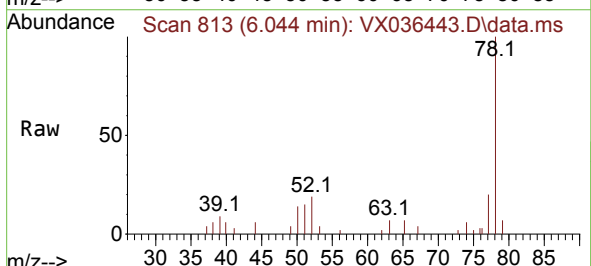
Acq: 06 Jul 2023 18:39

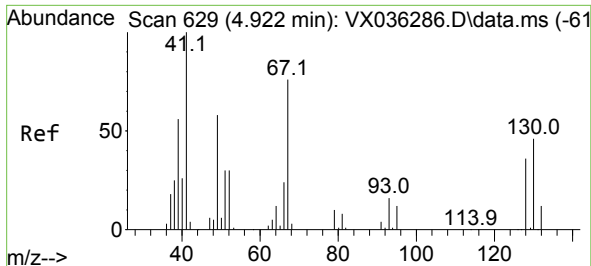
Tgt Ion: 78 Resp: 9649

Ion Ratio Lower Upper

78 100

77 19.9 19.3 28.9

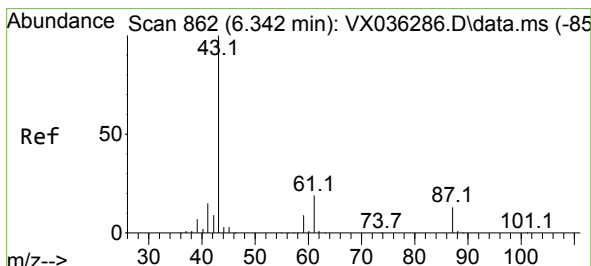
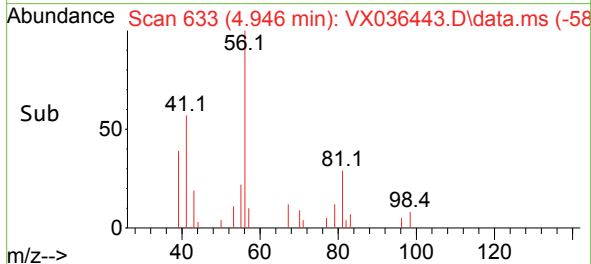
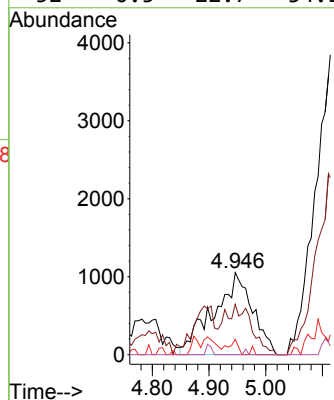
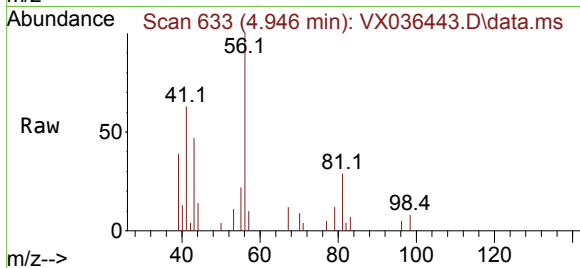




#41
Methacrylonitrile
Concen: 3.184 ug/l
RT: 4.946 min Scan# 611
Delta R.T. 0.024 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

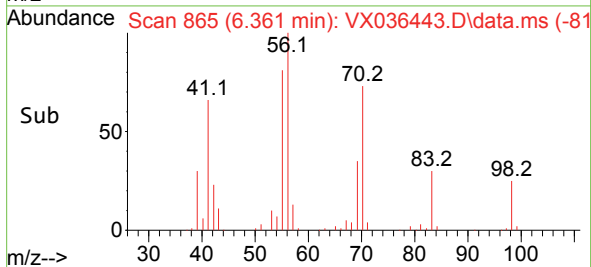
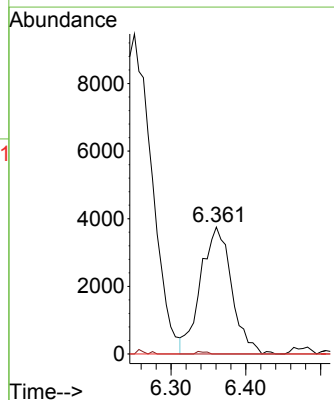
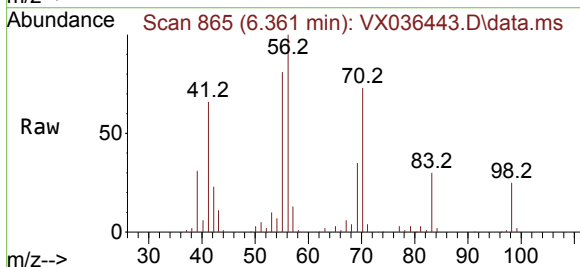
Instrument :
MSVOA_X
ClientSampleId :
MW-6

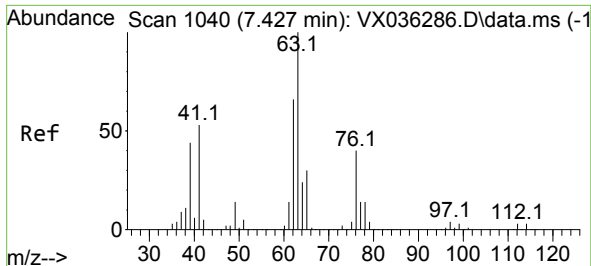
Tgt Ion:	41	Resp:	5010
Ion	Ratio	Lower	Upper
41	100		
39	41.7	45.2	67.8#
67	0.0	52.6	78.8#
52	0.5	22.7	34.1#



#43
Isopropyl Acetate
Concen: 2.390 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.019 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion:	43	Resp:	10814
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.2	22.8#
87	0.0	9.8	14.6#

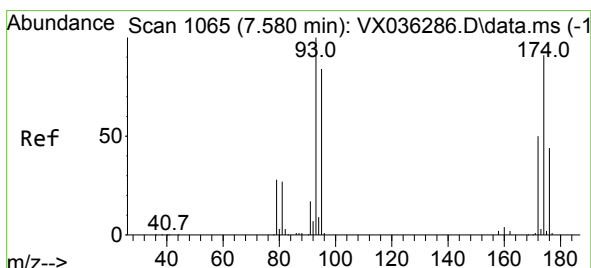
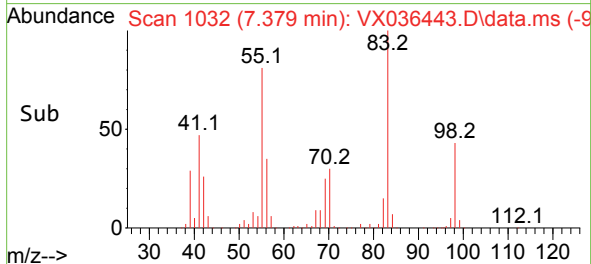
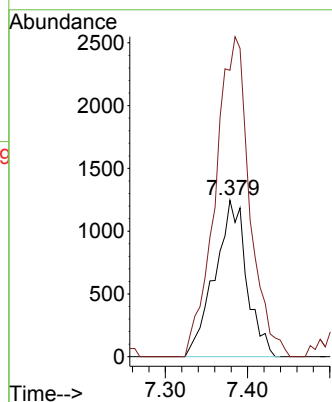
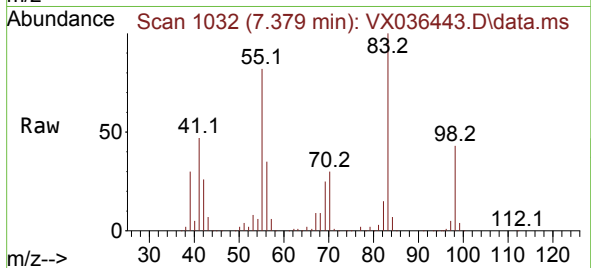




#45
1,2-Dichloropropane
Concen: 1.586 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.054 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

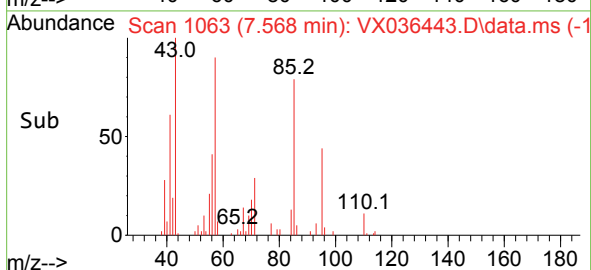
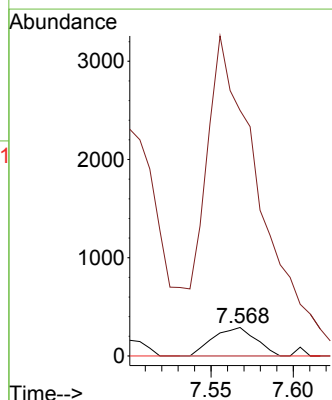
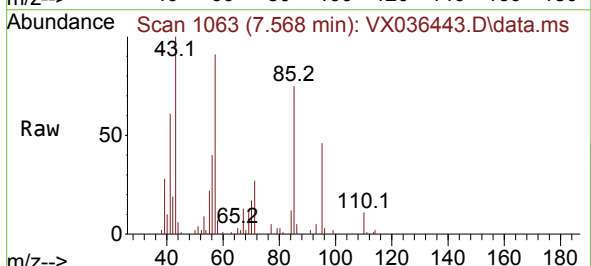
Instrument :
MSVOA_X
ClientSampleId :
MW-6

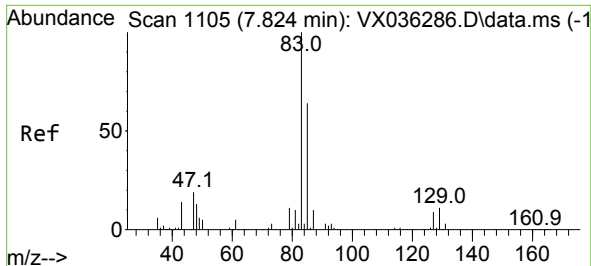
Tgt Ion: 63 Resp: 3358
Ion Ratio Lower Upper
63 100
65 183.1 24.3 36.5#



#46
Dibromomethane
Concen: 0.352 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.012 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 93 Resp: 524
Ion Ratio Lower Upper
93 100
95 1420.6 66.6 100.0#
174 0.0 69.4 104.0#

