

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036442.D
 Acq On : 06 Jul 2023 18:16
 Operator : JC/MD
 Sample : 03500-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jul 07 01:51:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	169060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	289596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109425	45.154	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.300%
35) Dibromofluoromethane	5.385	113	88736	46.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.653	98	352731	49.457	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	133149	53.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.000%

Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	201	0.456	ug/l #	78
13) Acrolein	2.337	56	91438	150.933	ug/l #	77
14) Allyl chloride	2.782	41	292961	93.826	ug/l #	66
15) Acrylonitrile	3.105	53	40079	35.845	ug/l #	40
16) Acetone	2.337	43	245736	237.240	ug/l #	58
18) Methyl Acetate	2.782	43	709376	166.540	ug/l #	54
19) Methyl tert-butyl Ether	3.117	73	1424	0.229	ug/l #	1
20) Methylene Chloride	2.776	84	972	0.436	ug/l #	1
23) Vinyl Acetate	3.739	43	2112	0.465	ug/l #	73
24) 1,1-Dichloroethane	3.727	63	796	0.216	ug/l #	83
25) 2-Butanone	4.452	43	11214	7.535	ug/l #	51
26) 2,2-Dichloropropane	4.306	77	5013	1.917	ug/l #	54
30) Chloroform	5.105	83	928	0.250	ug/l #	1
31) Cyclohexane	5.476	56	237341	76.426	ug/l	98
36) 1,1-Dichloropropene	5.550	75	14130	4.964	ug/l #	50
37) Ethyl Acetate	4.787	43	956	0.330	ug/l #	1
38) Carbon Tetrachloride	5.550	117	17343	6.671	ug/l #	15
39) Methylcyclohexane	7.385	83	290918	85.332	ug/l	96
40) Benzene	6.043	78	10567	1.329	ug/l	96
41) Methacrylonitrile	4.897	41	994	0.618	ug/l #	28
43) Isopropyl Acetate	6.360	43	10906	2.357	ug/l #	63
45) 1,2-Dichloropropane	7.378	63	3567	1.647	ug/l #	1
46) Dibromomethane	7.549	93	372	0.244	ug/l #	1
47) Bromodichloromethane	7.775	83	2438	0.884	ug/l #	59
48) Methyl methacrylate	7.659	41	33775	14.637	ug/l #	44
51) 4-Methyl-2-Pentanone	8.610	43	9648	3.236	ug/l #	57
52) Toluene	8.720	92	4987	0.990	ug/l	87
55) 1,1,2-Trichloroethane	9.104	97	30489	14.559	ug/l #	20
56) Ethyl methacrylate	9.098	69	7892	2.519	ug/l #	10
59) 2-Hexanone	9.567	43	3938	1.809	ug/l	79
67) Ethyl Benzene	10.195	91	166488	16.729	ug/l	98
68) m/p-Xylenes	10.305	106	20120	5.204	ug/l	95
69) o-Xylene	10.646	106	1739	0.466	ug/l	87
73) Isopropylbenzene	10.963	105	374422	41.214	ug/l	97
74) N-amyl acetate	10.841	43	1784	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.305	75	8054	3.132	ug/l #	1

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 MW-1

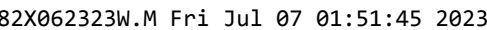
Quant Time: Jul 07 01:51:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
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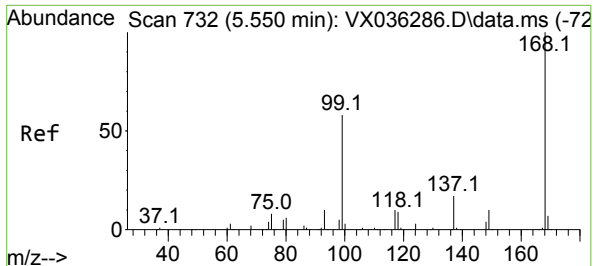
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	11.305	91	1278778	120.527	ug/l	99
79) 2-Chlorotoluene	11.305	91	1278778	202.609	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.402	105	84734	11.013	ug/l	73
81) trans-1,4-Dichloro-2-b...	10.963	75	4427	5.612	ug/l #	71
82) 4-Chlorotoluene	11.305	91	1278778	174.030	ug/l #	46
83) tert-Butylbenzene	11.719	119	2348	0.318	ug/l #	28
84) 1,2,4-Trimethylbenzene	11.750	105	22959	3.016	ug/l	93
85) sec-Butylbenzene	11.890	105	114112	12.216	ug/l	97
86) p-Isopropyltoluene	12.012	119	19026	2.427	ug/l	98
89) n-Butylbenzene	12.335	91	161969	23.216	ug/l #	75
90) Hexachloroethane	12.615	117	77291	65.097	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	282	0.483	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.585	180	555	0.223	ug/l #	1
95) Naphthalene	13.774	128	414828	50.409	ug/l	98

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

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QLast Update : Fri Jun 23 15:03:28 2023
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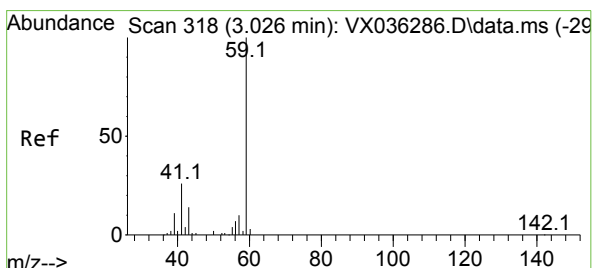
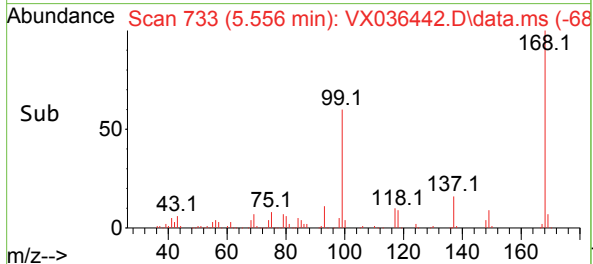
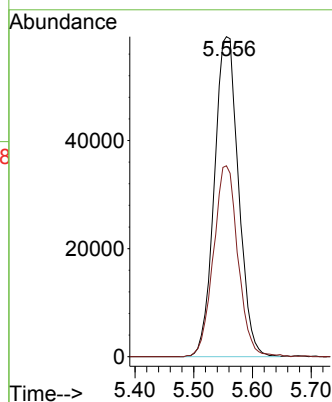
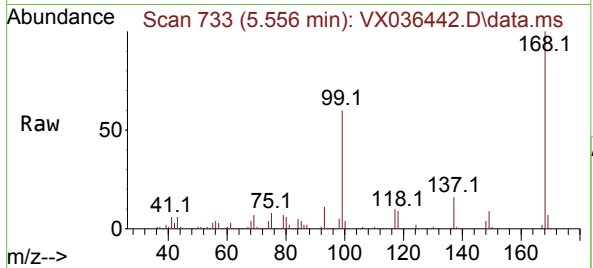




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

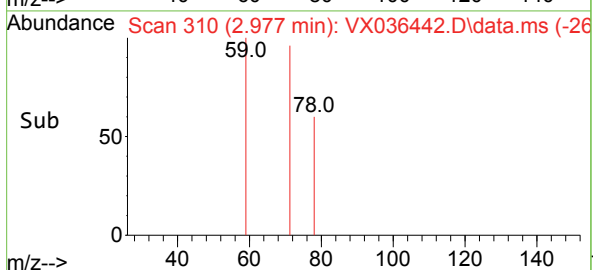
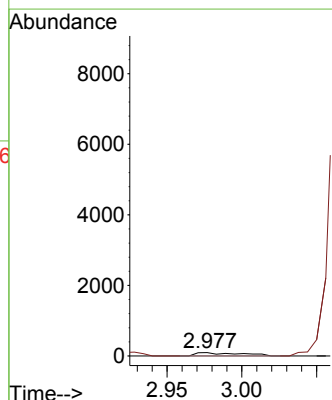
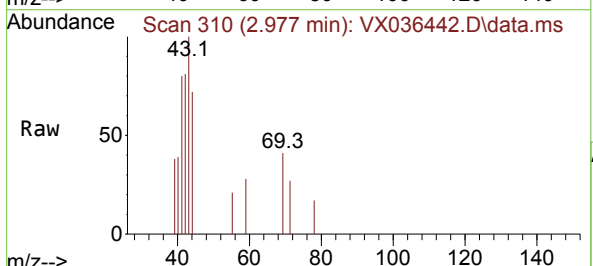
Instrument :
MSVOA_X
ClientSampleId :
MW-1

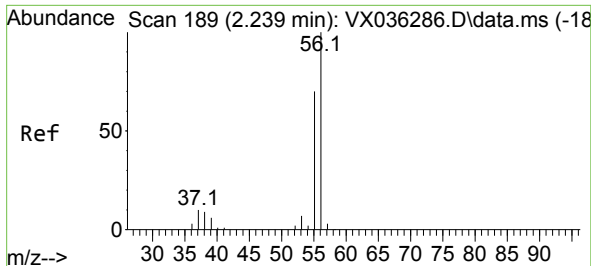
Tgt Ion:168 Resp: 169060
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.456 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.036 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 150.933 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.098 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

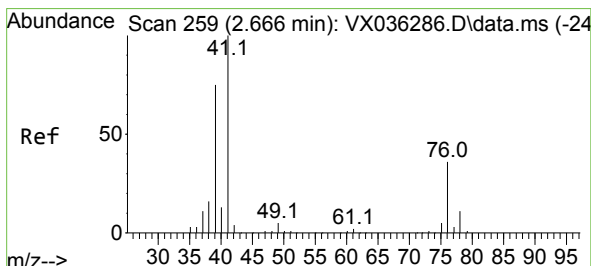
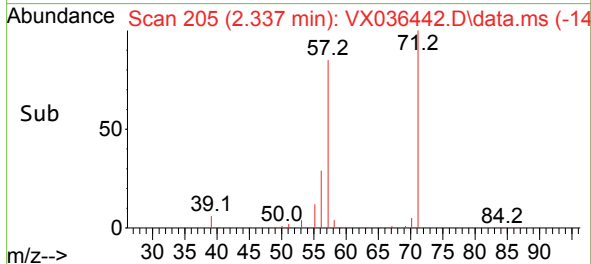
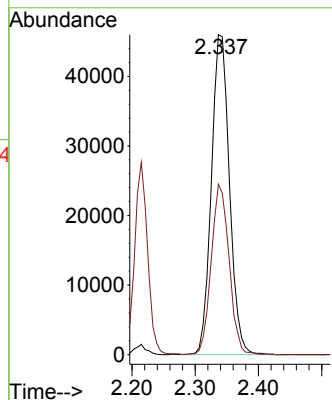
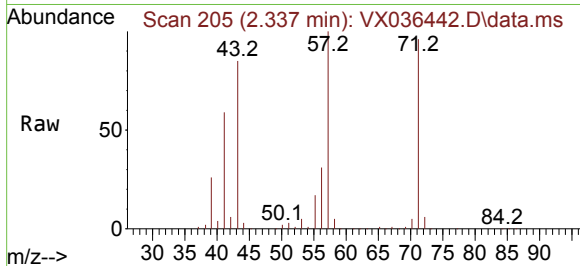
MW-1

Tgt Ion: 56 Resp: 91438

Ion Ratio Lower Upper

56 100

55 52.7 57.1 85.7#



#14

Allyl chloride

Concen: 93.826 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.116 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

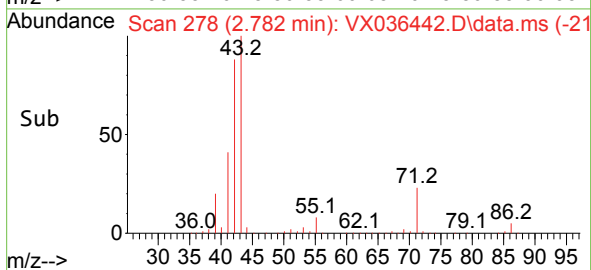
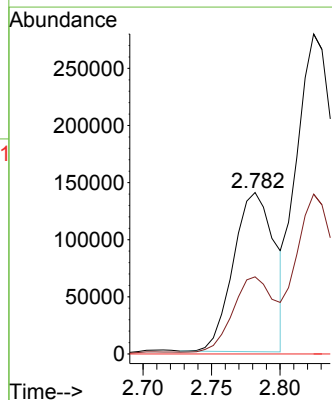
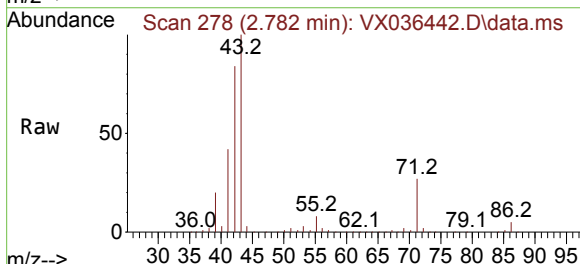
Tgt Ion: 41 Resp: 292961

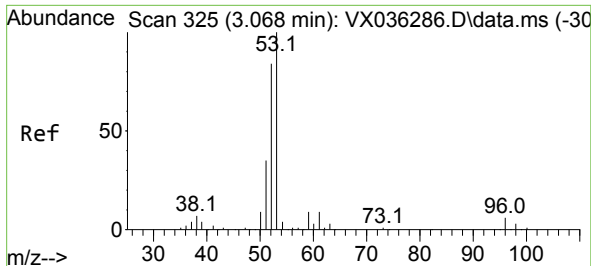
Ion Ratio Lower Upper

41 100

39 49.8 55.8 83.6#

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 35.845 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

MW-1

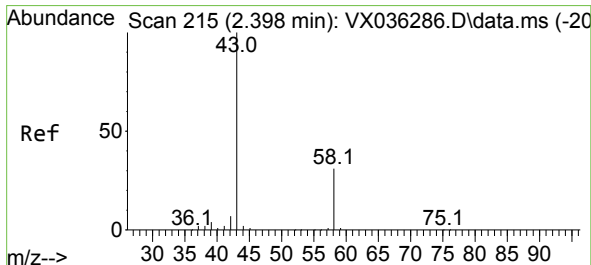
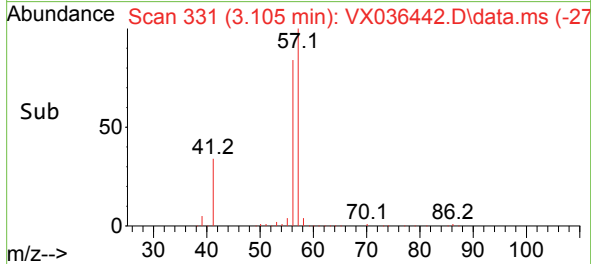
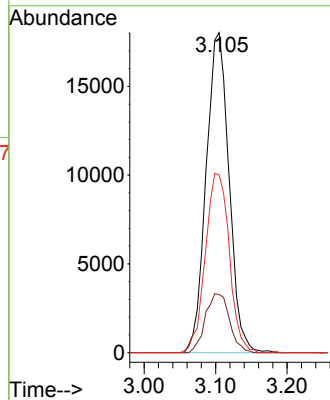
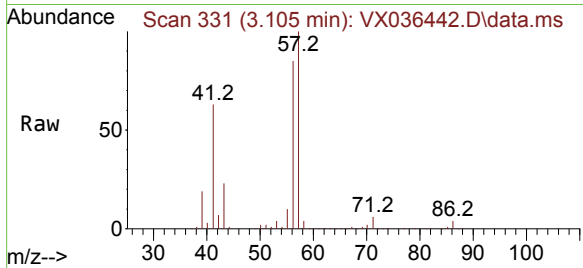
Tgt Ion: 53 Resp: 40079

