

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036241.D
 Acq On : 20 Jun 2023 14:30
 Operator : JC/MD
 Sample : 03291-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 21 02:02:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	141142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	256514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124101	48.114	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.220%
35) Dibromofluoromethane	5.385	113	81089	46.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	8.647	98	301126	47.326	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.660%
62) 4-Bromofluorobenzene	11.079	95	120823	47.042	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.080%

Target Compounds						Qvalue
11) Tert butyl alcohol	2.983	59	107	0.271	ug/l #	78
13) Acrolein	2.215	56	1346	3.074	ug/l #	1
14) Allyl chloride	2.715	41	9726	3.154	ug/l #	77
15) Acrylonitrile	3.105	53	5271	5.225	ug/l #	41
16) Acetone	2.386	43	10091	9.417	ug/l	93
18) Methyl Acetate	2.703	43	6635	1.633	ug/l #	53
20) Methylene Chloride	2.794	84	1381	0.711	ug/l #	52
25) 2-Butanone	4.568	43	3567	2.378	ug/l #	79
26) 2,2-Dichloropropane	4.306	77	2273	0.862	ug/l #	54
31) Cyclohexane	5.470	56	176050	63.625	ug/l	97
36) 1,1-Dichloropropene	5.550	75	13089	5.108	ug/l #	51
37) Ethyl Acetate	4.775	43	826	0.277	ug/l #	40
38) Carbon Tetrachloride	5.550	117	16773	6.734	ug/l #	14
39) Methylcyclohexane	7.379	83	153293	55.549	ug/l	96
40) Benzene	6.037	78	17324	2.404	ug/l	97
41) Methacrylonitrile	4.946	41	729	0.443	ug/l #	26
43) Isopropyl Acetate	6.354	43	4361	0.955	ug/l #	62
45) 1,2-Dichloropropane	7.379	63	2148	1.121	ug/l #	1
47) Bromodichloromethane	7.775	83	652	0.249	ug/l #	80
48) Methyl methacrylate	7.659	41	9625	4.106	ug/l #	60
51) 4-Methyl-2-Pentanone	8.574	43	6616	2.293	ug/l	90
52) Toluene	8.720	92	137238	30.421	ug/l	100
53) t-1,3-Dichloropropene	8.720	75	1878	0.696	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	7804	4.190	ug/l #	21
56) Ethyl methacrylate	9.098	69	2082	0.740	ug/l #	1
59) 2-Hexanone	9.433	43	3269	1.524	ug/l	93
67) Ethyl Benzene	10.195	91	96904	11.371	ug/l	99
68) m/p-Xylenes	10.299	106	245047	76.211	ug/l	99
69) o-Xylene	10.640	106	174417	54.981	ug/l	97
70) Styrene	10.640	104	9672	1.830	ug/l #	1
73) Isopropylbenzene	10.963	105	88938	11.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.226	83	851	0.309	ug/l #	26
76) 1,2,3-Trichloropropane	11.378	75	4894	1.905	ug/l #	1
78) n-propylbenzene	11.305	91	132959	14.072	ug/l	96
79) 2-Chlorotoluene	11.378	91	70338	11.836	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	73967	10.816	ug/l	99

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

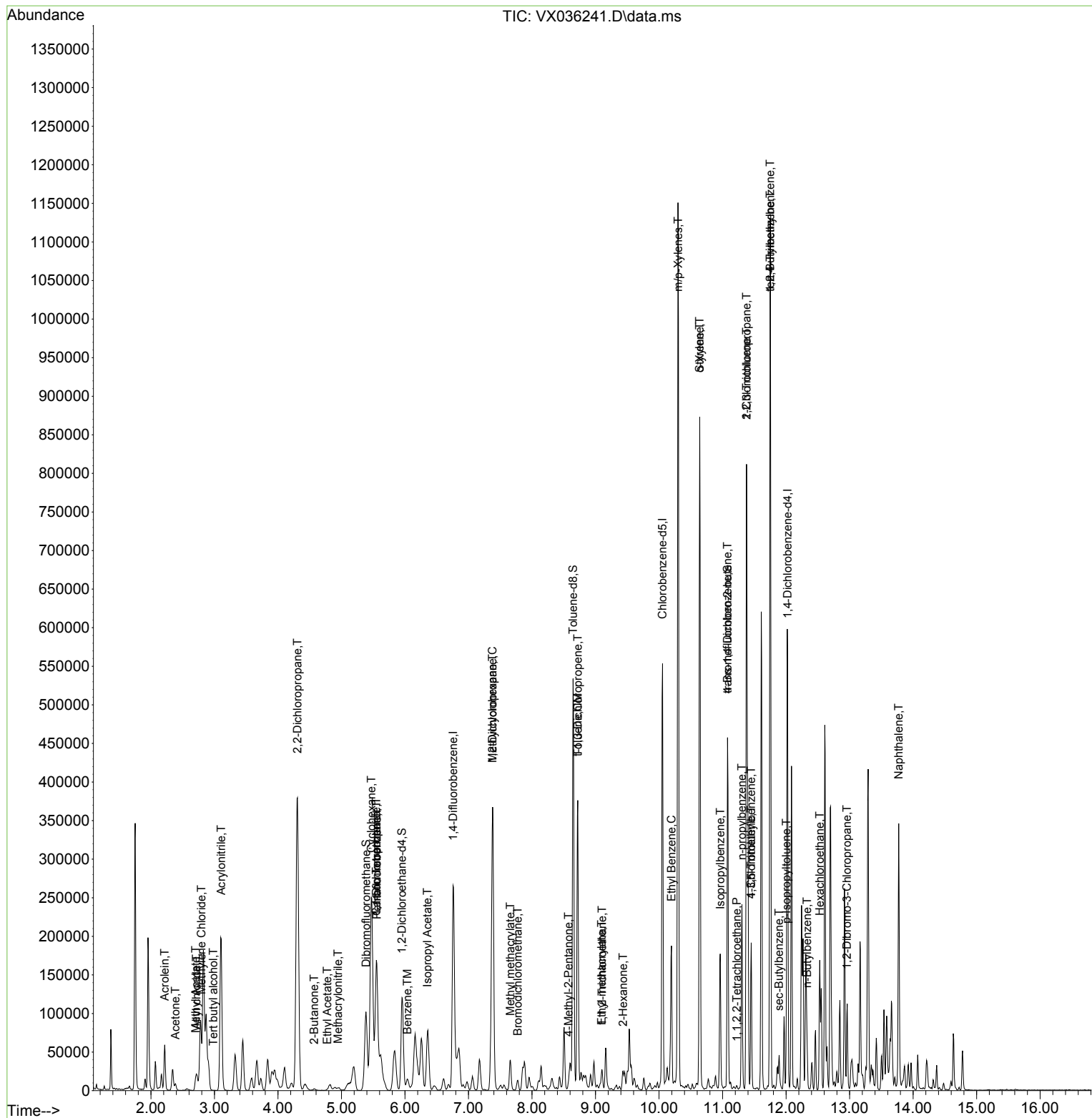
81) trans-1,4-Dichloro-2-b...	11.079	75	66432	90.519	ug/l #	5
82) 4-Chlorotoluene	11.451	91	9635	1.391	ug/l #	46
83) tert-Butylbenzene	11.750	119	53107	8.168	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.750	105	452663	66.358	ug/l	97
85) sec-Butylbenzene	11.890	105	20064	2.478	ug/l	97
86) p-Isopropyltoluene	12.006	119	19211	2.821	ug/l	97
89) n-Butylbenzene	12.329	91	31315	5.152	ug/l #	69
90) Hexachloroethane	12.530	117	6792	6.357	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.957	75	363	0.598	ug/l #	9
95) Naphthalene	13.774	128	194634	28.263	ug/l	99

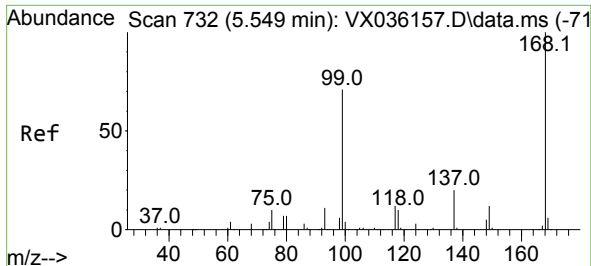
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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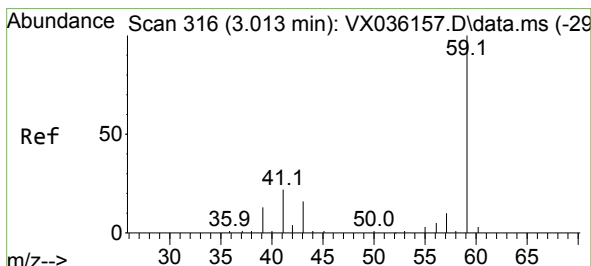
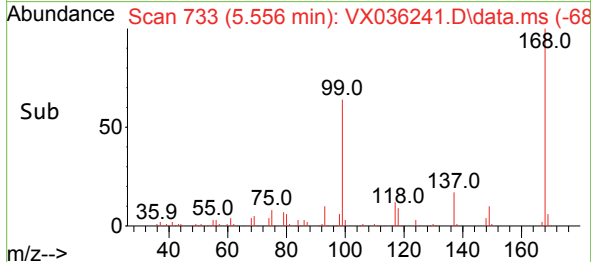
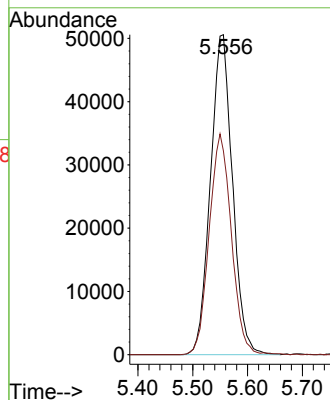
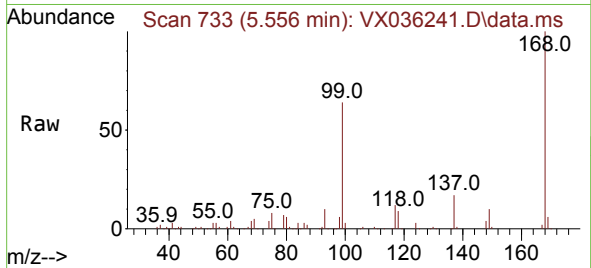




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

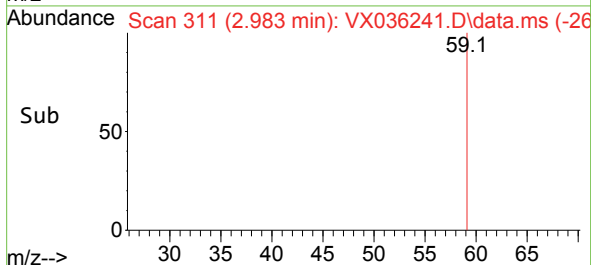
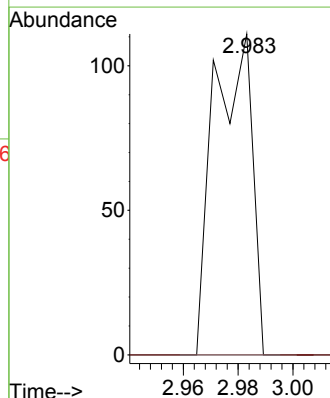
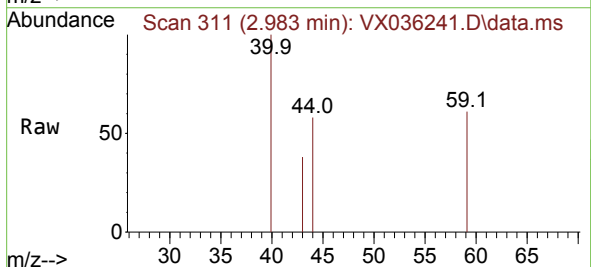
Instrument :
MSVOA_X
ClientSampleId :
MW-3

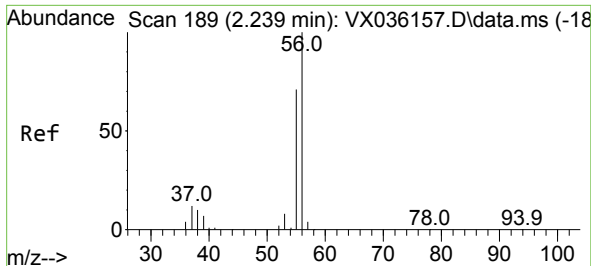
Tgt Ion:168 Resp: 141142
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.271 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.030 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 3.074 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

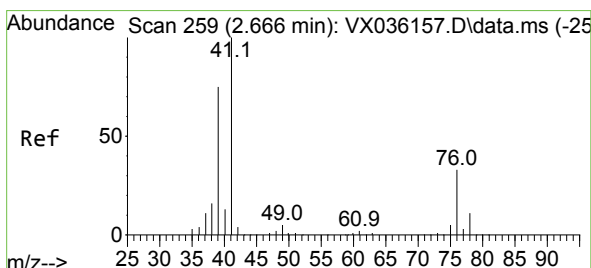
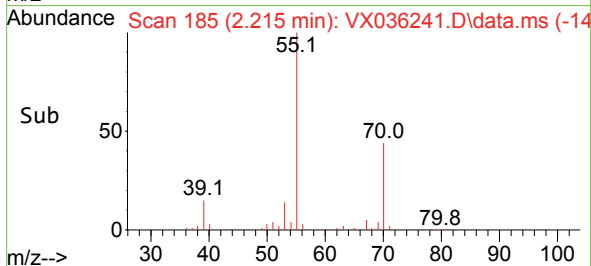
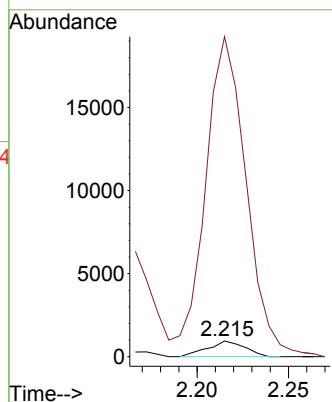
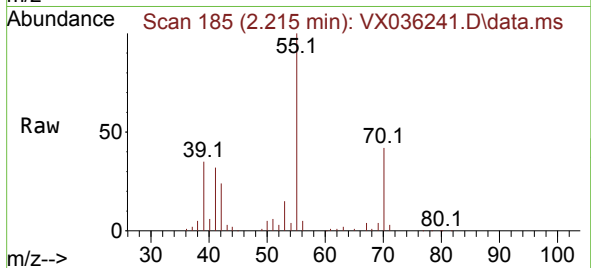
MW-3

Tgt Ion: 56 Resp: 1346

Ion Ratio Lower Upper

56 100

55 2223.4 57.1 85.7#



#14

Allyl chloride

Concen: 3.154 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.049 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

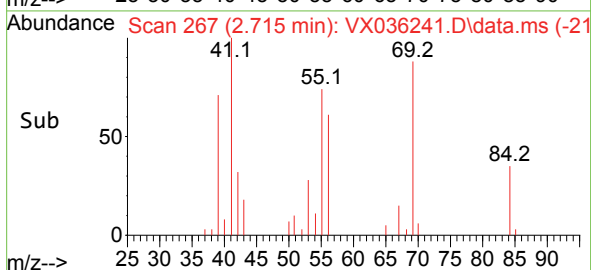
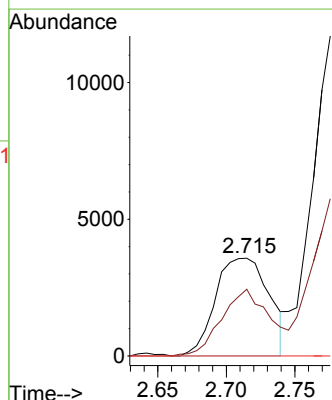
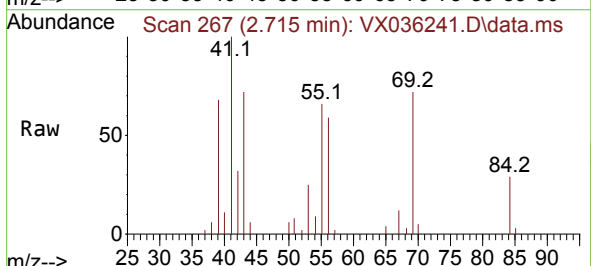
Tgt Ion: 41 Resp: 9726