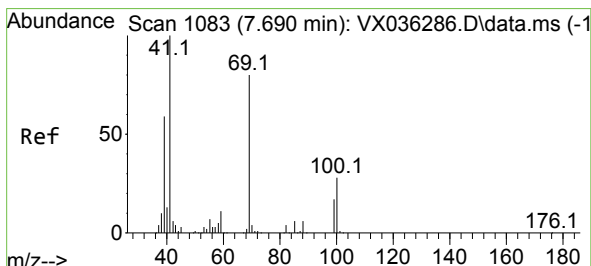
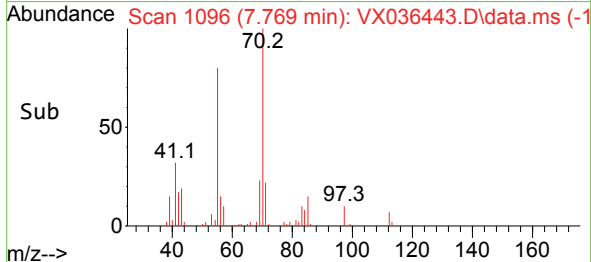
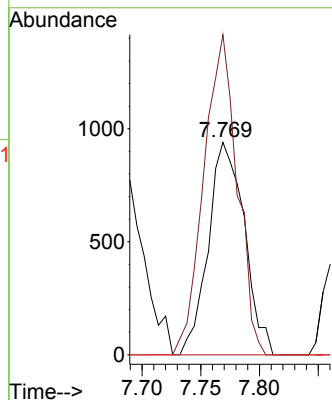
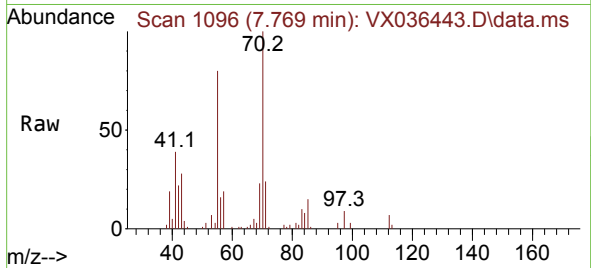




#47
Bromodichloromethane
Concen: 0.745 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. -0.054 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

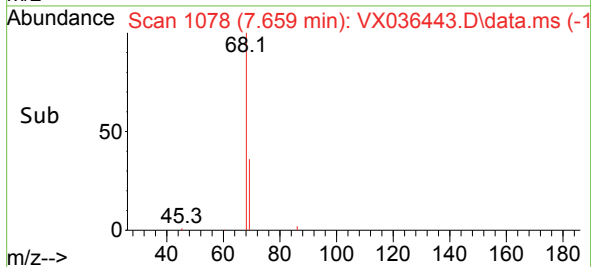
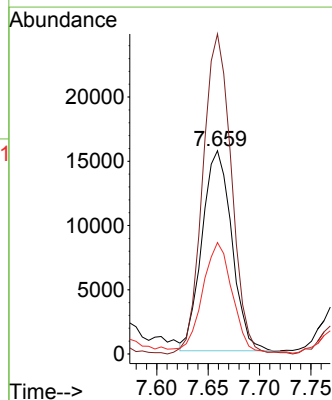
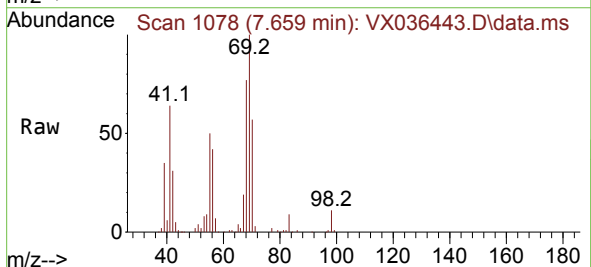
Instrument :
MSVOA_X
ClientSampleId :
MW-6

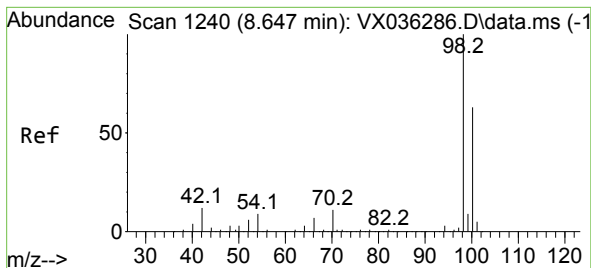
Tgt Ion: 83 Resp: 2009
Ion Ratio Lower Upper
83 100
85 150.6 49.8 74.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 13.936 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.030 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 41 Resp: 31443
Ion Ratio Lower Upper
41 100
69 153.7 59.2 88.8#
39 55.7 47.7 71.5





#50

Toluene-d8

Concen: 49.610 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

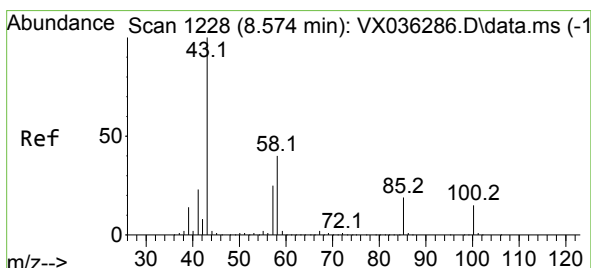
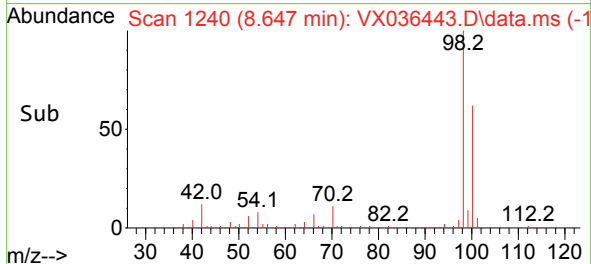
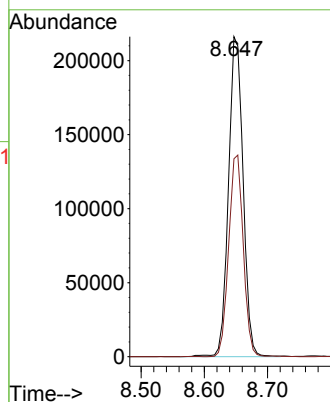
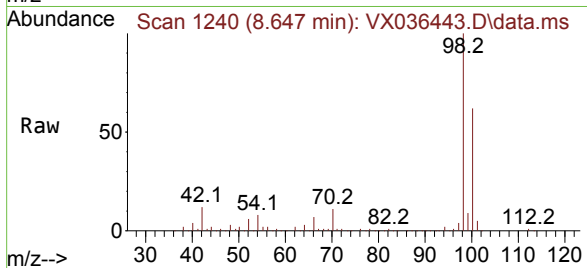
MW-6

Tgt Ion: 98 Resp: 345952

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 1.437 ug/l

RT: 8.604 min Scan# 1233

Delta R.T. 0.031 min

Lab File: VX036443.D

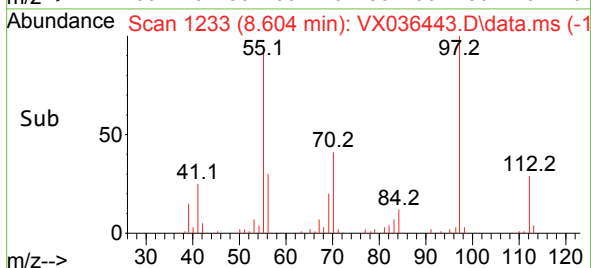
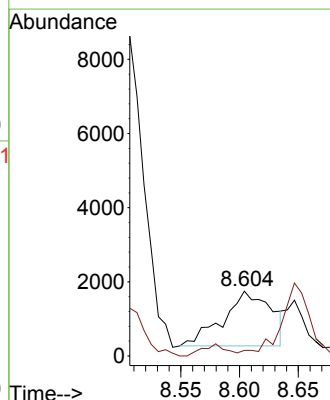
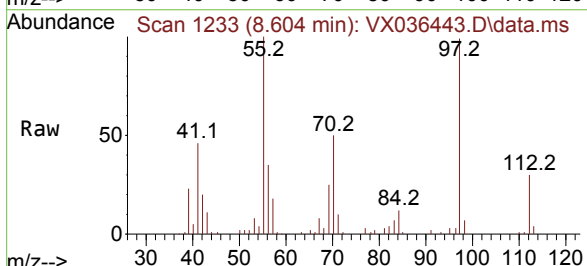
Acq: 06 Jul 2023 18:39

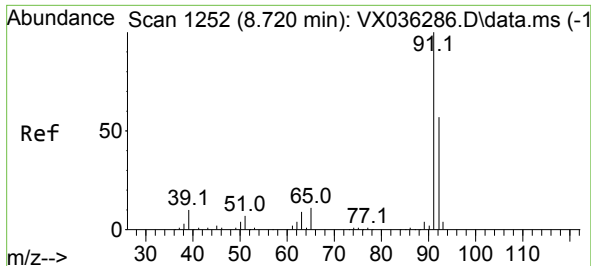
Tgt Ion: 43 Resp: 4188

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#

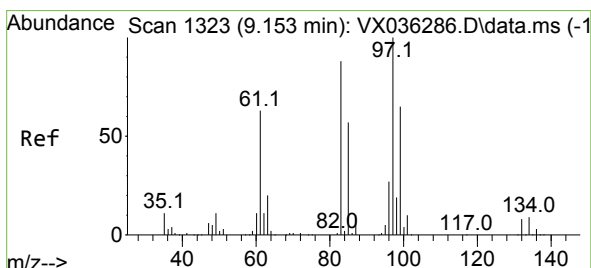
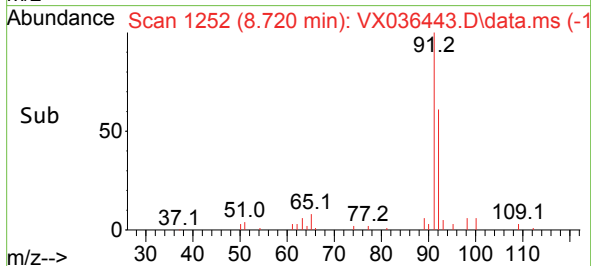
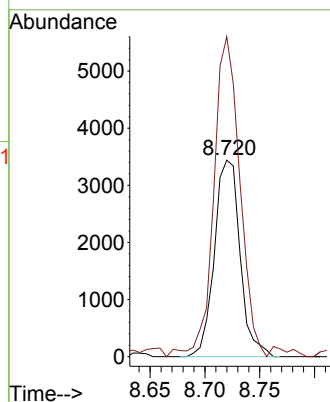
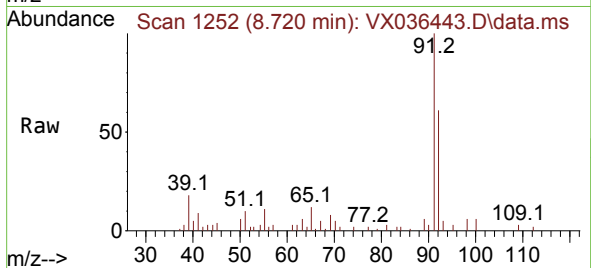