Ion Ratio Lower Upper

53 100

52 19.4 66.0 99.0#

51 58.5 29.8 44.6#



#16

Acetone

Concen: 237.240 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.067 min

Lab File: VX036442.D

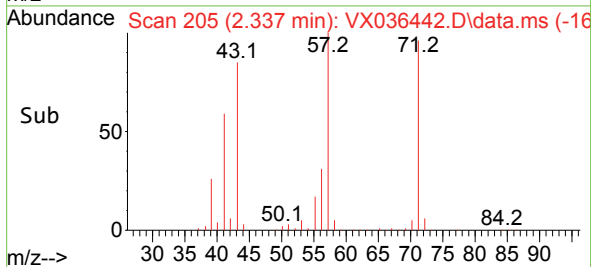
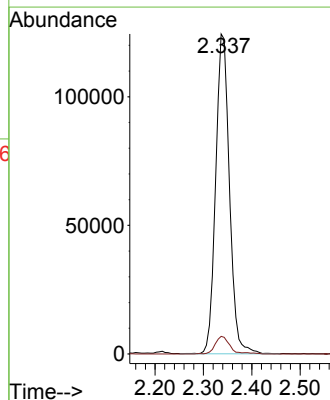
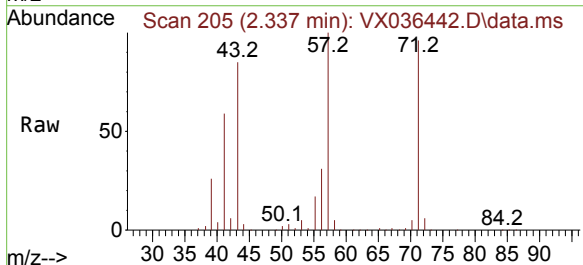
Acq: 06 Jul 2023 18:16

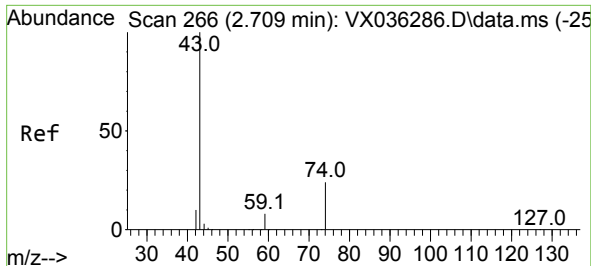
Tgt Ion: 43 Resp: 245736

Ion Ratio Lower Upper

43 100

58 5.5 21.9 32.9#

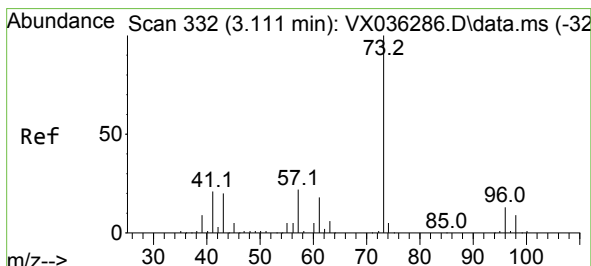
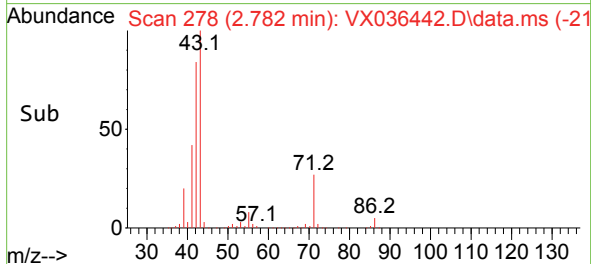
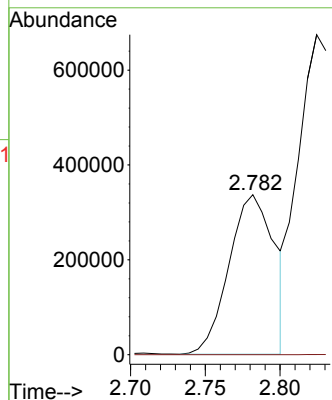
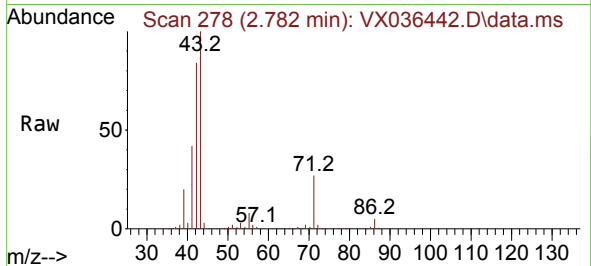




#18
Methyl Acetate
Concen: 166.540 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.073 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

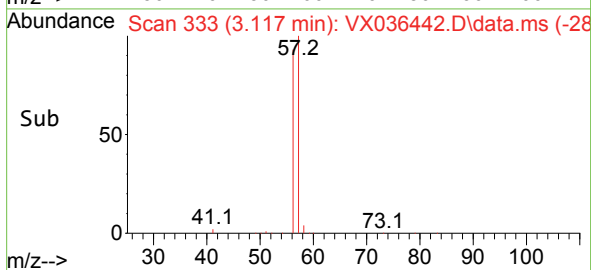
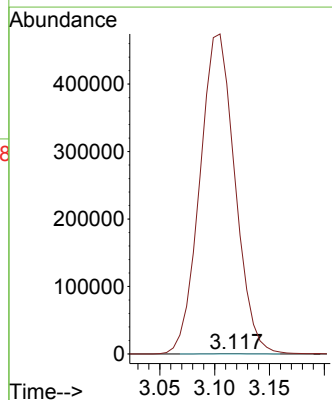
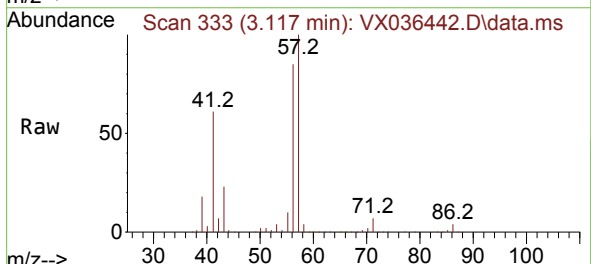
Instrument :
MSVOA_X
ClientSampleId :
MW-1

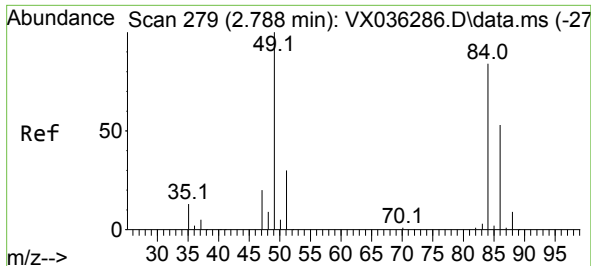
Tgt Ion: 43 Resp: 709376
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 0.229 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

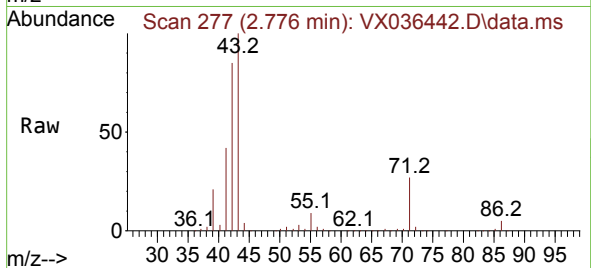
Tgt Ion: 73 Resp: 1424
Ion Ratio Lower Upper
73 100
57 51519.5 17.3 25.9#





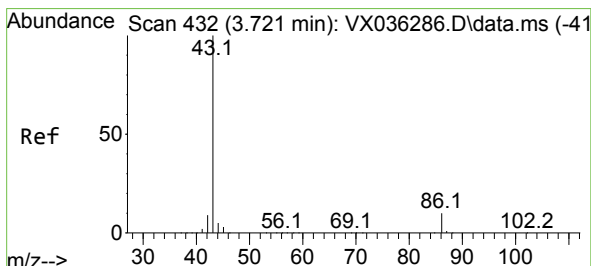
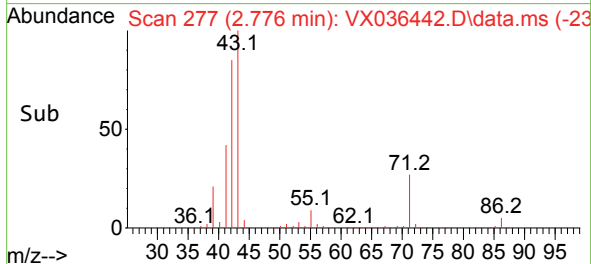
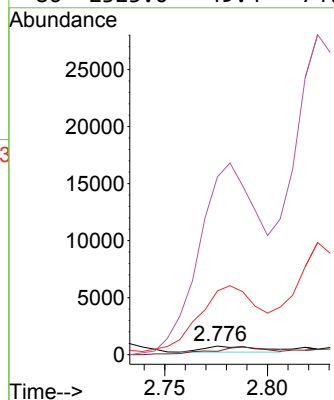
#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :
MW-1



Tgt Ion: 84 Resp: 972

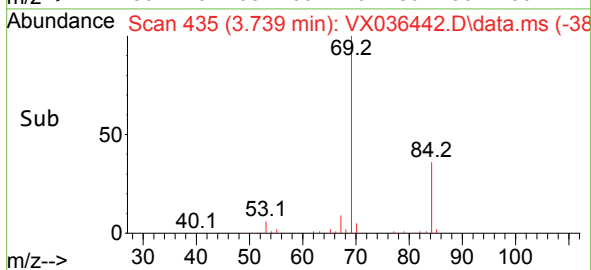
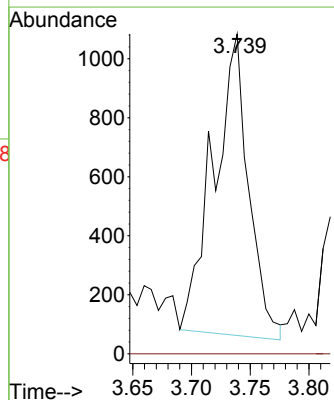
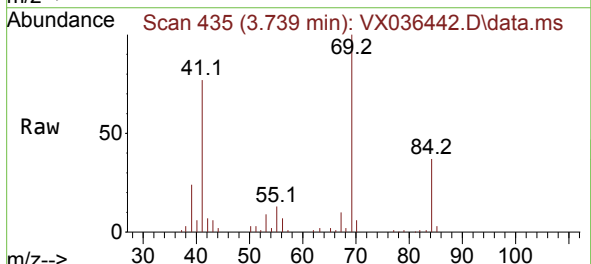
Ion	Ratio	Lower	Upper
84	100		
49	37.3	103.6	155.4#
51	812.7	33.8	50.6#
86	2323.0	49.4	74.0#

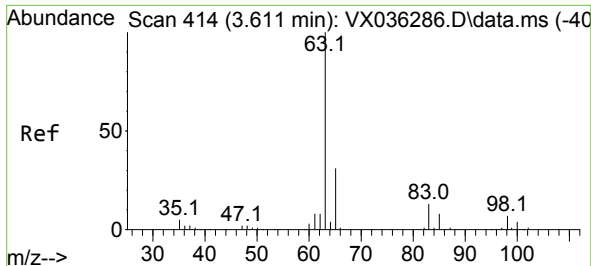


#23
Vinyl Acetate
Concen: 0.465 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 43 Resp: 2112

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#

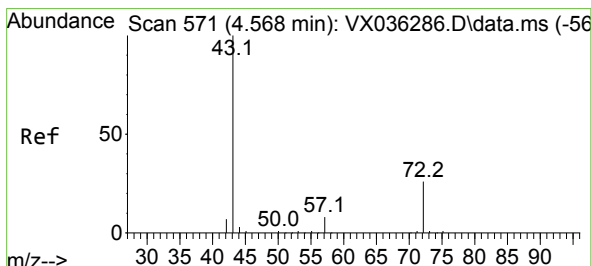
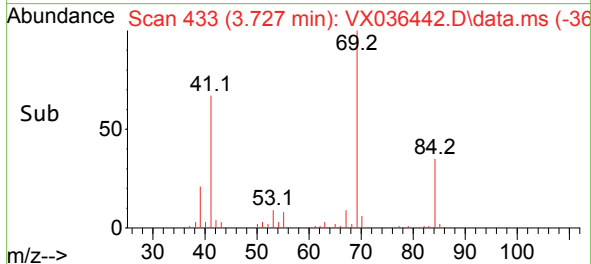
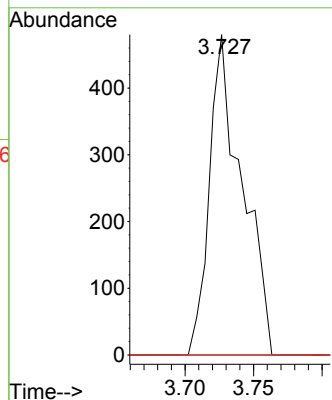
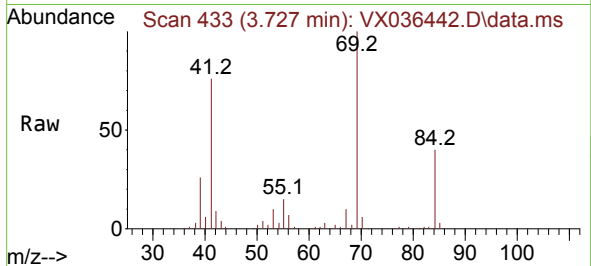




#24
1,1-Dichloroethane
Concen: 0.216 ug/l
RT: 3.727 min Scan# 41
Delta R.T. 0.116 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

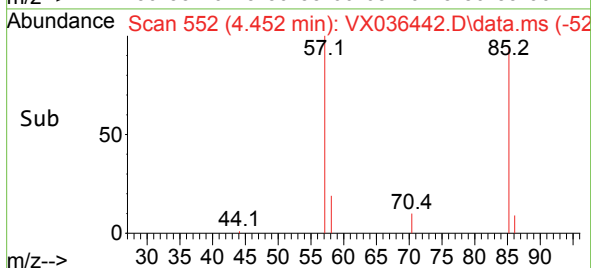
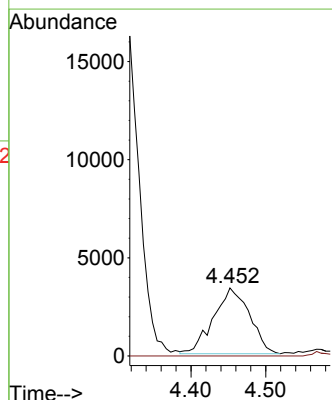
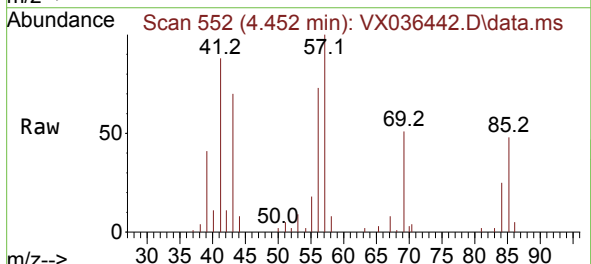
Instrument :
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ClientSampleId :
MW-1