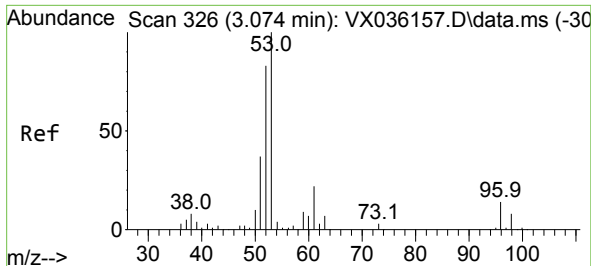
Ion Ratio Lower Upper

41 100

39 62.4 55.8 83.6

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 5.225 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

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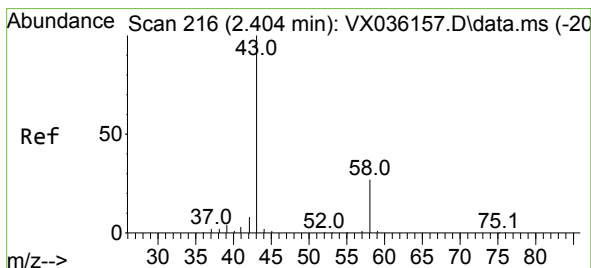
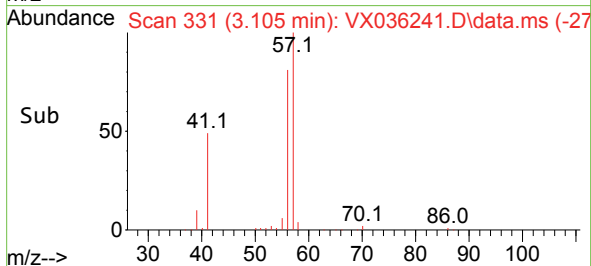
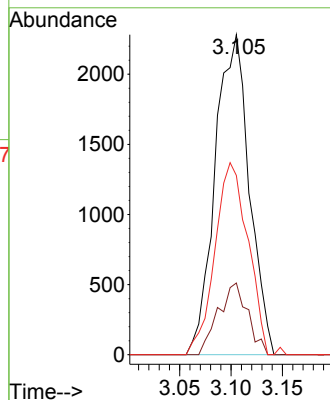
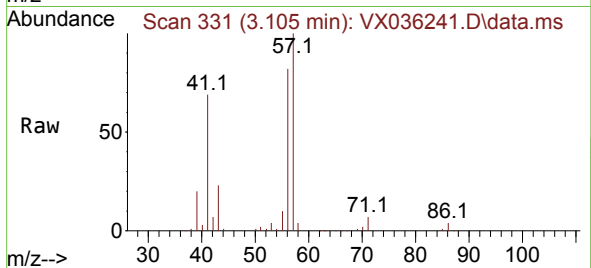
Tgt Ion: 53 Resp: 5271

Ion Ratio Lower Upper

53 100

52 19.3 66.0 99.0#

51 58.1 29.8 44.6#



#16

Acetone

Concen: 9.417 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.018 min

Lab File: VX036241.D

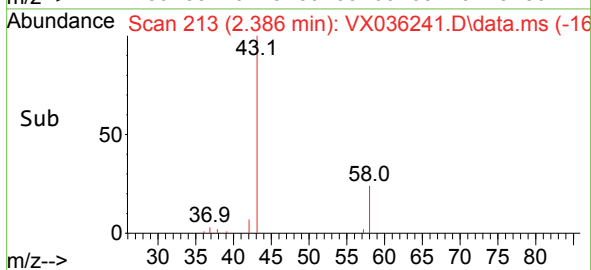
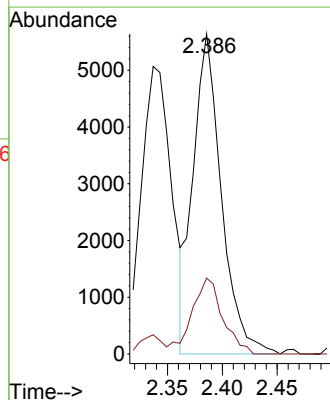
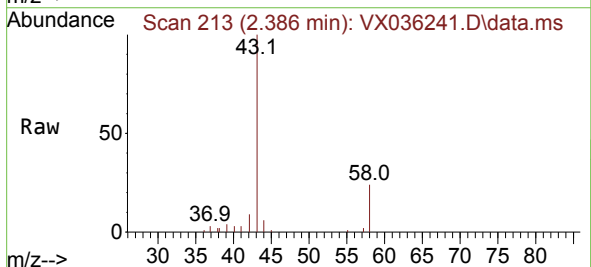
Acq: 20 Jun 2023 14:30

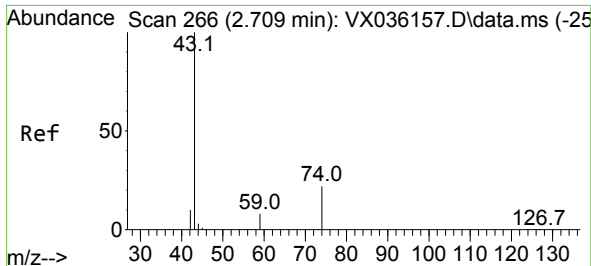
Tgt Ion: 43 Resp: 10091

Ion Ratio Lower Upper

43 100

58 23.7 21.9 32.9

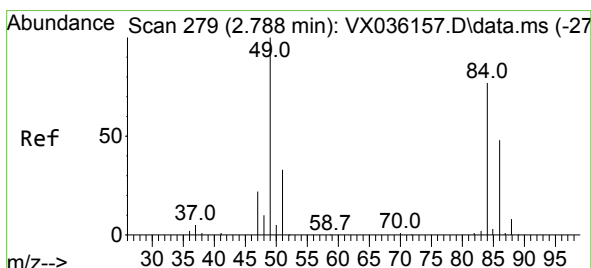
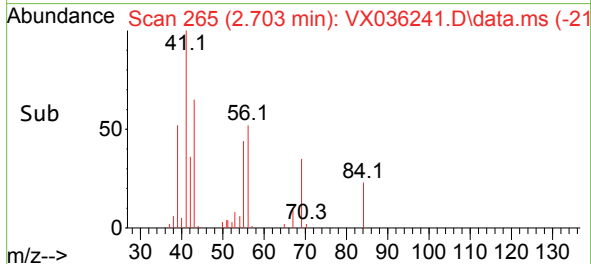
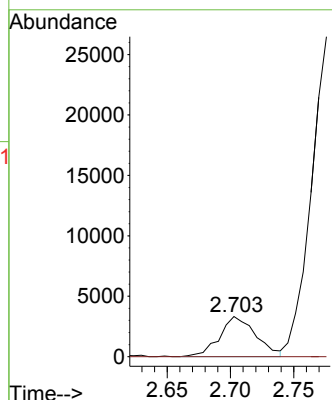
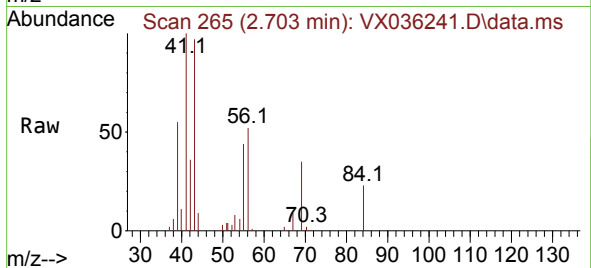




#18
Methyl Acetate
Concen: 1.633 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

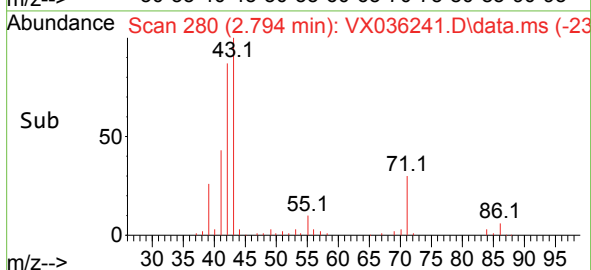
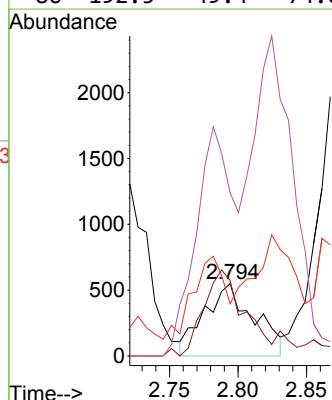
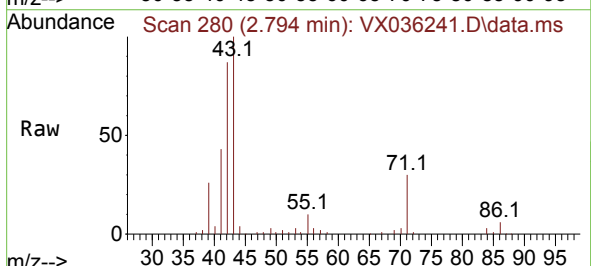
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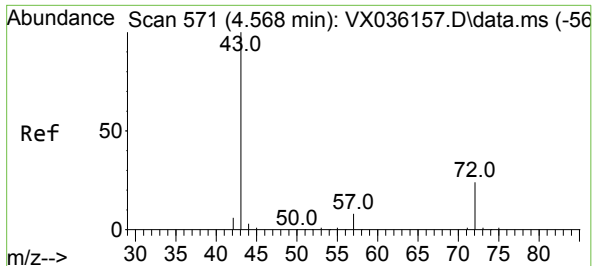
Tgt Ion: 43 Resp: 6635
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.711 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion: 84 Resp: 1381
Ion Ratio Lower Upper
84 100
49 129.9 103.6 155.4
51 51.7 33.8 50.6#
86 192.5 49.4 74.0#





#25

2-Butanone

Concen: 2.378 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

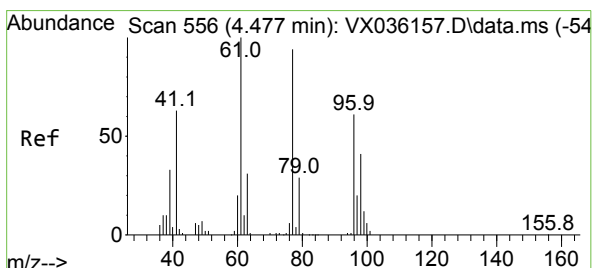
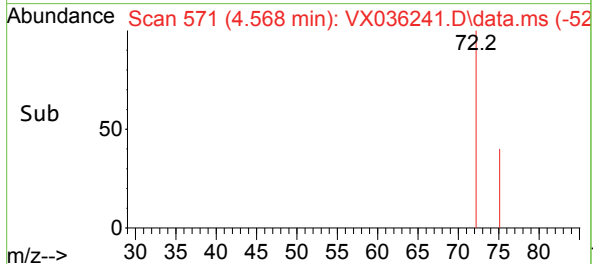
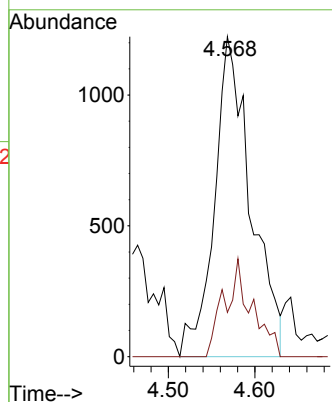
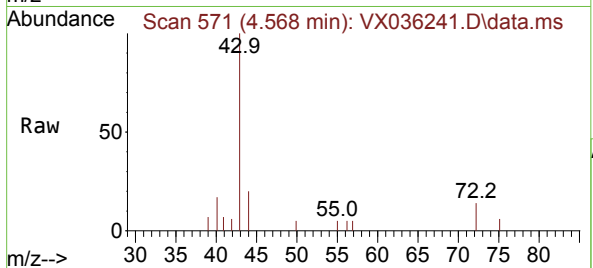
MW-3

Tgt Ion: 43 Resp: 3567

Ion Ratio Lower Upper

43 100

72 13.8 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.862 ug/l

RT: 4.306 min Scan# 528

Delta R.T. -0.171 min

Lab File: VX036241.D

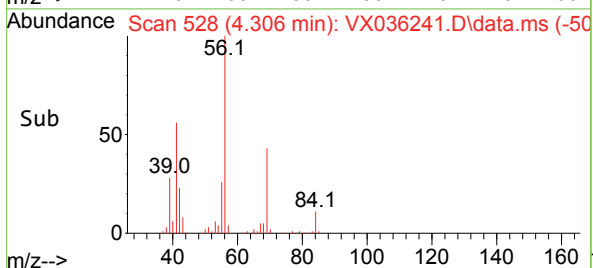
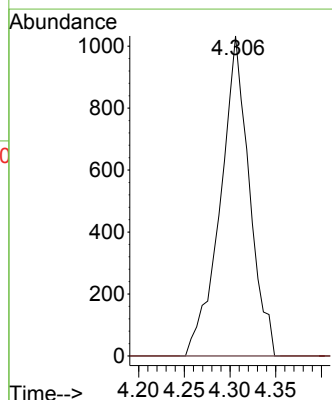
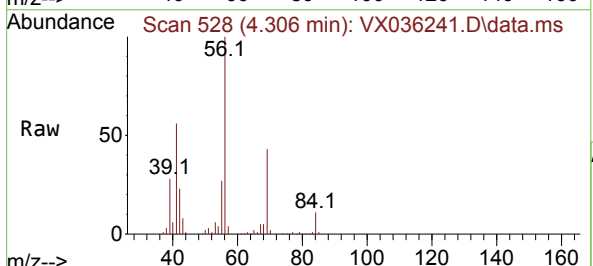
Acq: 20 Jun 2023 14:30

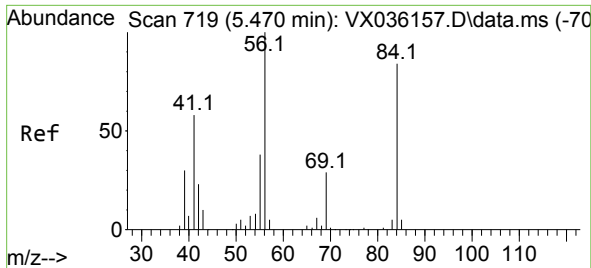
Tgt Ion: 77 Resp: 2273

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#

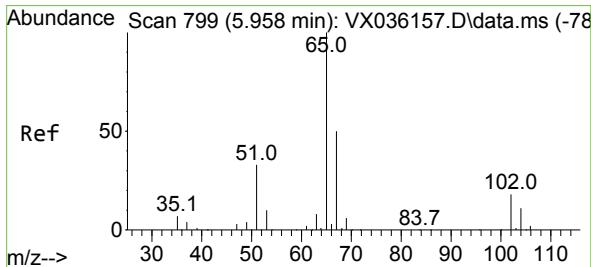
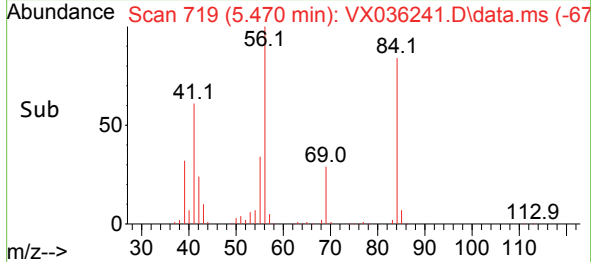
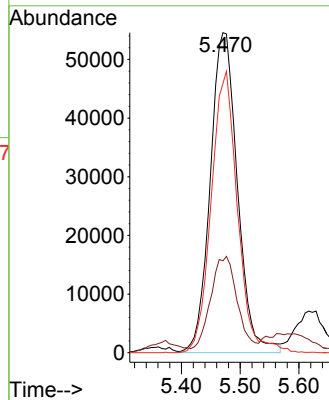
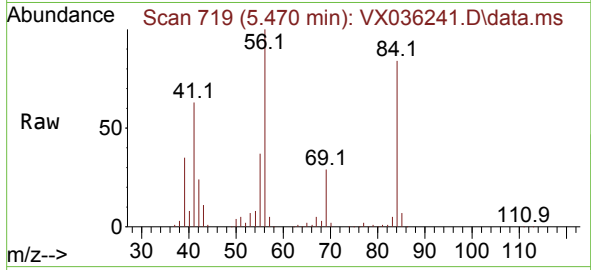