#52
Toluene
Concen: 1.137 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

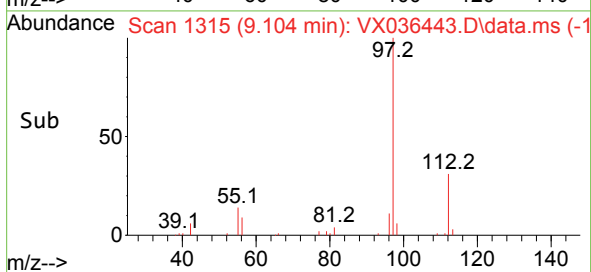
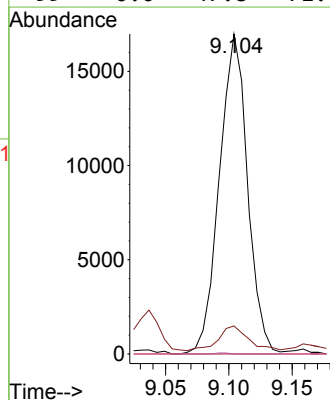
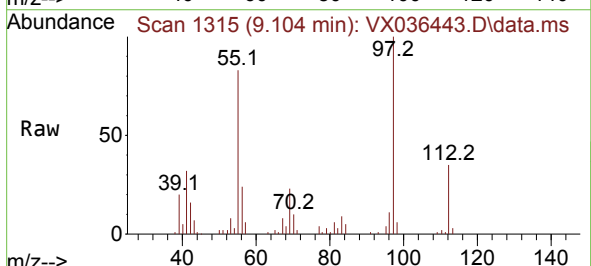
Instrument :
MSVOA_X
ClientSampleId :
MW-6

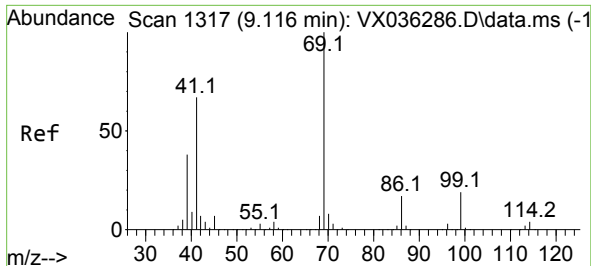
Tgt Ion: 92 Resp: 5602
Ion Ratio Lower Upper
92 100
91 165.4 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 12.819 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.048 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 97 Resp: 26249
Ion Ratio Lower Upper
97 100
83 7.5 65.8 98.8#
85 0.0 41.6 62.4#
99 0.0 47.8 71.8#

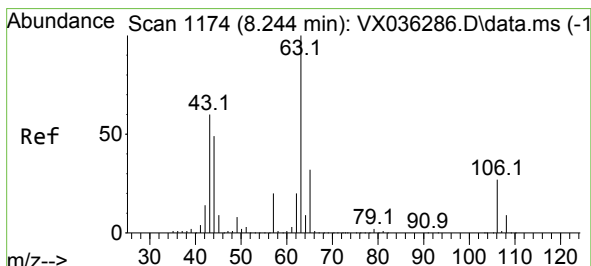
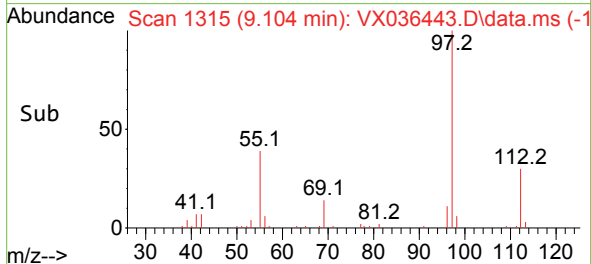
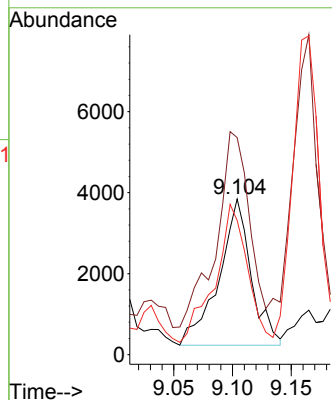
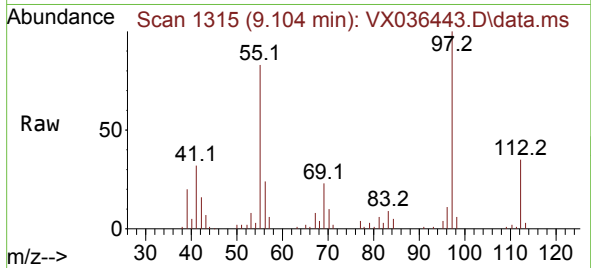




#56
Ethyl methacrylate
Concen: 2.254 ug/l
RT: 9.104 min Scan# 1167
Delta R.T. -0.012 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

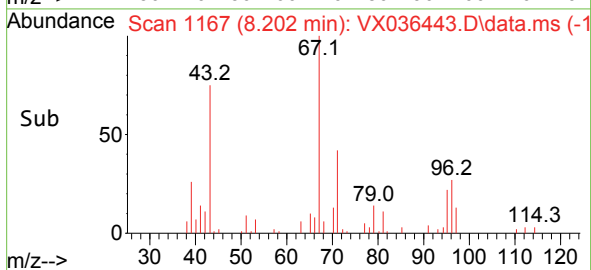
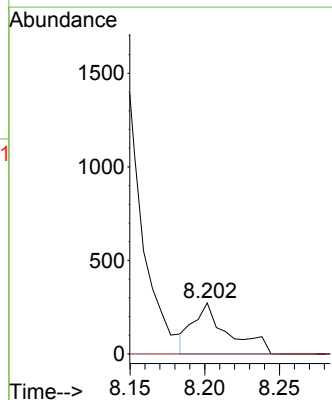
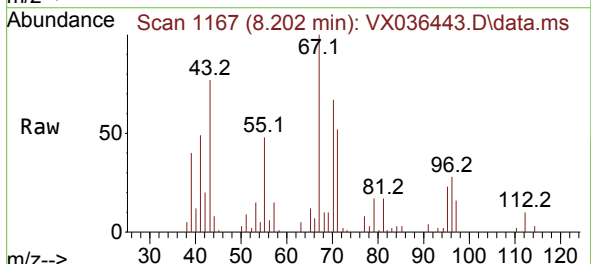
Instrument :
MSVOA_X
ClientSampleId :
MW-6

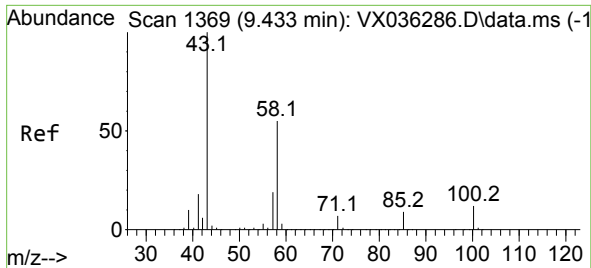
Tgt Ion: 69 Resp: 6905
Ion Ratio Lower Upper
69 100
41 137.1 56.8 85.2#
39 94.0 32.0 48.0#



#58
2-Chloroethyl Vinyl ether
Concen: 0.257 ug/l
RT: 8.202 min Scan# 1167
Delta R.T. -0.042 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 63 Resp: 442
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#

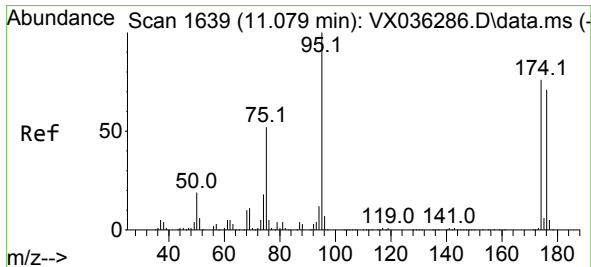
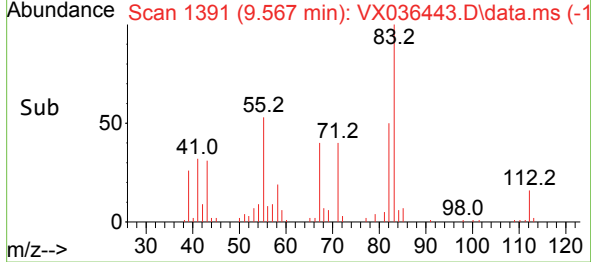
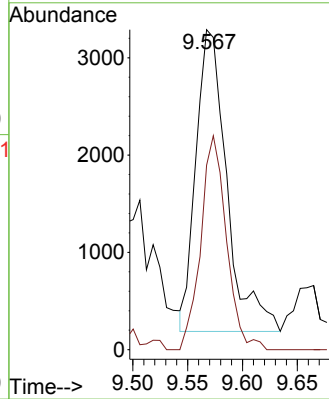
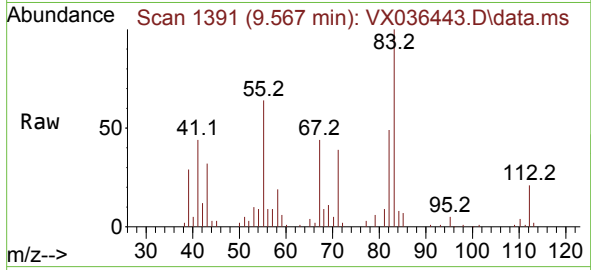




#59
2-Hexanone
Concen: 2.860 ug/l
RT: 9.567 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

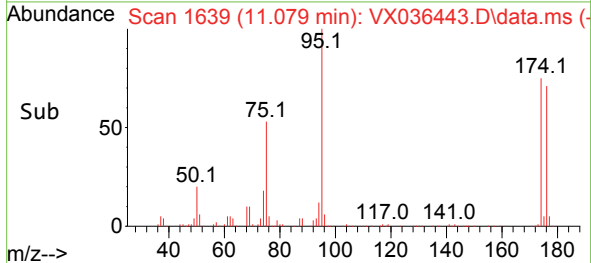
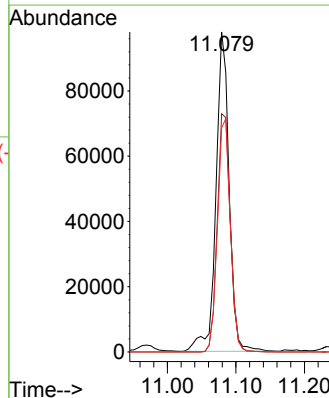
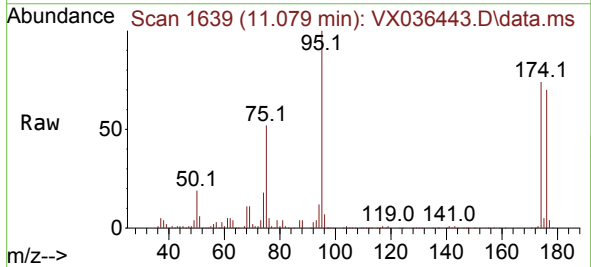
Instrument :
MSVOA_X
ClientSampleId :
MW-6

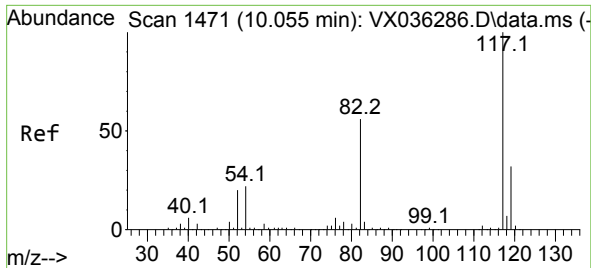
Tgt Ion: 43 Resp: 6088
Ion Ratio Lower Upper
43 100
58 58.8 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 53.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 95 Resp: 130504
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 71.4 0.0 131.0