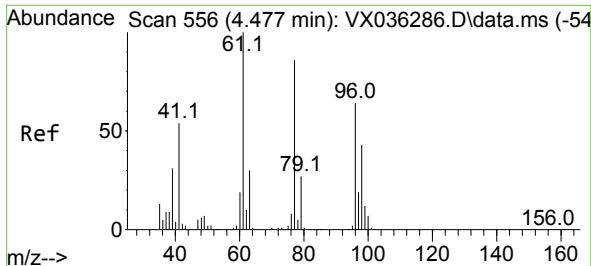
Tgt Ion: 63 Resp: 796
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#25
2-Butanone
Concen: 7.535 ug/l
RT: 4.452 min Scan# 552
Delta R.T. -0.116 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 43 Resp: 11214
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 1.917 ug/l

RT: 4.306 min Scan# 51

Delta R.T. -0.171 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

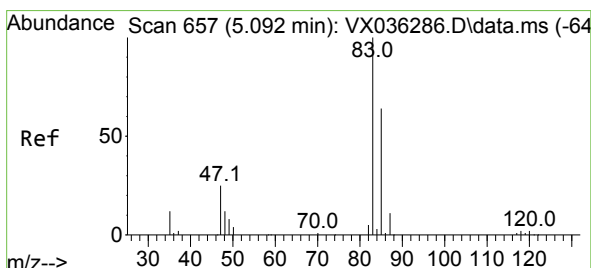
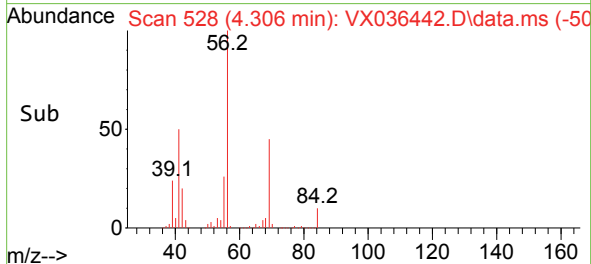
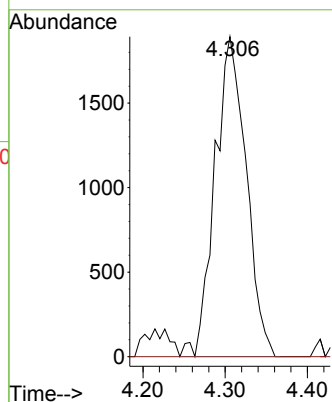
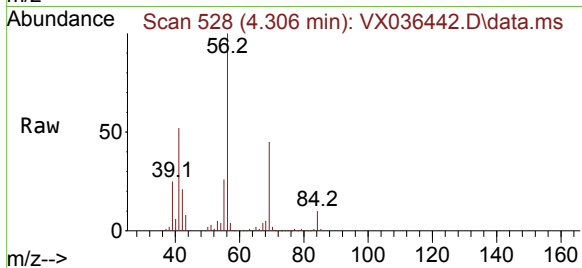
MW-1

Tgt Ion: 77 Resp: 5013

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#30

Chloroform

Concen: 0.250 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.013 min

Lab File: VX036442.D

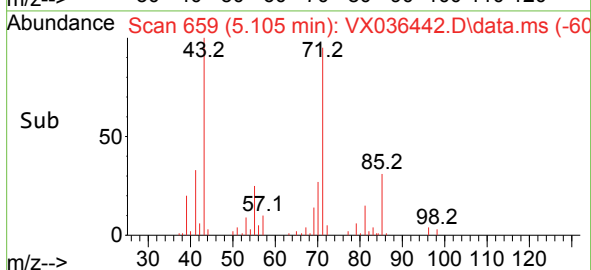
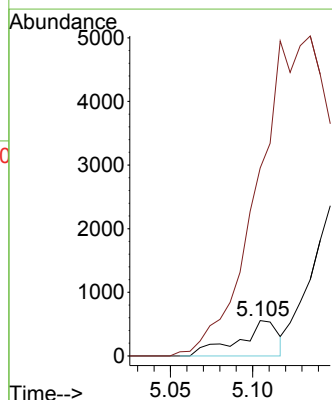
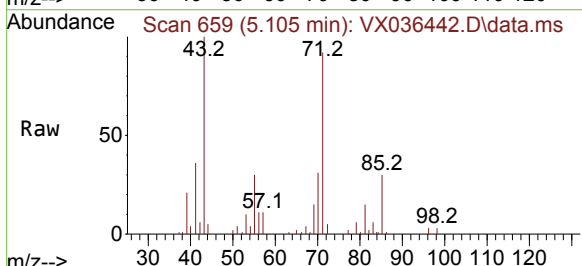
Acq: 06 Jul 2023 18:16

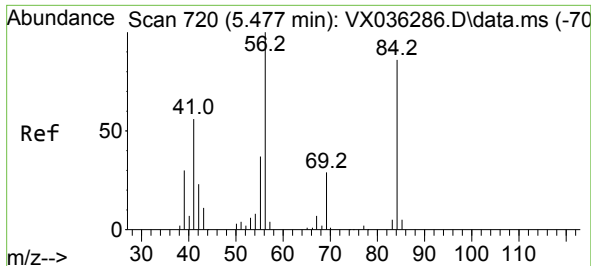
Tgt Ion: 83 Resp: 928

Ion Ratio Lower Upper

83 100

85 519.4 50.3 75.5#

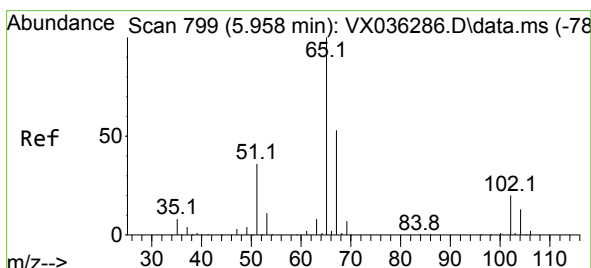
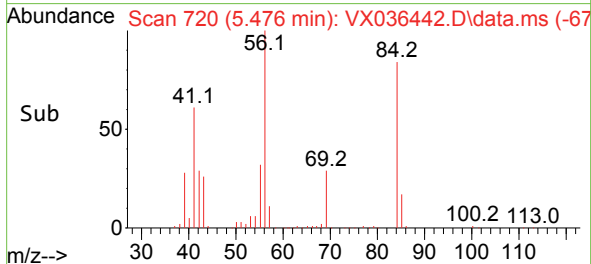
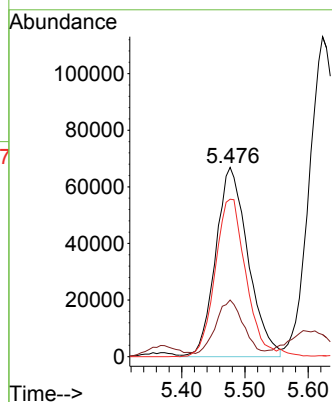
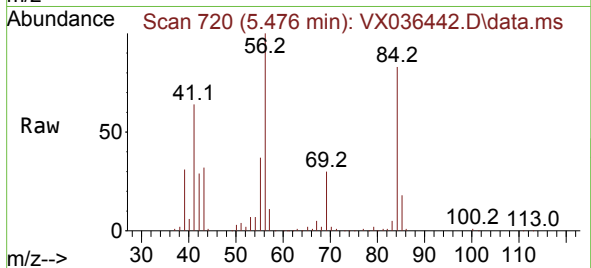




#31
Cyclohexane
Concen: 76.426 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

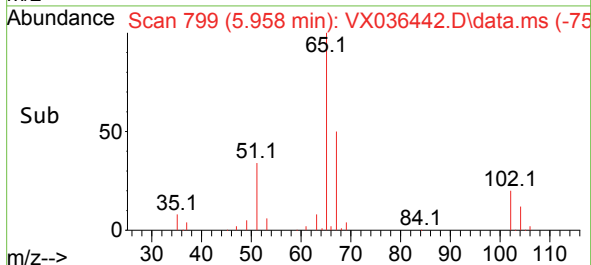
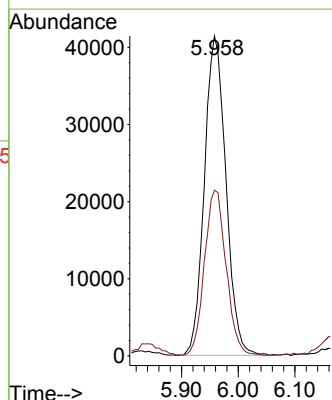
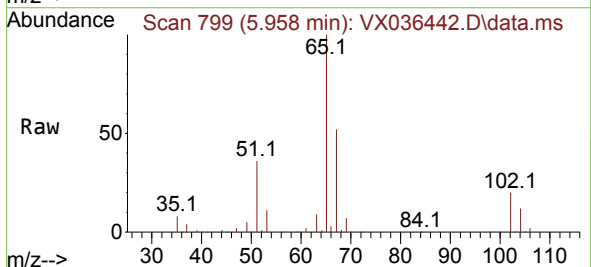
Instrument :
MSVOA_X
ClientSampleId :
MW-1

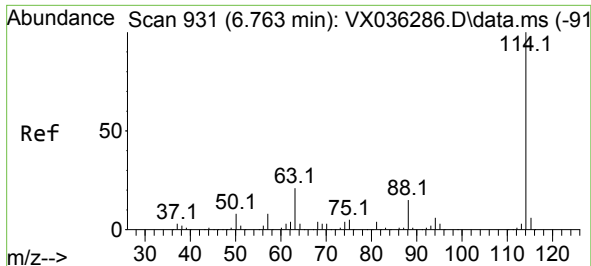
Tgt Ion: 56 Resp: 237341
Ion Ratio Lower Upper
56 100
69 26.7 23.4 35.2
84 83.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.154 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 65 Resp: 109425
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

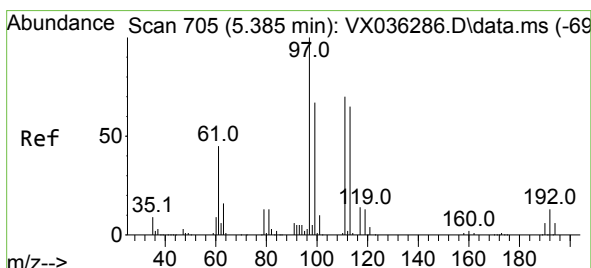
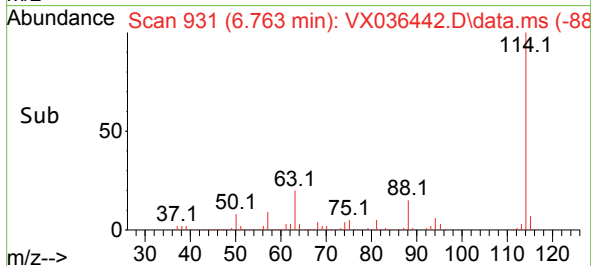
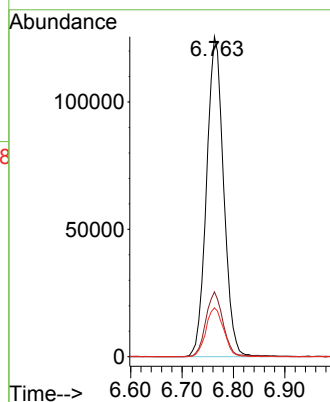
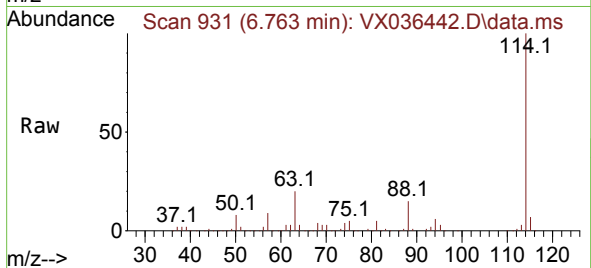




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

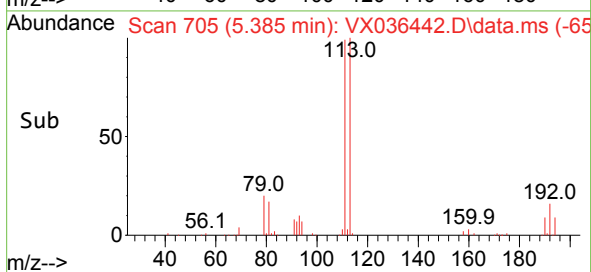
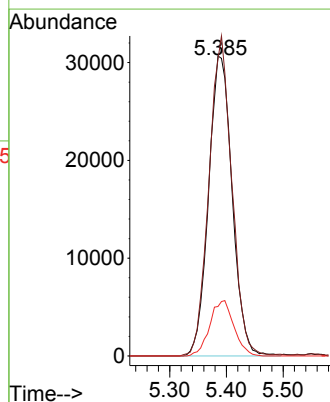
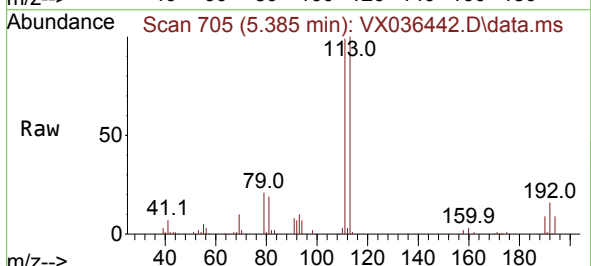
Instrument :
MSVOA_X
ClientSampleId :
MW-1

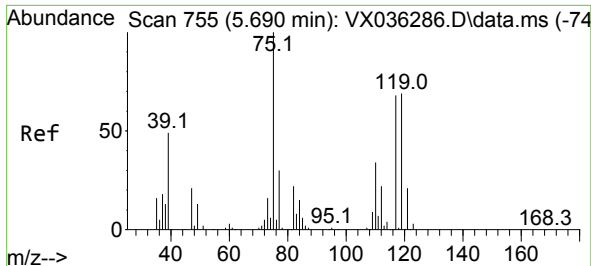
Tgt Ion:114 Resp: 289596
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.470 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion:113 Resp: 88736
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.9 13.3 19.9

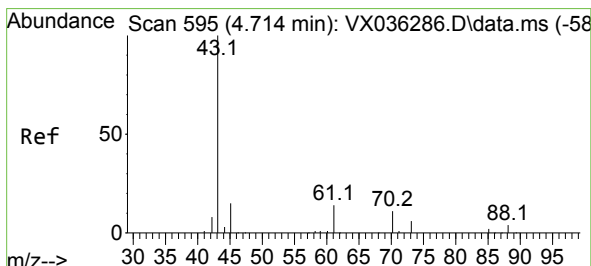
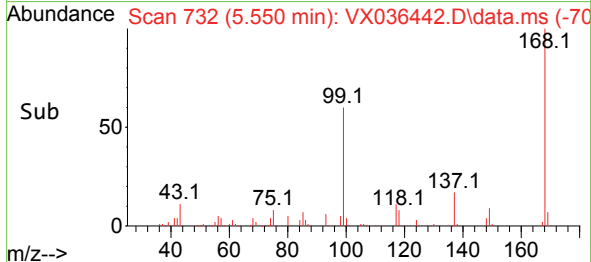
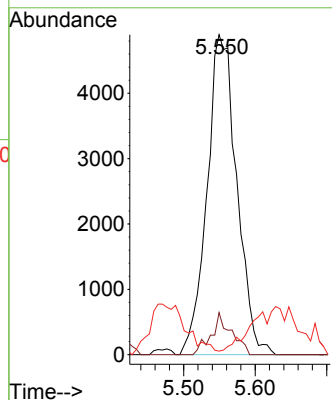
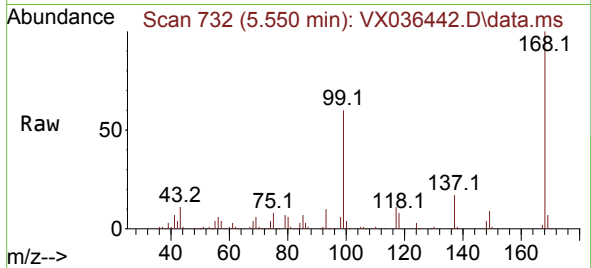




