

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034847.D
 Acq On : 30 Mar 2023 13:10
 Operator : JC/MD
 Sample : 02084-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Mar 31 01:31:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	257474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	438088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181482	46.088	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.180%
35) Dibromofluoromethane	5.385	113	137413	47.423	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.647	98	536942	50.204	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.079	95	198930	48.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.120%

Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	394	0.573	ug/l #	73
13) Acrolein	2.233	56	453	0.637	ug/l #	1
14) Allyl chloride	2.715	41	2740	0.533	ug/l #	76
15) Acrylonitrile	3.105	53	2305	1.500	ug/l #	48
16) Acetone	2.386	43	12868	8.075	ug/l	93
18) Methyl Acetate	2.709	43	2097	0.373	ug/l #	53
20) Methylene Chloride	2.788	84	706	0.221	ug/l #	64
25) 2-Butanone	4.580	43	5188	2.244	ug/l #	87
30) Chloroform	5.166	83	1894	0.336	ug/l #	19
31) Cyclohexane	5.471	56	38845	8.102	ug/l	95
36) 1,1-Dichloropropene	5.550	75	22265	5.204	ug/l #	51
38) Carbon Tetrachloride	5.550	117	26984	6.640	ug/l #	16
39) Methylcyclohexane	7.379	83	47793	10.508	ug/l	95
43) Isopropyl Acetate	6.361	43	1802	0.240	ug/l #	62
48) Methyl methacrylate	7.659	41	3467	0.953	ug/l #	65
51) 4-Methyl-2-Pentanone	8.580	43	5599	1.268	ug/l #	85
52) Toluene	8.720	92	16732	2.114	ug/l	99
55) 1,1,2-Trichloroethane	9.104	97	5290	1.762	ug/l #	19
56) Ethyl methacrylate	9.110	69	1181	0.251	ug/l #	1
59) 2-Hexanone	9.439	43	4107	1.227	ug/l	85
67) Ethyl Benzene	10.195	91	27658	1.858	ug/l	93
68) m/p-Xylenes	10.299	106	123796	21.978	ug/l	99
69) o-Xylene	10.640	106	76411	13.656	ug/l	97
70) Styrene	10.640	104	4544	0.509	ug/l #	1
73) Isopropylbenzene	10.963	105	33803	2.539	ug/l	99
74) N-amyl acetate	10.890	43	5901	0.965	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.226	83	1121	0.255	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	108009	28.655	ug/l #	35
78) n-propylbenzene	11.305	91	51242	3.334	ug/l	99
79) 2-Chlorotoluene	11.378	91	21087	2.138	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	42043	3.747	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	108009	76.799	ug/l #	8
82) 4-Chlorotoluene	11.451	91	5626	0.497	ug/l #	53
83) tert-Butylbenzene	11.750	119	26486	2.545	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.750	105	224255	19.850	ug/l	100
85) sec-Butylbenzene	11.890	105	9253	0.719	ug/l	93

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 ClientSampleId :
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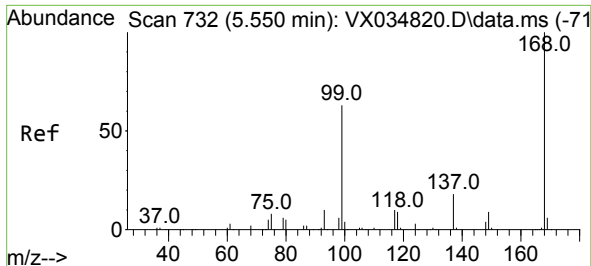
Quant Time: Mar 31 01:31:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.006	119	9040	0.846	ug/l	89
89) n-Butylbenzene	12.329	91	15962	1.713	ug/l #	42
90) Hexachloroethane	12.530	117	5388	3.887	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.963	75	234	2.295	ug/l #	5
94) Hexachlorobutadiene	13.725	225	744	0.387	ug/l	93
95) Naphthalene	13.774	128	148423	12.125	ug/l	98

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

Quant Time: Mar 31 01:31:00 2023
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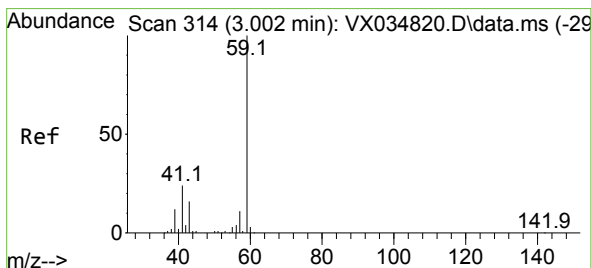
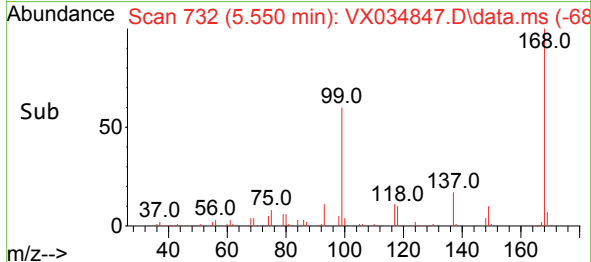
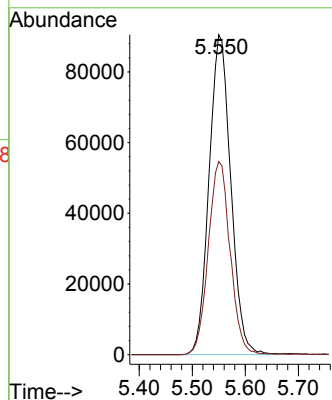
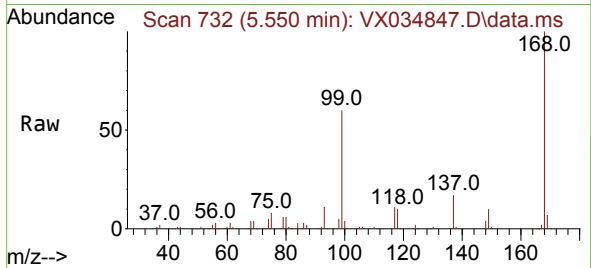




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

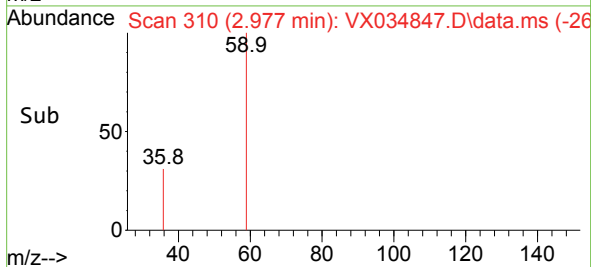
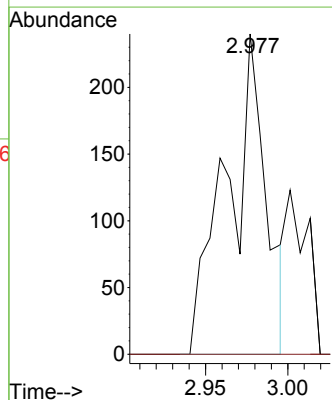
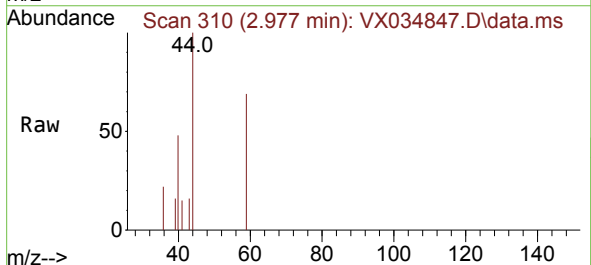
Instrument :
MSVOA_X
ClientSampleId :
MW-3

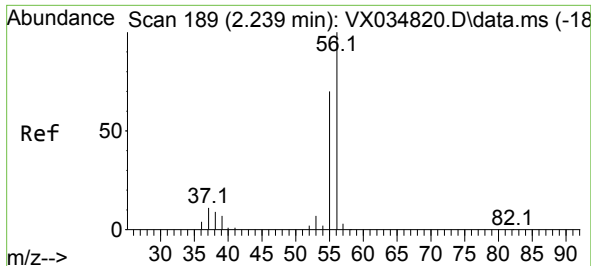
Tgt Ion:168 Resp: 257474
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.573 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.024 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 0.637 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

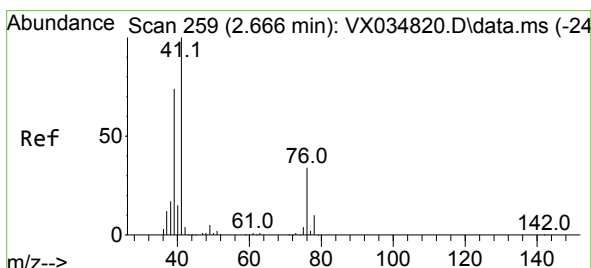
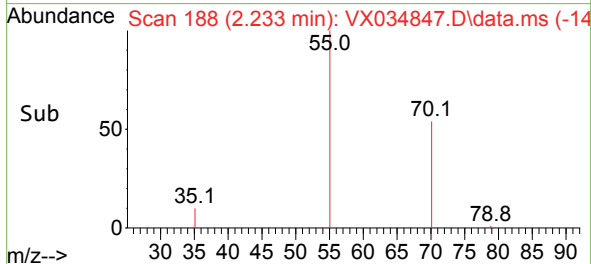
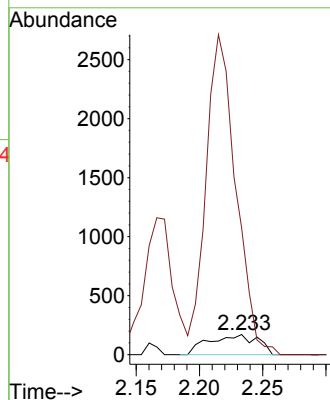
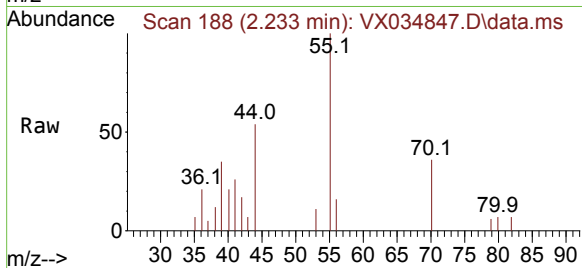
MW-3

Tgt Ion: 56 Resp: 453

Ion Ratio Lower Upper

56 100

55 983.2 56.6 85.0#



#14

Allyl chloride

Concen: 0.533 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.049 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

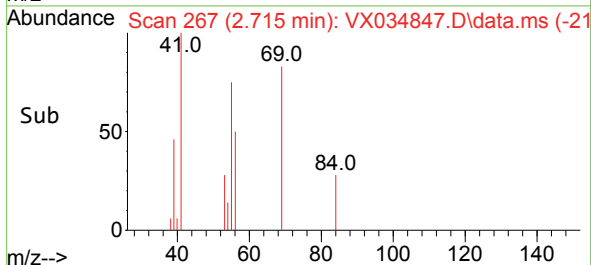
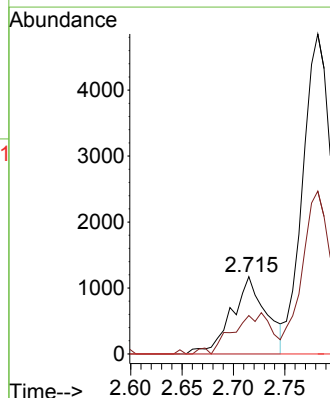
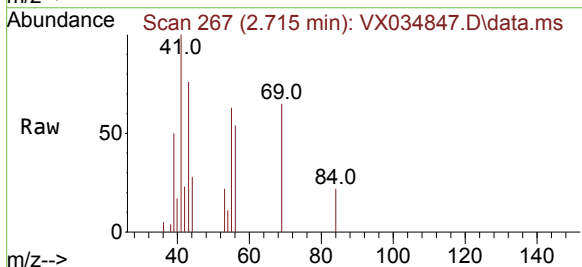
Tgt Ion: 41 Resp: 2740

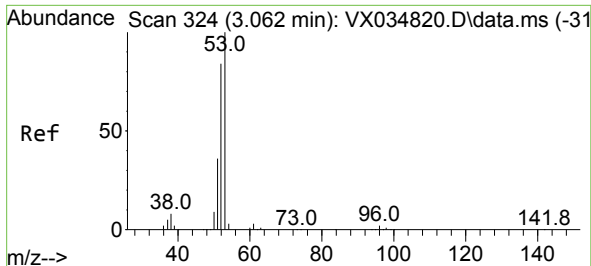
Ion Ratio Lower Upper

41 100

39 59.7 52.4 78.6

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 1.500 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

MW-3

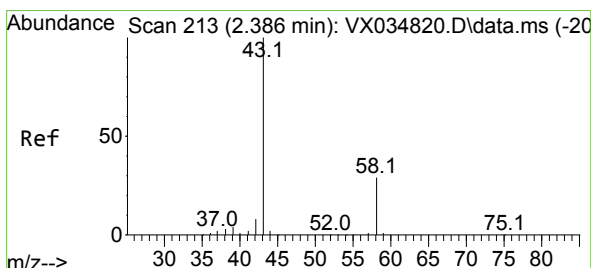
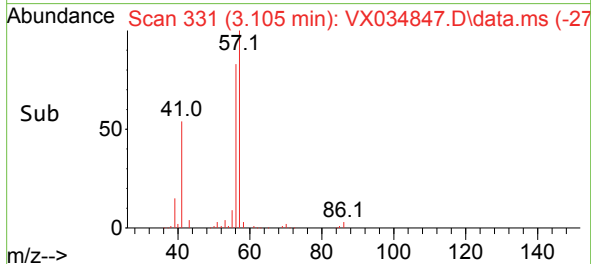
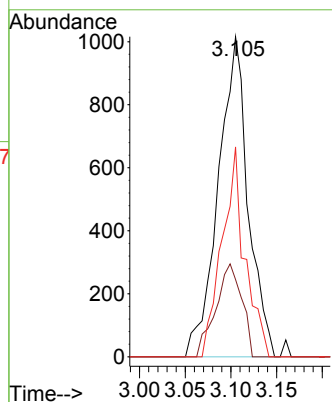
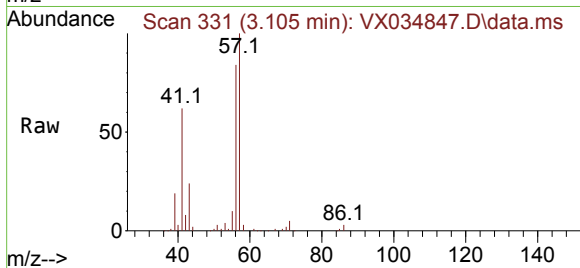
Tgt Ion: 53 Resp: 2305