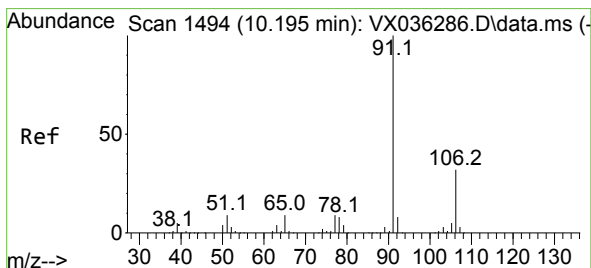
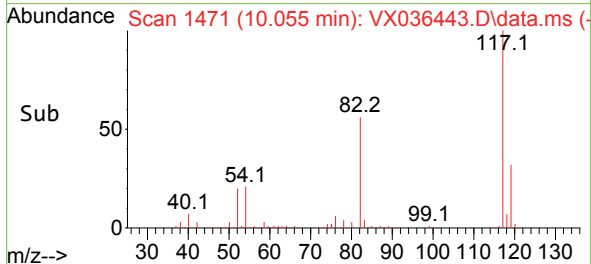
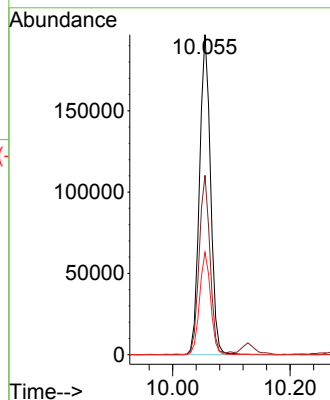
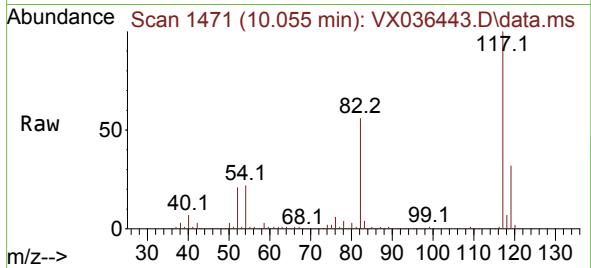




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

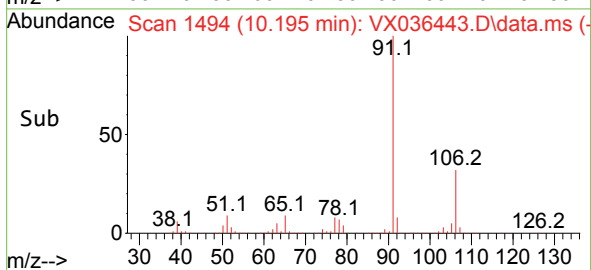
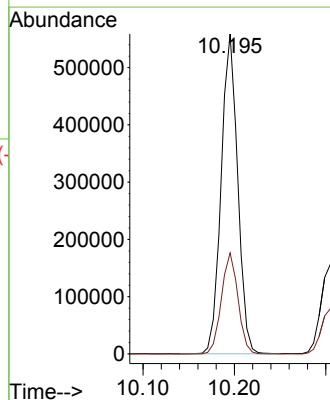
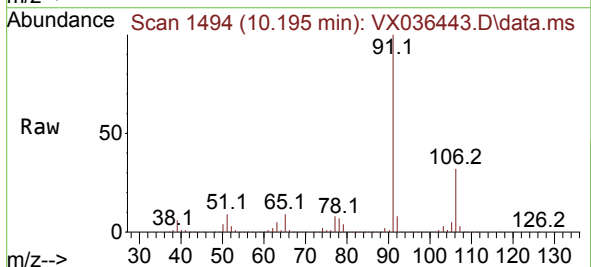
Instrument :
MSVOA_X
ClientSampleId :
MW-6

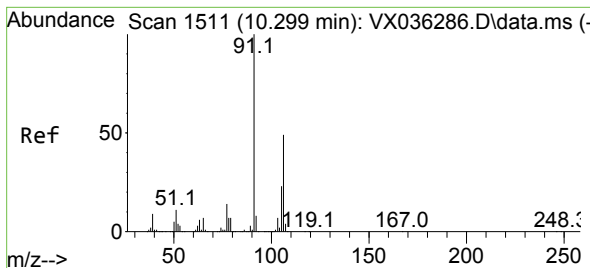
Tgt Ion:117 Resp: 256621
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 73.243 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 91 Resp: 702430
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3





#68

m/p-Xylenes

Concen: 27.002 ug/l

RT: 10.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

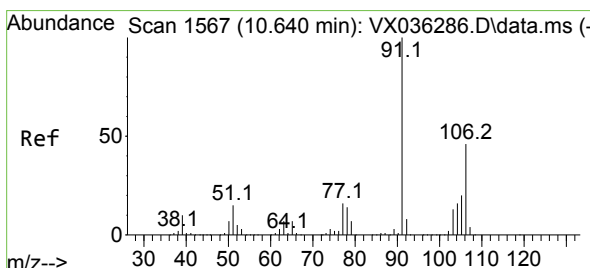
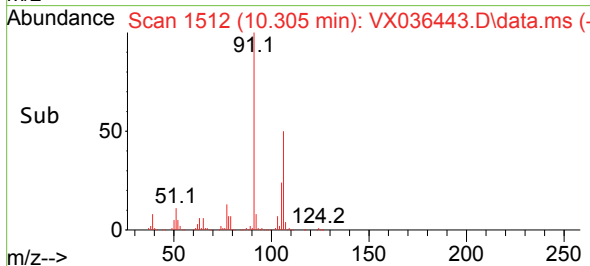
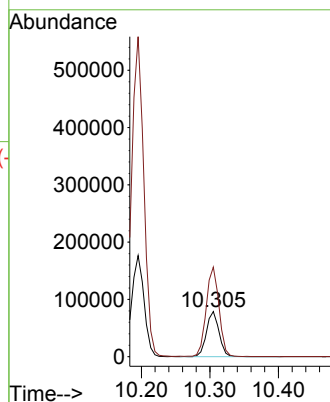
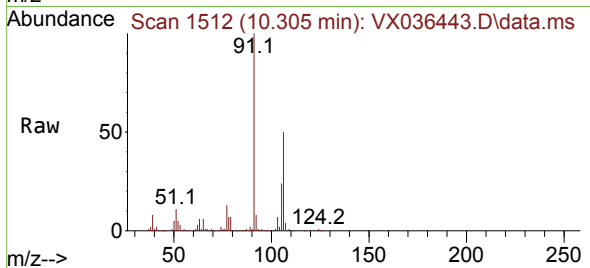
MW-6

Tgt Ion:106 Resp: 100612

Ion Ratio Lower Upper

106 100

91 201.0 165.5 248.3



#69

o-Xylene

Concen: 0.829 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX036443.D

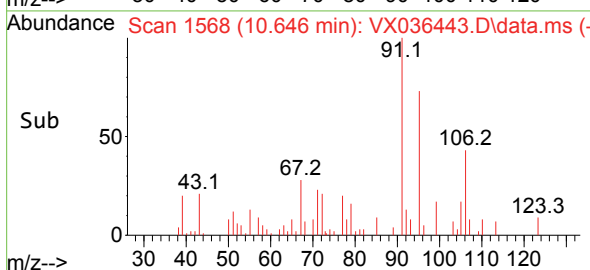
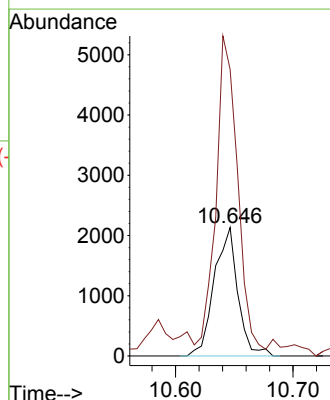
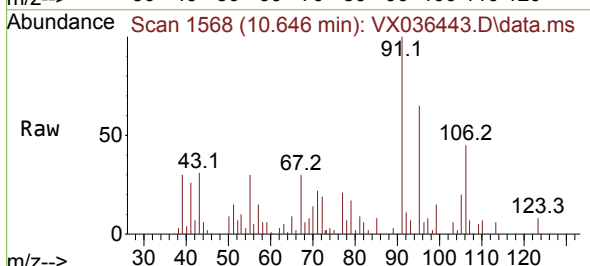
Acq: 06 Jul 2023 18:39

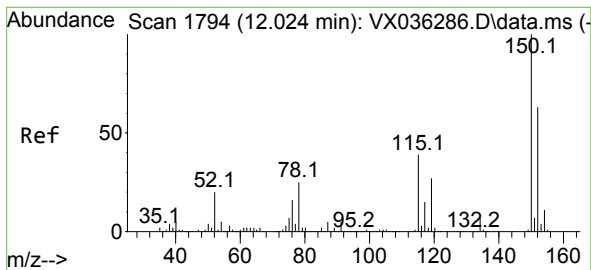
Tgt Ion:106 Resp: 2983

Ion Ratio Lower Upper

106 100

91 218.4 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6

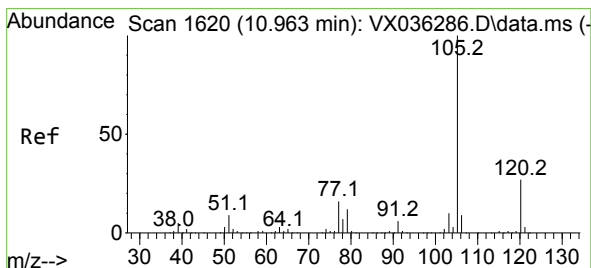
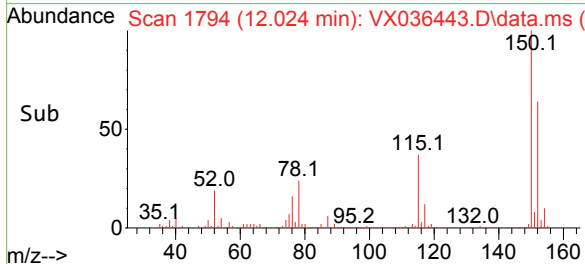
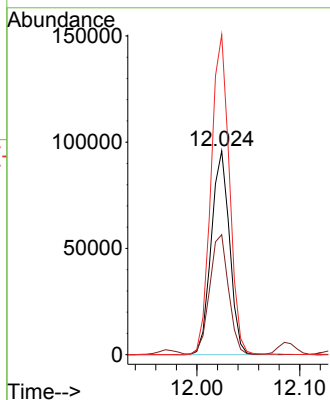
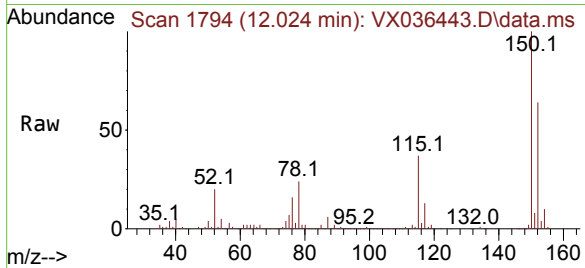
Tgt Ion:152 Resp: 118363