#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

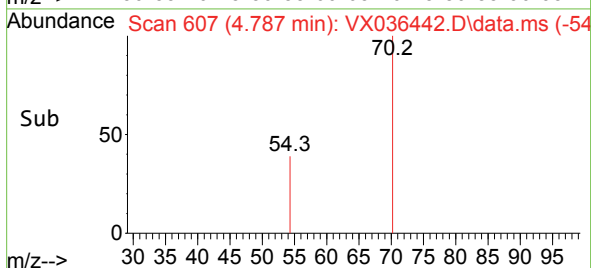
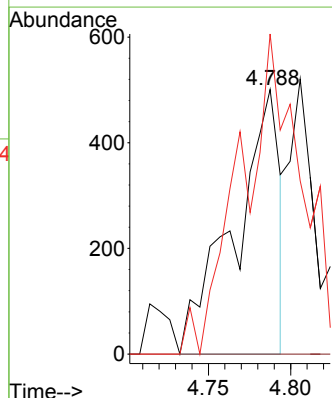
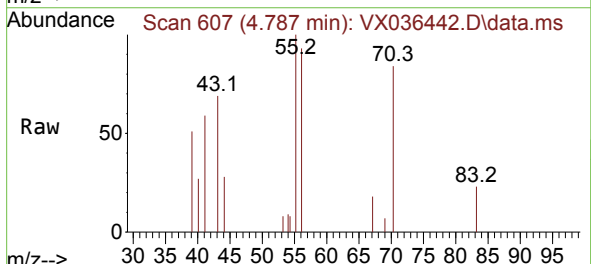
Instrument :
MSVOA_X
ClientSampleId :
MW-1

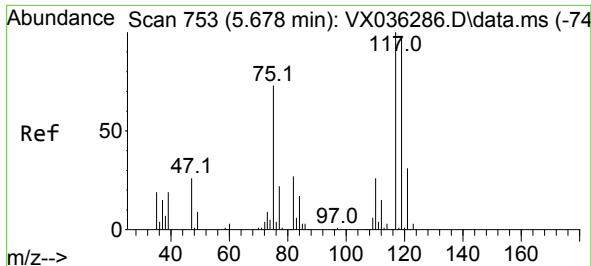
Tgt Ion: 75 Resp: 14130
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.330 ug/l
RT: 4.787 min Scan# 607
Delta R.T. 0.073 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 163.6 8.3 12.5#

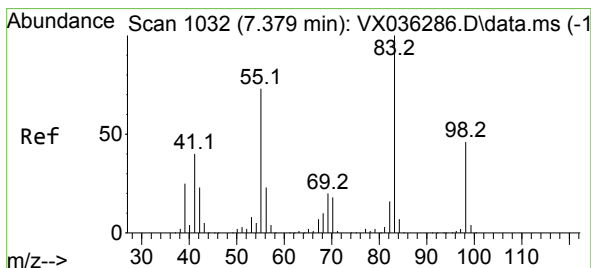
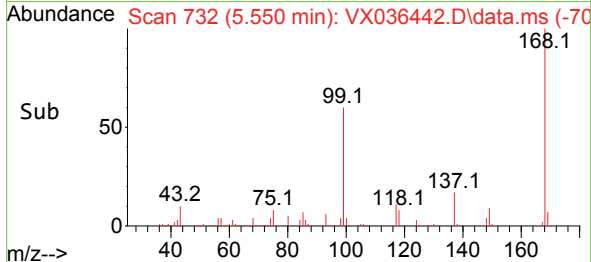
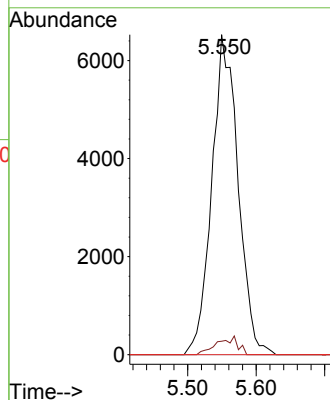
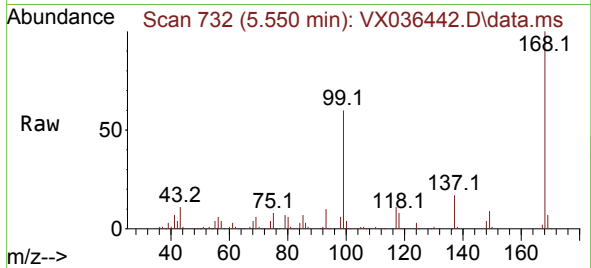




#38
Carbon Tetrachloride
Concen: 6.671 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

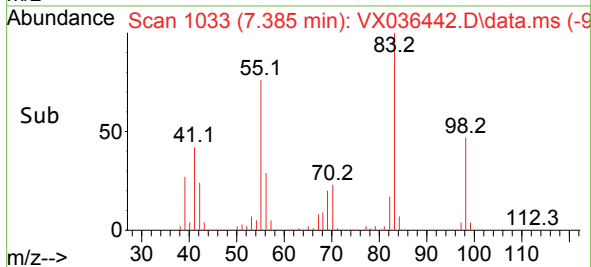
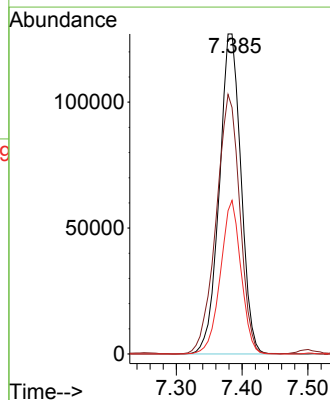
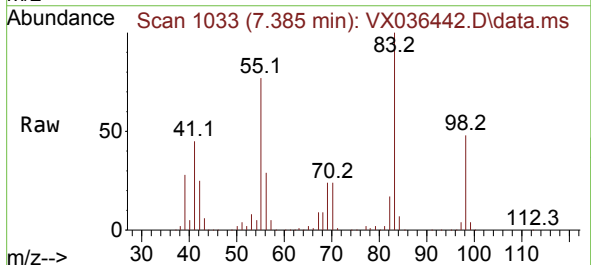
Instrument :
MSVOA_X
ClientSampleId :
MW-1

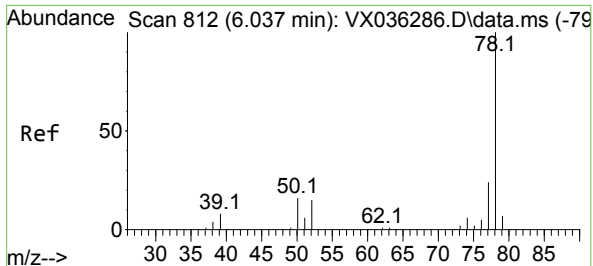
Tgt Ion:117 Resp: 17343
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 85.332 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 83 Resp: 290918
Ion Ratio Lower Upper
83 100
55 76.9 64.6 97.0
98 48.0 36.7 55.1





#40

Benzene

Concen: 1.329 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

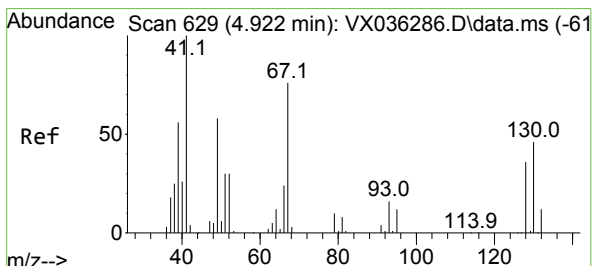
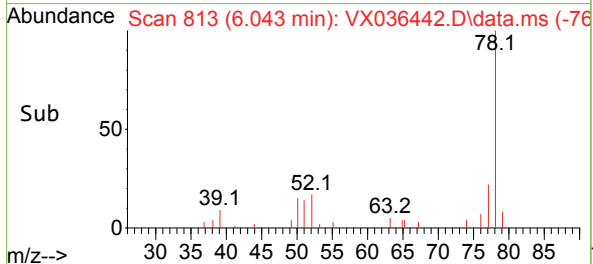
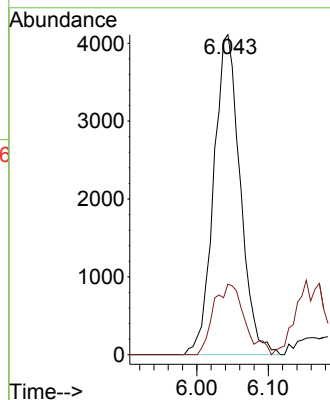
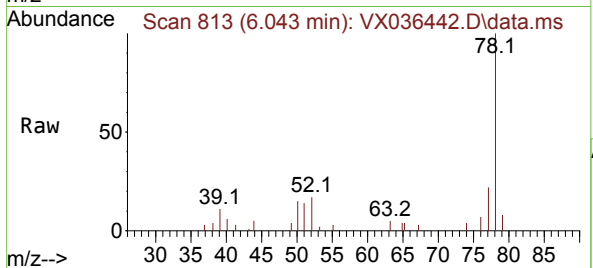
MW-1

Tgt Ion: 78 Resp: 10567

Ion Ratio Lower Upper

78 100

77 22.1 19.3 28.9



#41

Methacrylonitrile

Concen: 0.618 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.025 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Tgt Ion: 41 Resp: 994

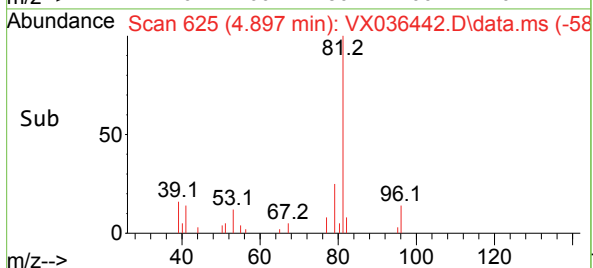
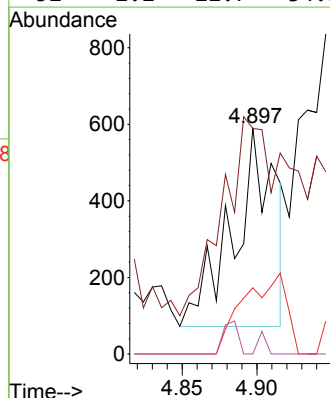
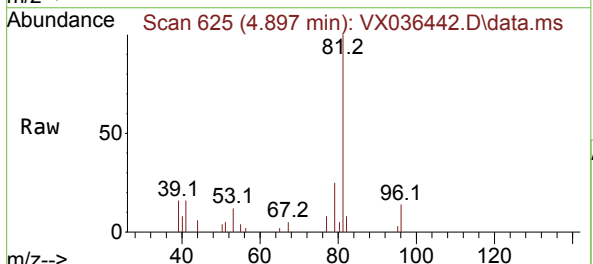
Ion Ratio Lower Upper

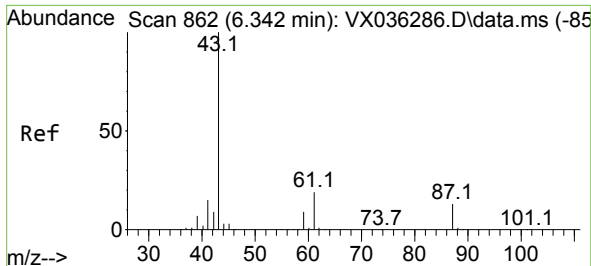
41 100

39 109.1 45.2 67.8#

67 0.0 52.6 78.8#

52 2.2 22.7 34.1#

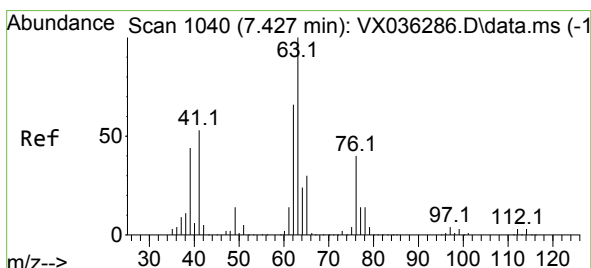
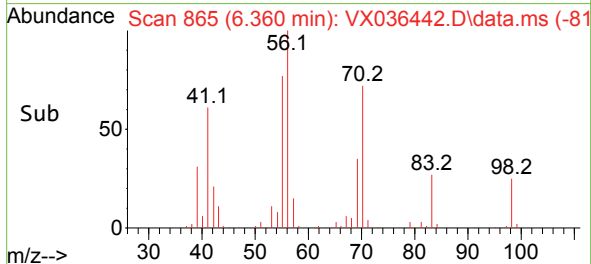
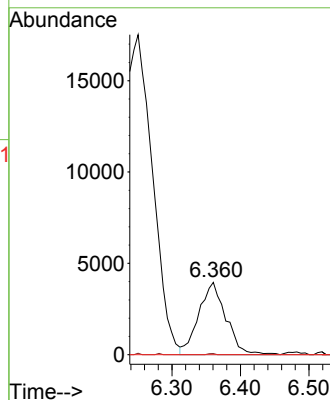
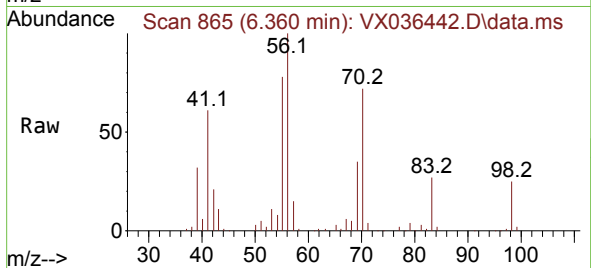




#43
Isopropyl Acetate
Concen: 2.357 ug/l
RT: 6.360 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

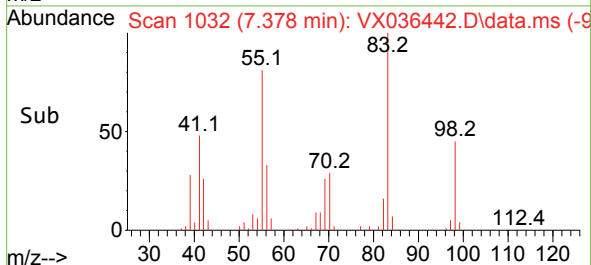
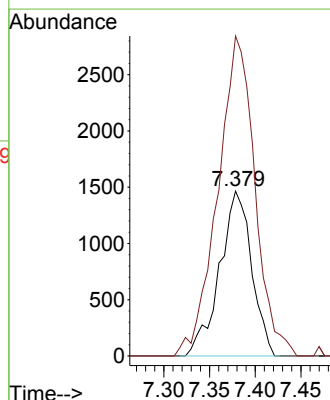
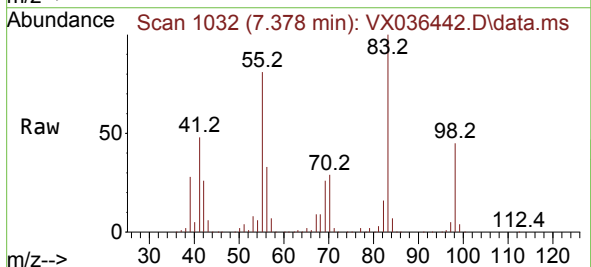
Instrument :
MSVOA_X
ClientSampleId :
MW-1