Ion Ratio Lower Upper

53 100

52 25.3 66.2 99.2#

51 50.4 28.3 42.5#



#16

Acetone

Concen: 8.075 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX034847.D

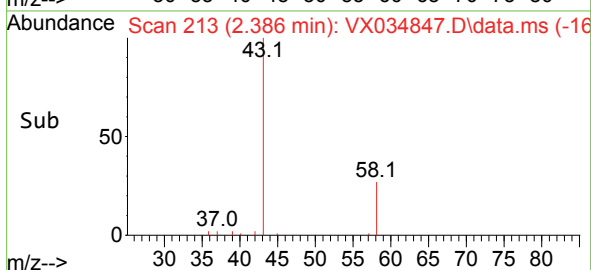
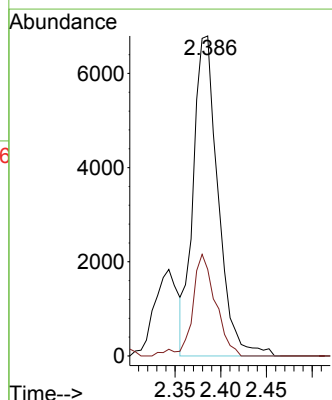
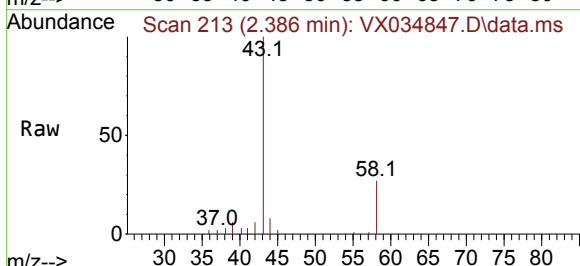
Acq: 30 Mar 2023 13:10

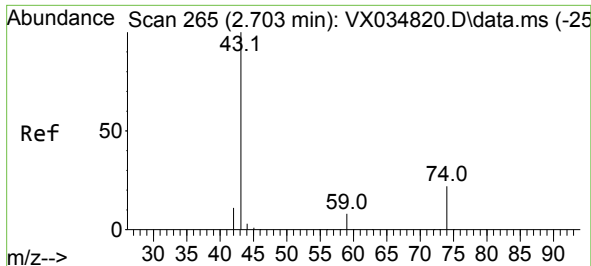
Tgt Ion: 43 Resp: 12868

Ion Ratio Lower Upper

43 100

58 27.0 24.7 37.1





#18

Methyl Acetate

Concen: 0.373 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

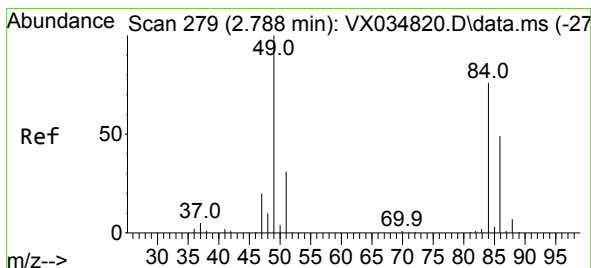
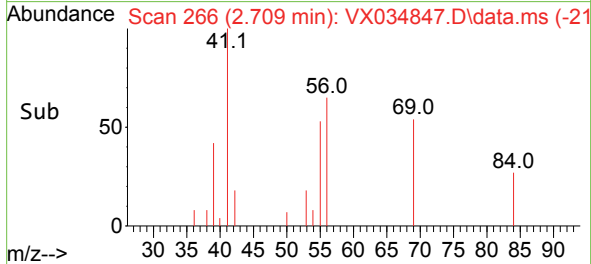
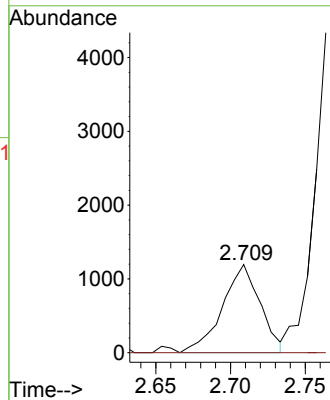
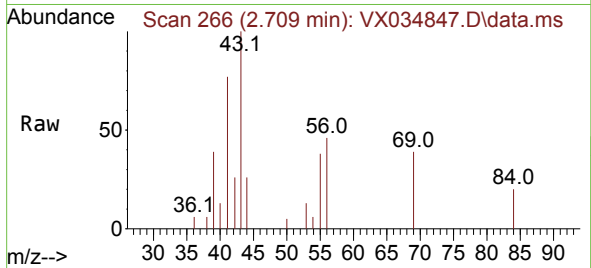
MW-3

Tgt Ion: 43 Resp: 2097

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



#20

Methylene Chloride

Concen: 0.221 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Tgt Ion: 84 Resp: 706

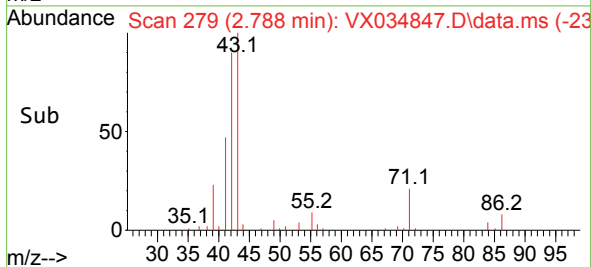
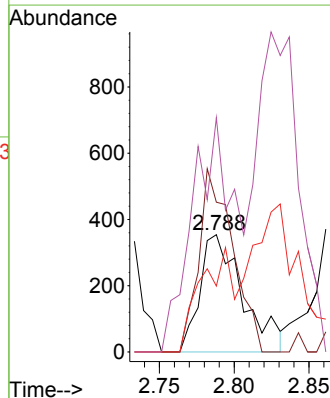
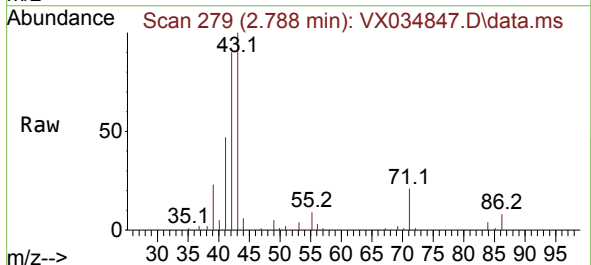
Ion Ratio Lower Upper

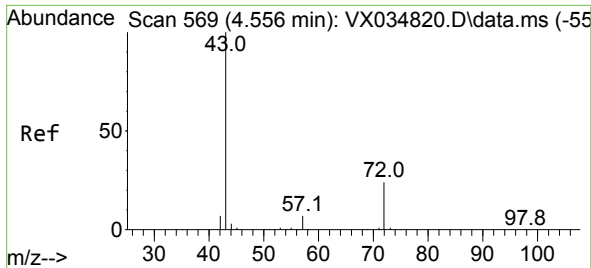
84 100

49 127.7 103.8 155.8

51 56.2 31.8 47.8#

86 150.8 51.4 77.2#

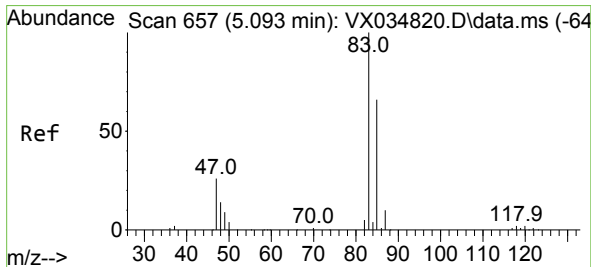
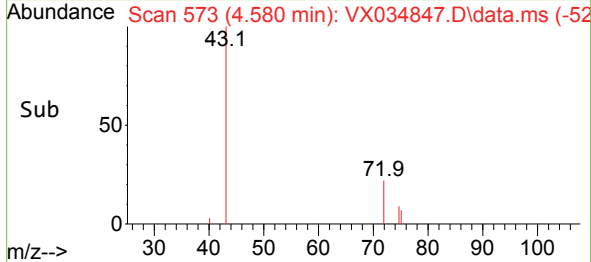
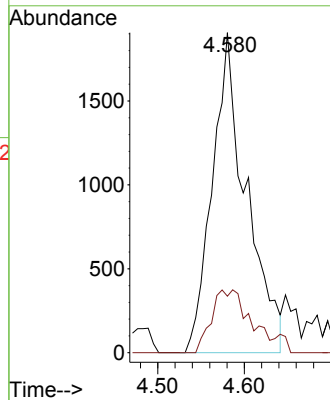
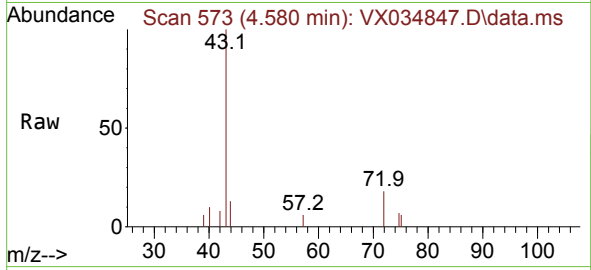




#25
2-Butanone
Concen: 2.244 ug/l
RT: 4.580 min Scan# 5188
Delta R.T. 0.024 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

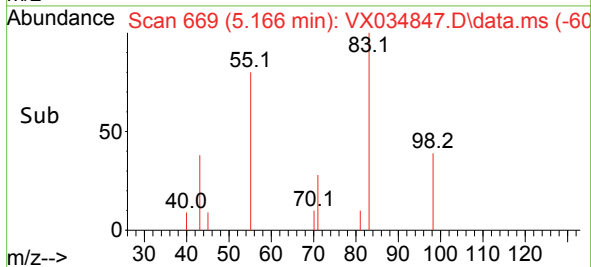
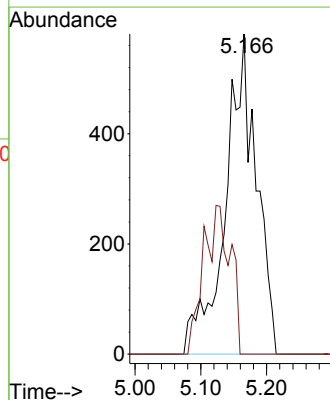
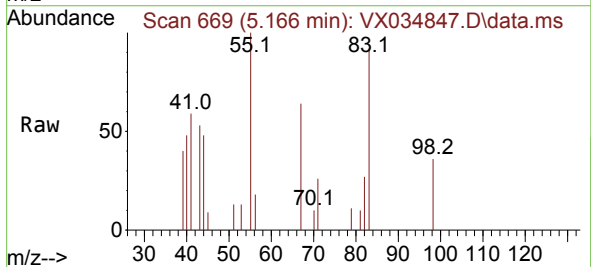
Instrument :
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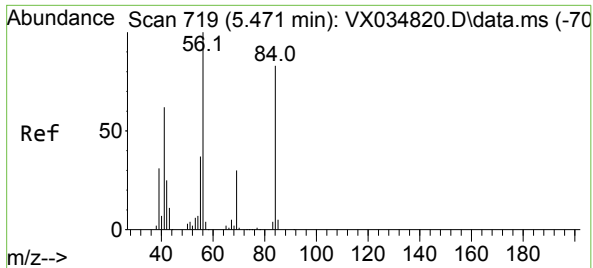
Tgt Ion: 43 Resp: 5188
Ion Ratio Lower Upper
43 100
72 17.7 19.3 28.9#



#30
Chloroform
Concen: 0.336 ug/l
RT: 5.166 min Scan# 669
Delta R.T. 0.073 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

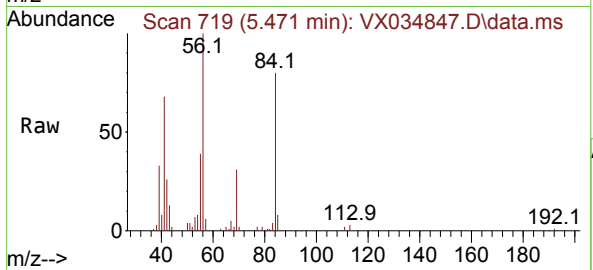
Tgt Ion: 83 Resp: 1894
Ion Ratio Lower Upper
83 100
85 0.0 50.6 76.0#



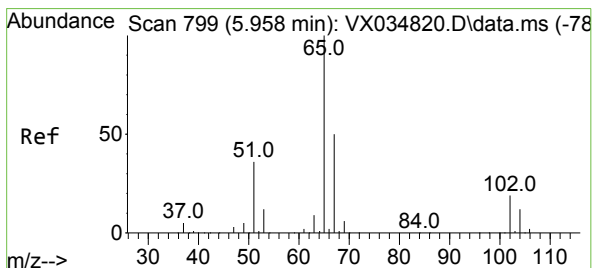
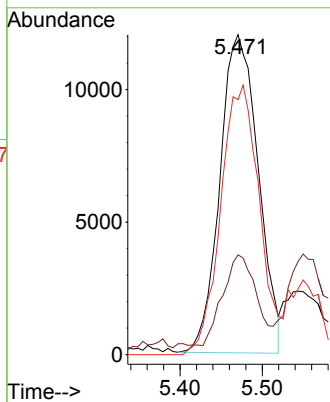
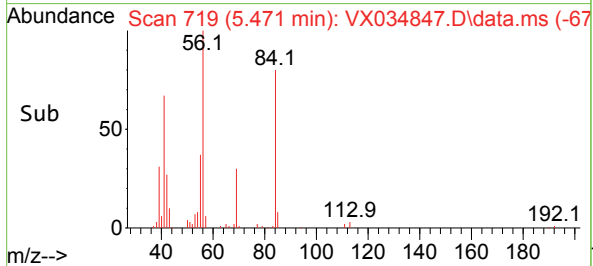


#31
Cyclohexane
Concen: 8.102 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :
MW-3