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 157.5 0.0 345.0



#73

Isopropylbenzene

Concen: 71.883 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036443.D

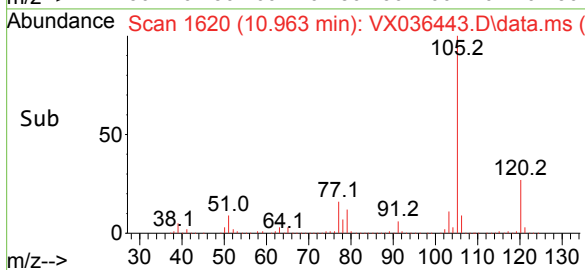
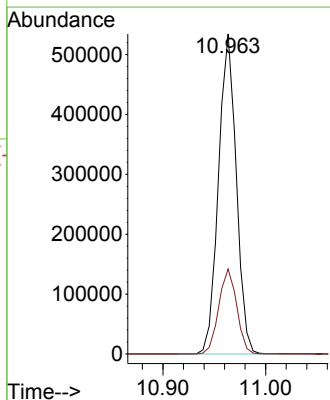
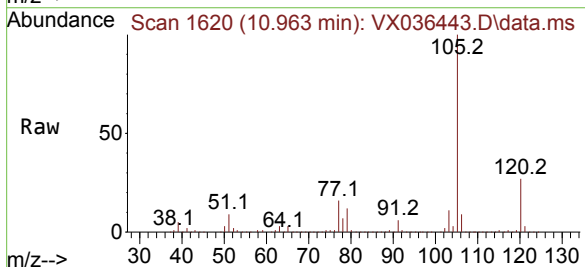
Acq: 06 Jul 2023 18:39

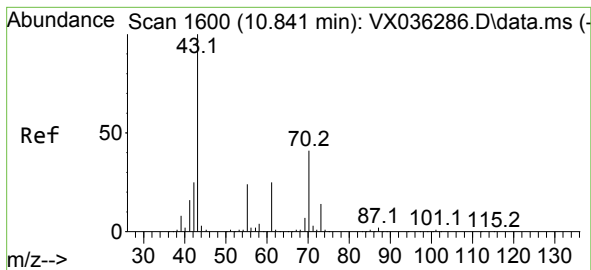
Tgt Ion:105 Resp: 641190

Ion Ratio Lower Upper

105 100

120 26.8 12.9 38.6





#74

N-amy1 acetate

Concen: 0.436 ug/l

RT: 10.841 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6

Tgt Ion: 43 Resp: 1538

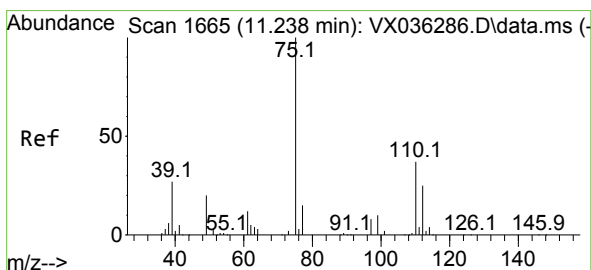
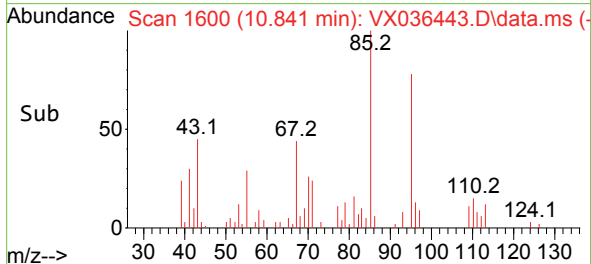
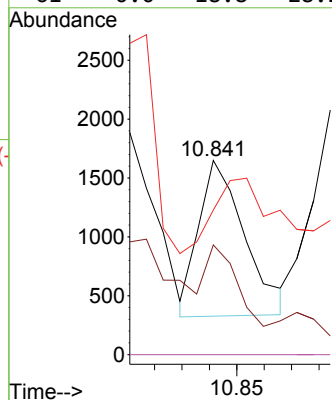
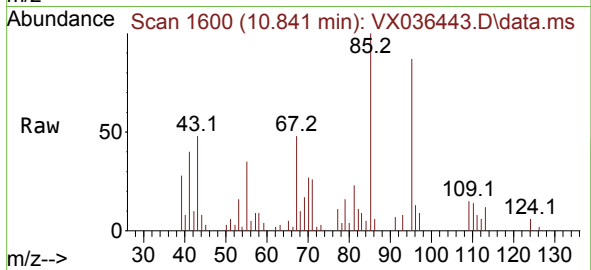
Ion Ratio Lower Upper

43 100

70 33.9 32.9 49.3

55 218.4 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 5.443 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX036443.D

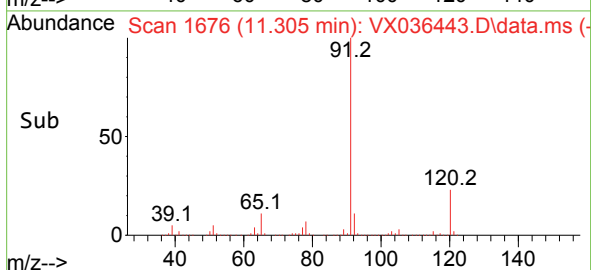
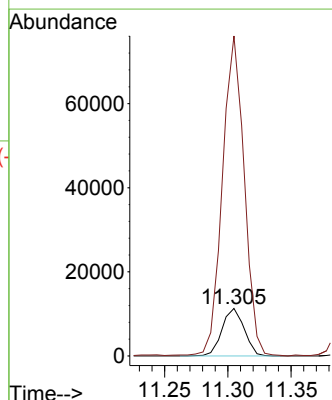
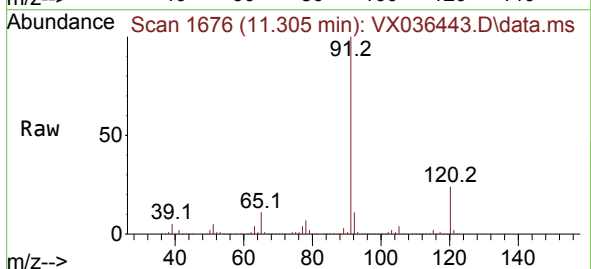
Acq: 06 Jul 2023 18:39

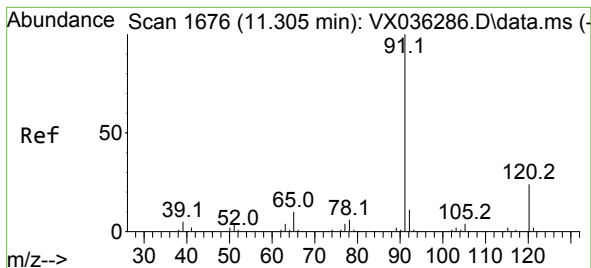
Tgt Ion: 75 Resp: 13743

Ion Ratio Lower Upper

75 100

77 664.9 19.1 57.5#





#78

n-propylbenzene

Concen: 208.075 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

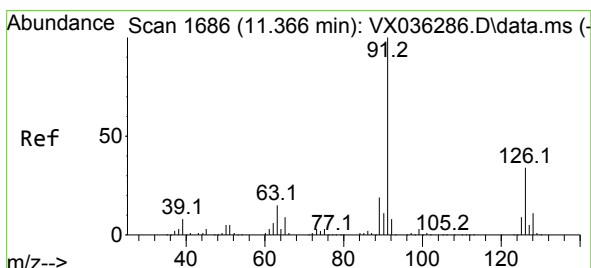
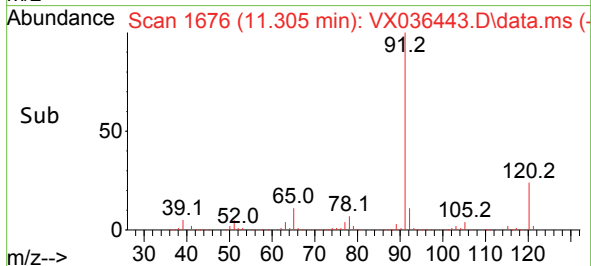
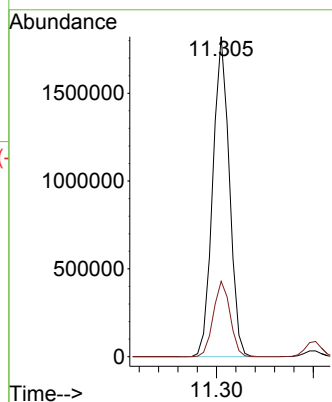
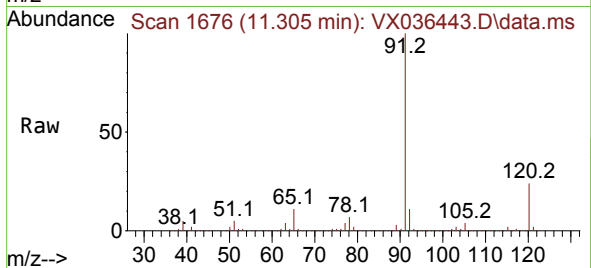
MW-6

Tgt Ion: 91 Resp: 2167582

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4



#79

2-Chlorotoluene

Concen: 349.780 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.061 min

Lab File: VX036443.D

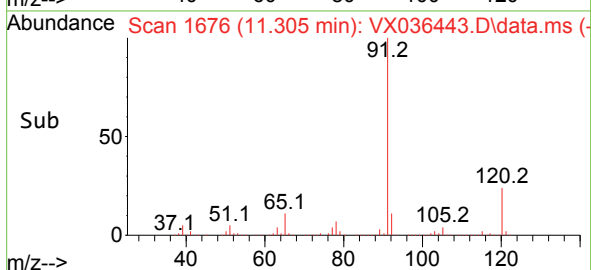
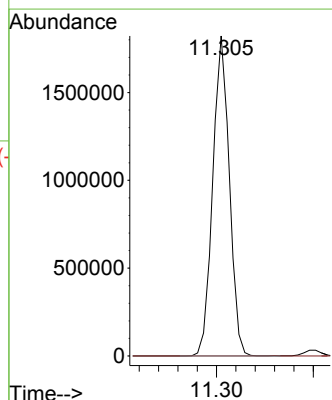
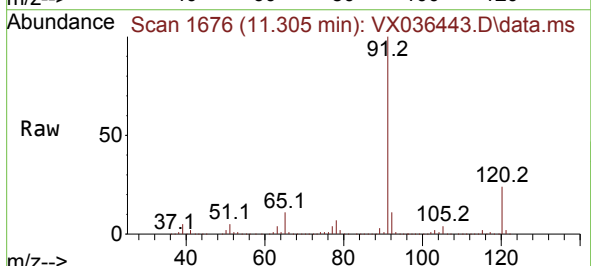
Acq: 06 Jul 2023 18:39