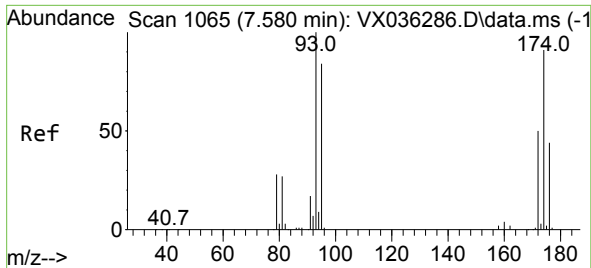
Tgt Ion: 43 Resp: 10906
Ion Ratio Lower Upper
43 100
61 0.4 15.2 22.8#
87 0.0 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 1.647 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.054 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 63 Resp: 3567
Ion Ratio Lower Upper
63 100
65 189.1 24.3 36.5#

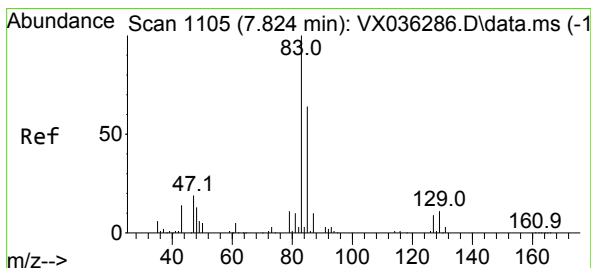
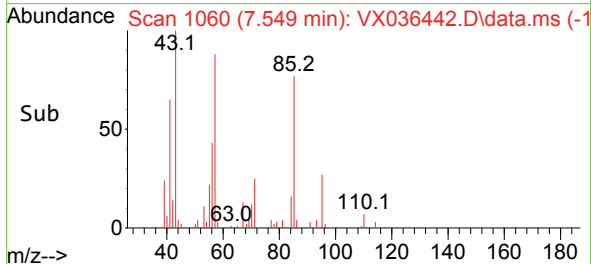
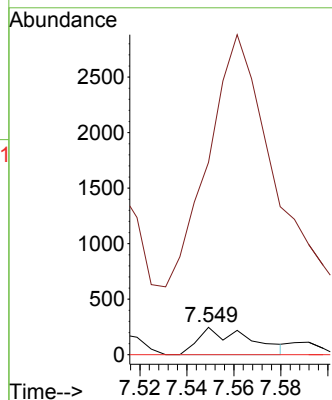
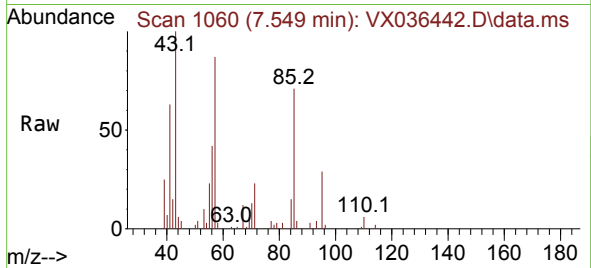




#46
Dibromomethane
Concen: 0.244 ug/l
RT: 7.549 min Scan# 1060
Delta R.T. -0.031 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

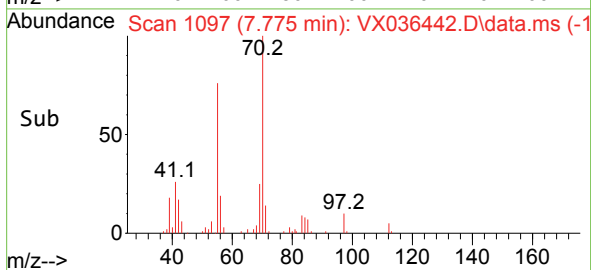
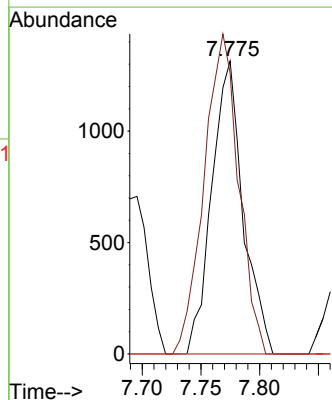
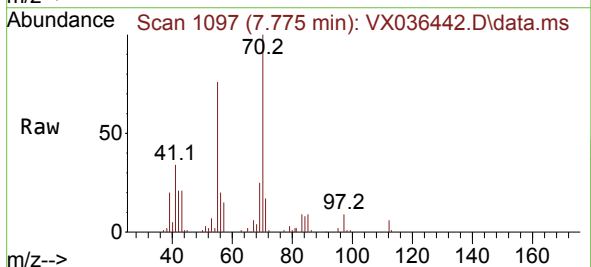
Instrument :
MSVOA_X
ClientSampleId :
MW-1

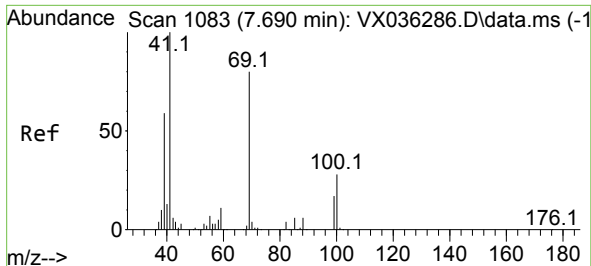
Tgt Ion: 93 Resp: 372
Ion Ratio Lower Upper
93 100
95 1958.6 66.6 100.0#
174 0.0 69.4 104.0#



#47
Bromodichloromethane
Concen: 0.884 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. -0.048 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 83 Resp: 2438
Ion Ratio Lower Upper
83 100
85 95.9 49.8 74.6#
127 0.0 7.1 10.7#

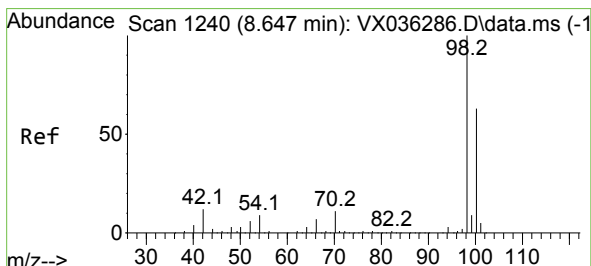
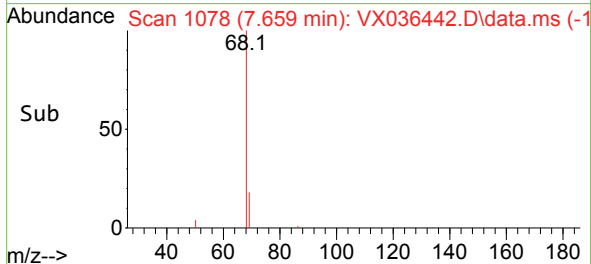
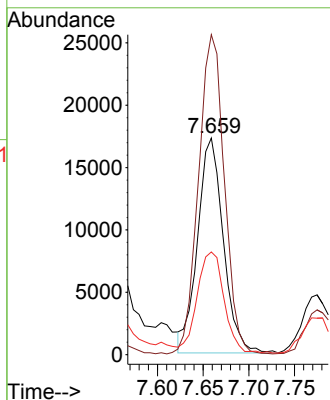
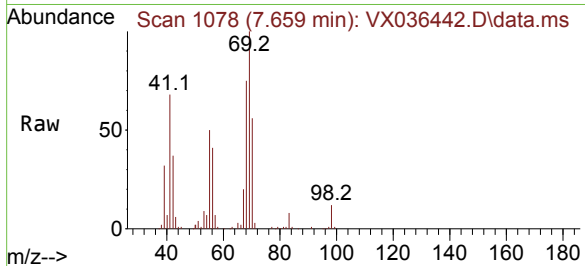




#48
Methyl methacrylate
Concen: 14.637 ug/l
RT: 7.659 min Scan# 1083
Delta R.T. -0.030 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

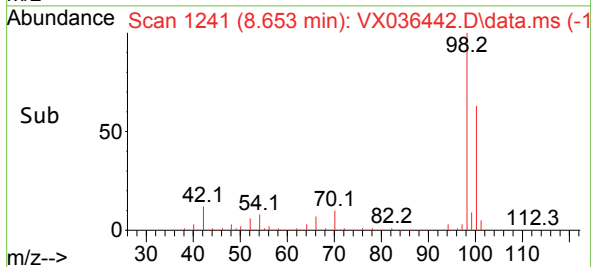
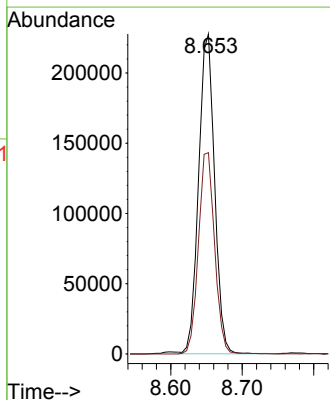
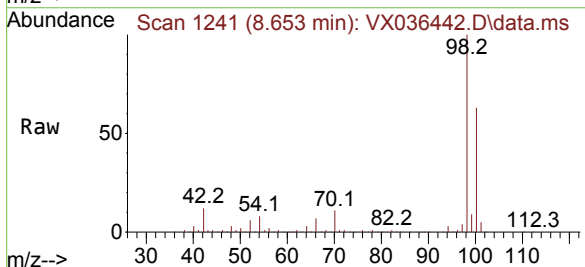
Instrument :
MSVOA_X
ClientSampleId :
MW-1

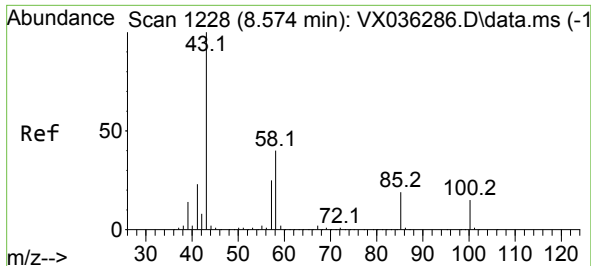
Tgt Ion: 41 Resp: 33775
Ion Ratio Lower Upper
41 100
69 149.2 59.2 88.8#
39 48.9 47.7 71.5



#50
Toluene-d8
Concen: 49.457 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 98 Resp: 352731
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

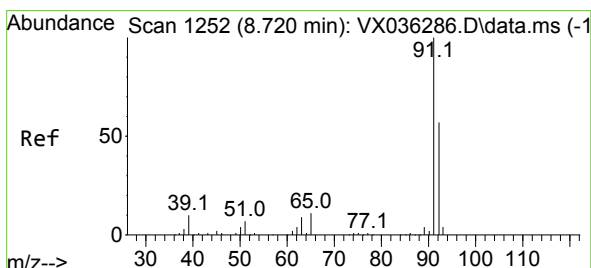
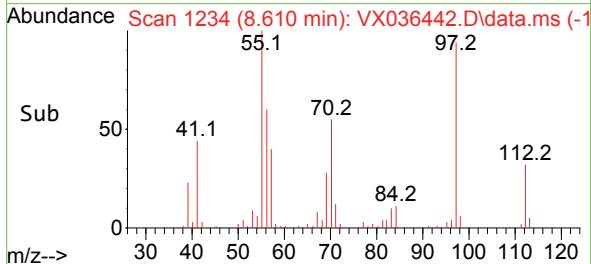
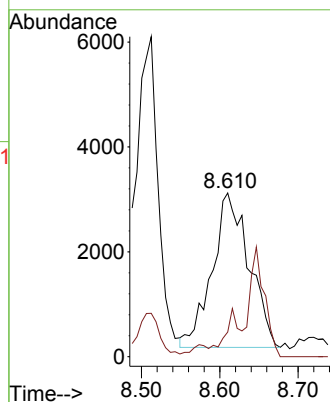
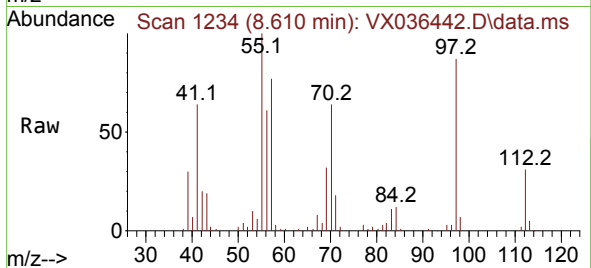




#51
4-Methyl-2-Pentanone
Concen: 3.236 ug/l
RT: 8.610 min Scan# 1234
Delta R.T. 0.037 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

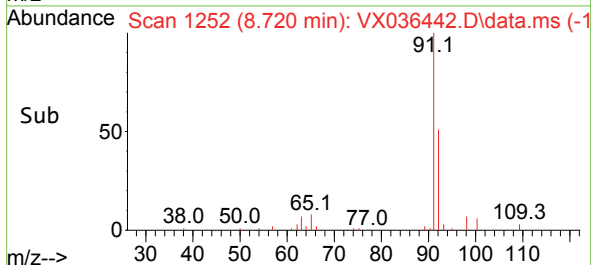
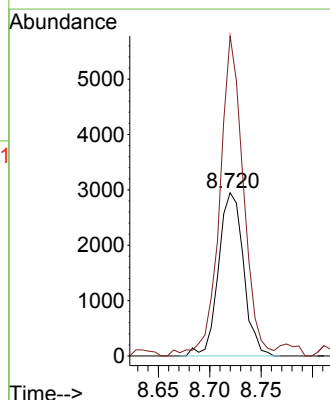
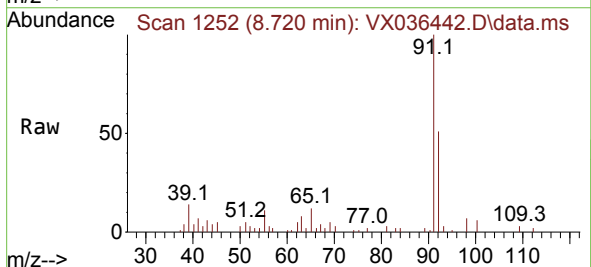
Instrument :
MSVOA_X
ClientSampleId :
MW-1

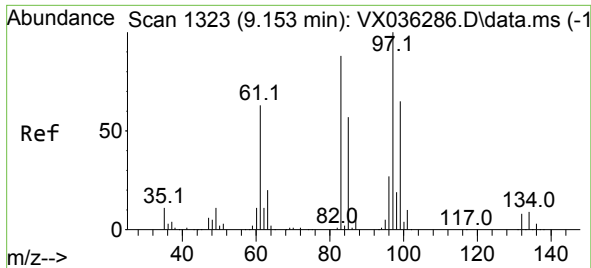
Tgt Ion: 43 Resp: 9648
Ion Ratio Lower Upper
43 100
58 12.0 30.4 45.6#



#52
Toluene
Concen: 0.990 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 92 Resp: 4987
Ion Ratio Lower Upper
92 100
91 185.6 134.2 201.2