#31
Cyclohexane
Concen: 63.625 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

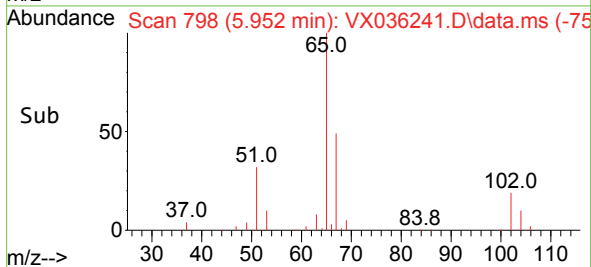
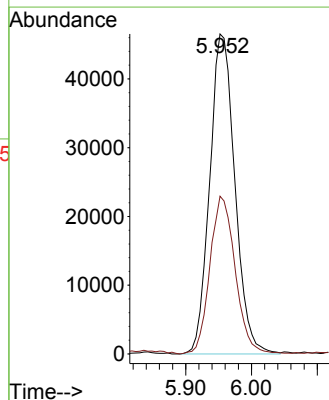
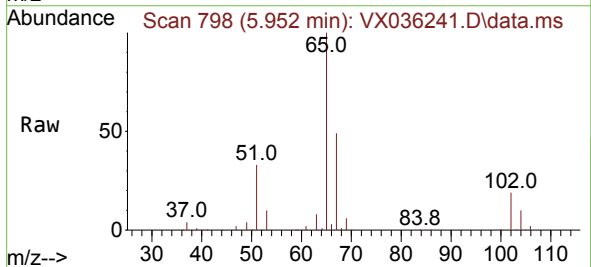
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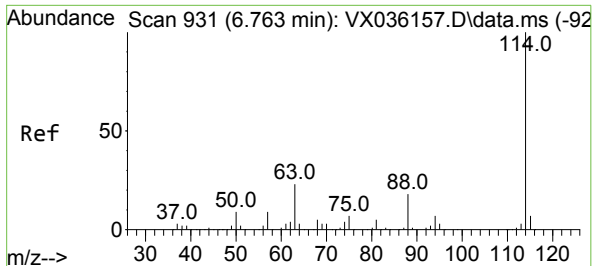
Tgt Ion:	56	Resp:	176050
Ion	Ratio	Lower	Upper
56	100		
69	26.8	23.4	35.2
84	84.3	65.9	98.9



#33
1,2-Dichloroethane-d4
Concen: 48.114 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion:	65	Resp:	124101
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	100.2

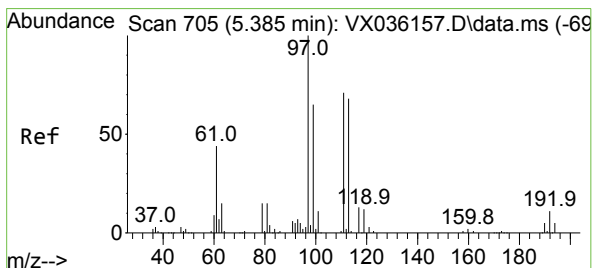
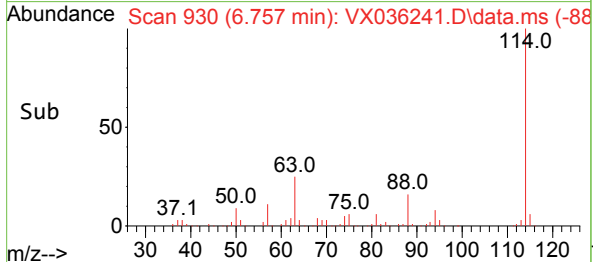
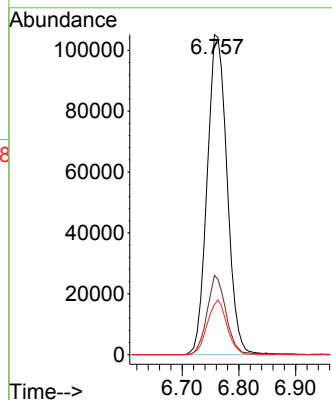
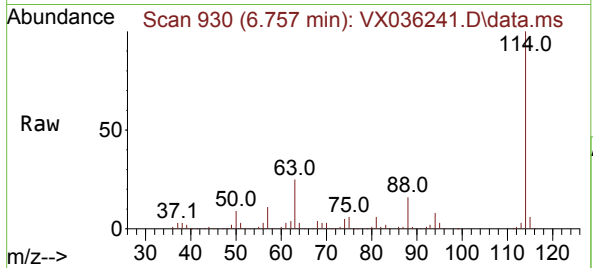




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

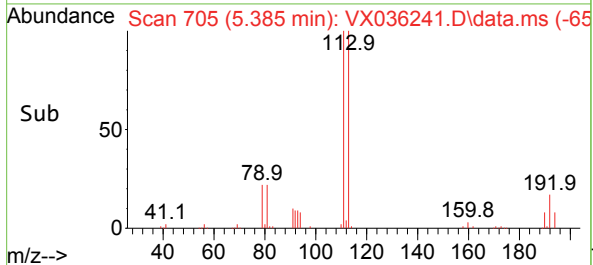
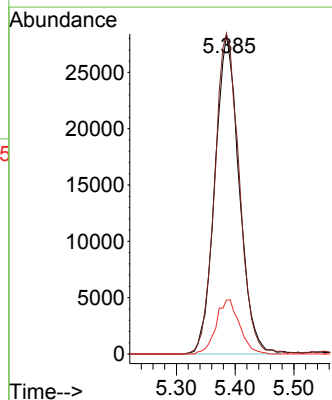
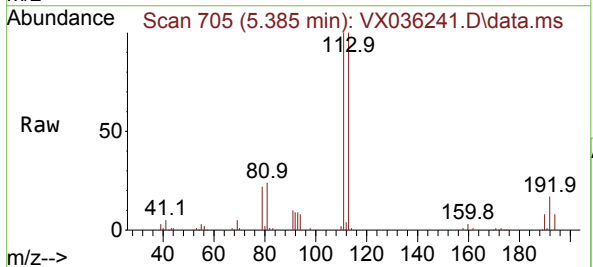
Instrument :
MSVOA_X
ClientSampleId :
MW-3

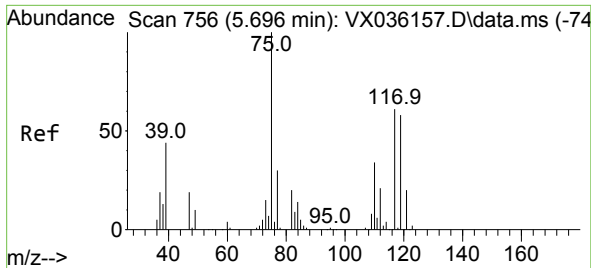
Tgt Ion:114 Resp: 256514
Ion Ratio Lower Upper
114 100
63 24.8 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.617 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion:113 Resp: 81089
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 16.4 13.3 19.9

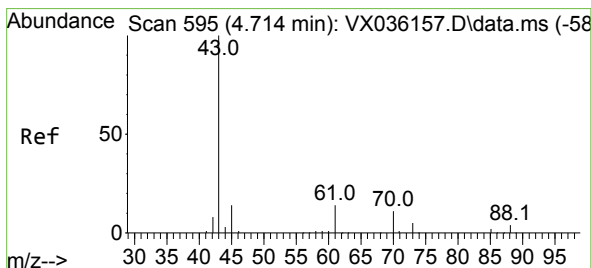
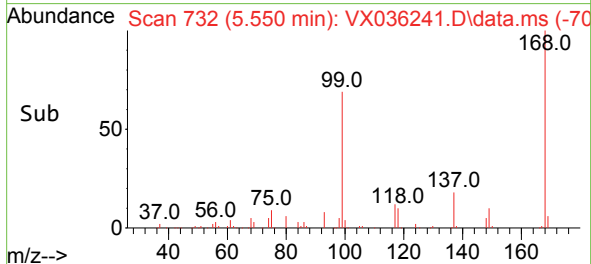
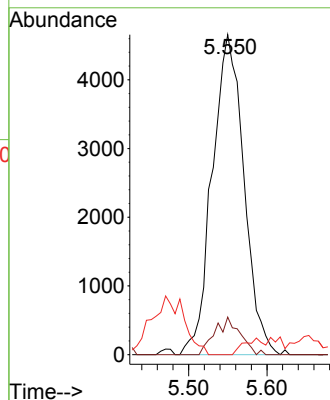
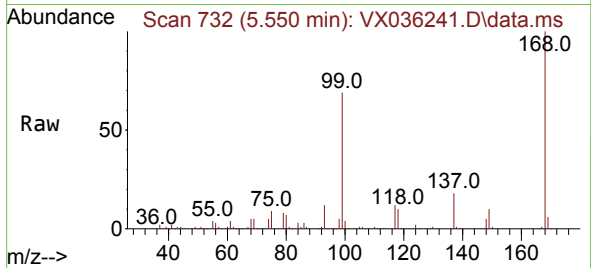




#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

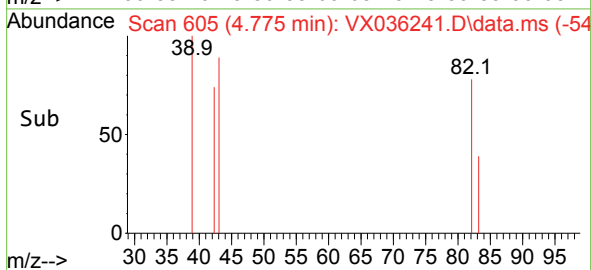
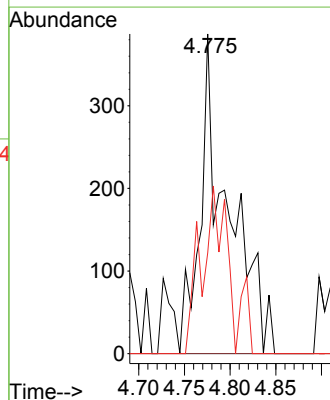
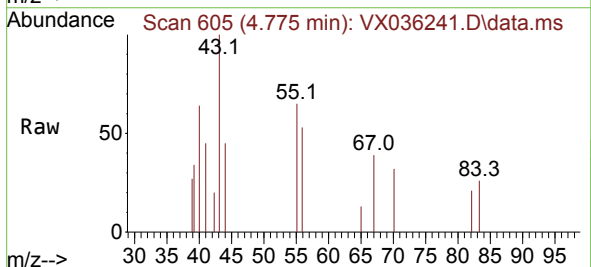
Instrument :
MSVOA_X
ClientSampleId :
MW-3

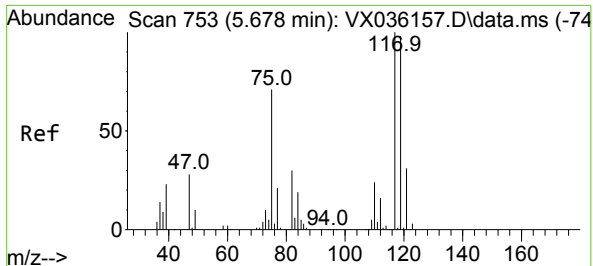
Tgt Ion: 75 Resp: 13089
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.277 ug/l
RT: 4.775 min Scan# 605
Delta R.T. 0.061 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

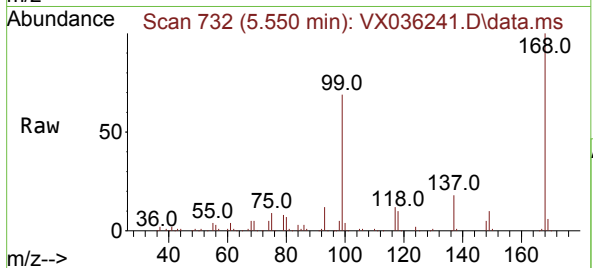
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 45.8 8.3 12.5#



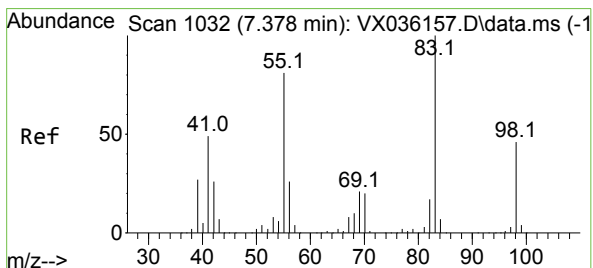
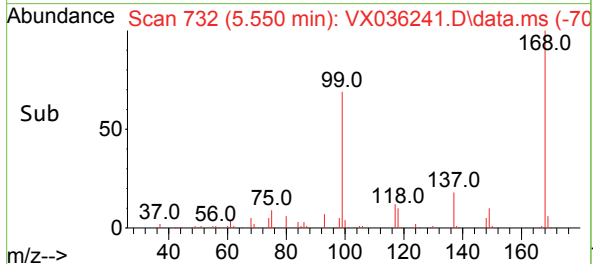
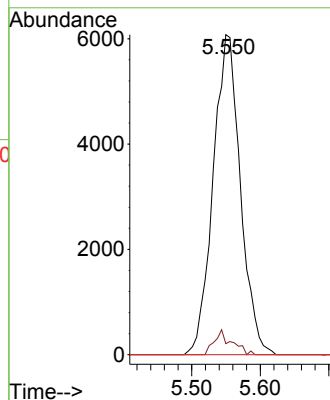


#38
Carbon Tetrachloride
Concen: 6.734 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-3

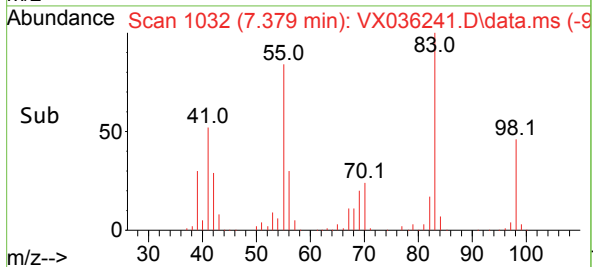
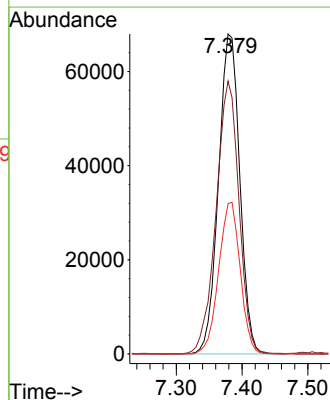
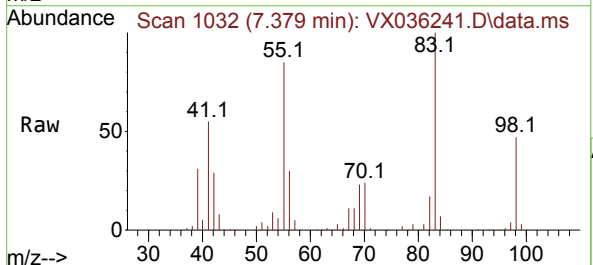