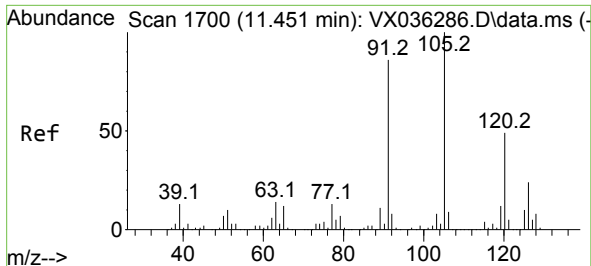
Tgt Ion: 91 Resp: 2167582

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#

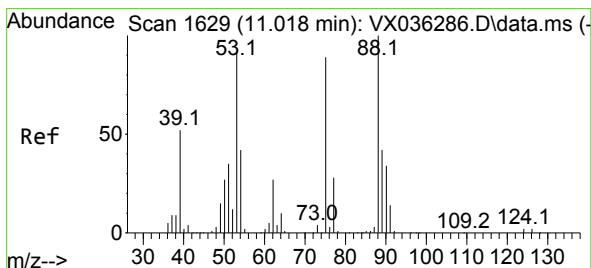
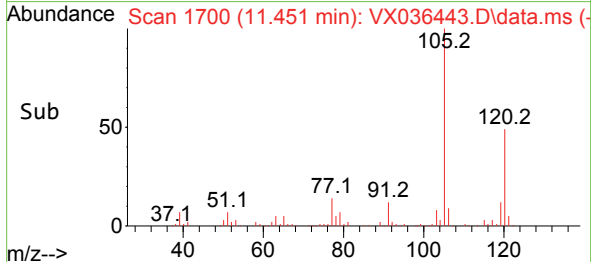
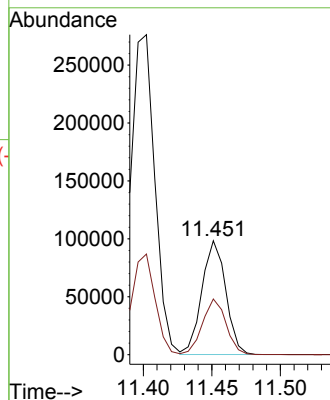
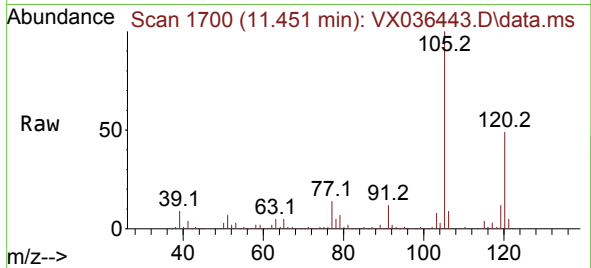




#80
1,3,5-Trimethylbenzene
Concen: 15.817 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

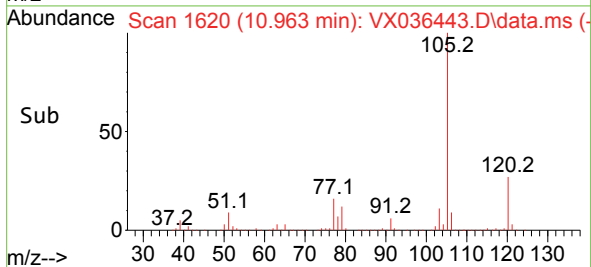
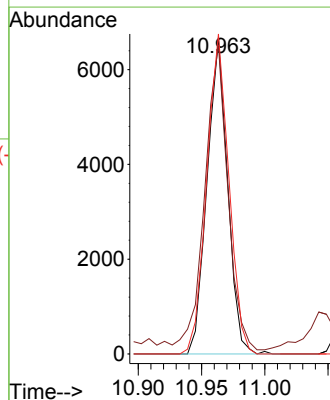
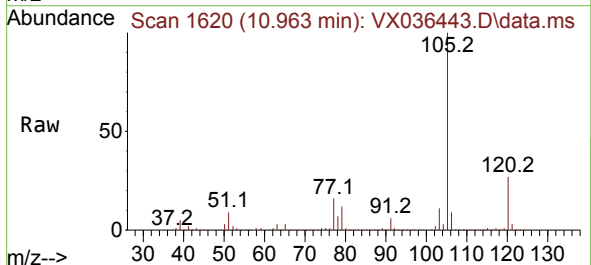
Instrument :
MSVOA_X
ClientSampleId :
MW-6

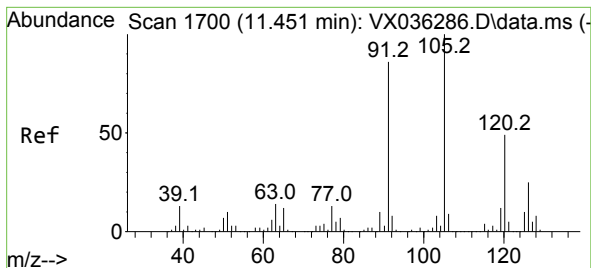
Tgt Ion:105 Resp: 119485
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 9.696 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.055 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 75 Resp: 7510
Ion Ratio Lower Upper
75 100
53 108.4 90.5 135.7
89 109.6 36.9 55.3#

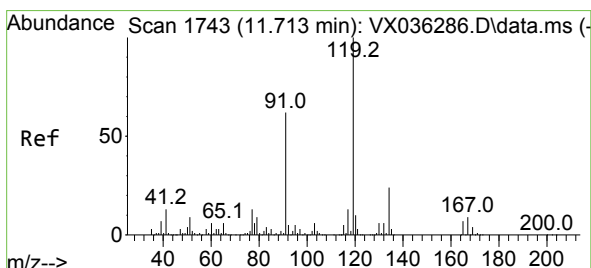
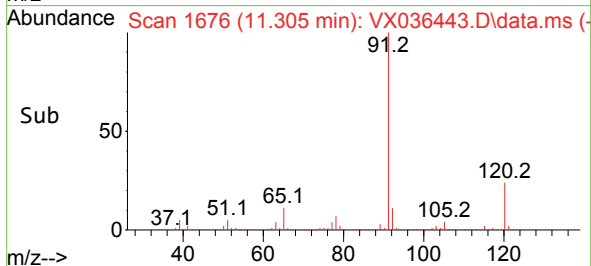
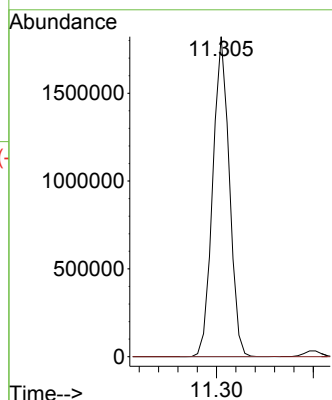
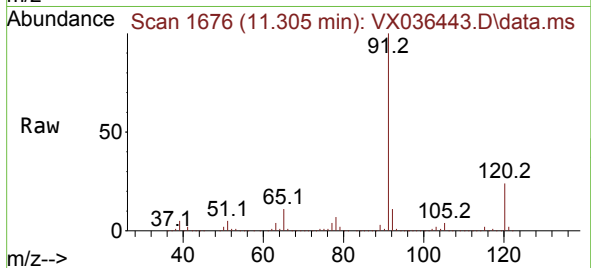




#82
4-Chlorotoluene
Concen: 300.441 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.146 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

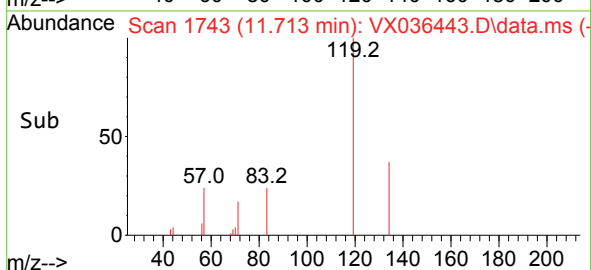
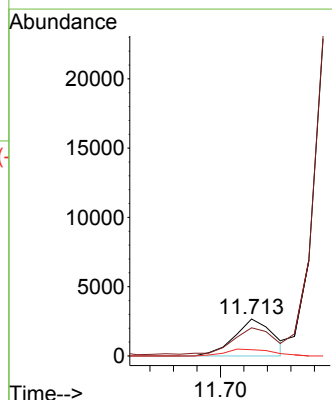
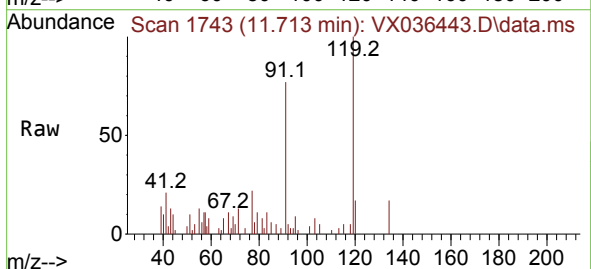
Instrument :
MSVOA_X
ClientSampleId :
MW-6

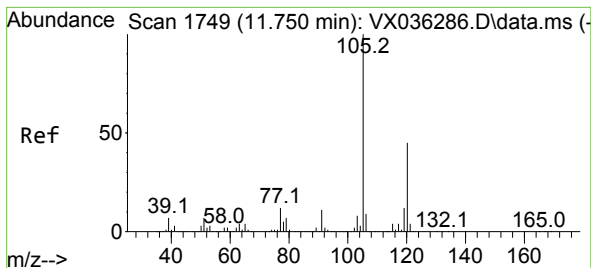
Tgt Ion: 91 Resp: 2167582
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#



#83
tert-Butylbenzene
Concen: 0.420 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 119 Resp: 3038
Ion Ratio Lower Upper
119 100
91 0.0 31.2 93.6#
134 0.0 11.7 35.0#





#84

1,2,4-Trimethylbenzene

Concen: 54.699 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

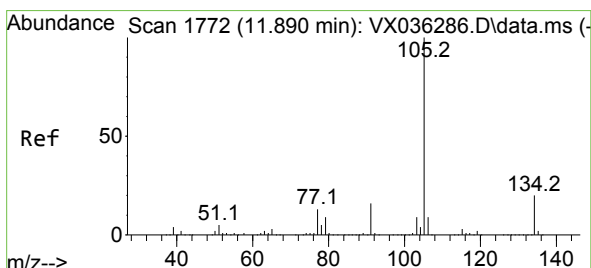
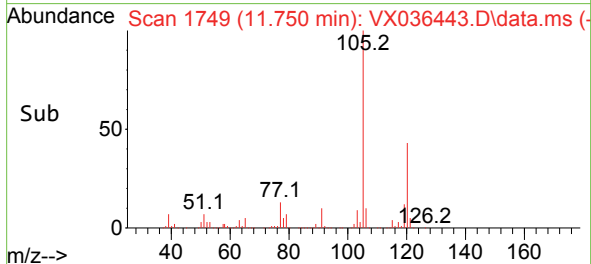
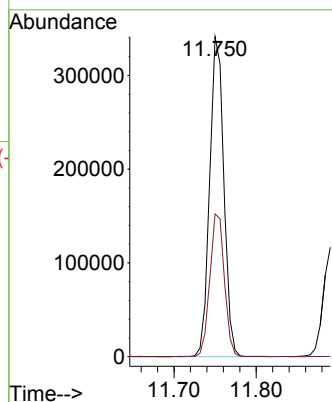
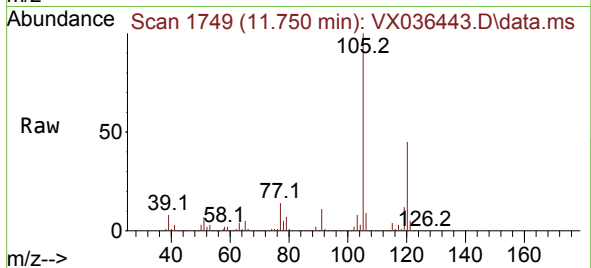
MW-6