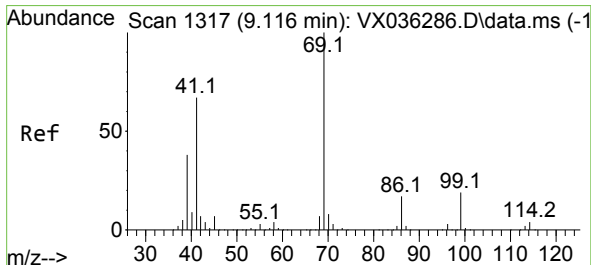
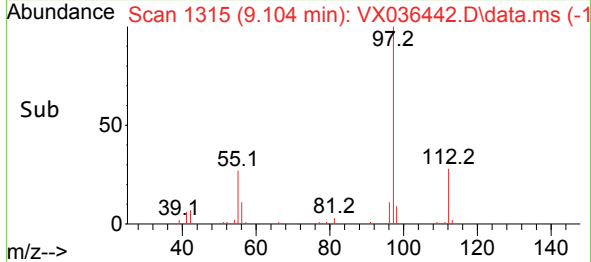
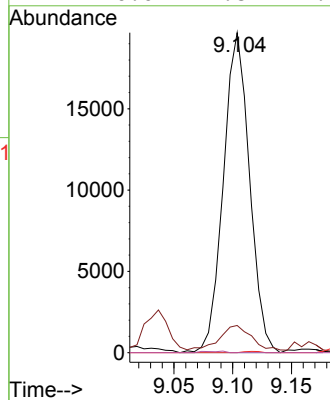
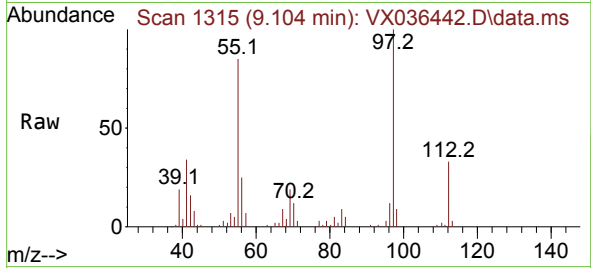




#55
1,1,2-Trichloroethane
Concen: 14.559 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.048 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

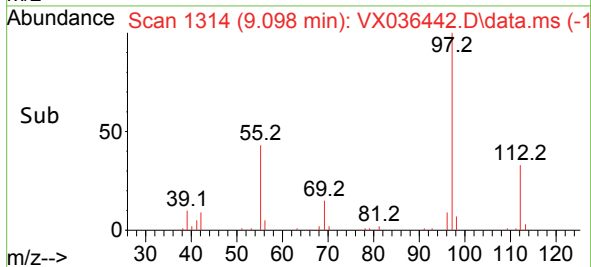
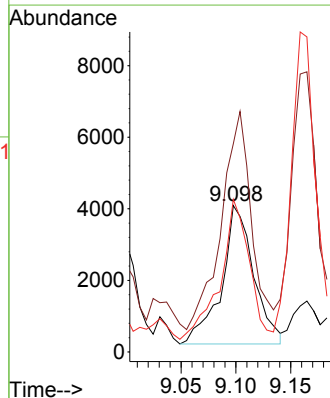
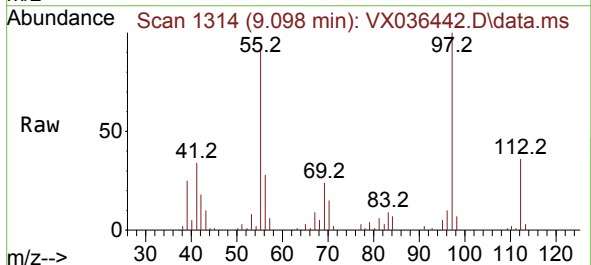
Instrument :
MSVOA_X
ClientSampleId :
MW-1

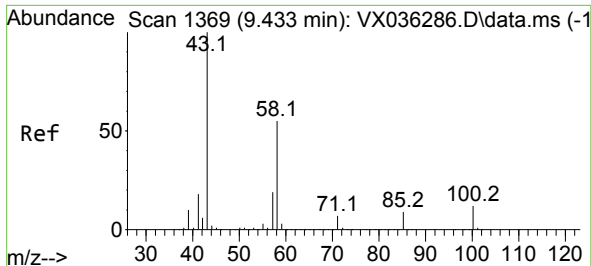
Tgt Ion:	97	Resp:	30489
Ion	Ratio	Lower	Upper
97	100		
83	7.7	65.8	98.8#
85	0.0	41.6	62.4#
99	0.0	47.8	71.8#



#56
Ethyl methacrylate
Concen: 2.519 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion:	69	Resp:	7892
Ion	Ratio	Lower	Upper
69	100		
41	146.8	56.8	85.2#
39	93.2	32.0	48.0#





#59

2-Hexanone

Concen: 1.809 ug/l

RT: 9.567 min Scan# 1391

Delta R.T. 0.134 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

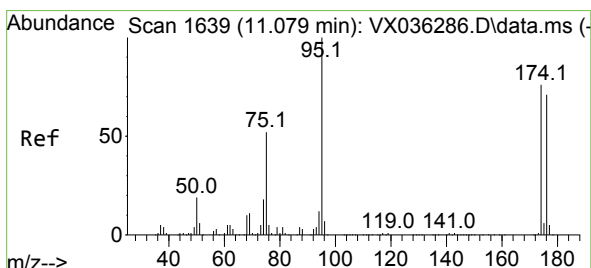
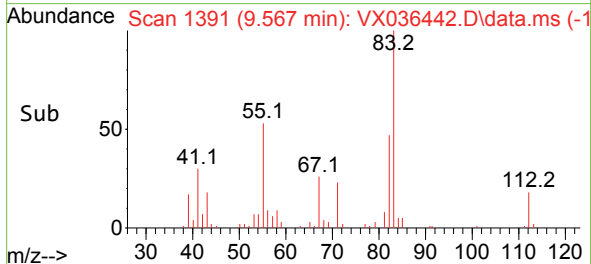
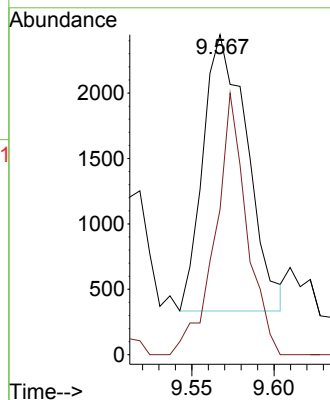
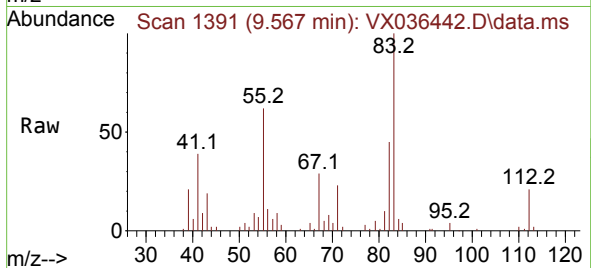
MW-1

Tgt Ion: 43 Resp: 3938

Ion Ratio Lower Upper

43 100

58 67.1 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 53.002 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

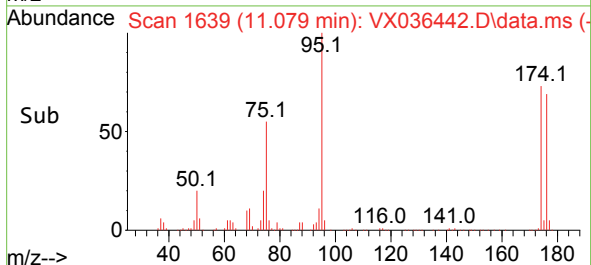
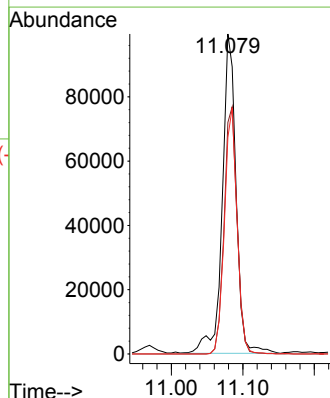
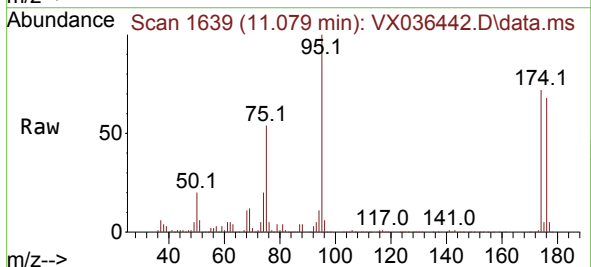
Tgt Ion: 95 Resp: 133149

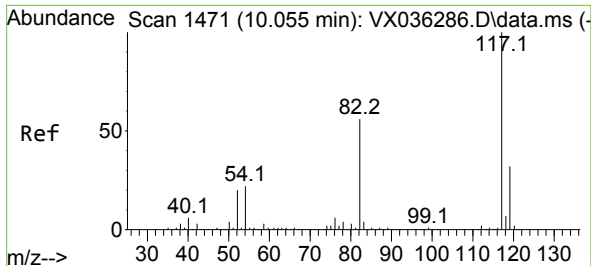
Ion Ratio Lower Upper

95 100

174 72.7 0.0 135.6

176 70.7 0.0 131.0

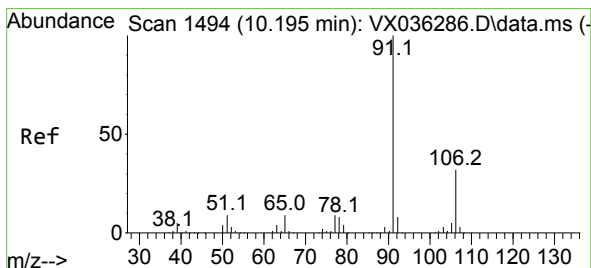
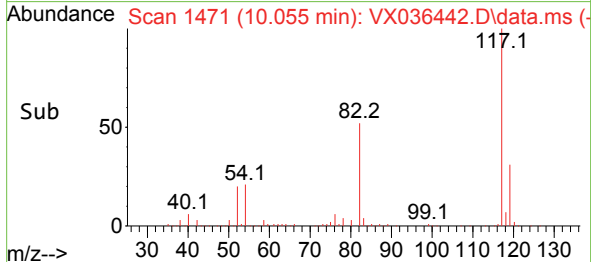
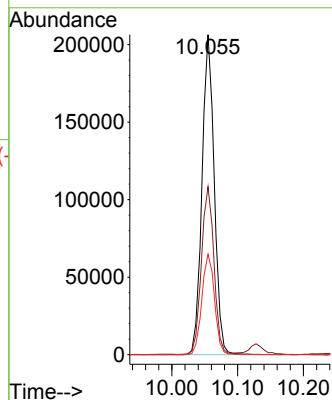
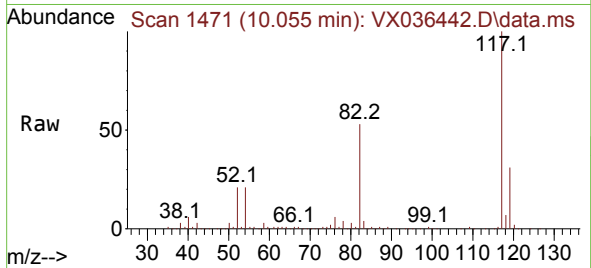




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

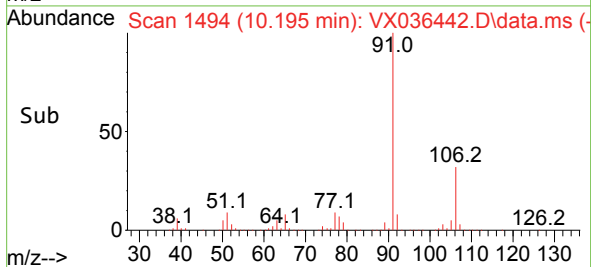
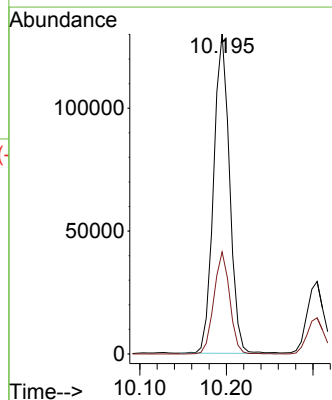
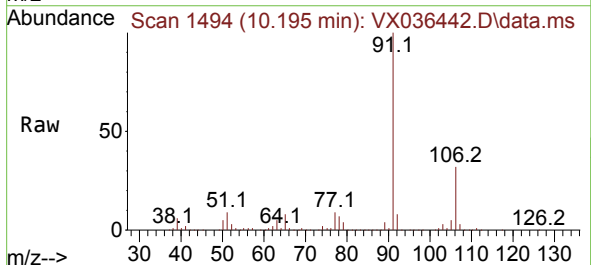
Instrument :
MSVOA_X
ClientSampleId :
MW-1

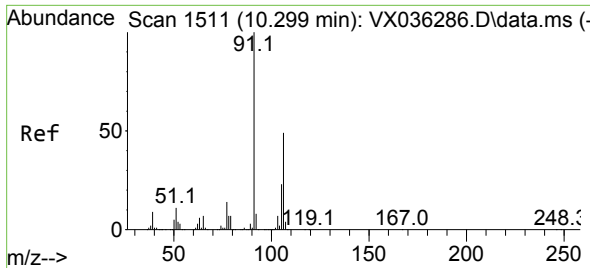
Tgt Ion:117 Resp: 266293
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 31.4 25.5 38.3



#67
Ethyl Benzene
Concen: 16.729 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 91 Resp: 166488
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

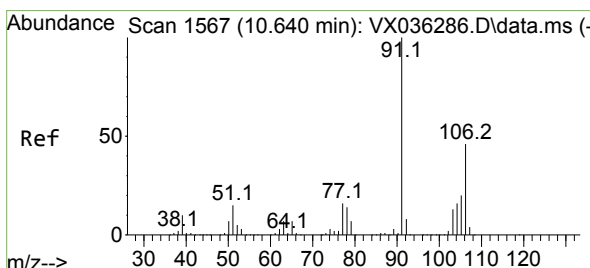
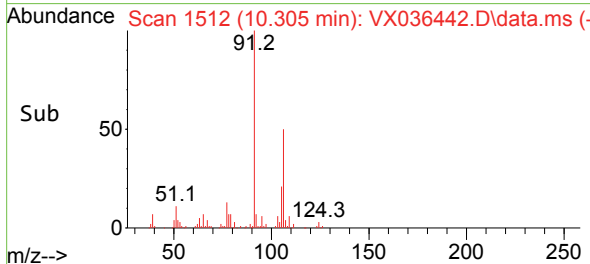
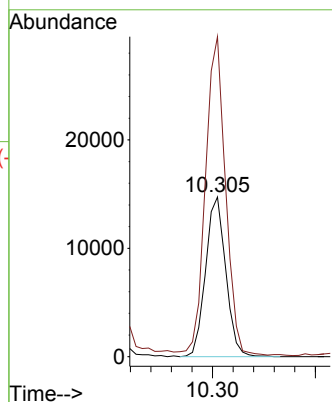
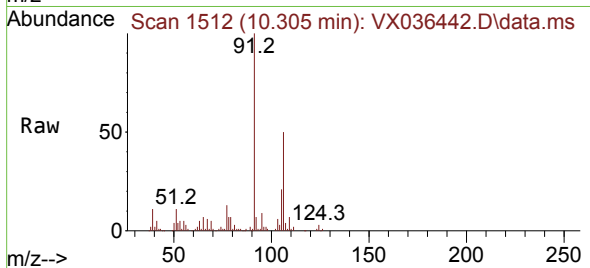




#68
m/p-Xylenes
Concen: 5.204 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