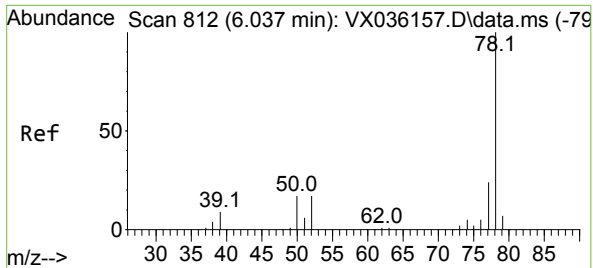
Tgt Ion:117 Resp: 16773
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 55.549 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion: 83 Resp: 153293
Ion Ratio Lower Upper
83 100
55 85.2 64.6 97.0
98 47.0 36.7 55.1

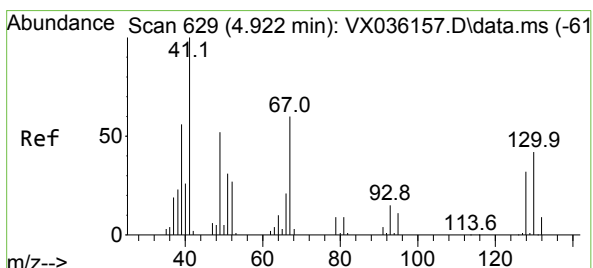
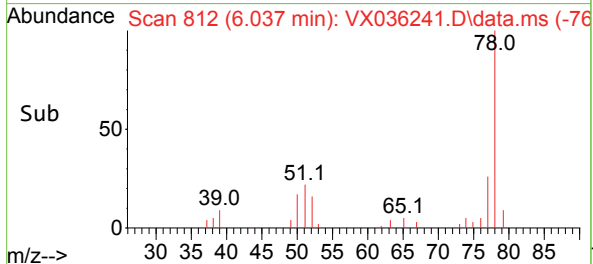
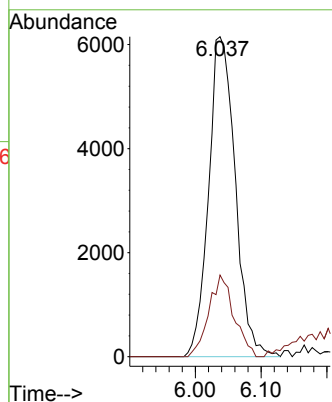
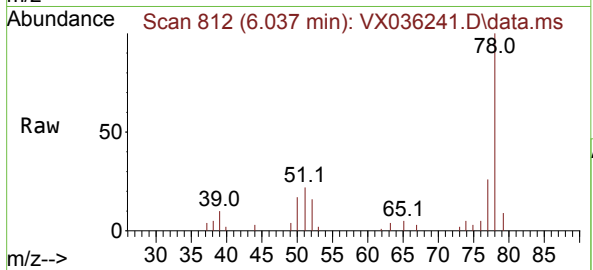




#40
Benzene
Concen: 2.404 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

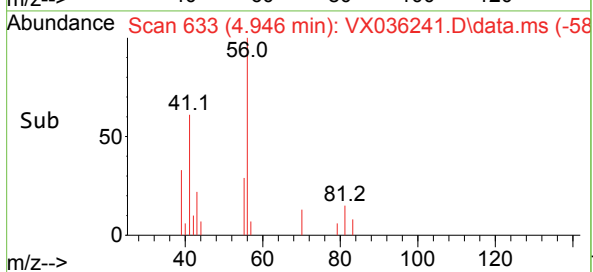
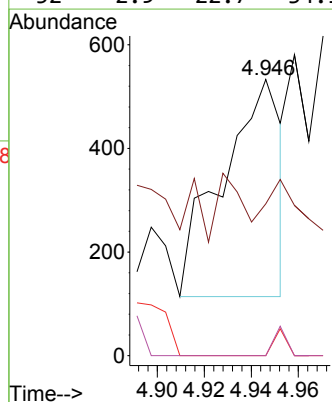
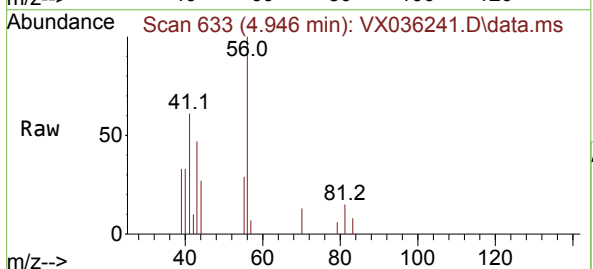
Instrument :
MSVOA_X
ClientSampleId :
MW-3

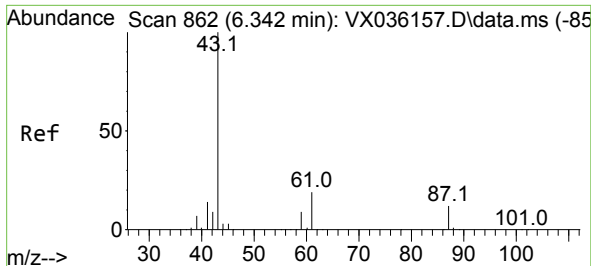
Tgt Ion: 78 Resp: 17324
Ion Ratio Lower Upper
78 100
77 25.5 19.3 28.9



#41
Methacrylonitrile
Concen: 0.443 ug/l
RT: 4.946 min Scan# 633
Delta R.T. 0.024 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion: 41 Resp: 729
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 52.6 78.8#
52 2.9 22.7 34.1#





#43

Isopropyl Acetate

Concen: 0.955 ug/l

RT: 6.354 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3

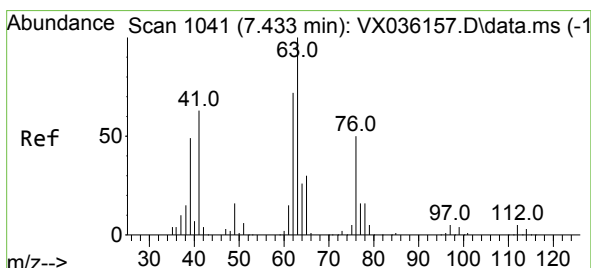
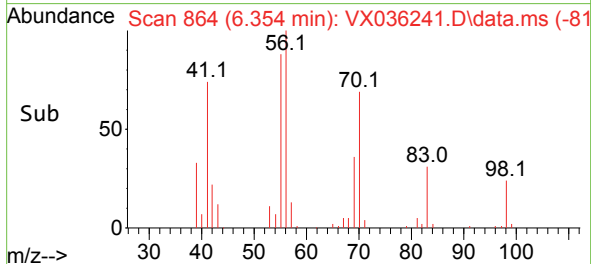
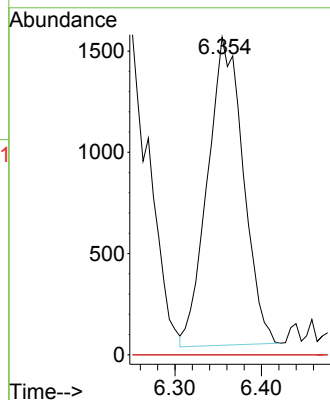
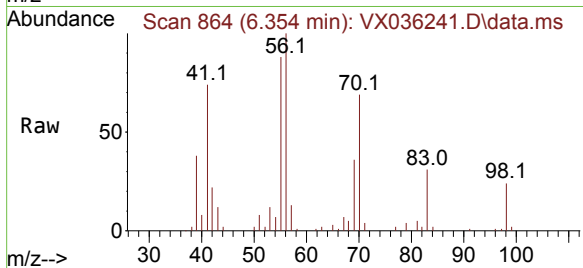
Tgt Ion: 43 Resp: 4361

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: 1.121 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.054 min

Lab File: VX036241.D

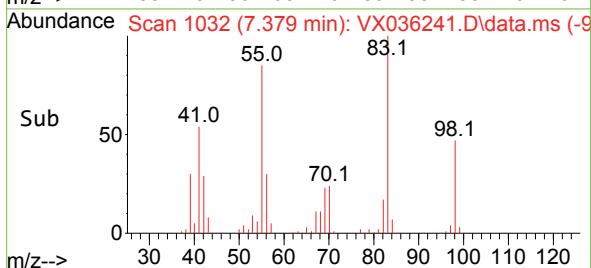
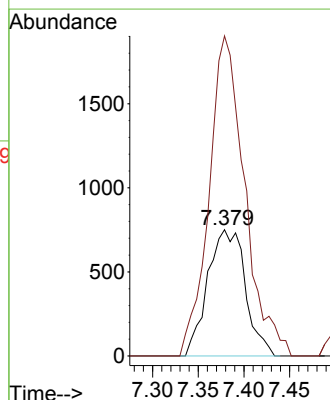
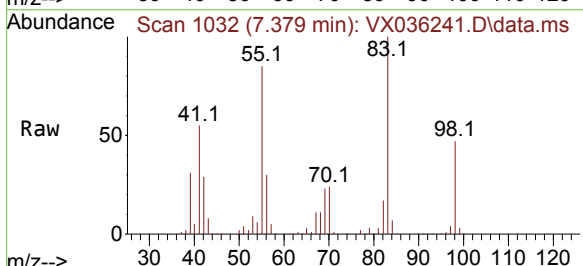
Acq: 20 Jun 2023 14:30

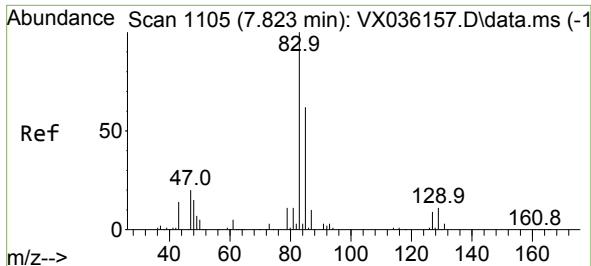
Tgt Ion: 63 Resp: 2148

Ion Ratio Lower Upper

63 100

65 253.4 24.3 36.5#

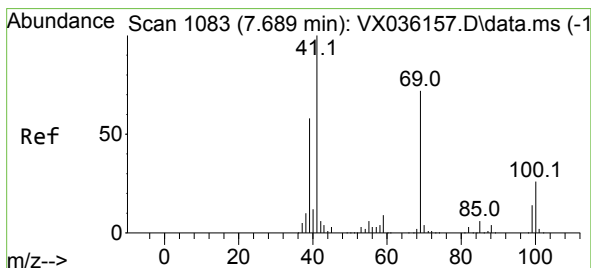
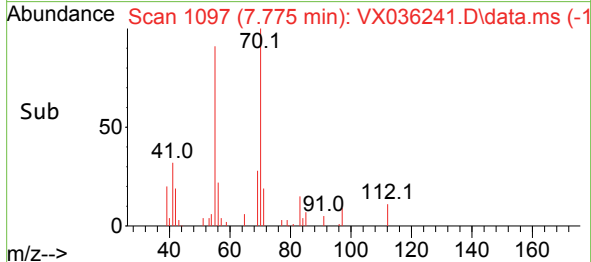
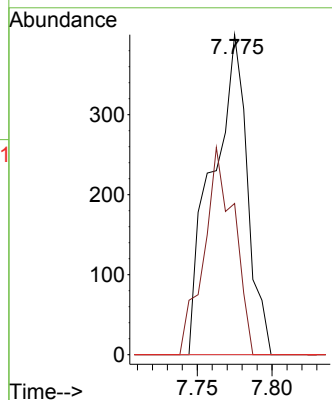
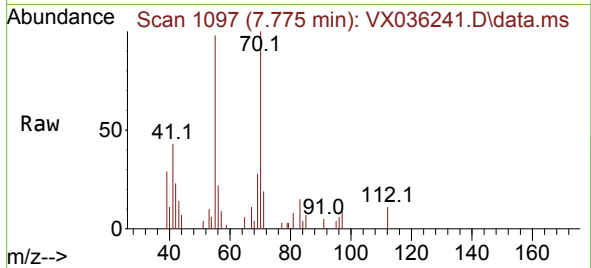




#47
Bromodichloromethane
Concen: 0.249 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. -0.048 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

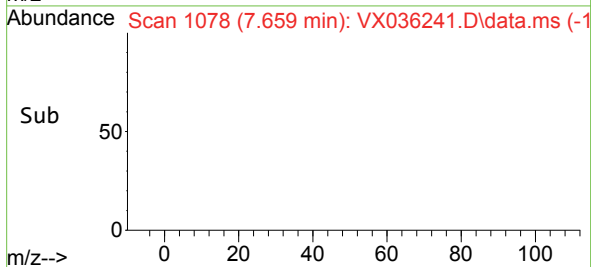
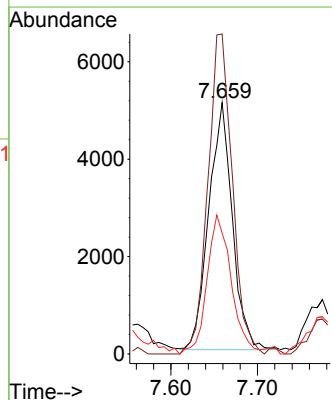
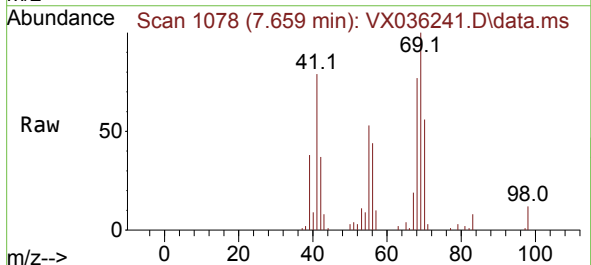
Instrument :
MSVOA_X
ClientSampleId :
MW-3

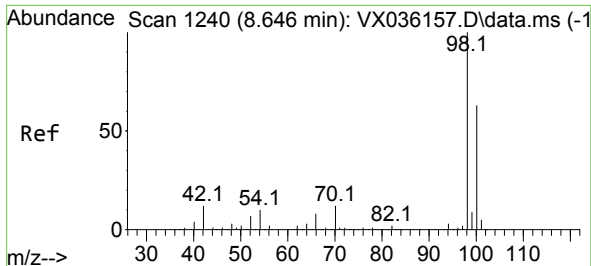
Tgt Ion: 83 Resp: 652
Ion Ratio Lower Upper
83 100
85 47.3 49.8 74.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 4.106 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.030 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion: 41 Resp: 9625
Ion Ratio Lower Upper
41 100
69 133.4 59.2 88.8#
39 57.4 47.7 71.5

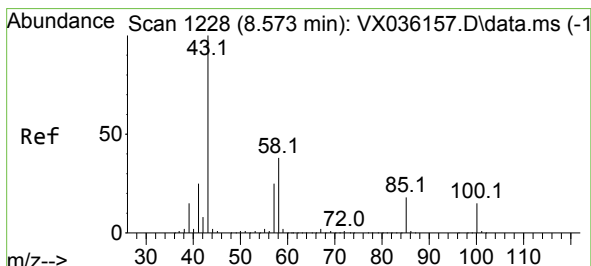
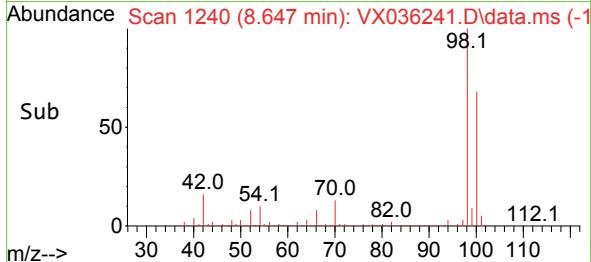
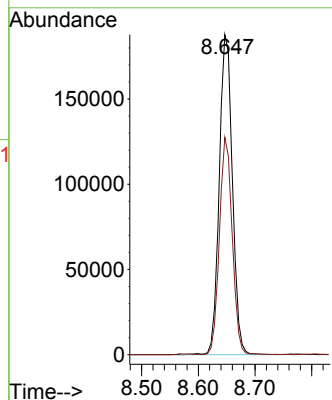
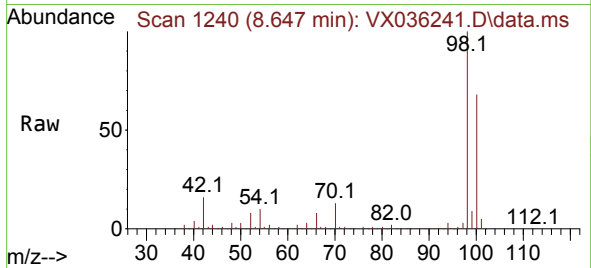