Tgt Ion:105 Resp: 408793

Ion Ratio Lower Upper

105 100

120 45.9 21.2 63.6



#85

sec-Butylbenzene

Concen: 15.727 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036443.D

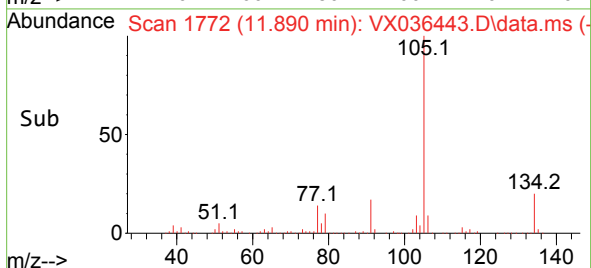
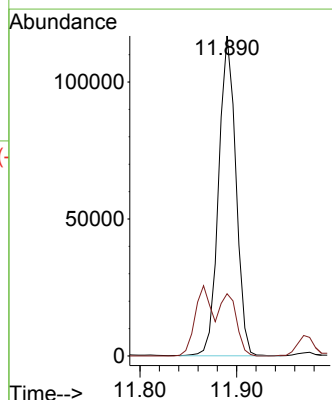
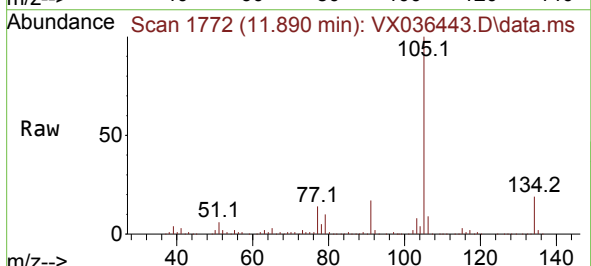
Acq: 06 Jul 2023 18:39

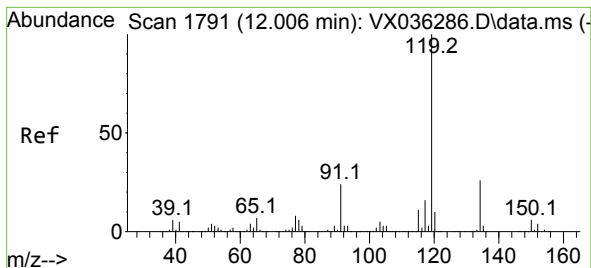
Tgt Ion:105 Resp: 144235

Ion Ratio Lower Upper

105 100

134 18.6 9.8 29.4





#86

p-Isopropyltoluene

Concen: 3.338 ug/l

RT: 12.012 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6

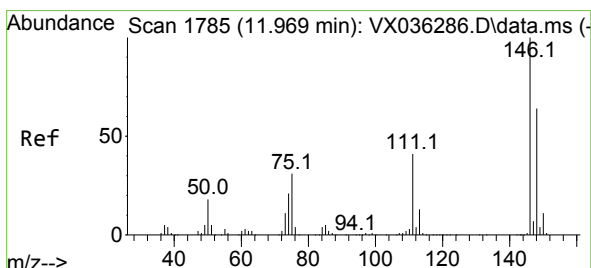
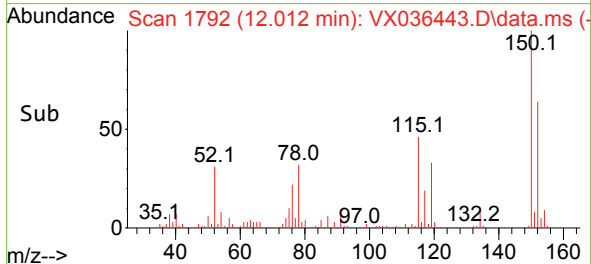
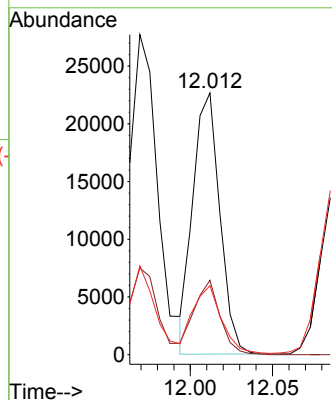
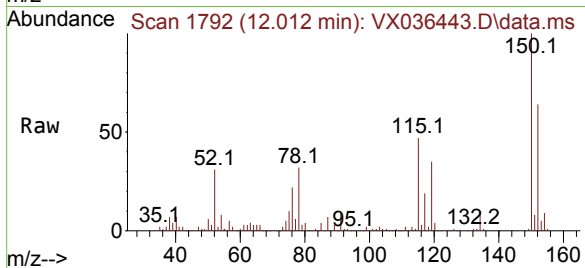
Tgt Ion:119 Resp: 25694

Ion Ratio Lower Upper

119 100

134 29.1 12.8 38.3

91 27.6 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.326 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

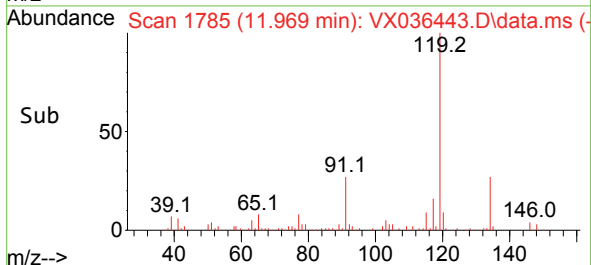
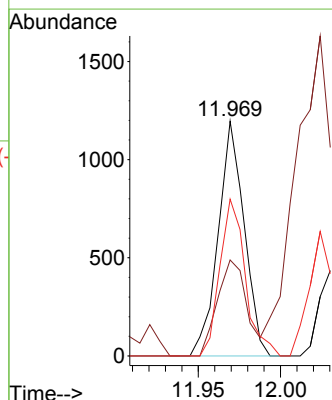
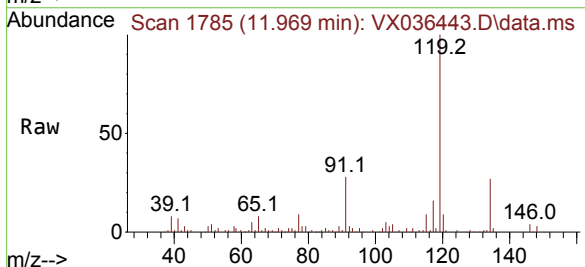
Tgt Ion:146 Resp: 1315

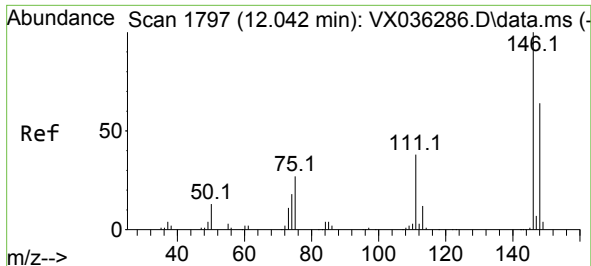
Ion Ratio Lower Upper

146 100

111 46.2 22.1 66.1

148 65.6 31.8 95.3

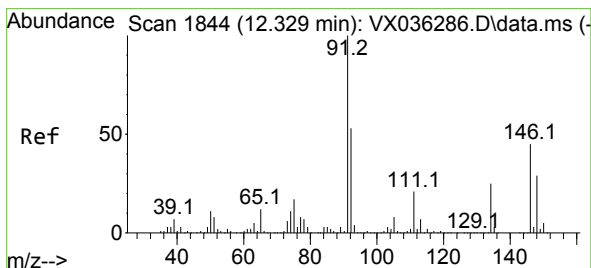
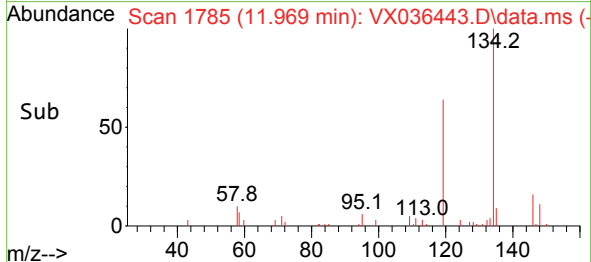
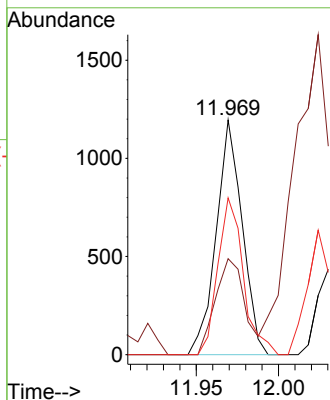
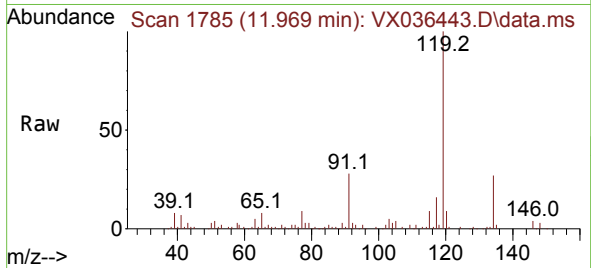




#88
1,4-Dichlorobenzene
Concen: 0.320 ug/l
RT: 11.969 min Scan# 1797
Delta R.T. -0.073 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

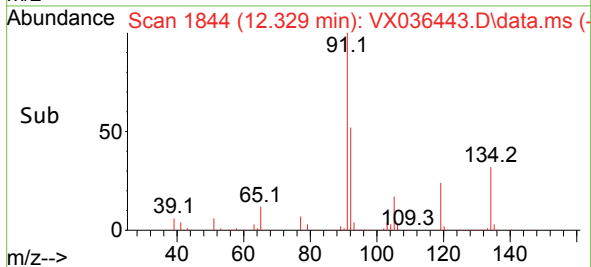
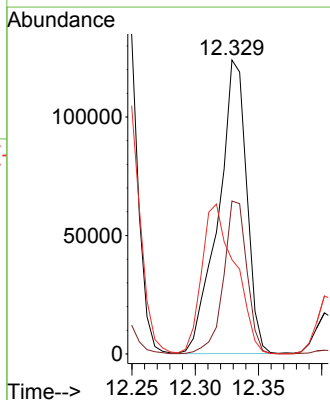
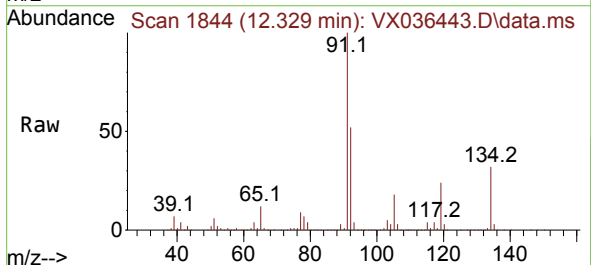
Instrument :
MSVOA_X
ClientSampleId :
MW-6