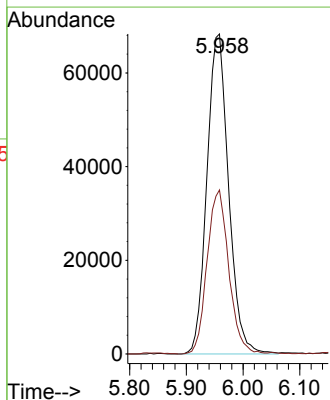
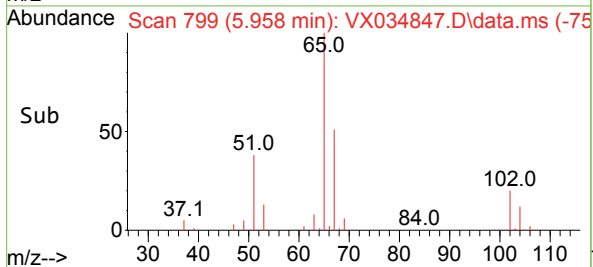
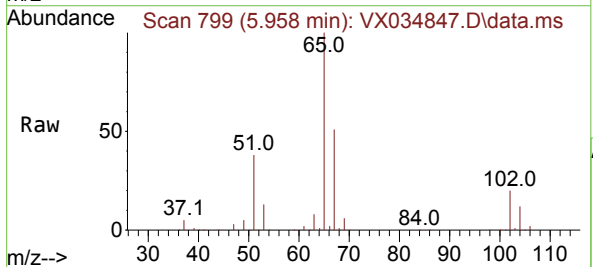


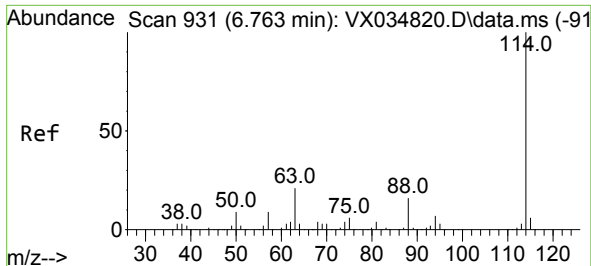
Tgt Ion: 56 Resp: 38845
Ion Ratio Lower Upper
56 100
69 28.0 23.7 35.5
84 80.3 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 46.088 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 65 Resp: 181482
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

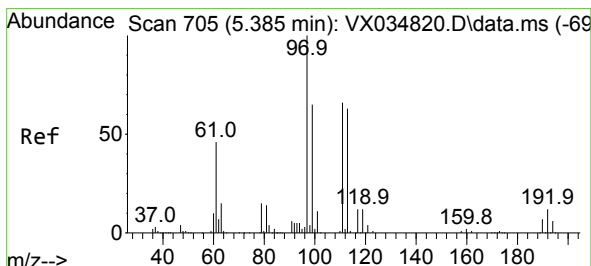
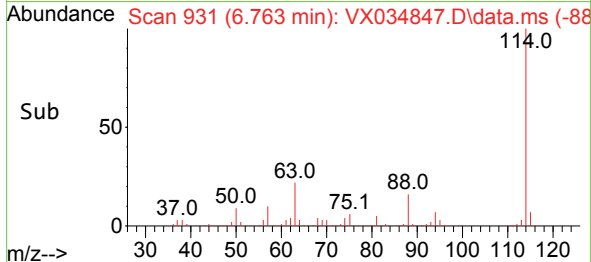
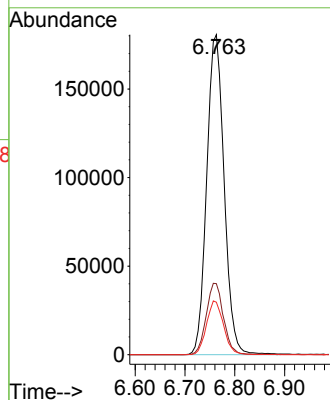
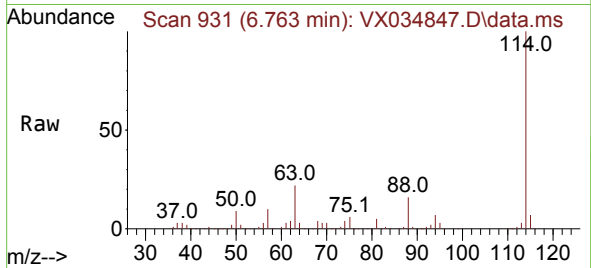




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

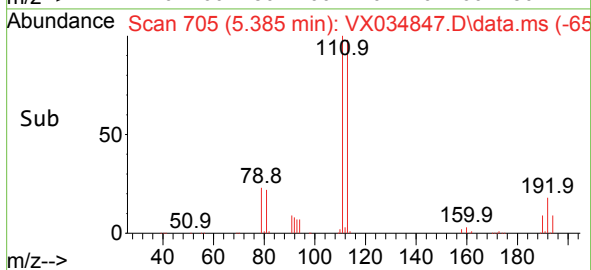
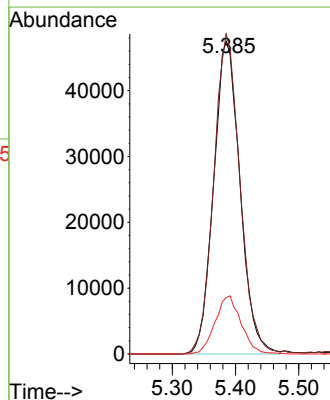
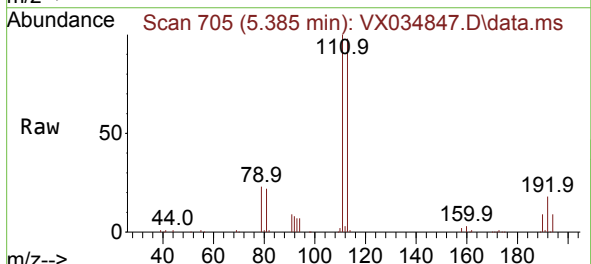
Instrument :
MSVOA_X
ClientSampleId :
MW-3

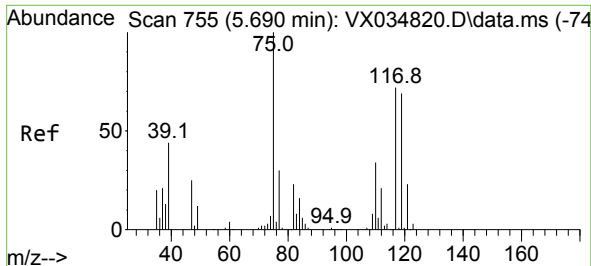
Tgt Ion:114 Resp: 438088
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion:113 Resp: 137413
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 18.3 15.4 23.2

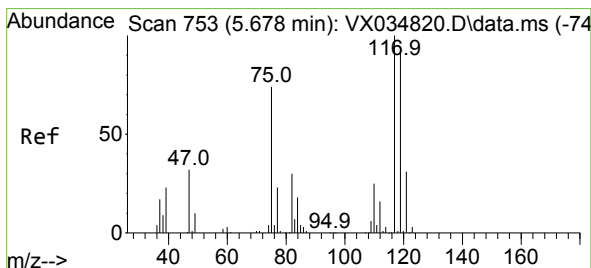
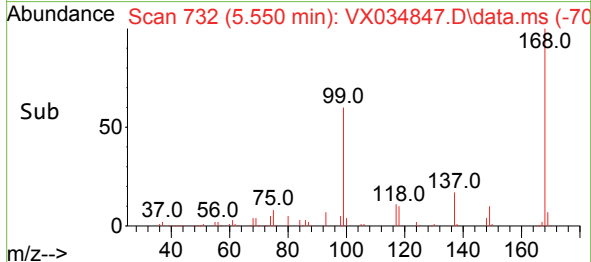
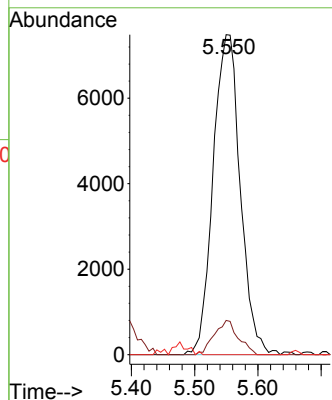
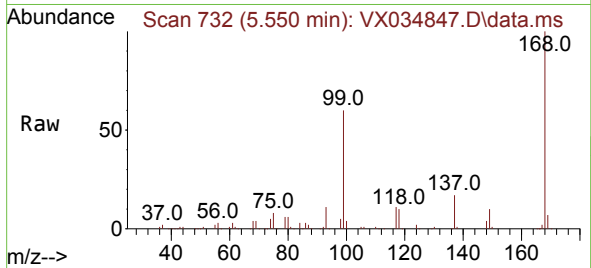




#36
1,1-Dichloropropene
Concen: 5.204 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

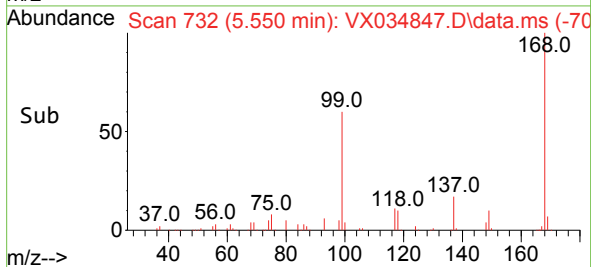
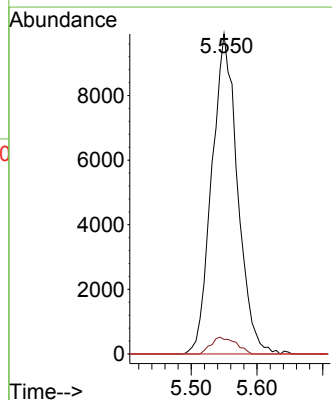
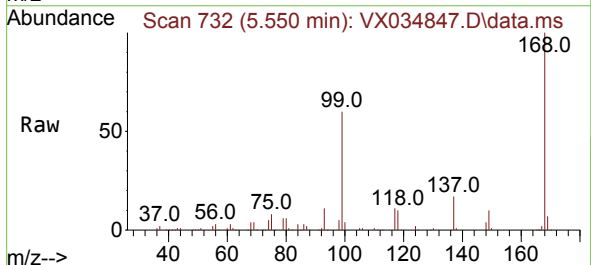
Instrument :
MSVOA_X
ClientSampleId :
MW-3

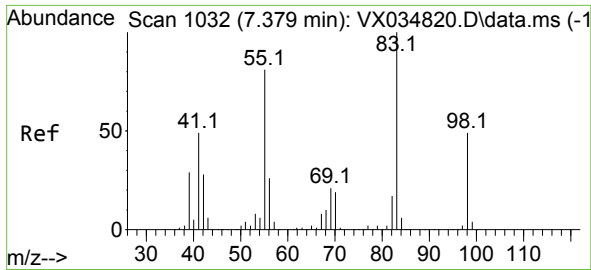
Tgt Ion: 75 Resp: 22265
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.640 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 117 Resp: 26984
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 10.508 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

MW-3

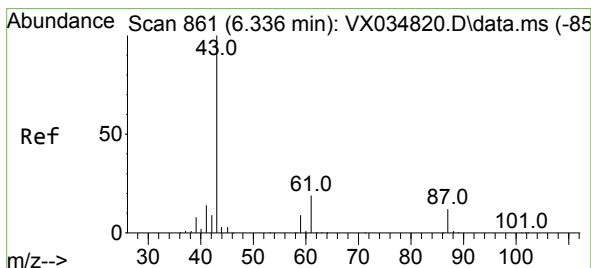
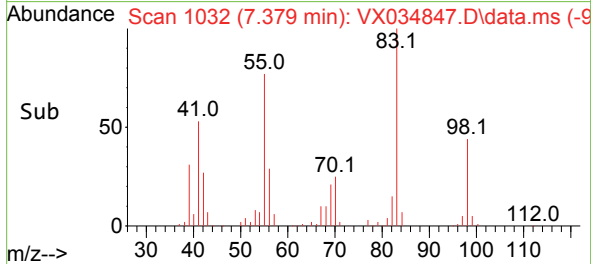
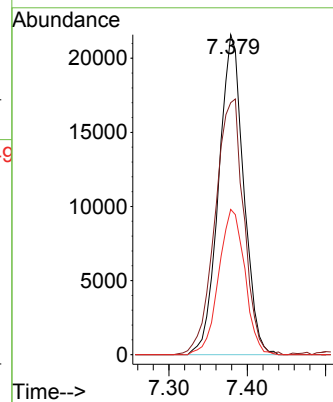
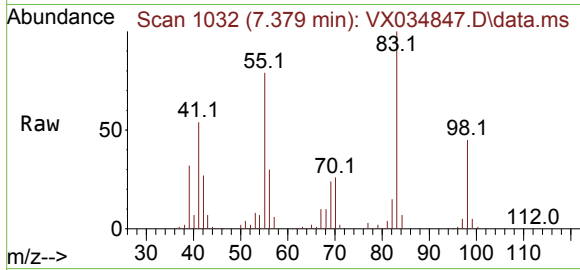
Tgt Ion: 83 Resp: 47793

Ion Ratio Lower Upper

83 100

55 78.8 60.5 90.7

98 45.4 40.4 60.6



#43

Isopropyl Acetate

Concen: 0.240 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.024 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

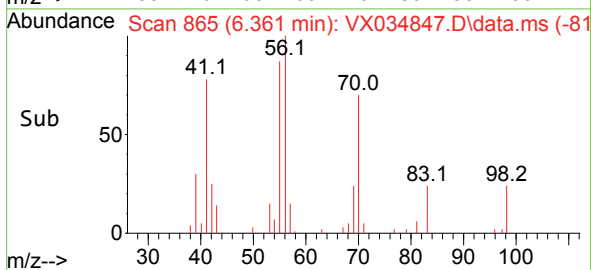
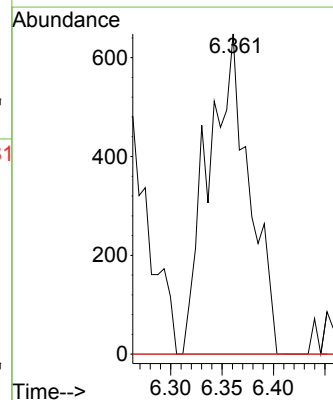
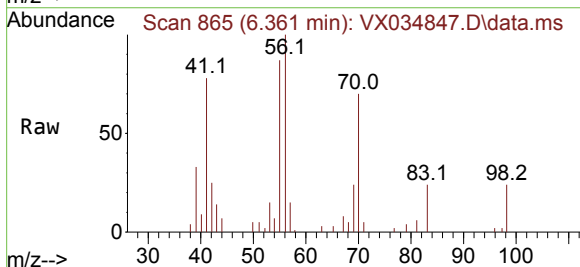
Tgt Ion: 43 Resp: 1802