#50
Toluene-d8
Concen: 47.326 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

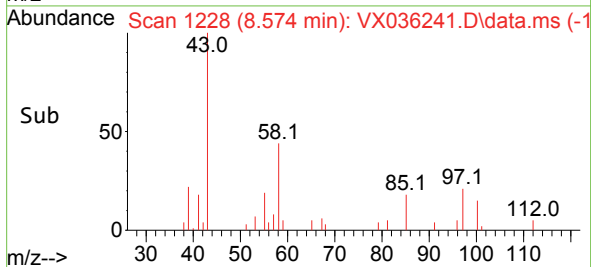
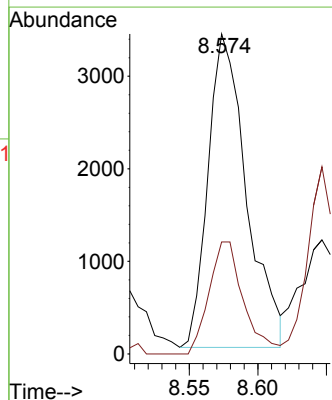
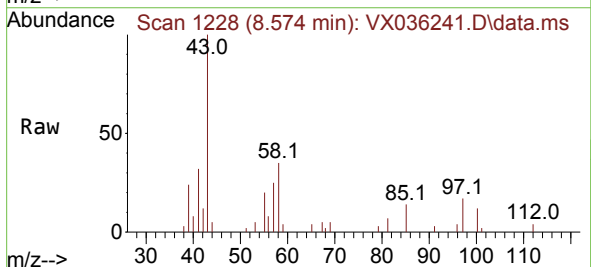
Instrument :
MSVOA_X
ClientSampleId :
MW-3

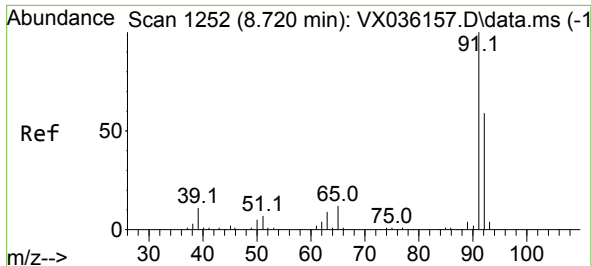
Tgt Ion: 98 Resp: 301126
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 2.293 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion: 43 Resp: 6616
Ion Ratio Lower Upper
43 100
58 32.1 30.4 45.6

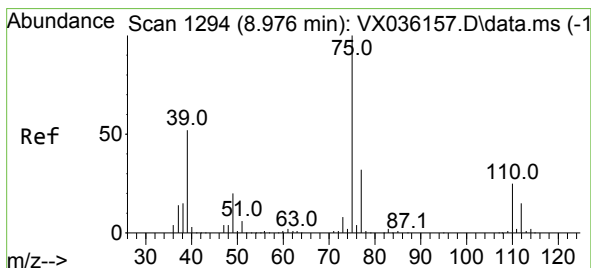
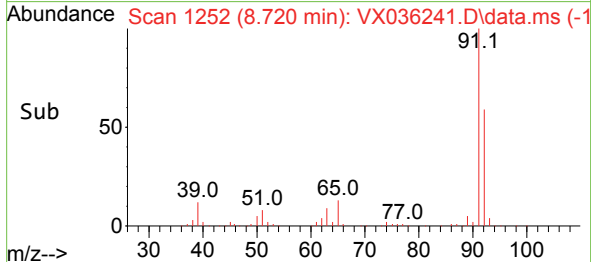
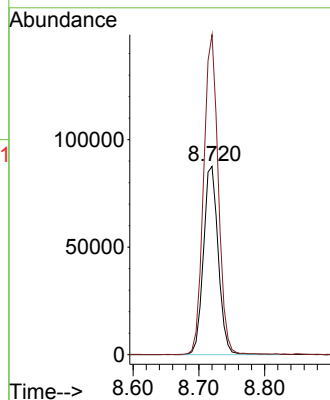
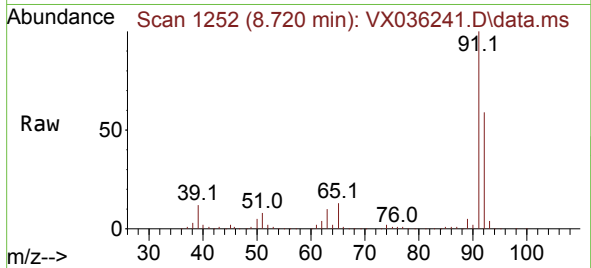




#52
Toluene
Concen: 30.421 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

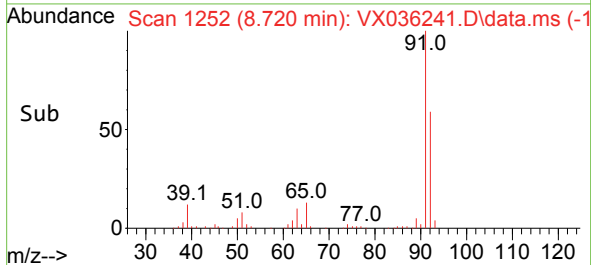
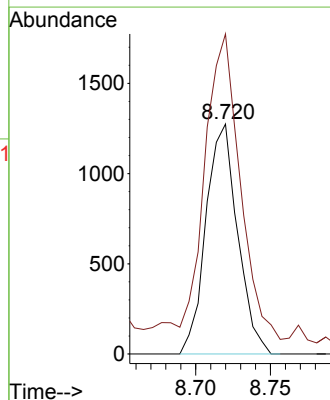
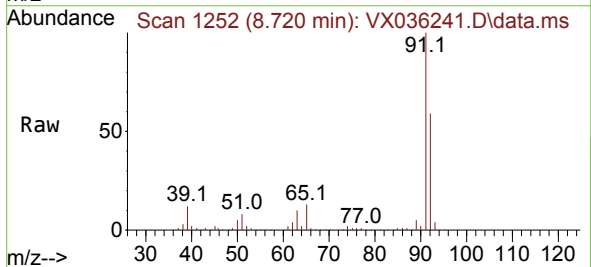
Instrument :
MSVOA_X
ClientSampleId :
MW-3

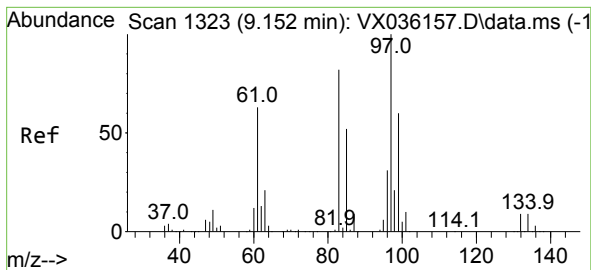
Tgt Ion: 92 Resp: 137238
Ion Ratio Lower Upper
92 100
91 167.6 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.696 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion: 75 Resp: 1878
Ion Ratio Lower Upper
75 100
77 132.8 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 4.190 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.048 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tgt Ion: 97 Resp: 7804

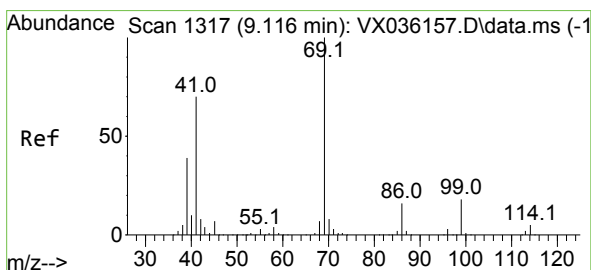
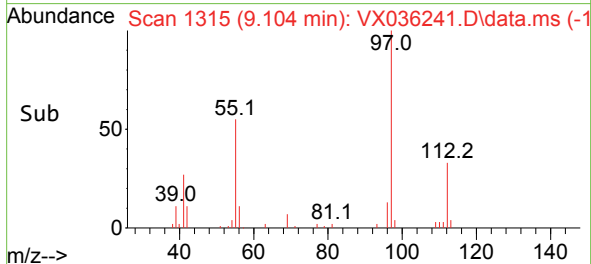
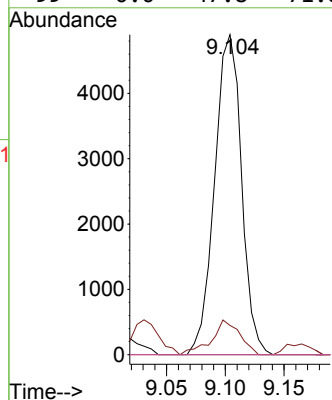
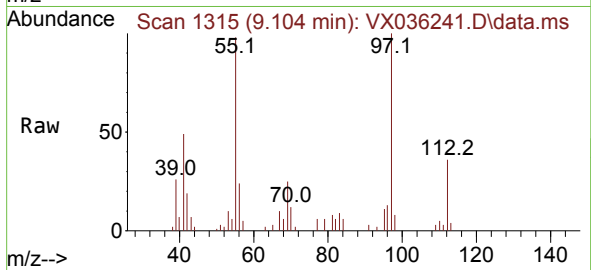
Ion Ratio Lower Upper

97 100

83 9.2 65.8 98.8#

85 0.0 41.6 62.4#

99 0.0 47.8 71.8#



#56

Ethyl methacrylate

Concen: 0.740 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.018 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

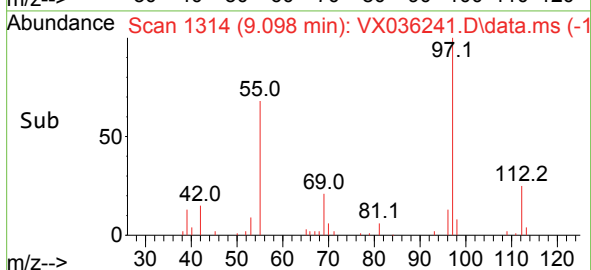
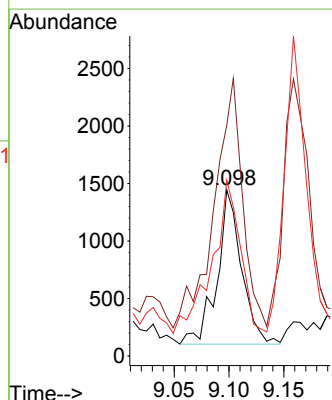
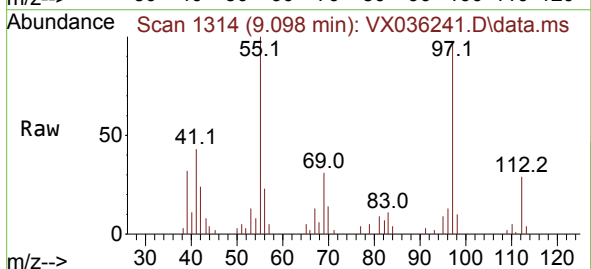
Tgt Ion: 69 Resp: 2082

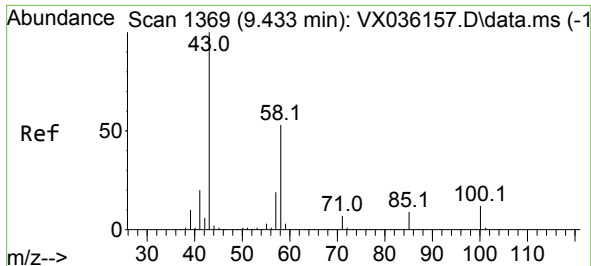
Ion Ratio Lower Upper

69 100

41 190.7 56.8 85.2#

39 114.7 32.0 48.0#





#59

2-Hexanone

Concen: 1.524 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

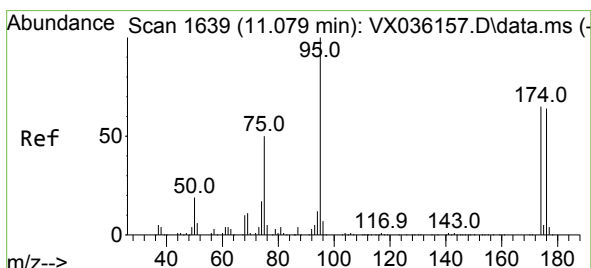
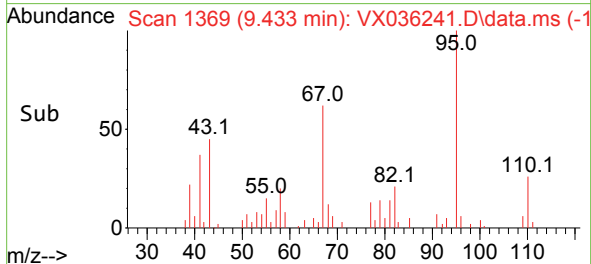
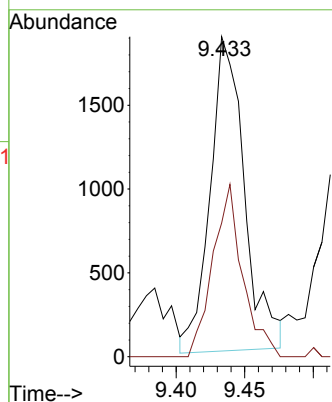
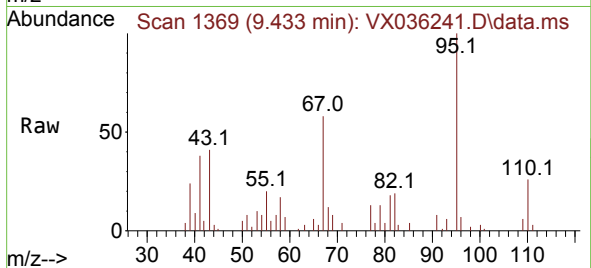
MW-3

Tgt Ion: 43 Resp: 3269

Ion Ratio Lower Upper

43 100

58 47.5 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 47.042 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

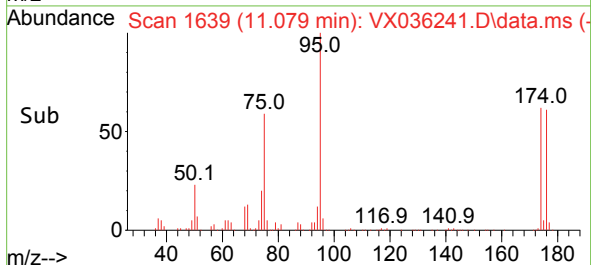
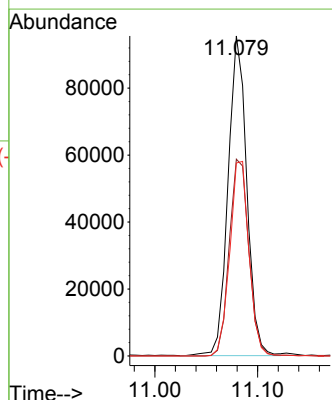
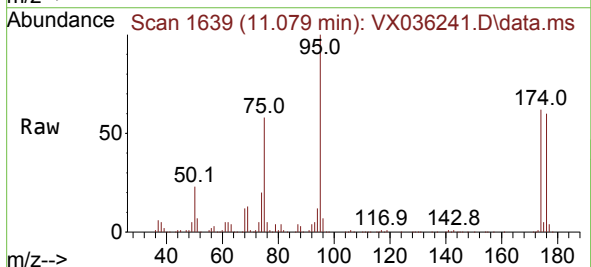
Tgt Ion: 95 Resp: 120823