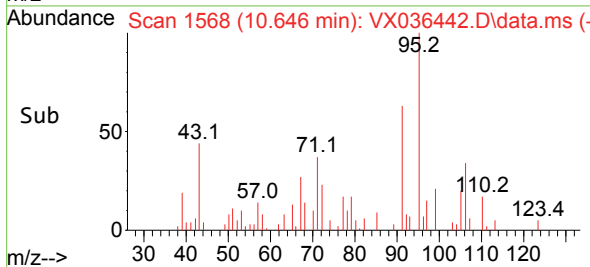
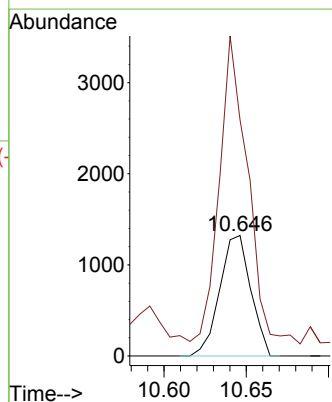
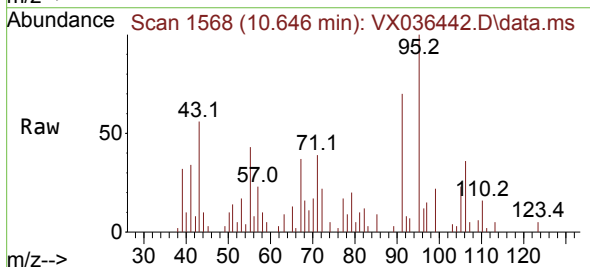
Instrument :
MSVOA_X
ClientSampleId :
MW-1

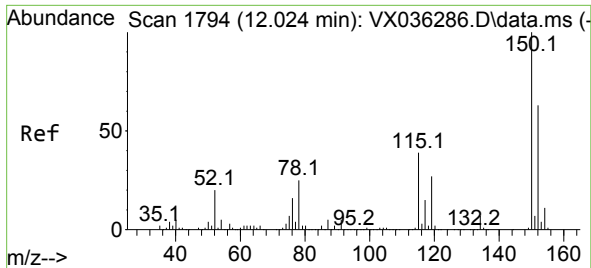
Tgt Ion:106 Resp: 20120
Ion Ratio Lower Upper
106 100
91 199.8 165.5 248.3



#69
o-Xylene
Concen: 0.466 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion:106 Resp: 1739
Ion Ratio Lower Upper
106 100
91 239.2 108.9 326.8

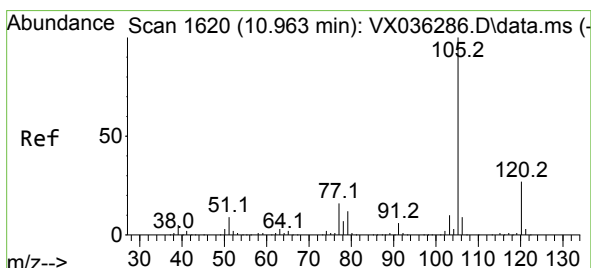
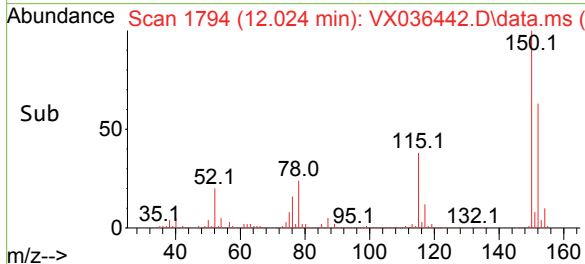
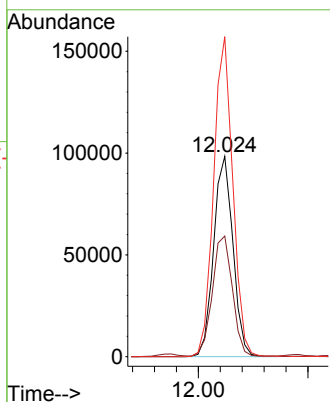
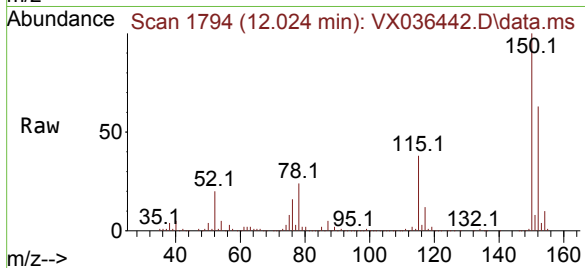




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036442.D
 Acq: 06 Jul 2023 18:16

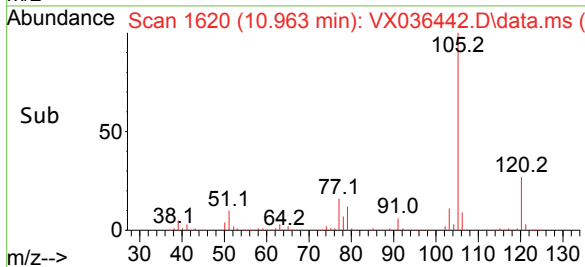
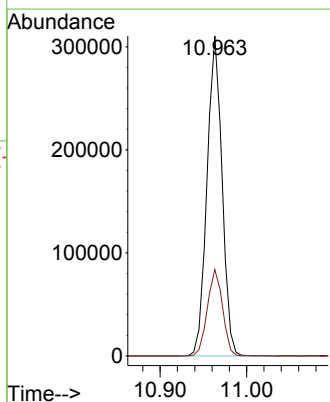
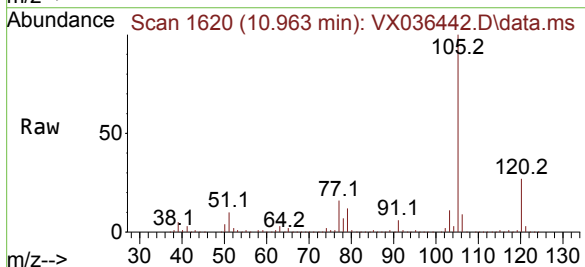
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

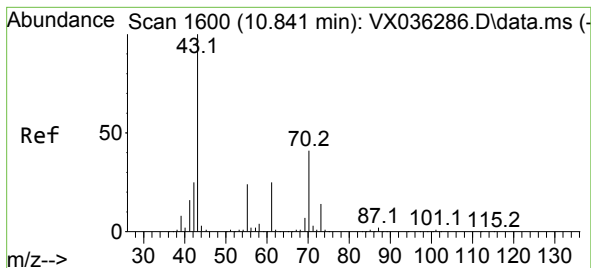
Tgt Ion:152 Resp: 120551
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.3 129.9
 150 158.4 0.0 345.0



#73
 Isopropylbenzene
 Concen: 41.214 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX036442.D
 Acq: 06 Jul 2023 18:16

Tgt Ion:105 Resp: 374422
 Ion Ratio Lower Upper
 105 100
 120 27.3 12.9 38.6





#74

N-amy1 acetate

Concen: 0.496 ug/l

RT: 10.841 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

MW-1

Tgt Ion: 43 Resp: 1784

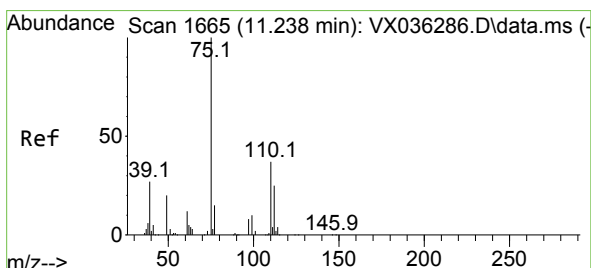
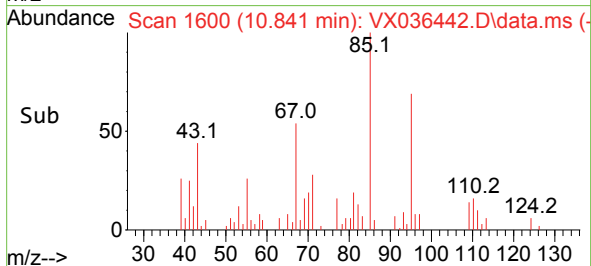
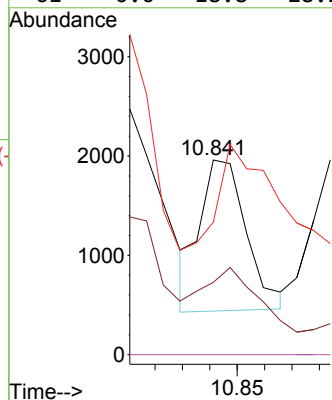
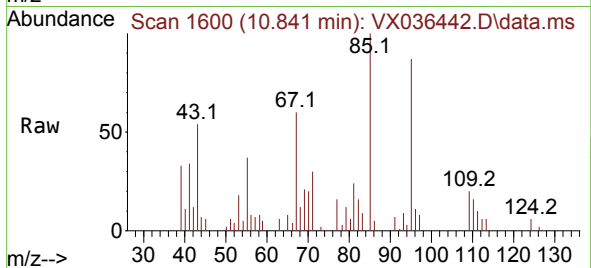
Ion Ratio Lower Upper

43 100

70 110.6 32.9 49.3#

55 288.6 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 3.132 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX036442.D

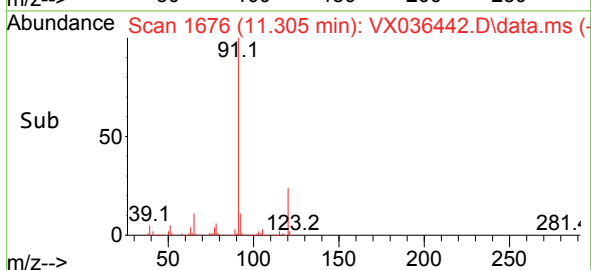
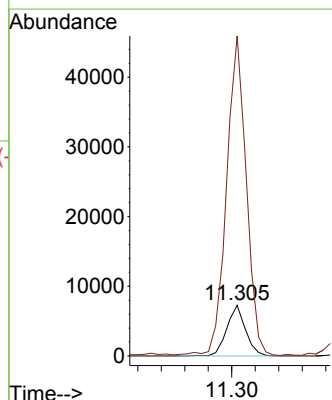
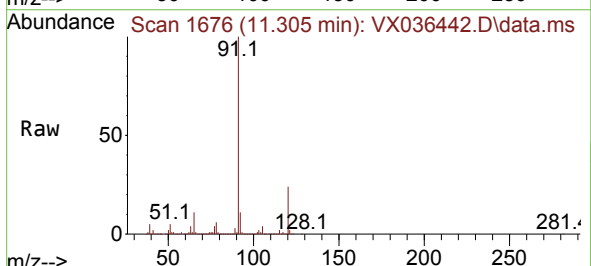
Acq: 06 Jul 2023 18:16

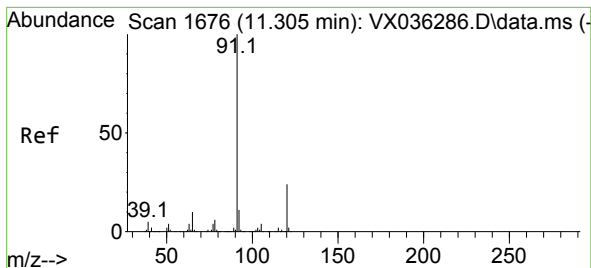
Tgt Ion: 75 Resp: 8054

Ion Ratio Lower Upper

75 100

77 664.8 19.1 57.5#





#78

n-propylbenzene

Concen: 120.527 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

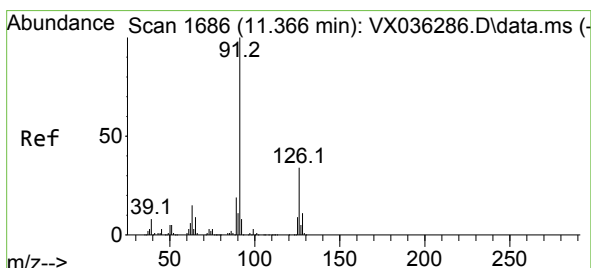
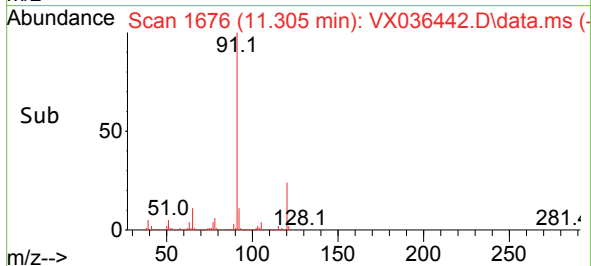
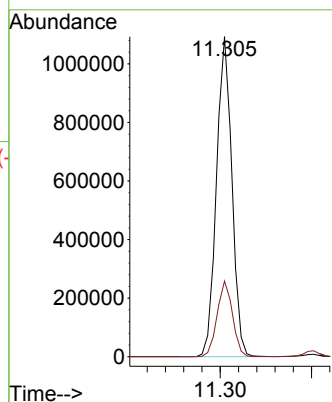
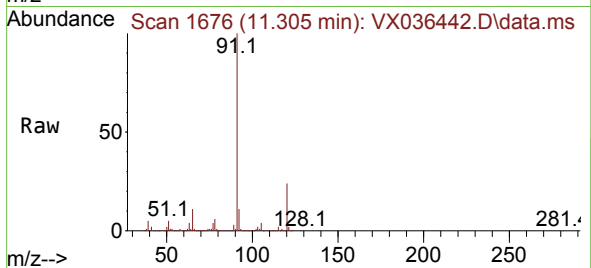
MW-1

Tgt Ion: 91 Resp: 1278778

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4



#79

2-Chlorotoluene

Concen: 202.609 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.061 min

Lab File: VX036442.D

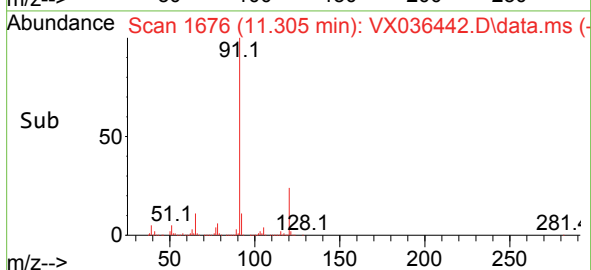
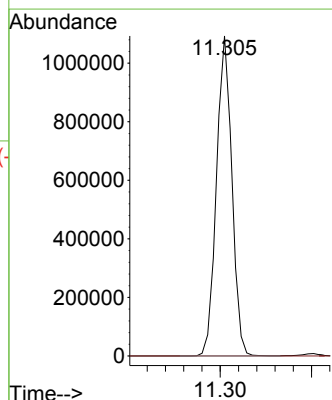
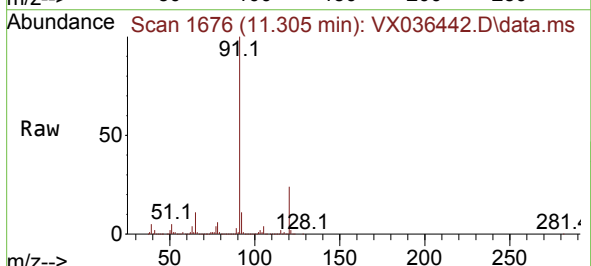
Acq: 06 Jul 2023 18:16