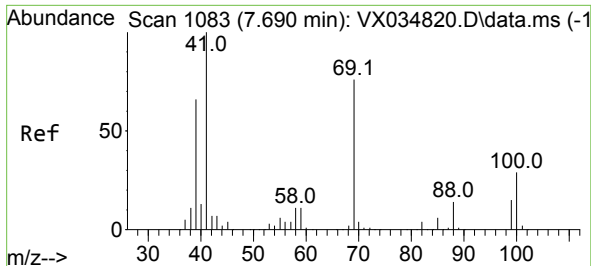
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.8#





#48

Methyl methacrylate

Concen: 0.953 ug/l

RT: 7.659 min Scan# 1083

Delta R.T. -0.031 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

MW-3

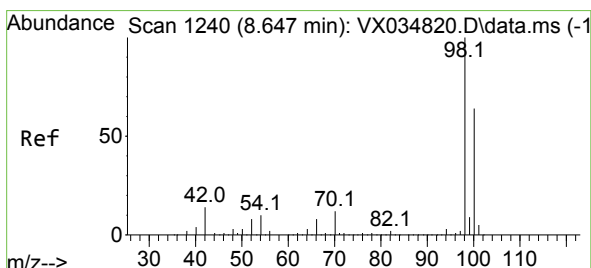
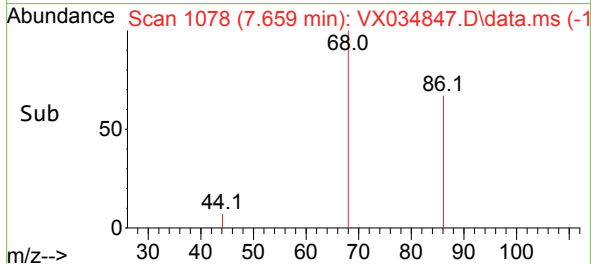
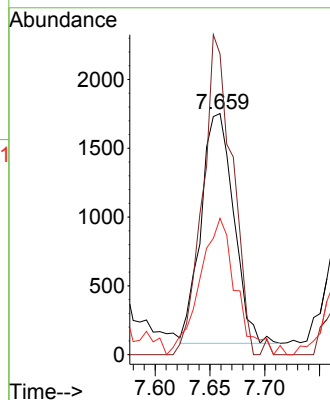
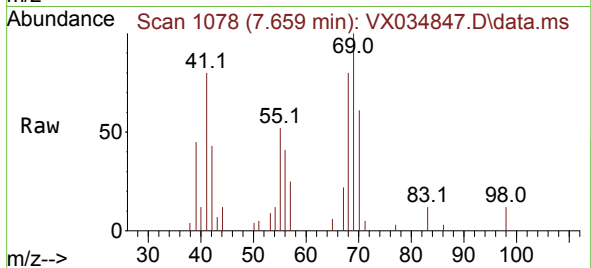
Tgt Ion: 41 Resp: 3467

Ion Ratio Lower Upper

41 100

69 125.6 62.2 93.4#

39 65.6 47.7 71.5



#50

Toluene-d8

Concen: 50.204 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034847.D

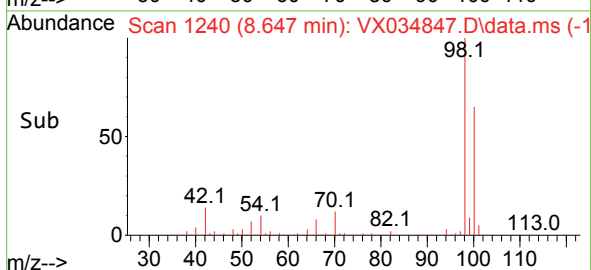
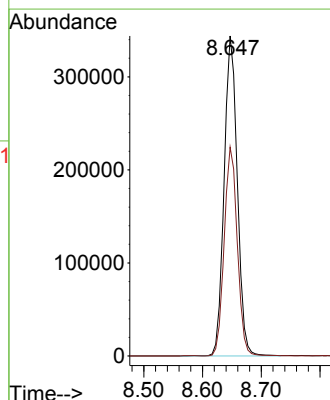
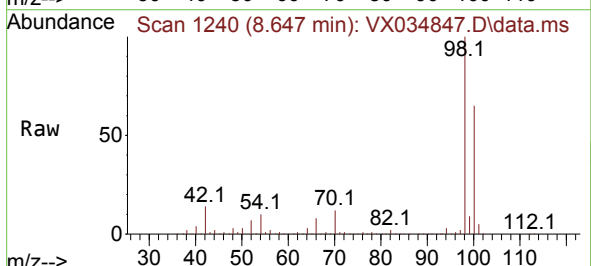
Acq: 30 Mar 2023 13:10

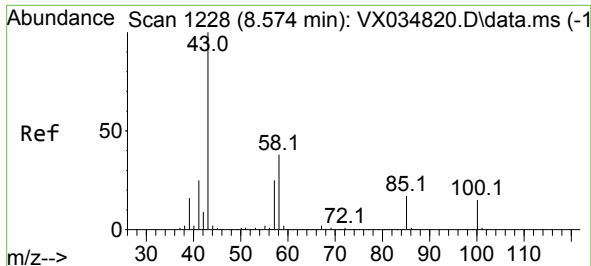
Tgt Ion: 98 Resp: 536942

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7

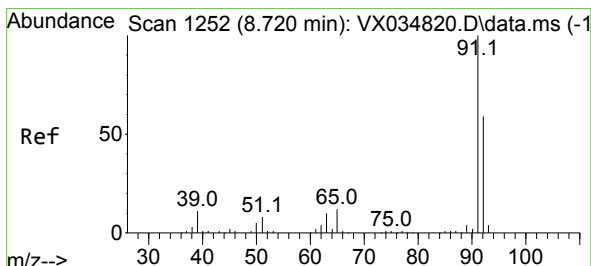
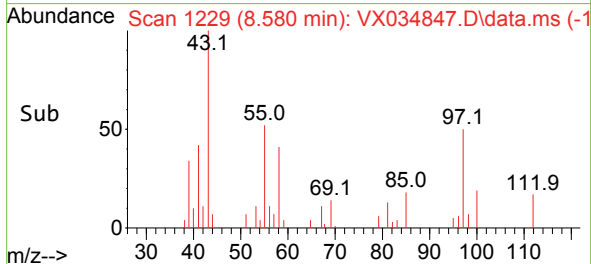
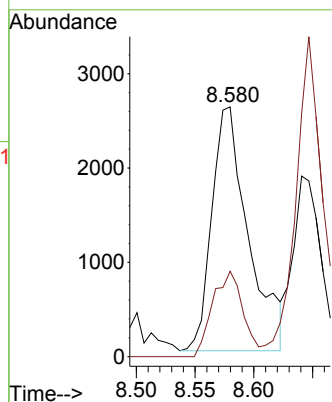
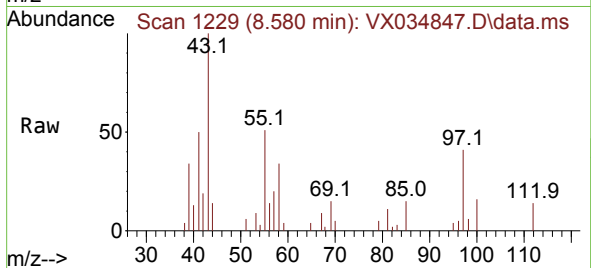




#51
4-Methyl-2-Pentanone
Concen: 1.268 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

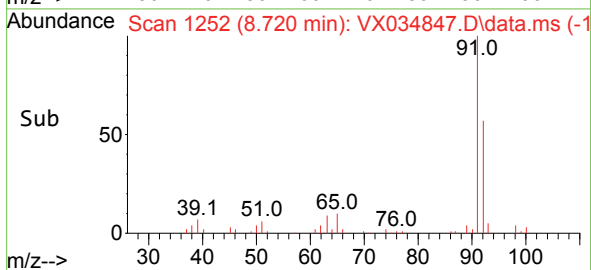
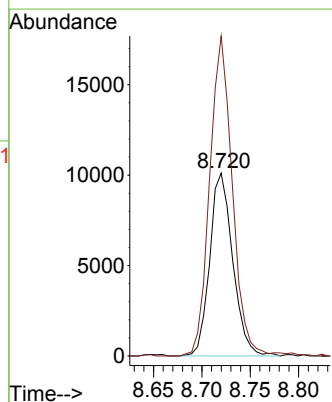
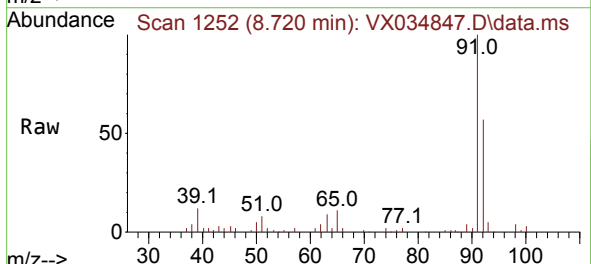
Instrument :
MSVOA_X
ClientSampleId :
MW-3

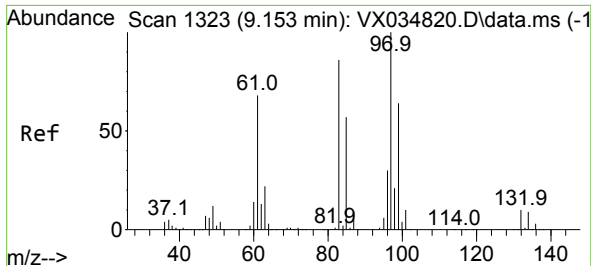
Tgt Ion: 43 Resp: 5599
Ion Ratio Lower Upper
43 100
58 28.9 30.6 46.0#



#52
Toluene
Concen: 2.114 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 92 Resp: 16732
Ion Ratio Lower Upper
92 100
91 172.7 136.8 205.2

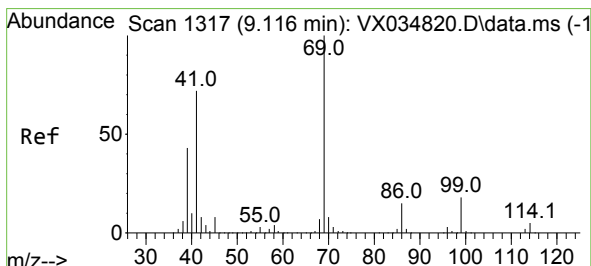
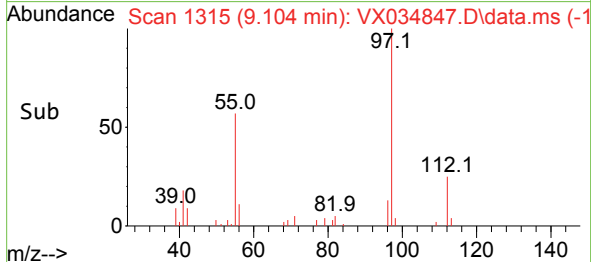
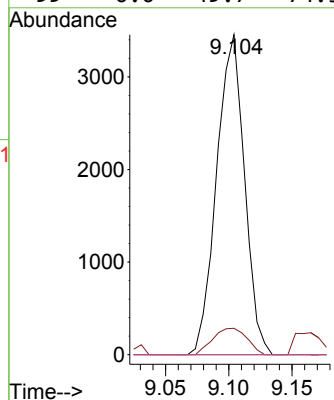
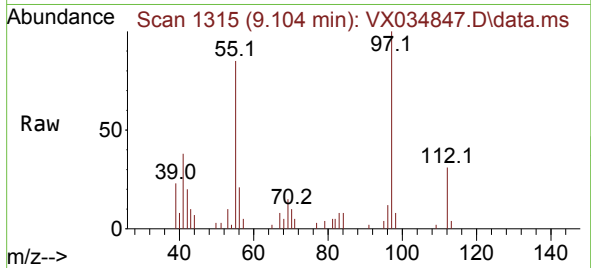




#55
 1,1,2-Trichloroethane
 Concen: 1.762 ug/l
 RT: 9.104 min Scan# 1315
 Delta R.T. -0.049 min
 Lab File: VX034847.D
 Acq: 30 Mar 2023 13:10

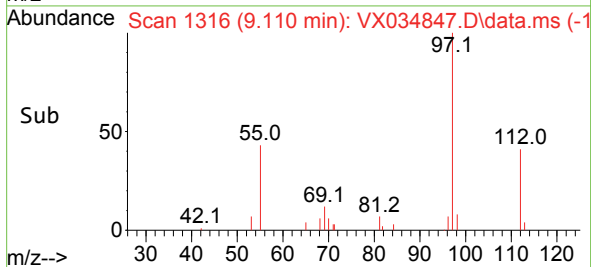
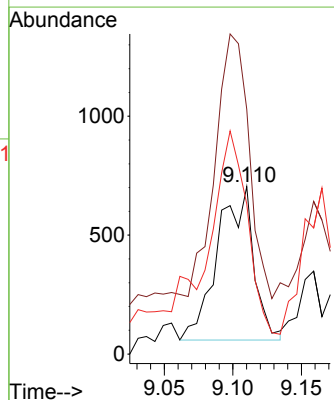
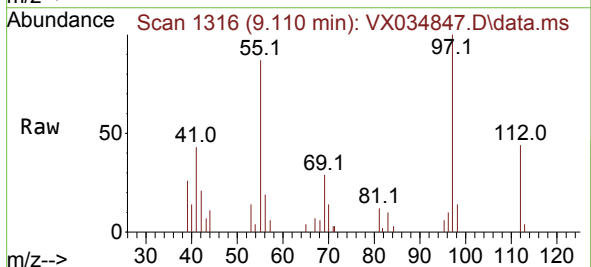
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

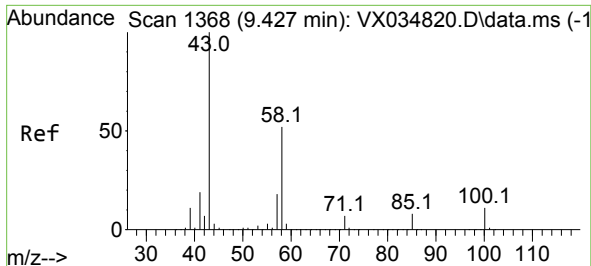
Tgt Ion:	97	Resp:	5290
Ion	Ratio	Lower	Upper
97	100		
83	8.2	69.7	104.5#
85	0.0	43.7	65.5#
99	0.0	49.7	74.5#