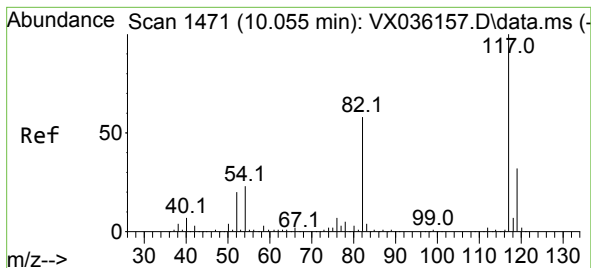
Ion Ratio Lower Upper

95 100

174 64.1 0.0 135.6

176 62.8 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: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3

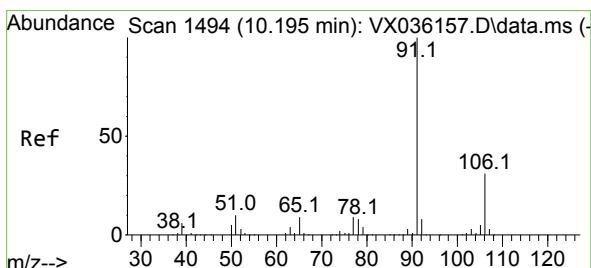
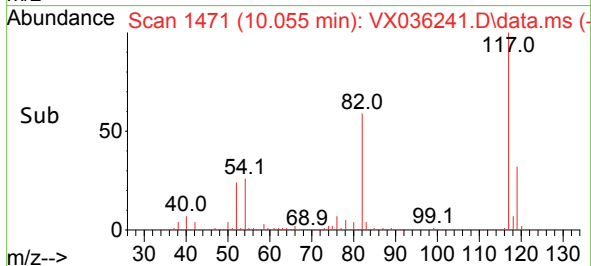
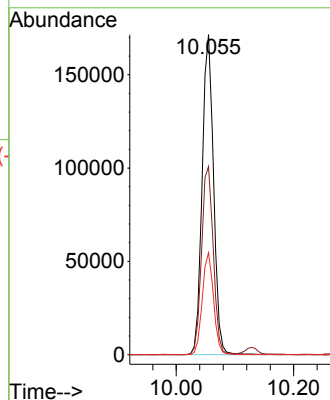
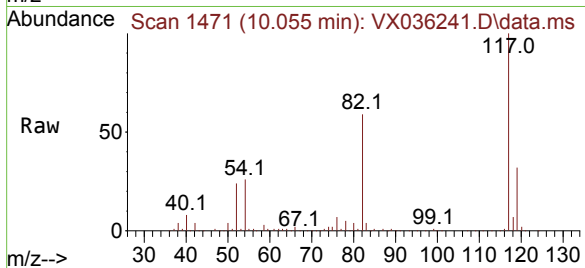
Tgt Ion:117 Resp: 230288

Ion Ratio Lower Upper

117 100

82 58.8 46.2 69.4

119 31.9 25.5 38.3



#67

Ethyl Benzene

Concen: 11.371 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036241.D

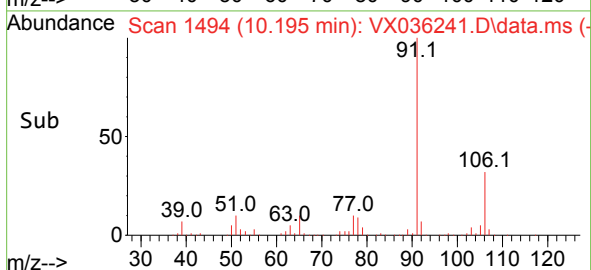
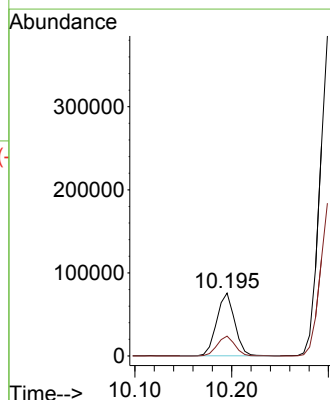
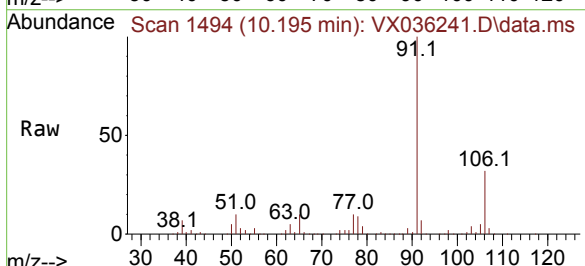
Acq: 20 Jun 2023 14:30

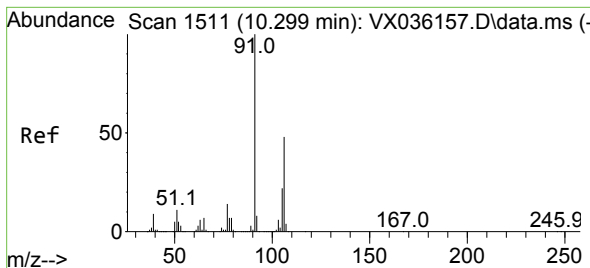
Tgt Ion: 91 Resp: 96904

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3

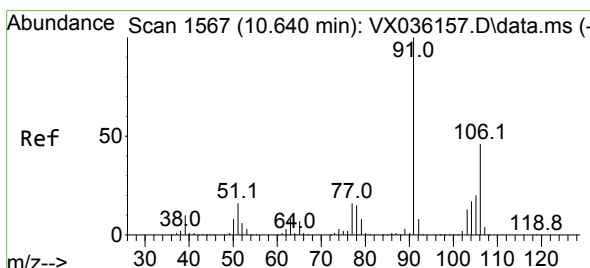
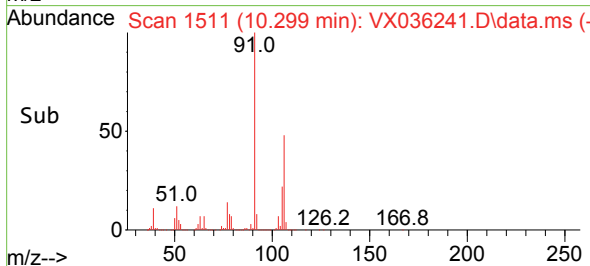
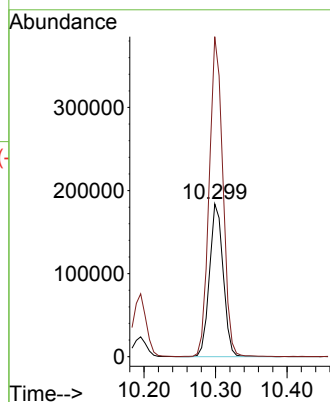
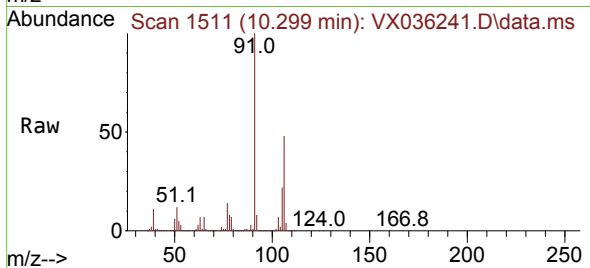




#68
m/p-Xylenes
Concen: 76.211 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

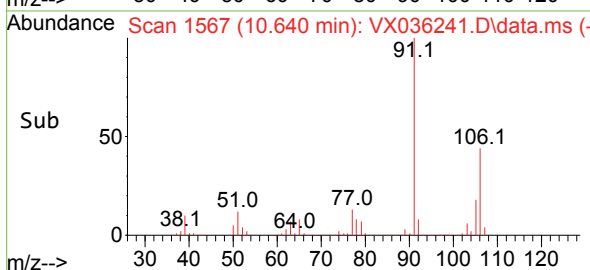
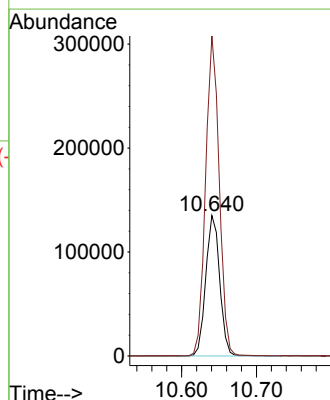
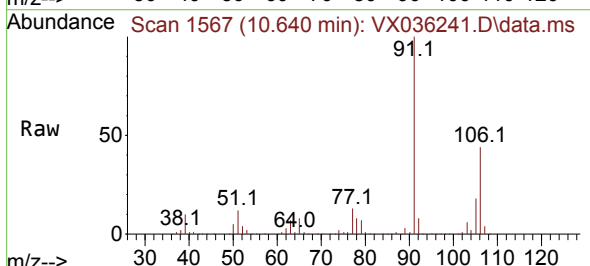
Instrument :
MSVOA_X
ClientSampleId :
MW-3

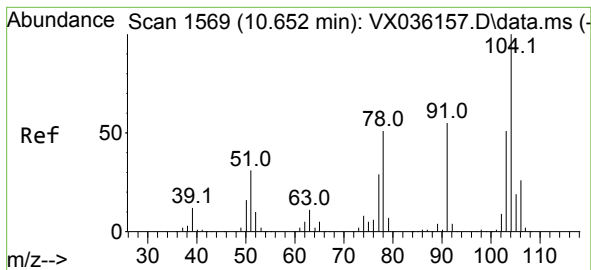
Tgt Ion:106 Resp: 245047
Ion Ratio Lower Upper
106 100
91 208.4 165.5 248.3



#69
o-Xylene
Concen: 54.981 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion:106 Resp: 174417
Ion Ratio Lower Upper
106 100
91 222.9 108.9 326.8





#70

Styrene

Concen: 1.830 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3

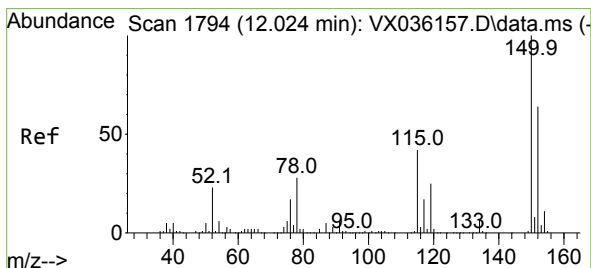
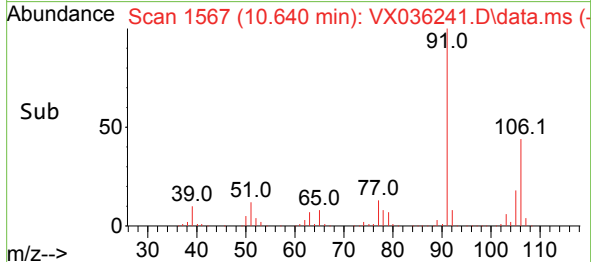
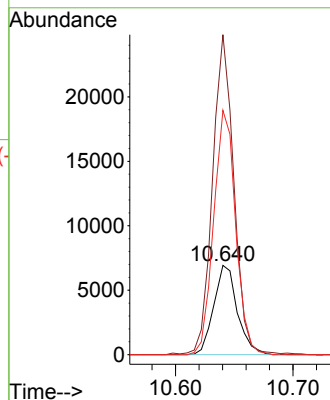
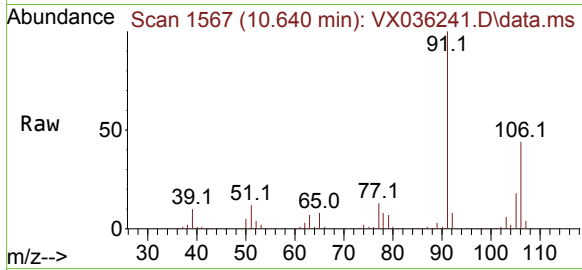
Tgt Ion:104 Resp: 9672

Ion Ratio Lower Upper

104 100

78 324.8 43.6 65.4#

103 255.4 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

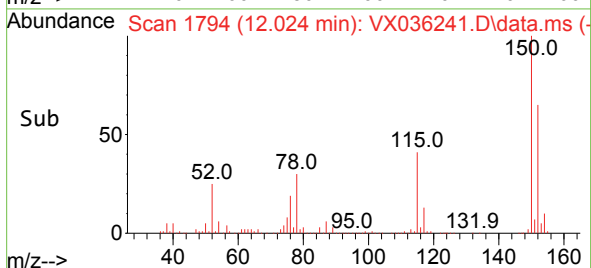
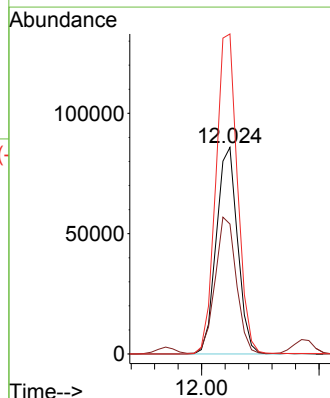
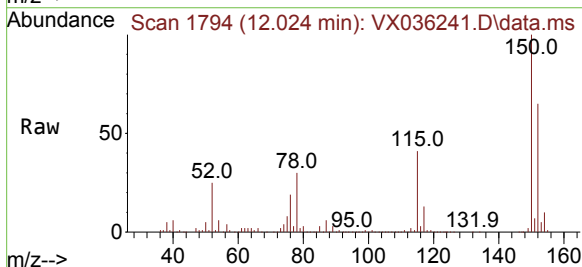
Tgt Ion:152 Resp: 108239

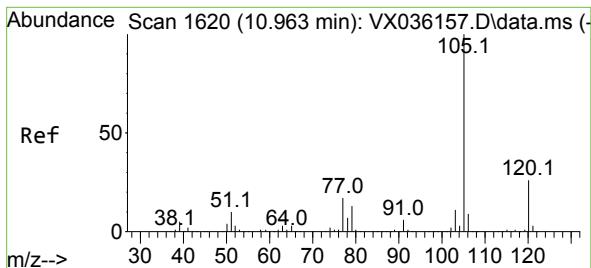
Ion Ratio Lower Upper

152 100

115 66.2 43.3 129.9

150 157.3 0.0 345.0





#73

Isopropylbenzene

Concen: 11.074 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

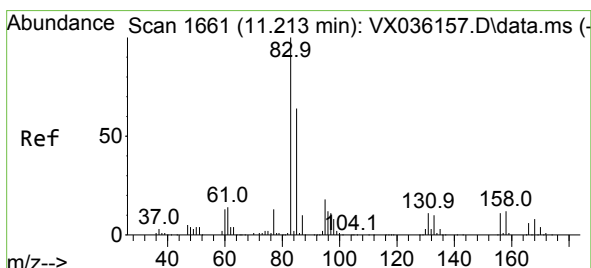
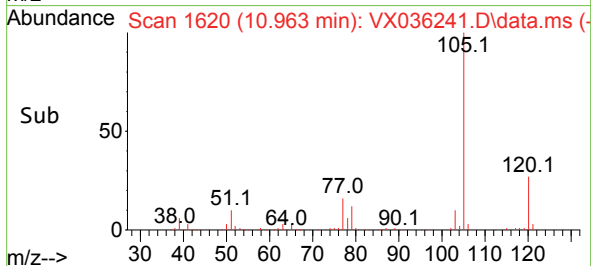
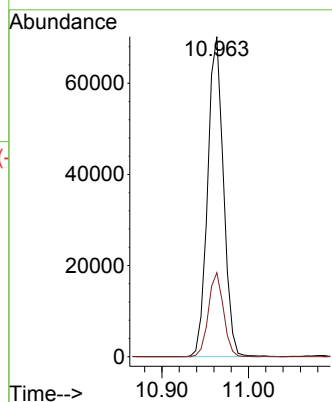
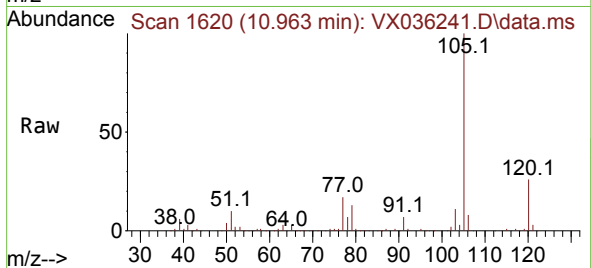
MW-3