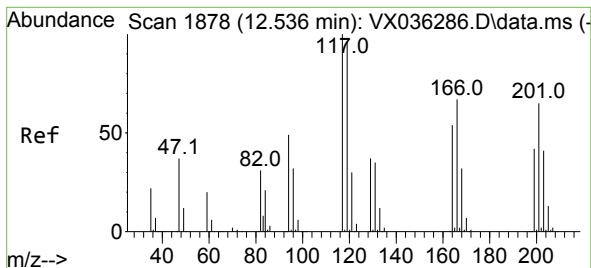
Tgt Ion:146 Resp: 1315
Ion Ratio Lower Upper
146 100
111 46.2 21.3 63.7
148 65.6 31.8 95.4



#89
n-Butylbenzene
Concen: 28.170 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036443.D
Acq: 06 Jul 2023 18:39

Tgt Ion: 91 Resp: 192962
Ion Ratio Lower Upper
91 100
92 43.2 27.4 82.0
134 60.2 12.6 37.8#





#90

Hexachloroethane

Concen: 85.575 ug/l

RT: 12.616 min Scan# 1891

Delta R.T. 0.080 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

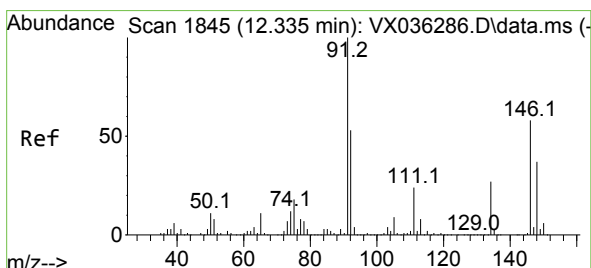
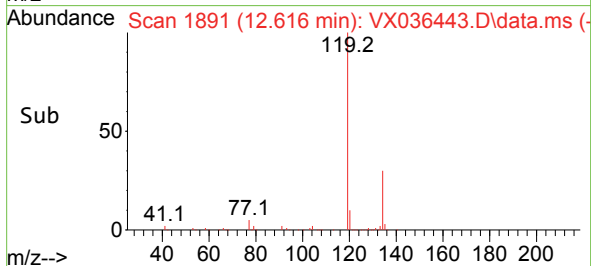
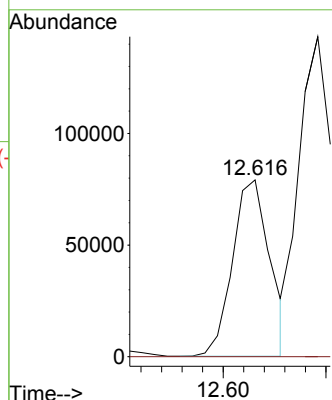
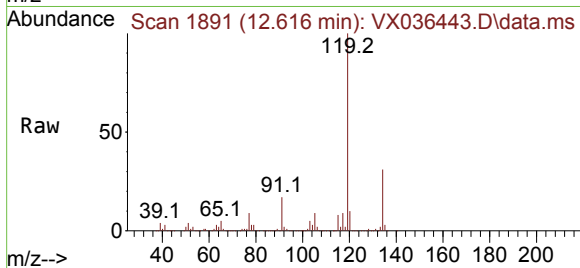
MW-6

Tgt Ion:117 Resp: 99761

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.272 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

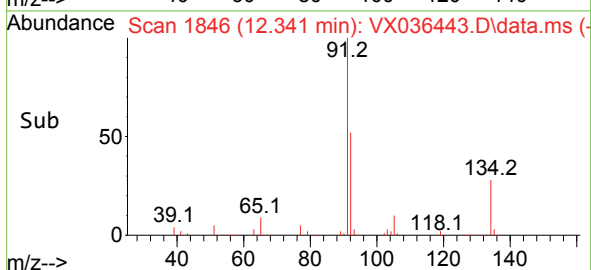
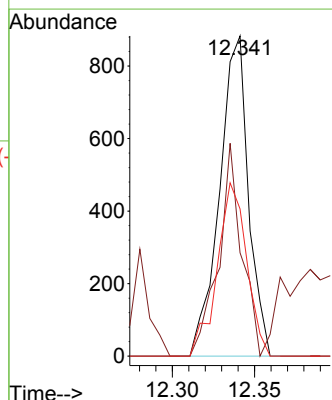
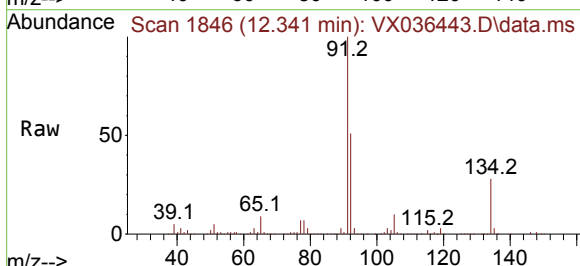
Tgt Ion:146 Resp: 1081

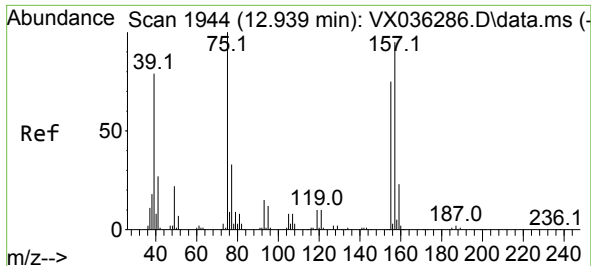
Ion Ratio Lower Upper

146 100

111 53.0 22.4 67.0

148 55.0 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.795 ug/l

RT: 12.963 min Scan# 1944

Delta R.T. 0.018 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6

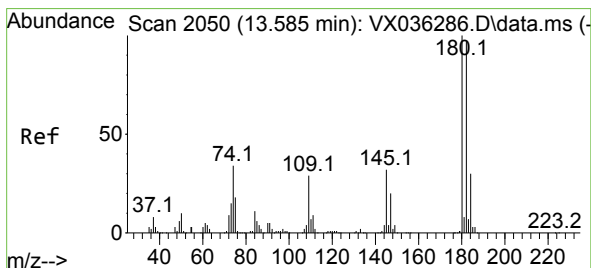
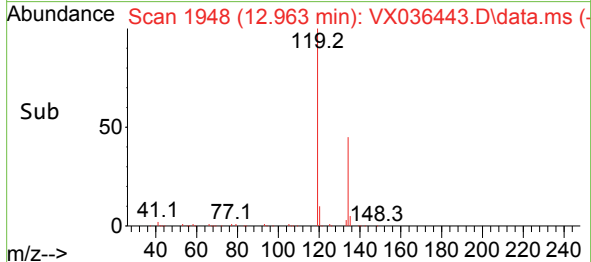
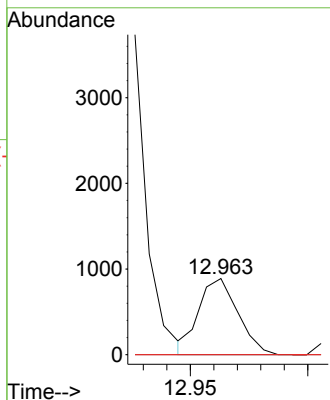
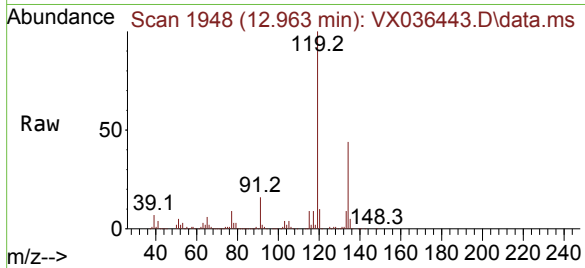
Tgt Ion: 75 Resp: 1030

Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#



#93

1,2,4-Trichlorobenzene

Concen: 0.201 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036443.D

Acq: 06 Jul 2023 18:39

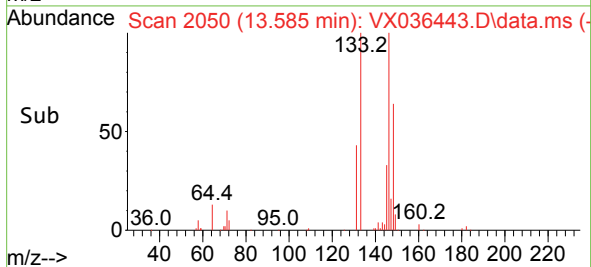
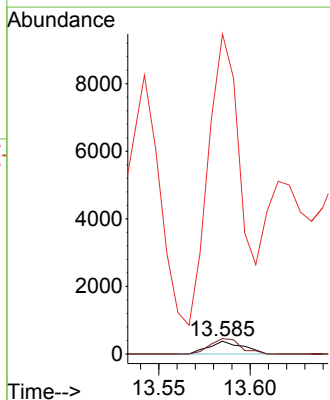
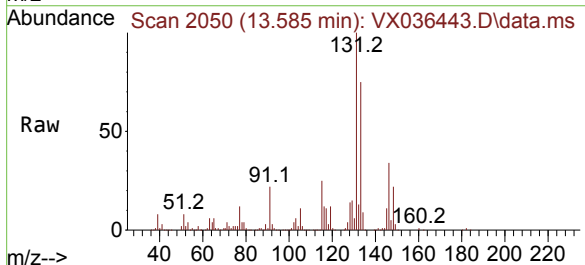
Tgt Ion: 180 Resp: 492

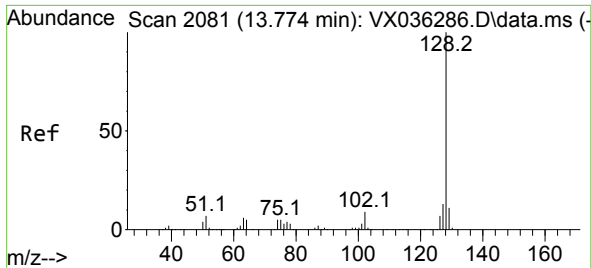
Ion Ratio Lower Upper

180 100

182 107.3 48.3 144.8

145 2480.5 18.0 54.0#





#95

Naphthalene

Concen: 31.656 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036443.D

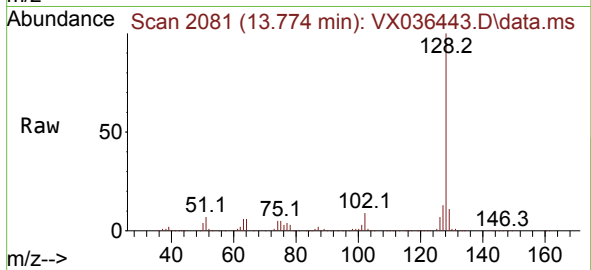
Acq: 06 Jul 2023 18:39

Instrument :

MSVOA_X

ClientSampleId :

MW-6



Tgt Ion:128 Resp: 255778

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 13.0 8.8 13.2