#56
 Ethyl methacrylate
 Concen: 0.251 ug/l
 RT: 9.110 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VX034847.D
 Acq: 30 Mar 2023 13:10

Tgt Ion:	69	Resp:	1181
Ion	Ratio	Lower	Upper
69	100		
41	160.5	57.4	86.0#
39	145.2	33.7	50.5#





#59

2-Hexanone

Concen: 1.227 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

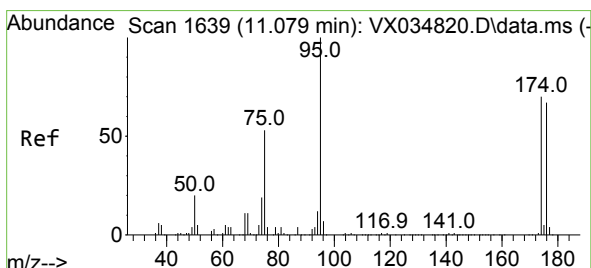
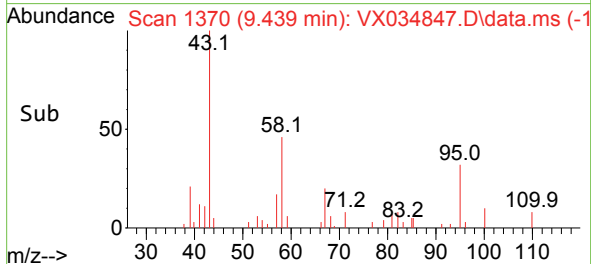
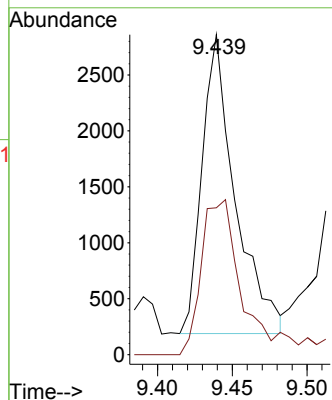
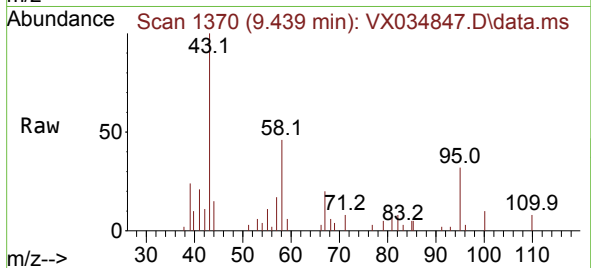
MW-3

Tgt Ion: 43 Resp: 4107

Ion Ratio Lower Upper

43 100

58 63.2 26.3 78.9



#62

4-Bromofluorobenzene

Concen: 48.065 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

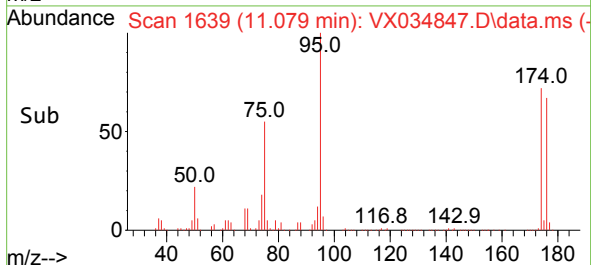
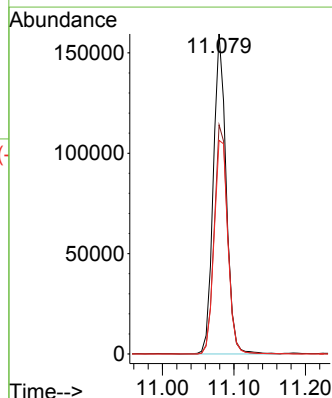
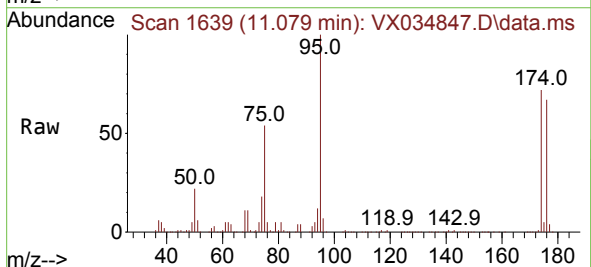
Tgt Ion: 95 Resp: 198930

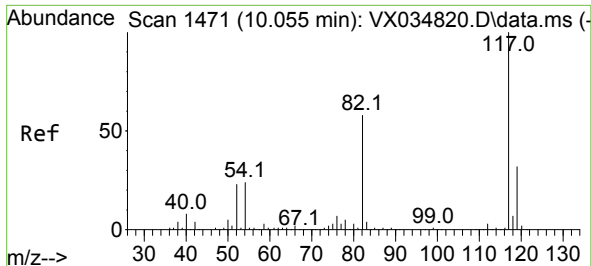
Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.4

176 71.6 0.0 140.6

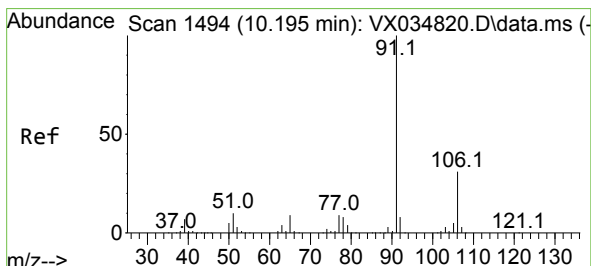
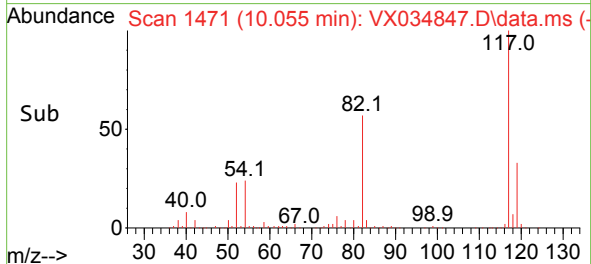
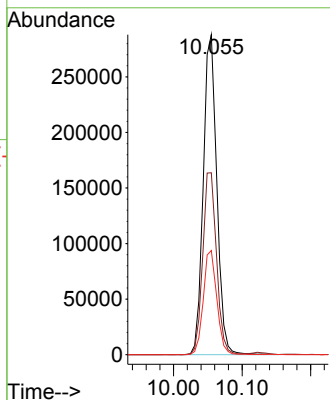
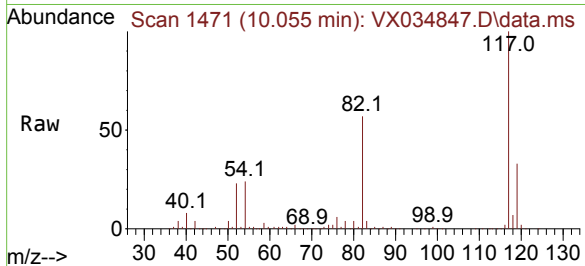




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

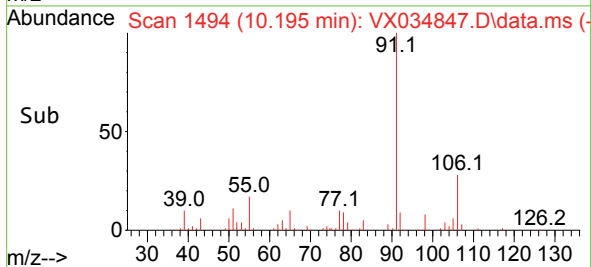
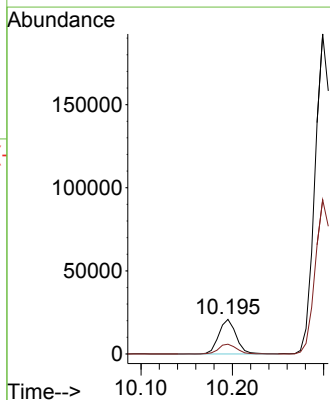
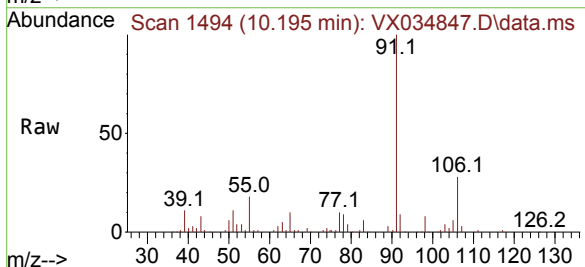
Instrument :
MSVOA_X
ClientSampleId :
MW-3

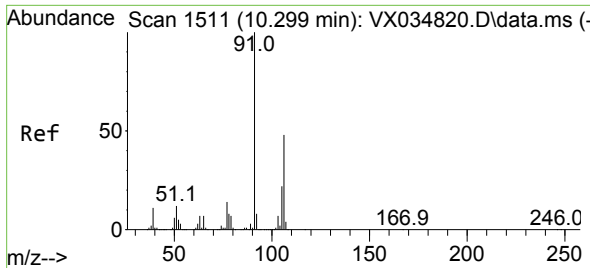
Tgt Ion:117 Resp: 396239
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.6 26.0 39.0



#67
Ethyl Benzene
Concen: 1.858 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 91 Resp: 27658
Ion Ratio Lower Upper
91 100
106 28.1 25.6 38.4

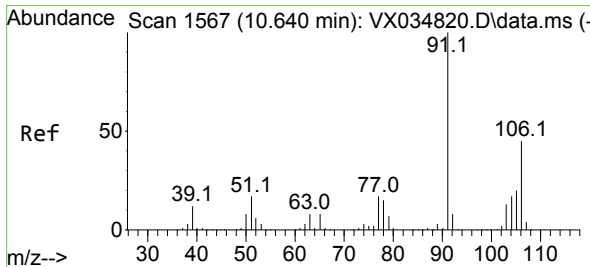
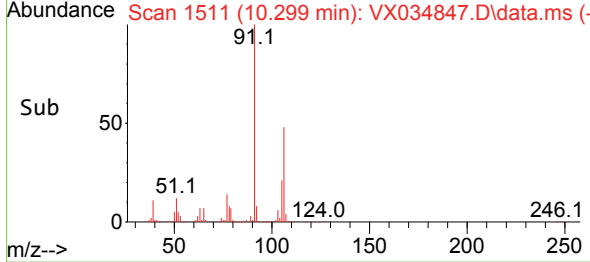
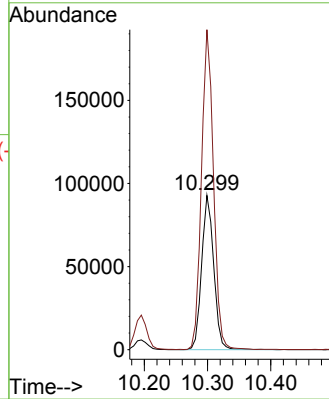
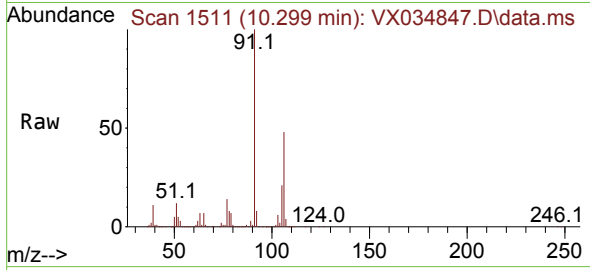




#68
m/p-Xylenes
Concen: 21.978 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

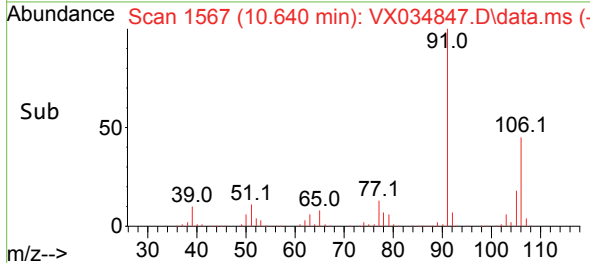
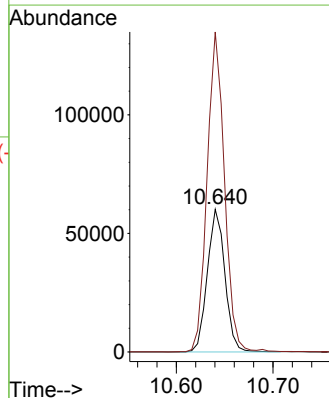
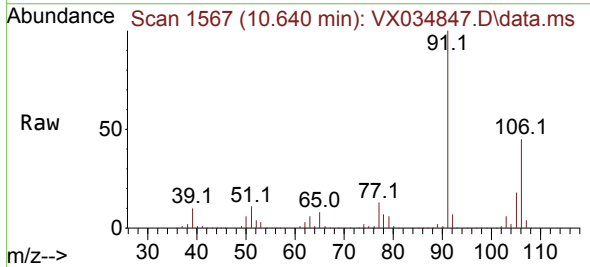
Instrument :
MSVOA_X
ClientSampleId :
MW-3

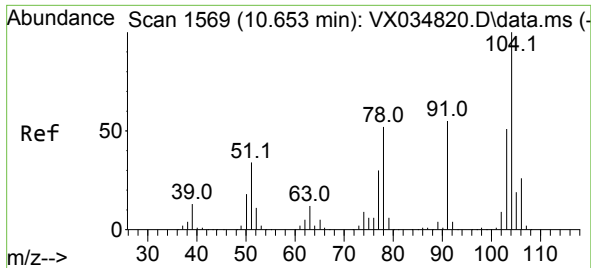
Tgt Ion:106 Resp: 123796
Ion Ratio Lower Upper
106 100
91 205.8 164.0 246.0



#69
o-Xylene
Concen: 13.656 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion:106 Resp: 76411
Ion Ratio Lower Upper
106 100
91 221.5 108.5 325.3