Tgt Ion:105 Resp: 88938

Ion Ratio Lower Upper

105 100

120 25.0 12.9 38.6



#75

1,1,2,2-Tetrachloroethane

Concen: 0.309 ug/l

RT: 11.226 min Scan# 1663

Delta R.T. 0.013 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

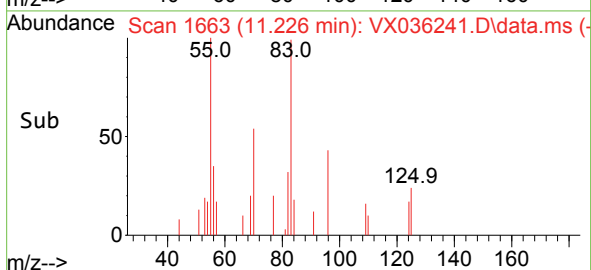
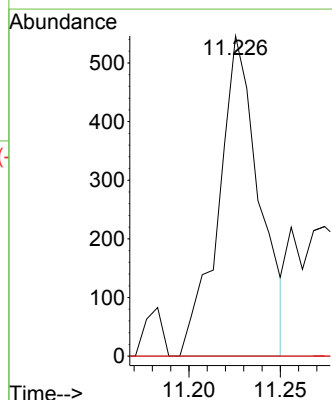
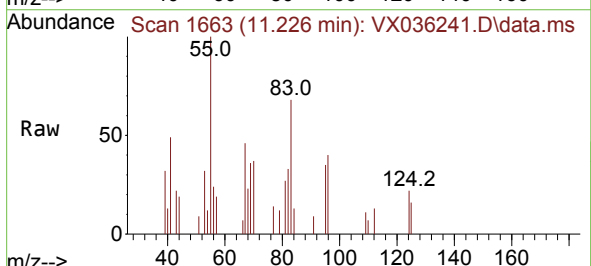
Tgt Ion: 83 Resp: 851

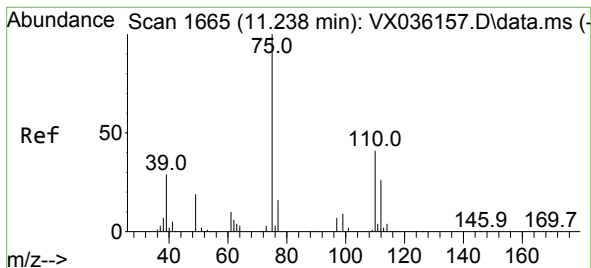
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

85 0.0 32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 1.905 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

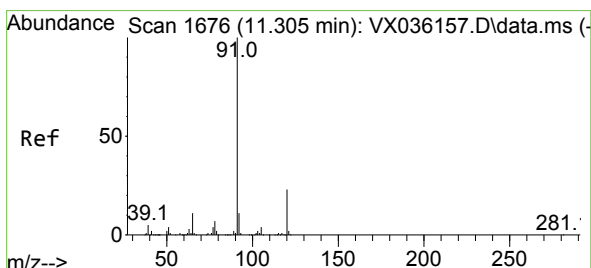
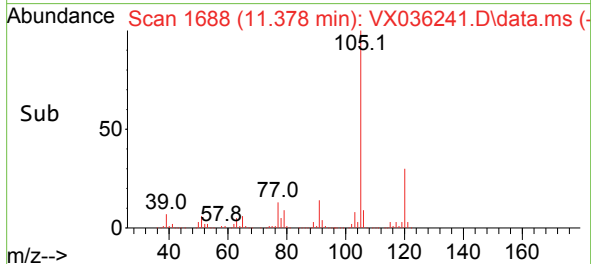
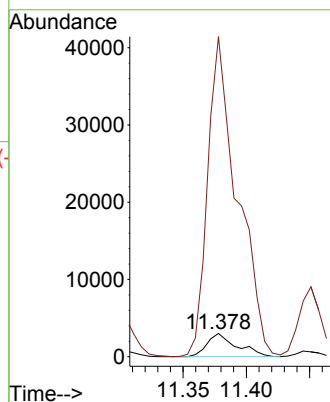
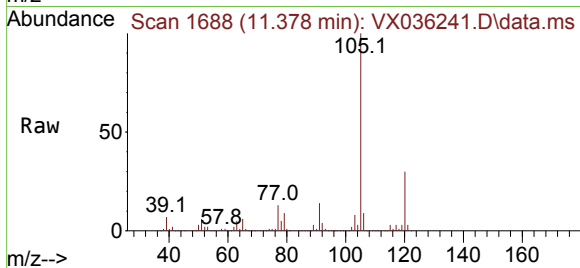
MW-3

Tgt Ion: 75 Resp: 4894

Ion Ratio Lower Upper

75 100

77 1389.5 19.1 57.5#



#78

n-propylbenzene

Concen: 14.072 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036241.D

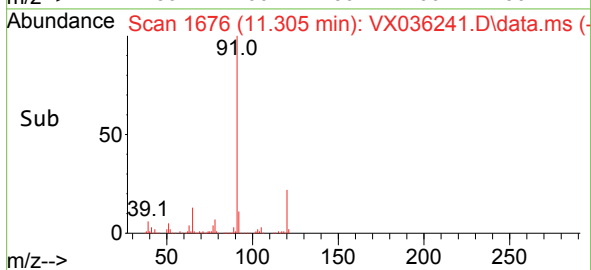
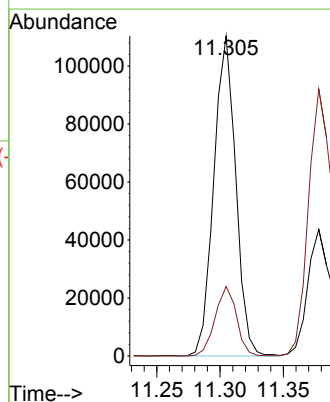
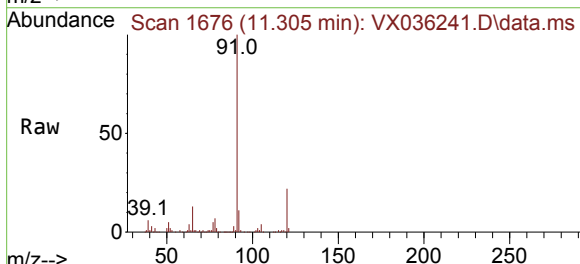
Acq: 20 Jun 2023 14:30

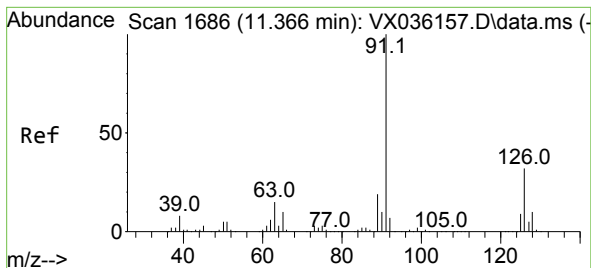
Tgt Ion: 91 Resp: 132959

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 11.836 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

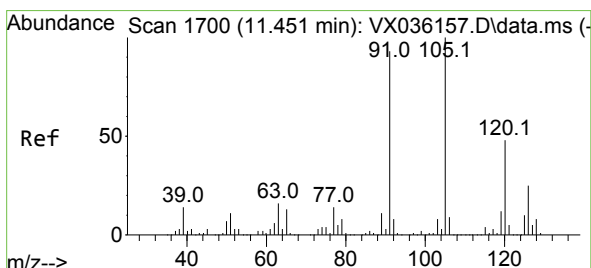
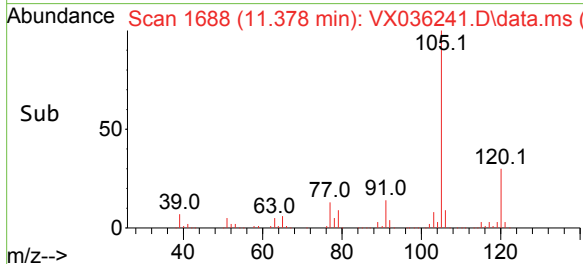
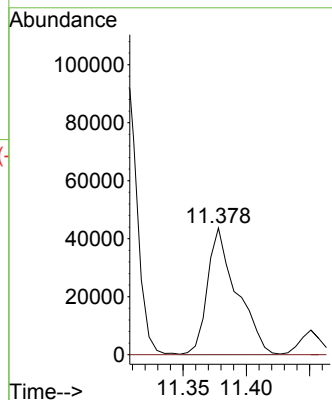
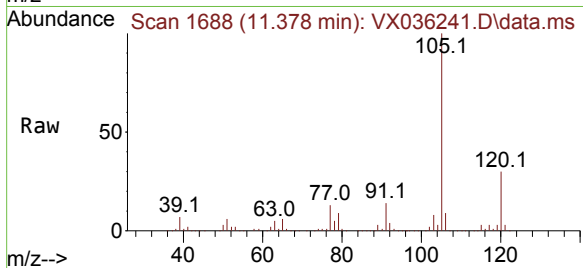
MW-3

Tgt Ion: 91 Resp: 70338

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 10.816 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036241.D

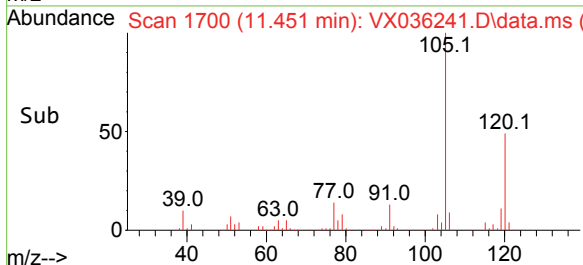
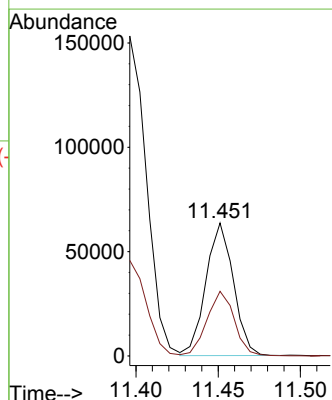
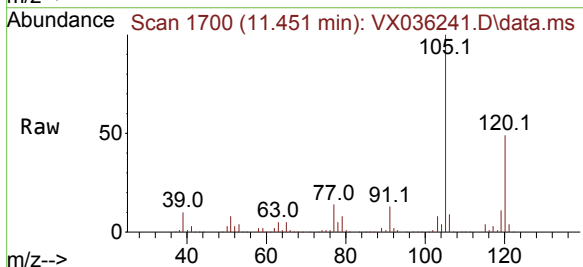
Acq: 20 Jun 2023 14:30

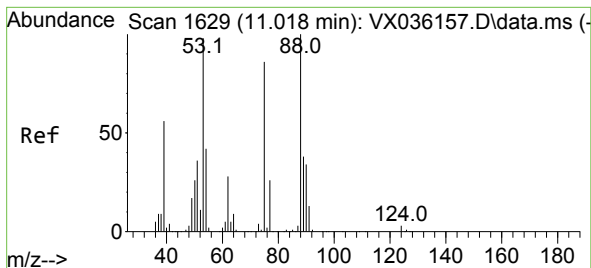
Tgt Ion:105 Resp: 73967

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3

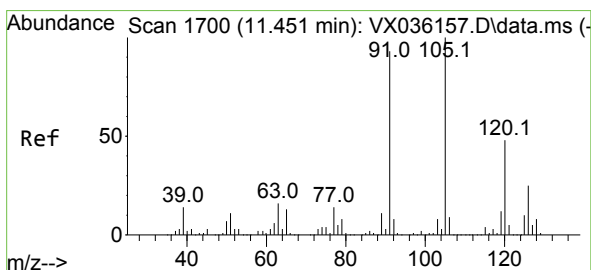
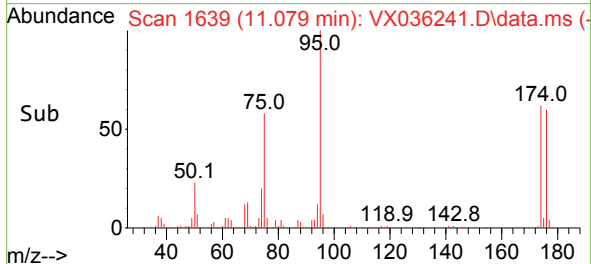
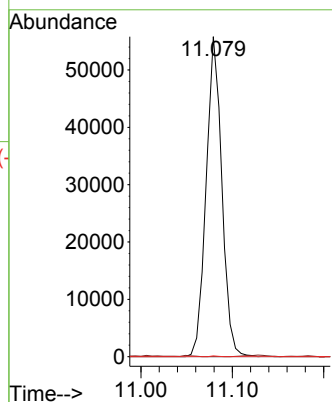
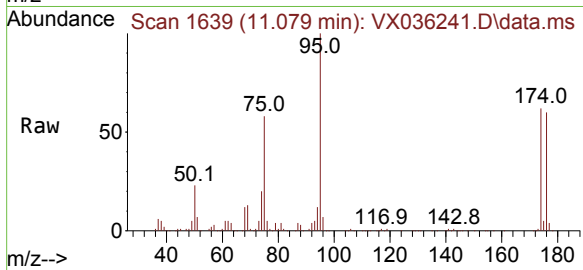




#81
trans-1,4-Dichloro-2-butene
Concen: 90.519 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

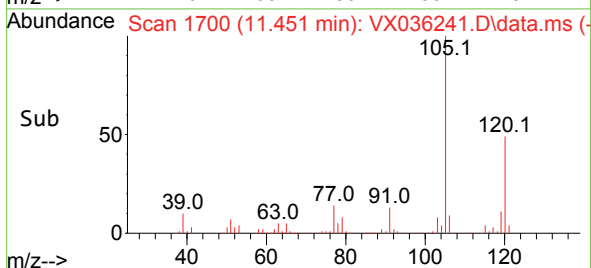
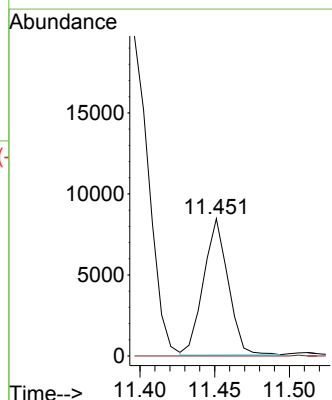
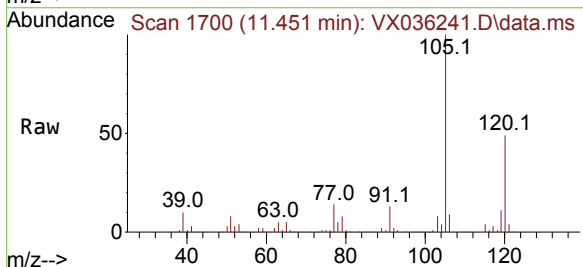
Instrument :
MSVOA_X
ClientSampleId :
MW-3

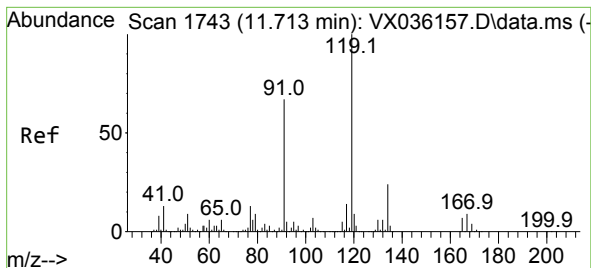
Tgt Ion: 75 Resp: 66432
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 1.391 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion: 91 Resp: 9635
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#