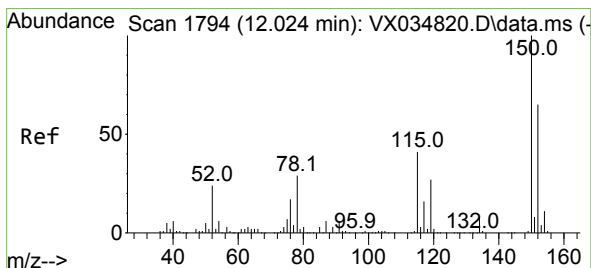
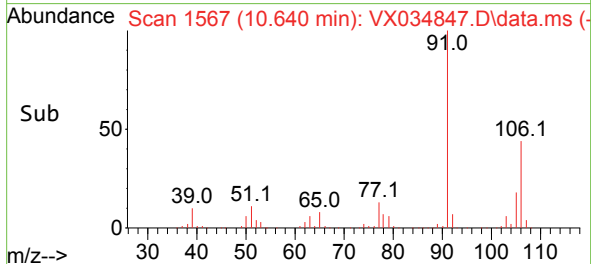
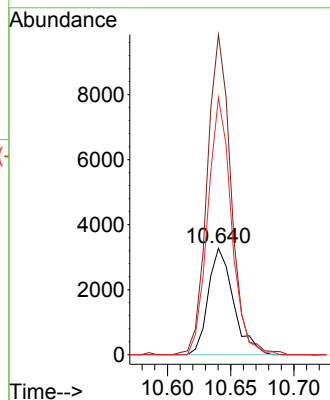
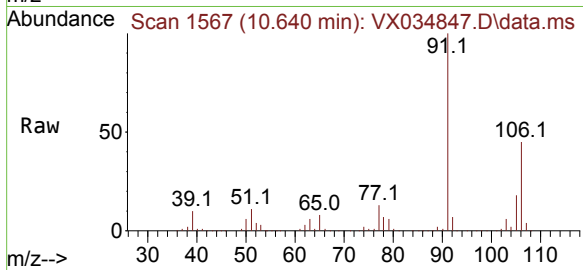




#70
Styrene
Concen: 0.509 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.013 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

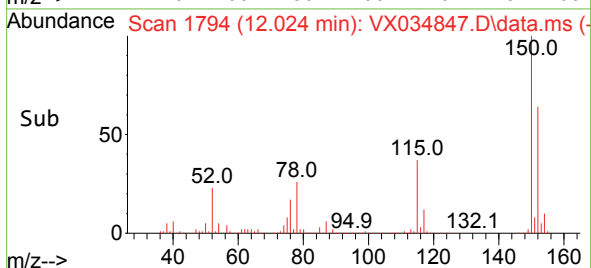
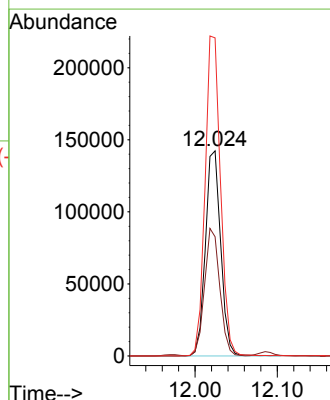
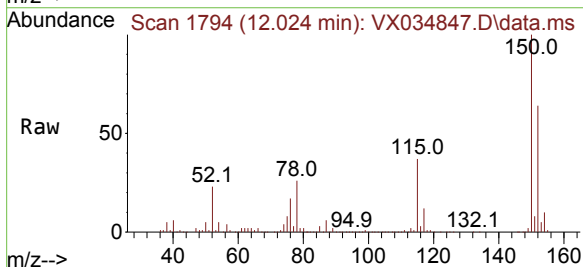
Instrument :
MSVOA_X
ClientSampleId :
MW-3

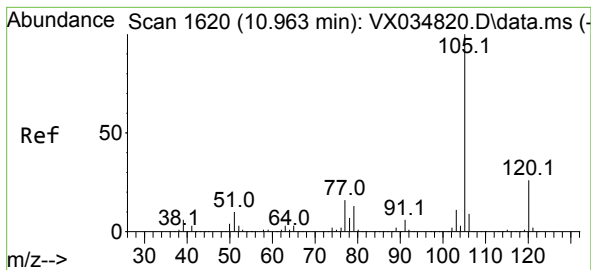
Tgt Ion:104 Resp: 4544
Ion Ratio Lower Upper
104 100
78 283.8 43.4 65.2#
103 225.6 44.2 66.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion:152 Resp: 184075
Ion Ratio Lower Upper
152 100
115 61.7 45.0 135.0
150 157.3 0.0 352.4





#73

Isopropylbenzene

Concen: 2.539 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

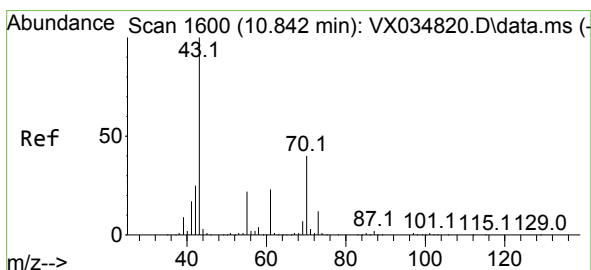
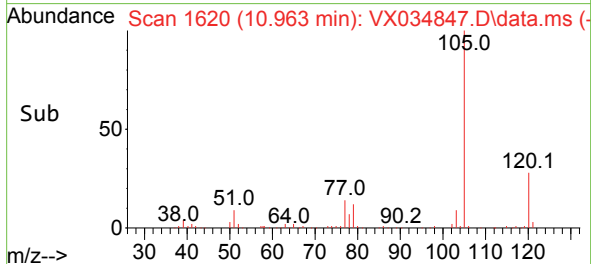
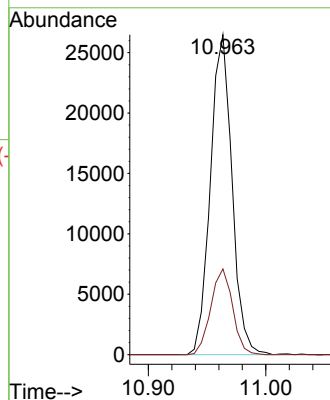
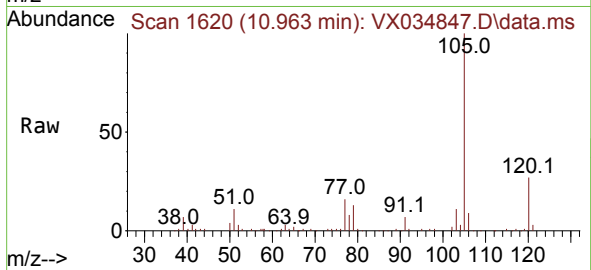
MW-3

Tgt Ion:105 Resp: 33803

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 0.965 ug/l

RT: 10.890 min Scan# 1608

Delta R.T. 0.048 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Tgt Ion: 43 Resp: 5901

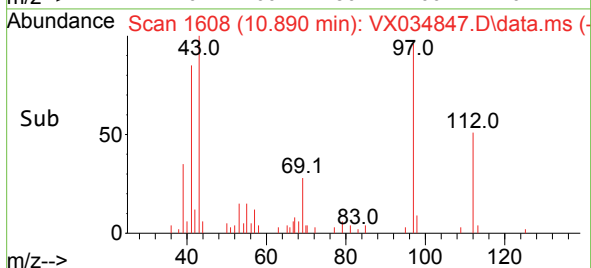
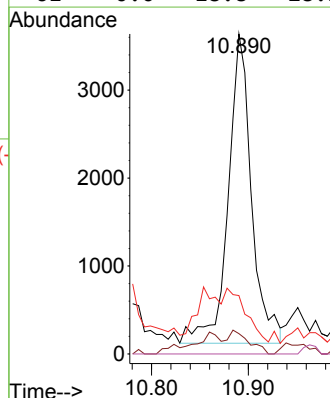
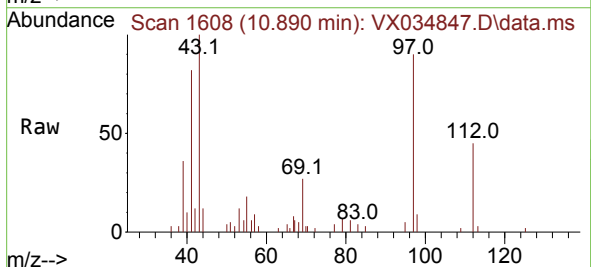
Ion Ratio Lower Upper

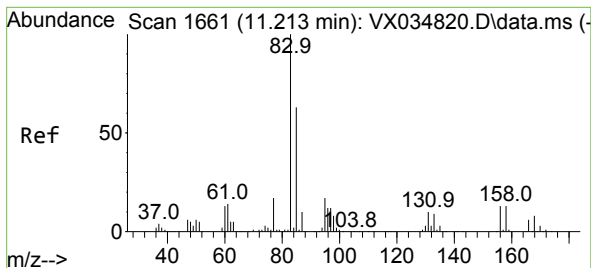
43 100

70 7.0 32.1 48.1#

55 0.0 18.3 27.5#

61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.255 ug/l

RT: 11.226 min Scan# 1

Delta R.T. 0.013 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

MW-3

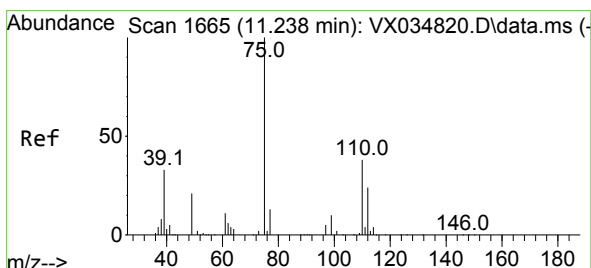
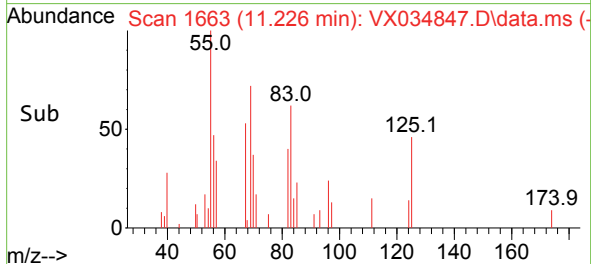
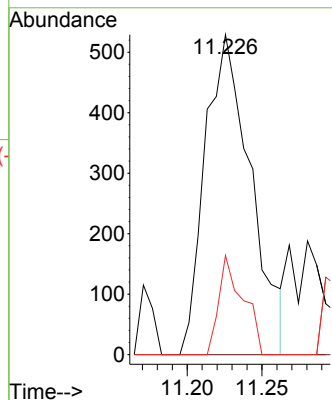
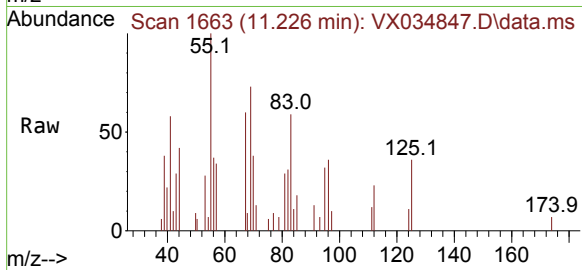
Tgt Ion: 83 Resp: 1121

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 16.5 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 28.655 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034847.D

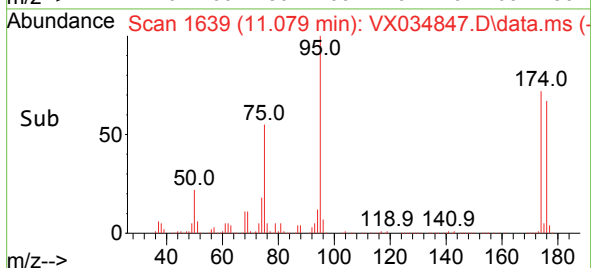
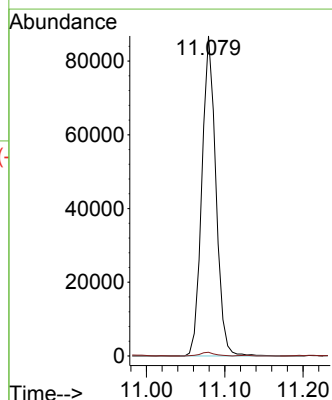
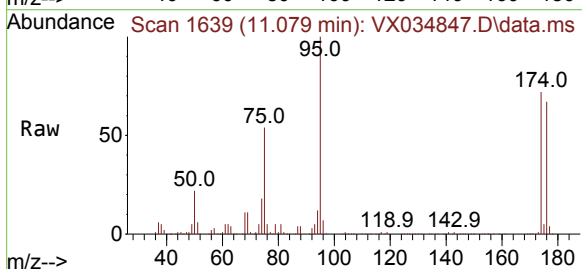
Acq: 30 Mar 2023 13:10

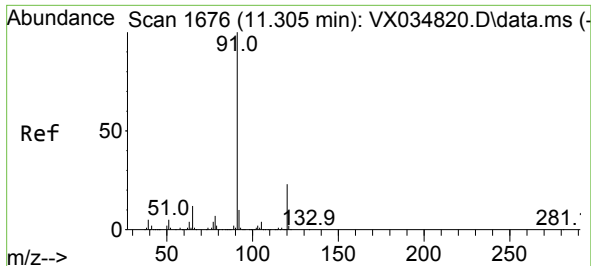
Tgt Ion: 75 Resp: 108009

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#

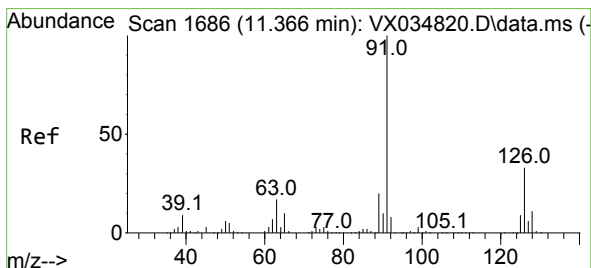
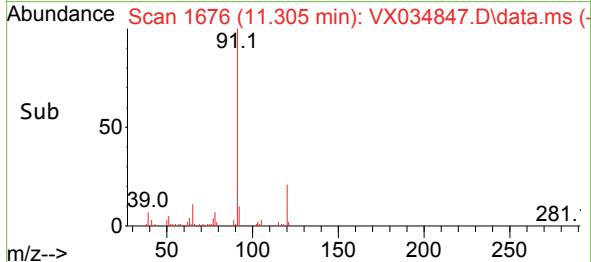
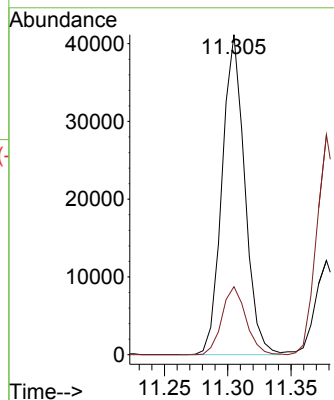
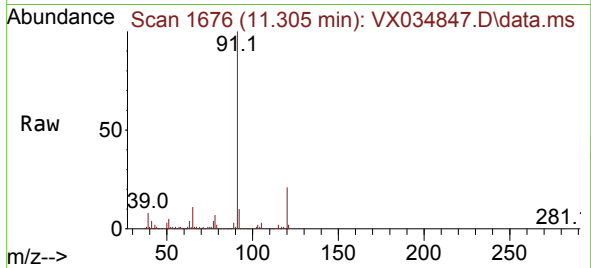