#83

tert-Butylbenzene

Concen: 8.168 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3

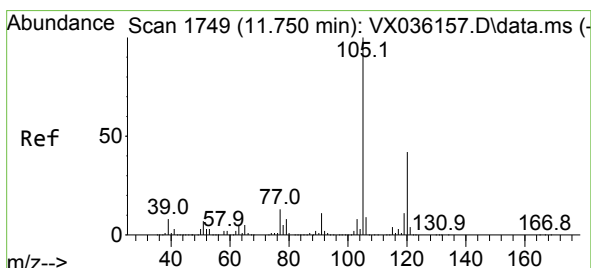
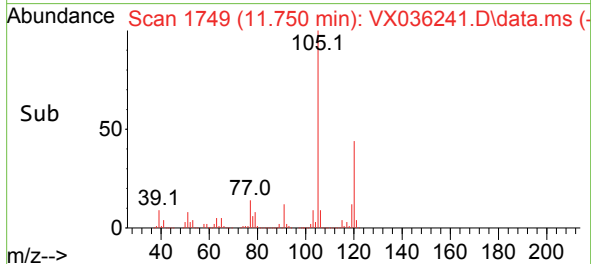
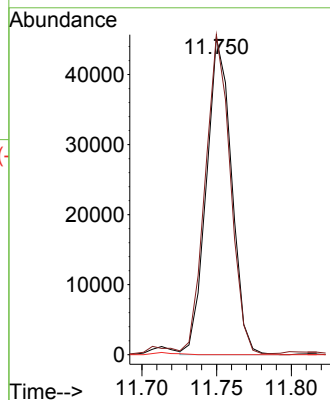
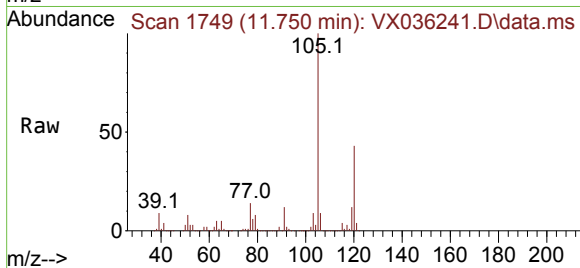
Tgt Ion:119 Resp: 53107

Ion Ratio Lower Upper

119 100

91 99.6 31.2 93.6#

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 66.358 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036241.D

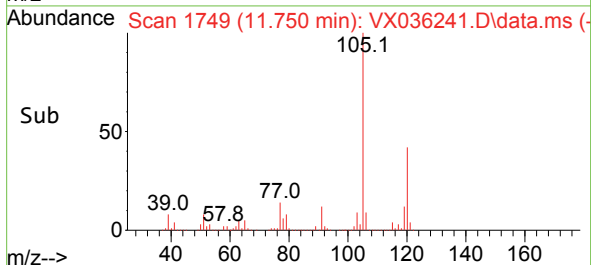
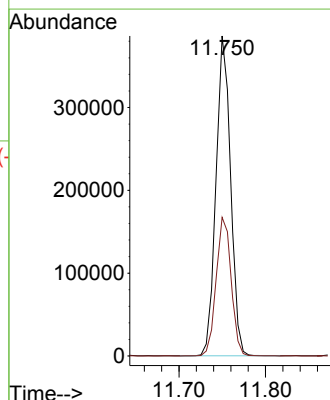
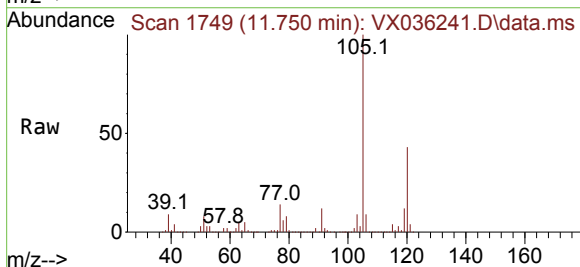
Acq: 20 Jun 2023 14:30

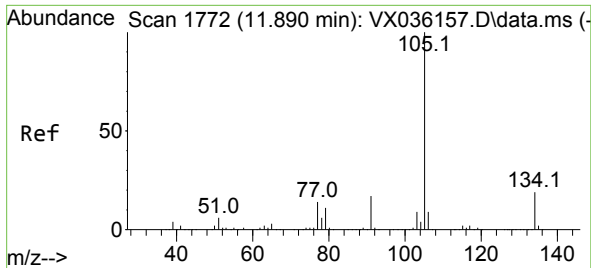
Tgt Ion:105 Resp: 452663

Ion Ratio Lower Upper

105 100

120 44.6 21.2 63.6

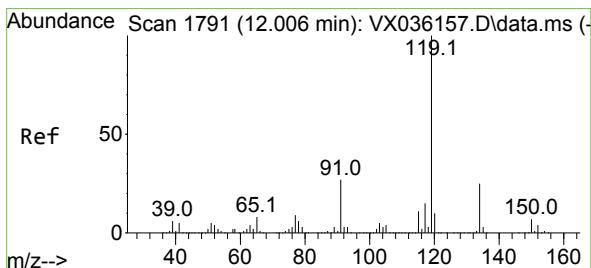
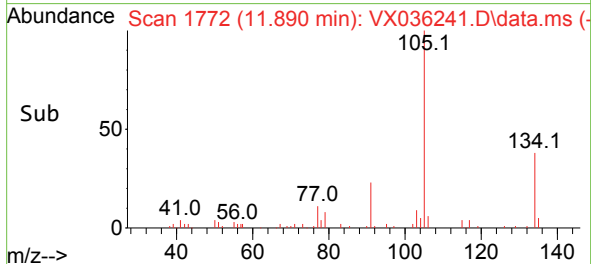
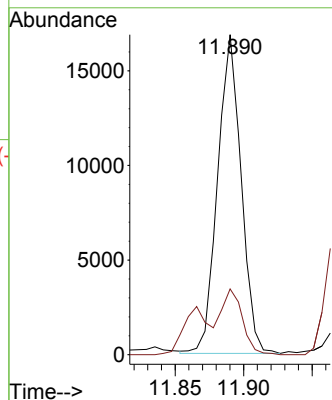
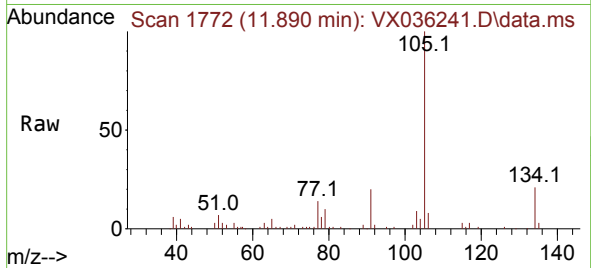




#85
 sec-Butylbenzene
 Concen: 2.478 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036241.D
 Acq: 20 Jun 2023 14:30

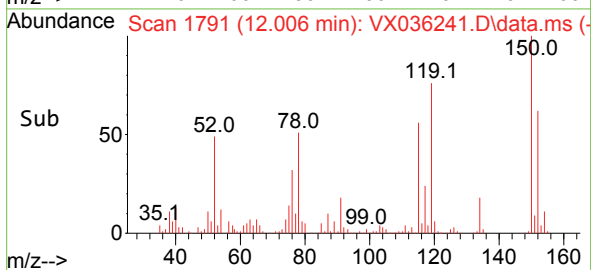
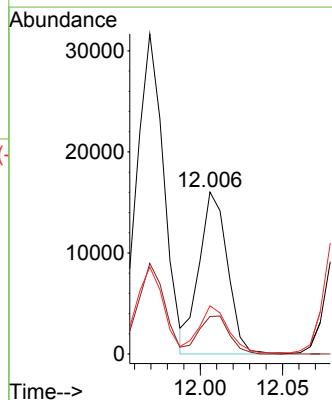
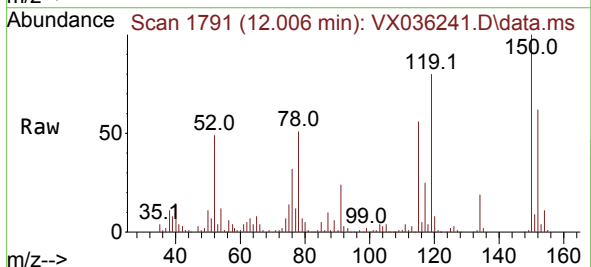
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

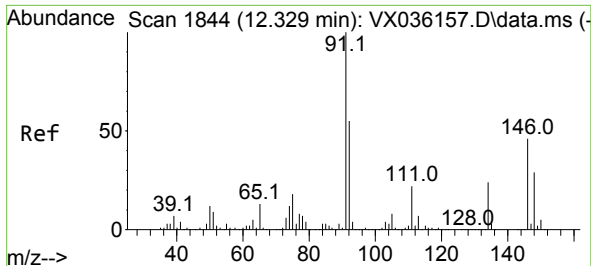
Tgt Ion:105 Resp: 20064
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 2.821 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036241.D
 Acq: 20 Jun 2023 14:30

Tgt Ion:119 Resp: 19211
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 29.3 13.1 39.3





#89

n-Butylbenzene

Concen: 5.152 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036241.D

Acq: 20 Jun 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-3

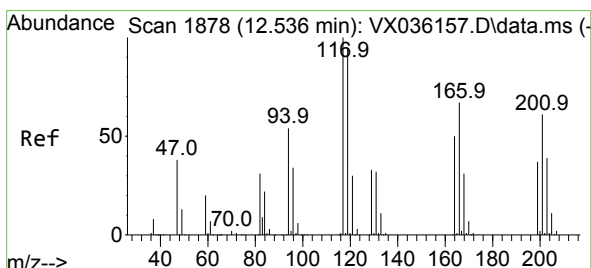
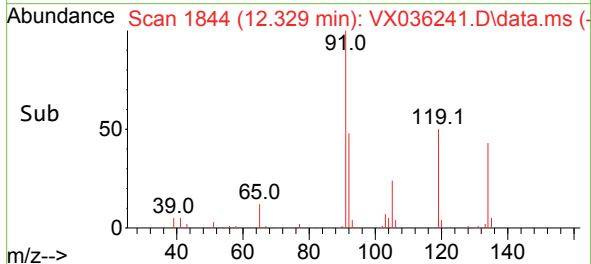
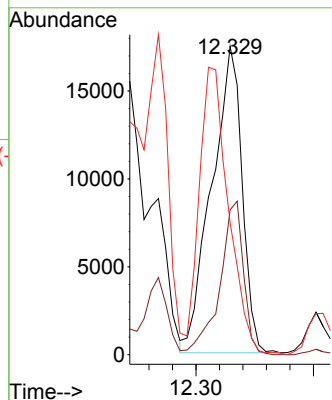
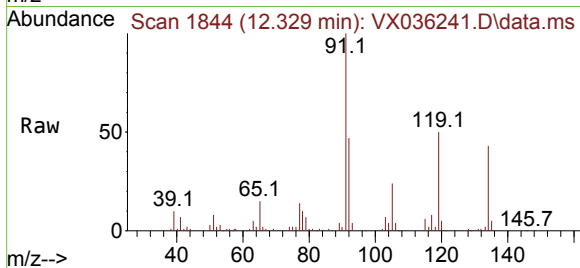
Tgt Ion: 91 Resp: 31315

Ion Ratio Lower Upper

91 100

92 39.1 27.4 82.0

134 0.0 12.6 37.8#



#90

Hexachloroethane

Concen: 6.357 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX036241.D

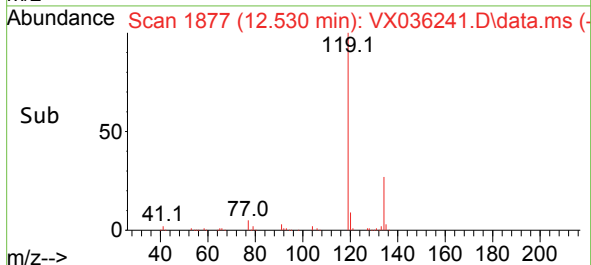
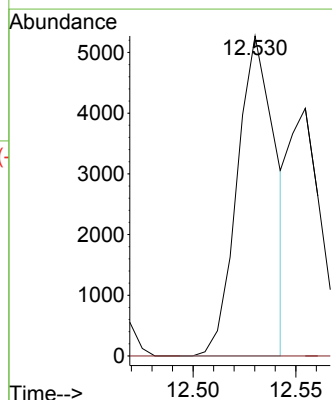
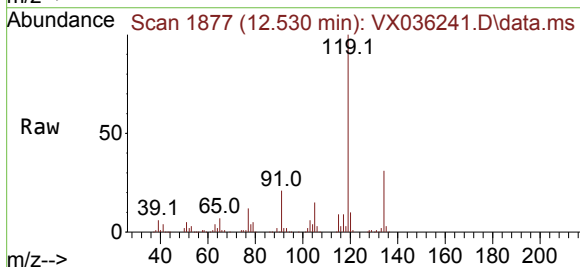
Acq: 20 Jun 2023 14:30

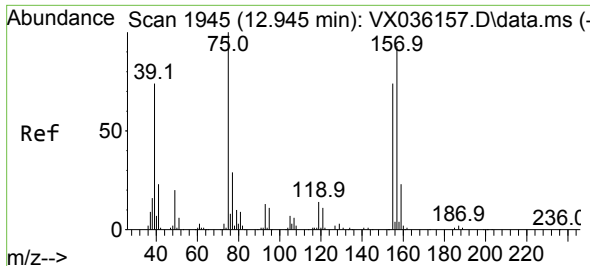
Tgt Ion: 117 Resp: 6792

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

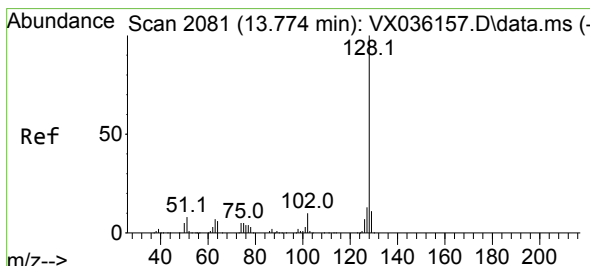
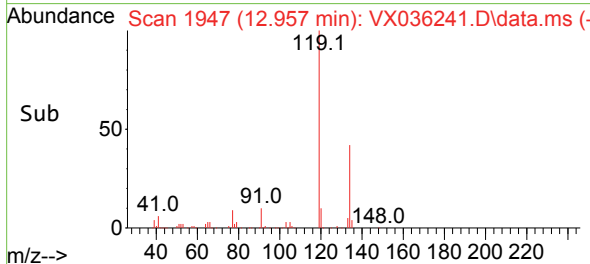
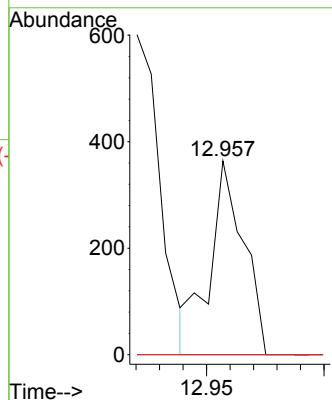
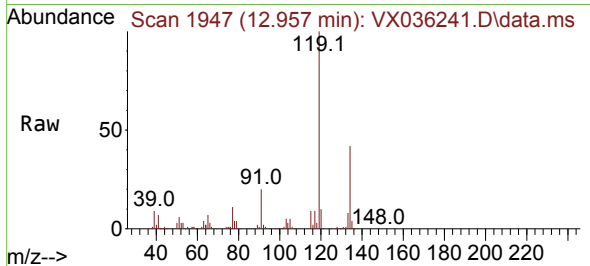




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.598 ug/l
RT: 12.957 min Scan# 1945
Delta R.T. 0.012 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion: 75 Resp: 363
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 28.263 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036241.D
Acq: 20 Jun 2023 14:30

Tgt Ion: 128 Resp: 194634
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.7 8.8 13.2