#78
n-propylbenzene
Concen: 3.334 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

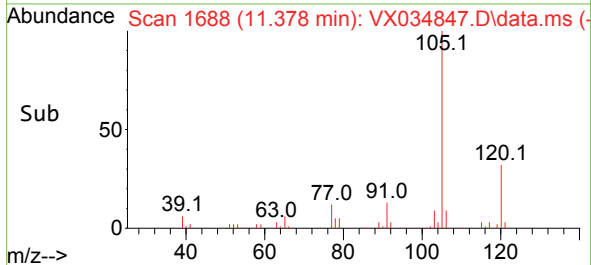
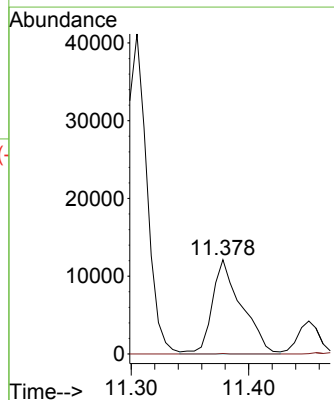
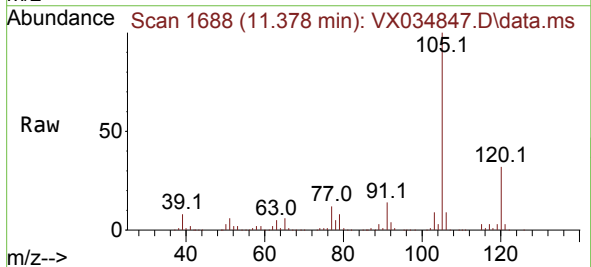
Instrument :
MSVOA_X
ClientSampleId :
MW-3

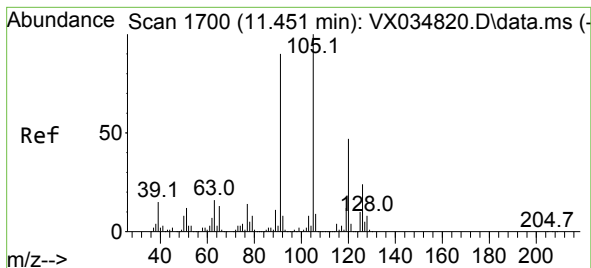
Tgt Ion: 91 Resp: 51242
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5



#79
2-Chlorotoluene
Concen: 2.138 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 91 Resp: 21087
Ion Ratio Lower Upper
91 100
126 0.1 16.3 48.9#





#80

1,3,5-Trimethylbenzene

Concen: 3.747 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

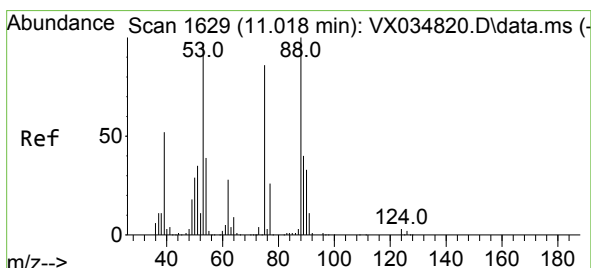
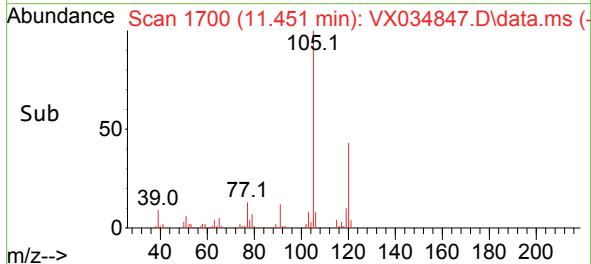
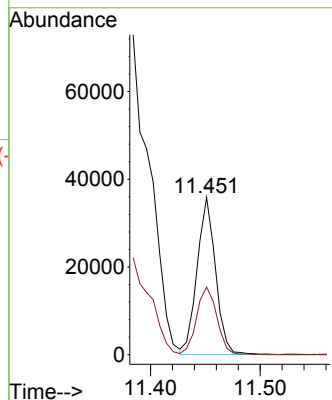
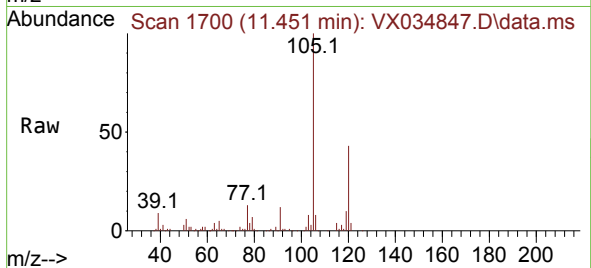
MW-3

Tgt Ion:105 Resp: 42043

Ion Ratio Lower Upper

105 100

120 47.1 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 76.799 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

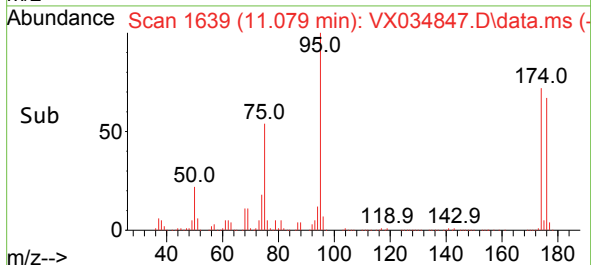
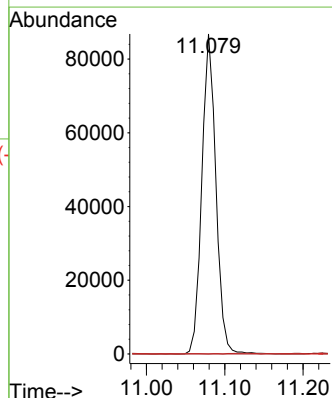
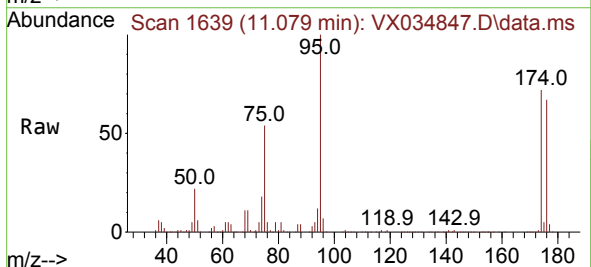
Tgt Ion: 75 Resp: 108009

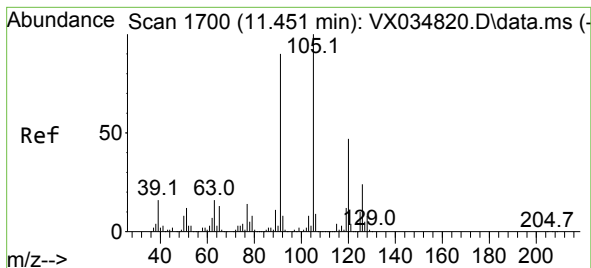
Ion Ratio Lower Upper

75 100

53 0.1 82.6 124.0#

89 0.0 36.9 55.3#

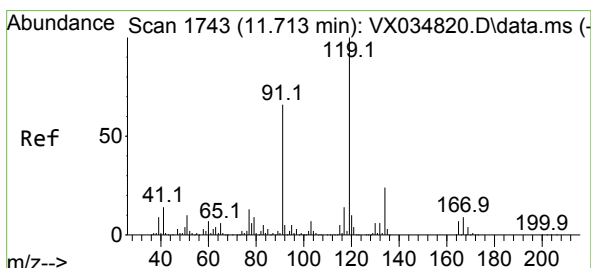
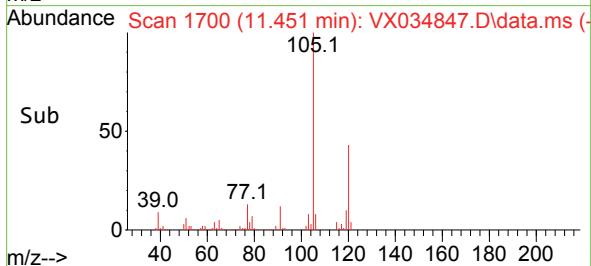
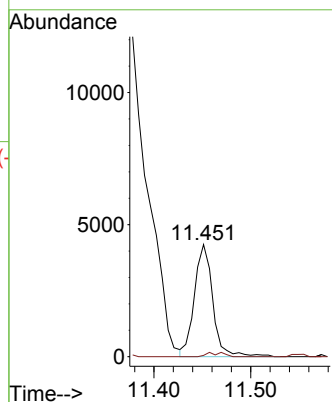
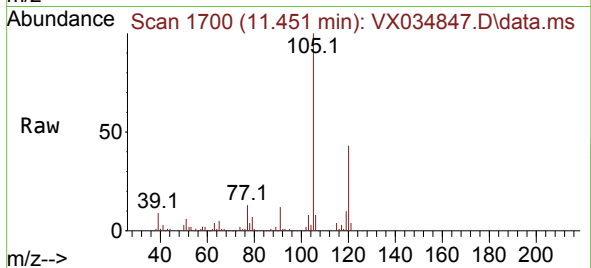




#82
4-Chlorotoluene
Concen: 0.497 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

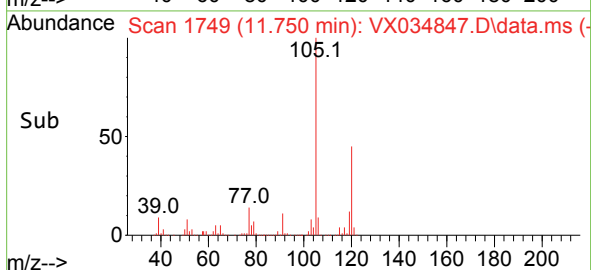
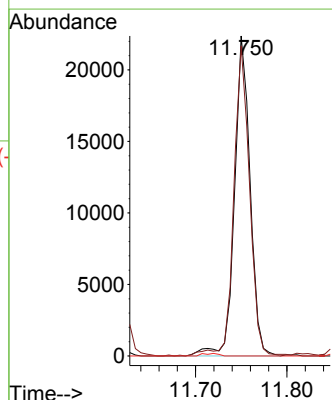
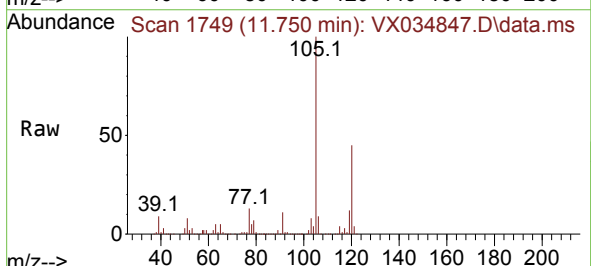
Instrument :
MSVOA_X
ClientSampleId :
MW-3

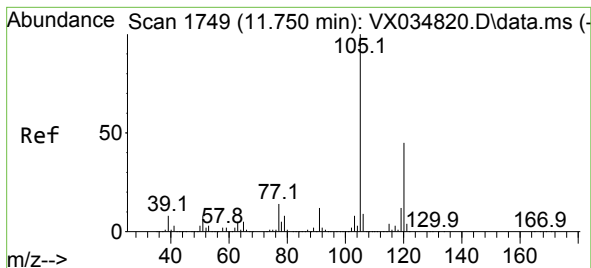
Tgt Ion: 91 Resp: 5626
Ion Ratio Lower Upper
91 100
126 3.4 14.2 42.6#



#83
tert-Butylbenzene
Concen: 2.545 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.037 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 119 Resp: 26486
Ion Ratio Lower Upper
119 100
91 97.8 30.6 92.0#
134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 19.850 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

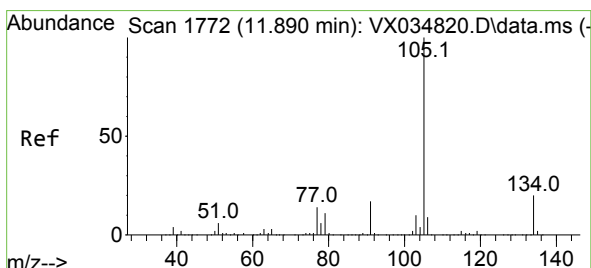
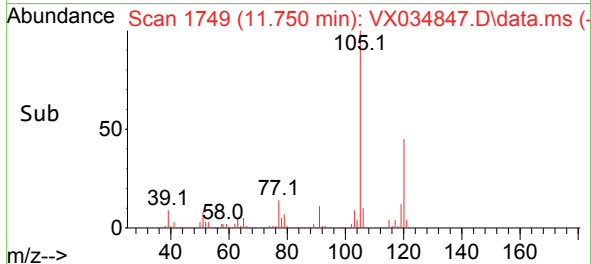
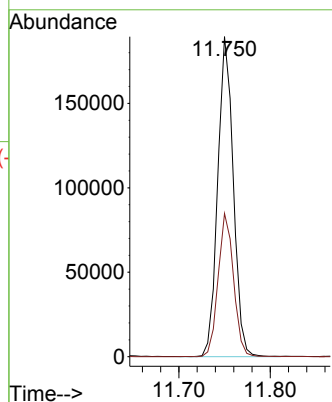
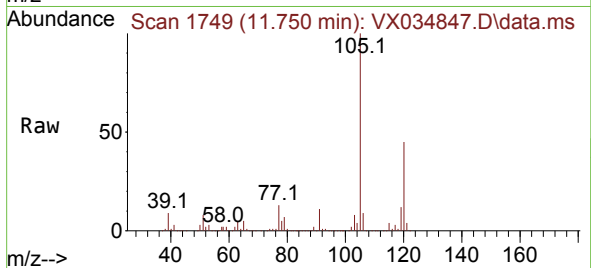
MW-3

Tgt Ion:105 Resp: 224255

Ion Ratio Lower Upper

105 100

120 44.5 22.4 67.0



#85

sec-Butylbenzene

Concen: 0.719 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034847.D

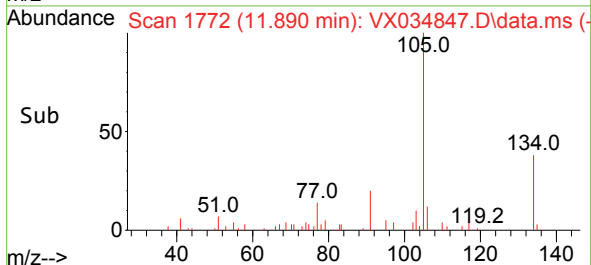
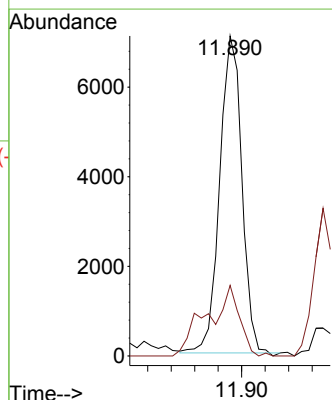
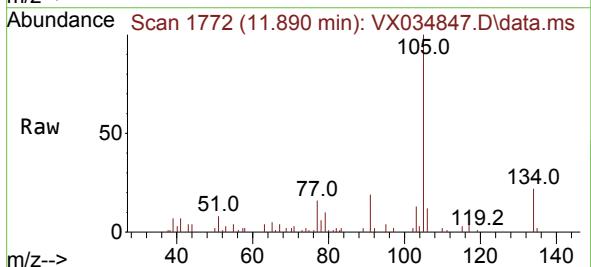
Acq: 30 Mar 2023 13:10

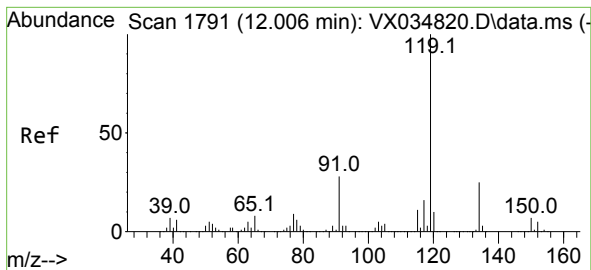
Tgt Ion:105 Resp: 9253

Ion Ratio Lower Upper

105 100

134 17.2 10.2 30.4





#86

p-Isopropyltoluene

Concen: 0.846 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

MW-3

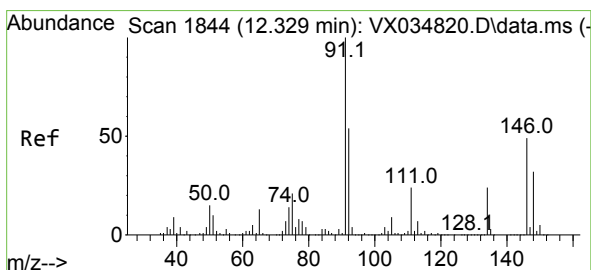
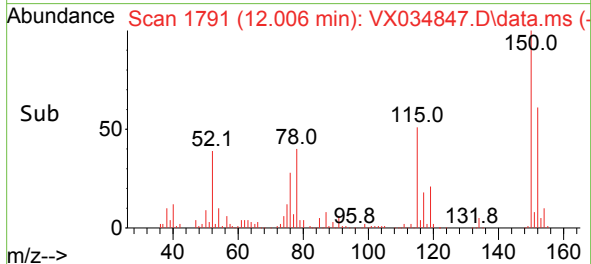
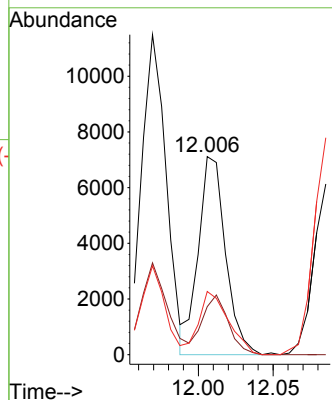
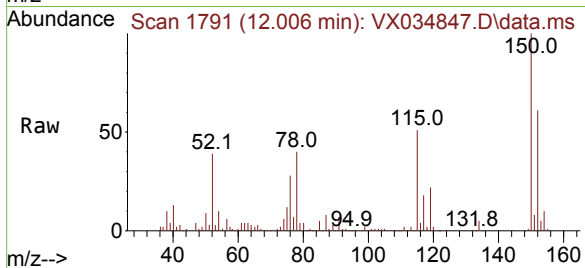
Tgt Ion:119 Resp: 9040

Ion Ratio Lower Upper

119 100

134 28.6 13.2 39.5

91 34.9 12.9 38.7



#89

n-Butylbenzene

Concen: 1.713 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX034847.D

Acq: 30 Mar 2023 13:10

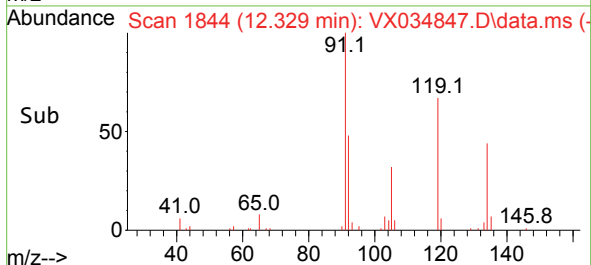
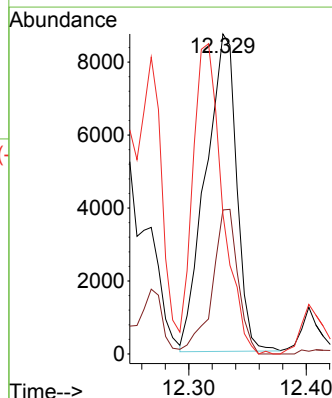
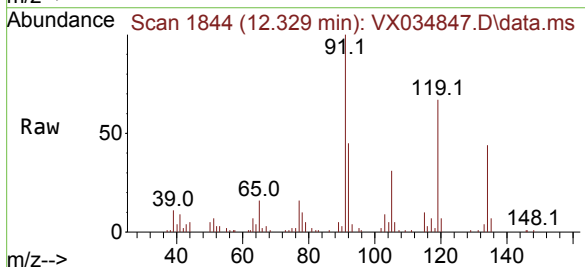
Tgt Ion: 91 Resp: 15962

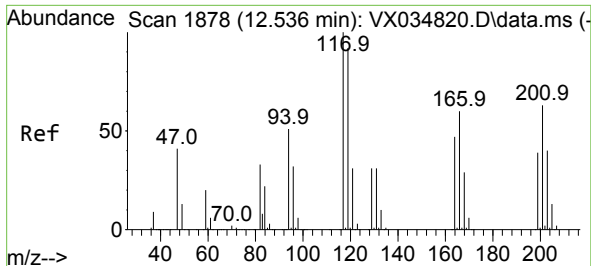
Ion Ratio Lower Upper

91 100

92 37.8 27.7 83.0

134 92.8 13.0 38.9#

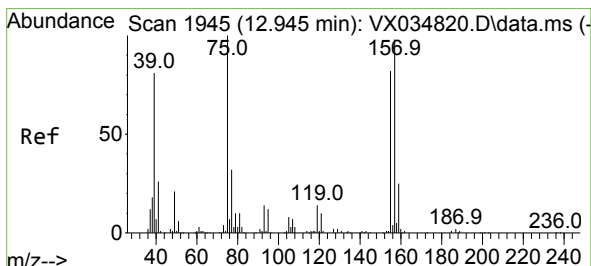
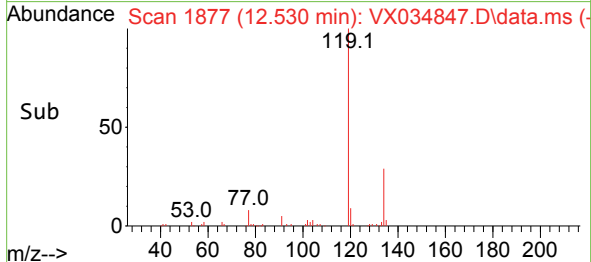
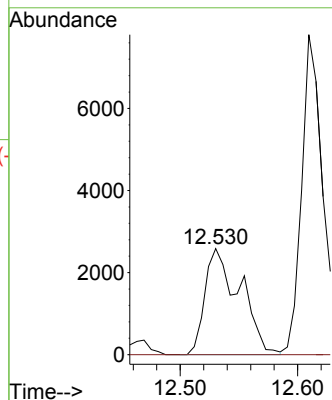
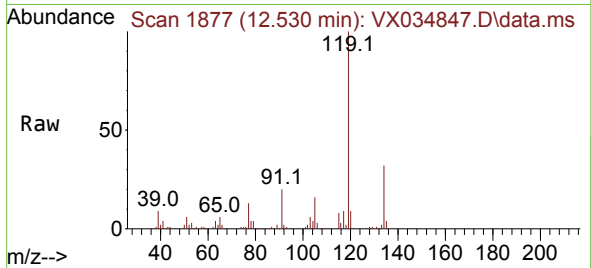




#90
Hexachloroethane
Concen: 3.887 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

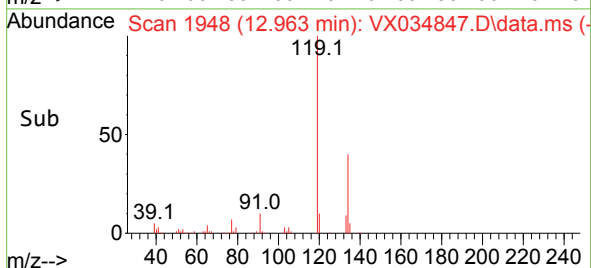
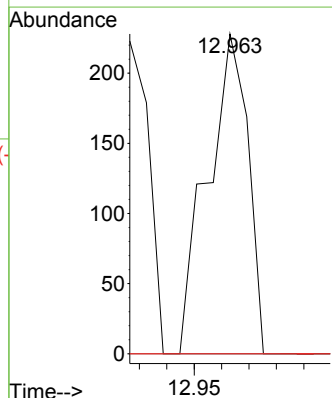
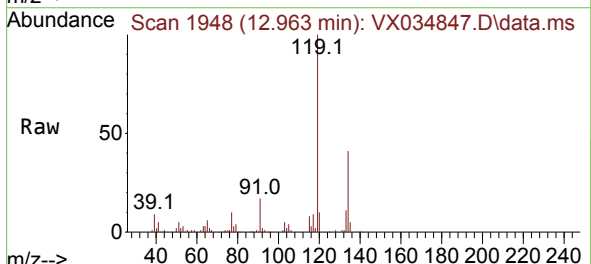
Instrument :
MSVOA_X
ClientSampleId :
MW-3

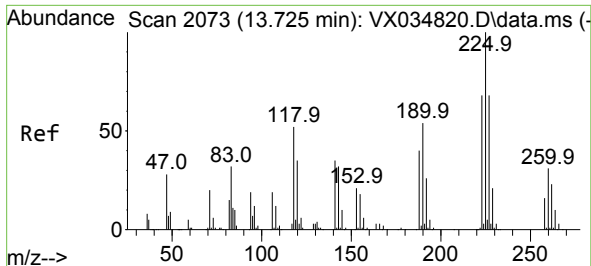
Tgt Ion:117 Resp: 5388
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.295 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion: 75 Resp: 234
Ion Ratio Lower Upper
75 100
155 0.0 38.4 115.1#
157 0.0 49.9 149.7#

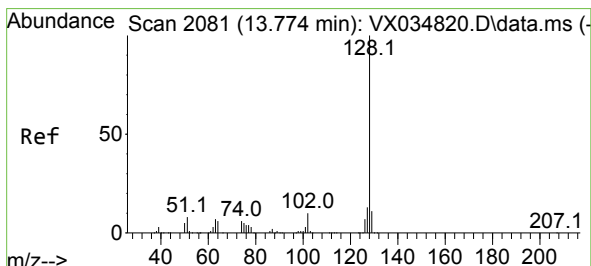
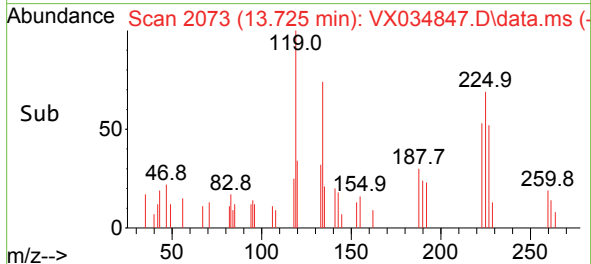
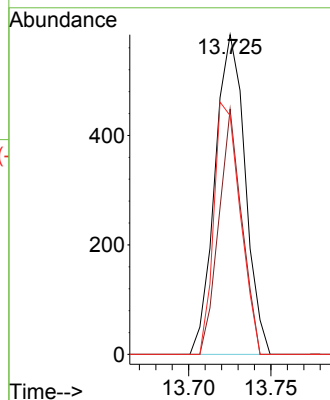
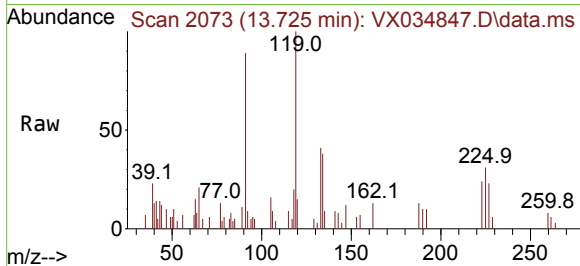




#94
Hexachlorobutadiene
Concen: 0.387 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:	225	Resp:	744
Ion Ratio	Lower	Upper	
225	100		
223	58.6	32.1	96.5
227	68.7	31.8	95.4



#95
Naphthalene
Concen: 12.125 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034847.D
Acq: 30 Mar 2023 13:10

Tgt Ion:	128	Resp:	148423
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.2	15.4
129	11.7	8.6	13.0