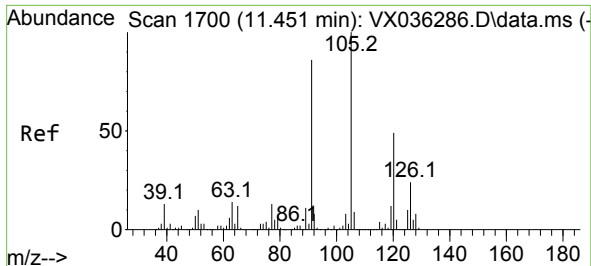
Tgt Ion: 91 Resp: 1278778

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#

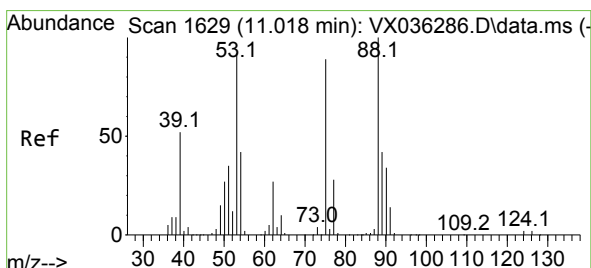
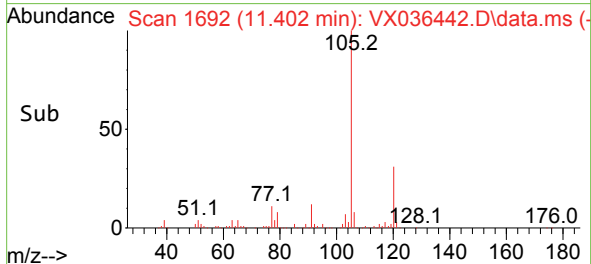
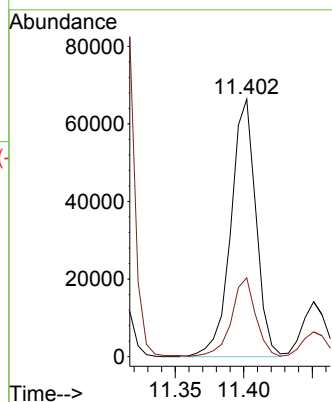
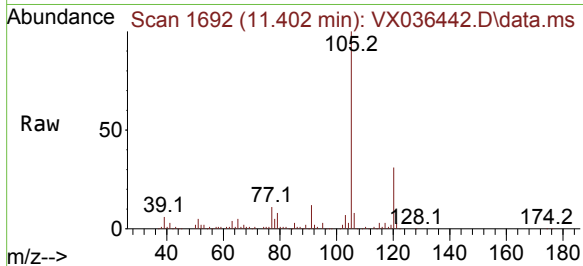




#80
1,3,5-Trimethylbenzene
Concen: 11.013 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. -0.049 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

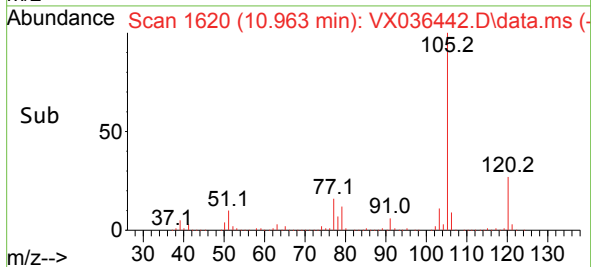
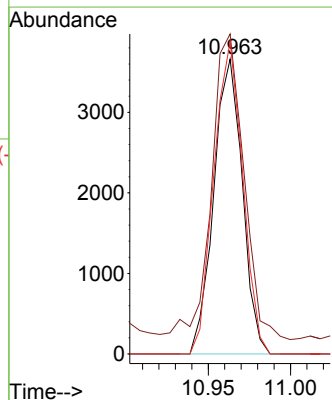
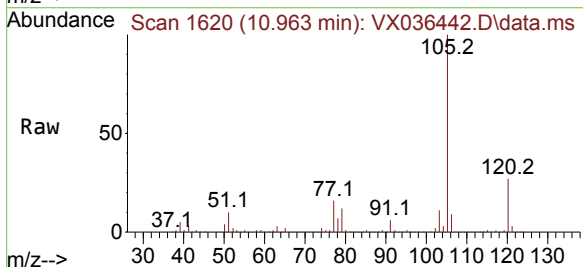
Instrument :
MSVOA_X
ClientSampleId :
MW-1

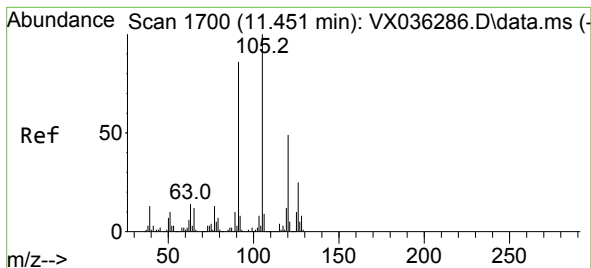
Tgt Ion:105 Resp: 84734
Ion Ratio Lower Upper
105 100
120 29.7 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 5.612 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.055 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 75 Resp: 4427
Ion Ratio Lower Upper
75 100
53 117.0 90.5 135.7
89 106.8 36.9 55.3#

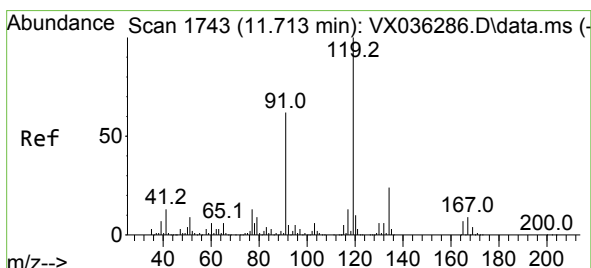
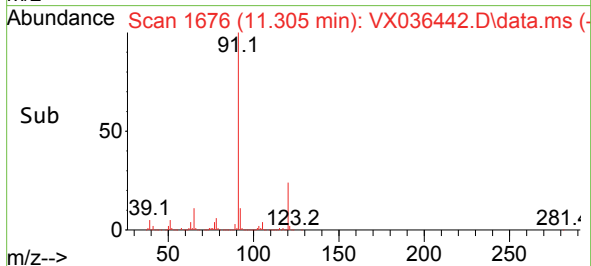
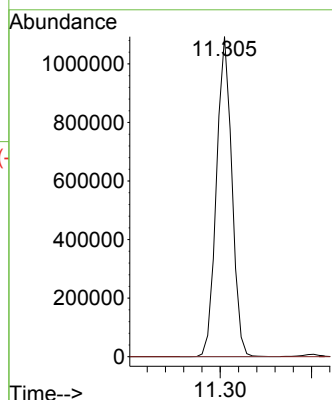
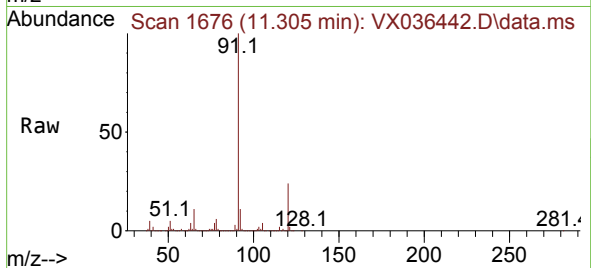




#82
4-Chlorotoluene
Concen: 174.030 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.146 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

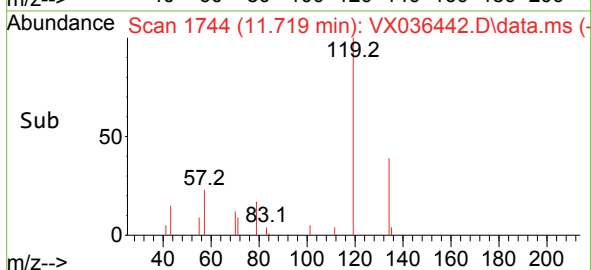
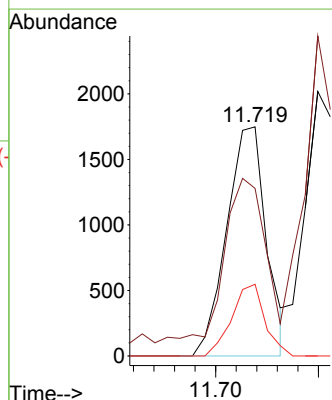
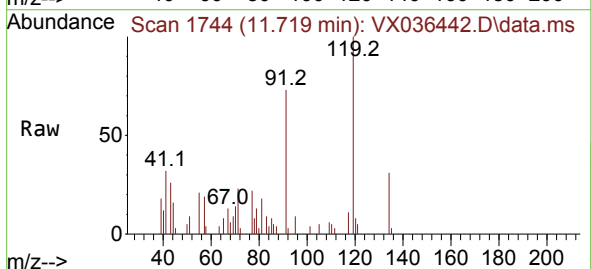
Instrument :
MSVOA_X
ClientSampleId :
MW-1

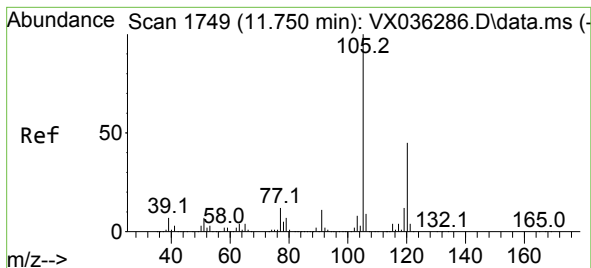
Tgt Ion: 91 Resp: 1278778
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#



#83
tert-Butylbenzene
Concen: 0.318 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 119 Resp: 2348
Ion Ratio Lower Upper
119 100
91 0.0 31.2 93.6#
134 0.0 11.7 35.0#





#84

1,2,4-Trimethylbenzene

Concen: 3.016 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

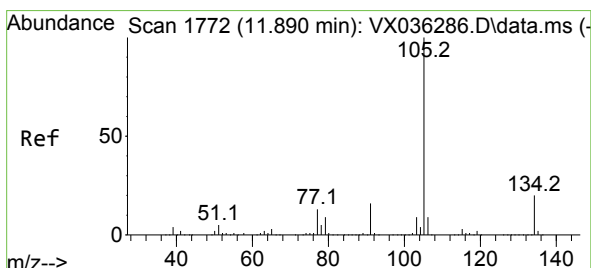
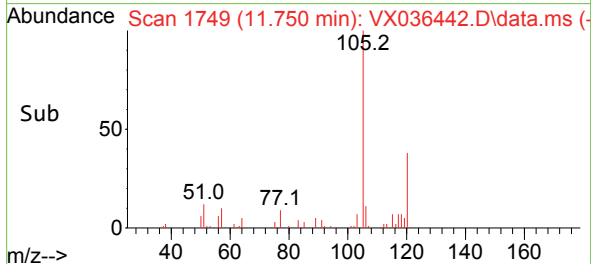
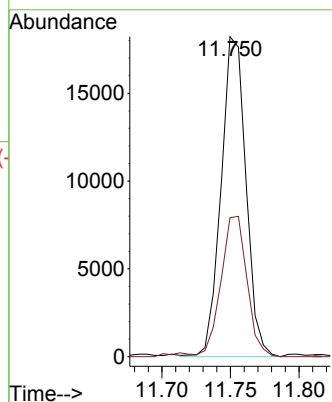
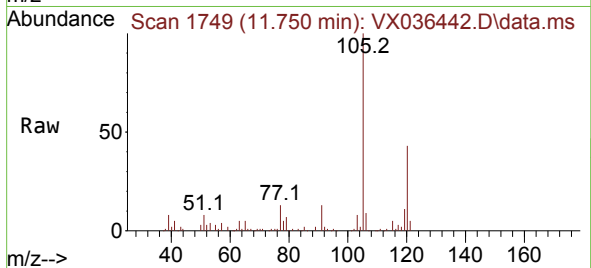
MW-1

Tgt Ion:105 Resp: 22959

Ion Ratio Lower Upper

105 100

120 47.0 21.2 63.6



#85

sec-Butylbenzene

Concen: 12.216 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX036442.D

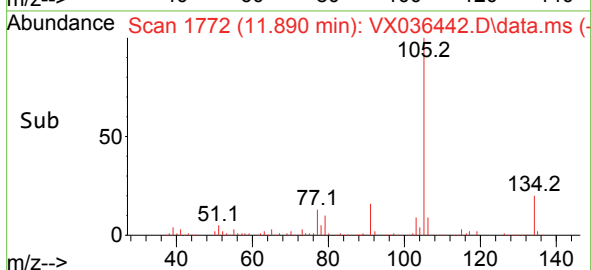
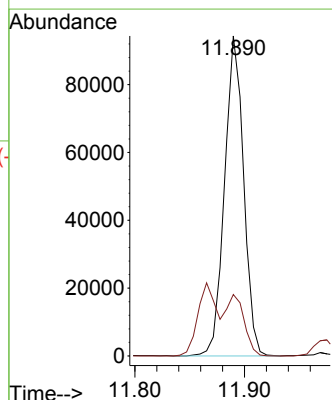
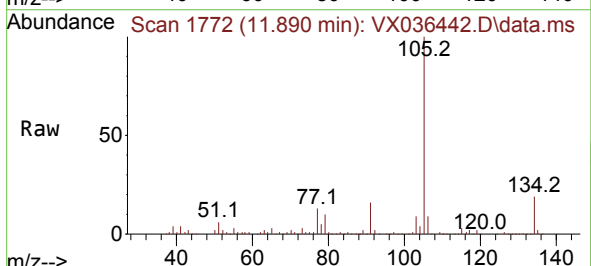
Acq: 06 Jul 2023 18:16

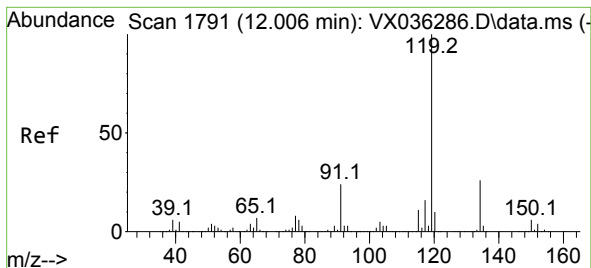
Tgt Ion:105 Resp: 114112

Ion Ratio Lower Upper

105 100

134 18.3 9.8 29.4





#86

p-Isopropyltoluene

Concen: 2.427 ug/l

RT: 12.012 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

MW-1

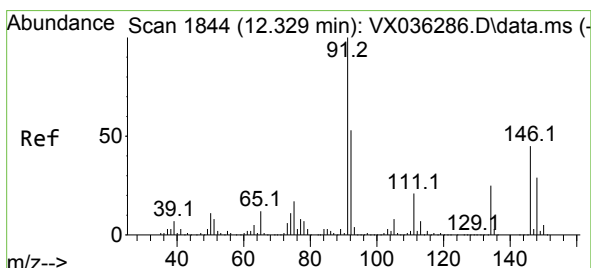
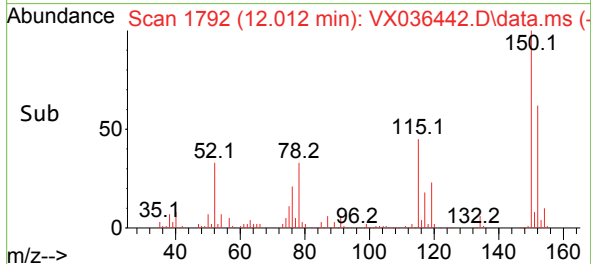
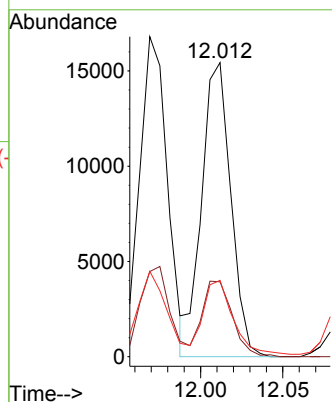
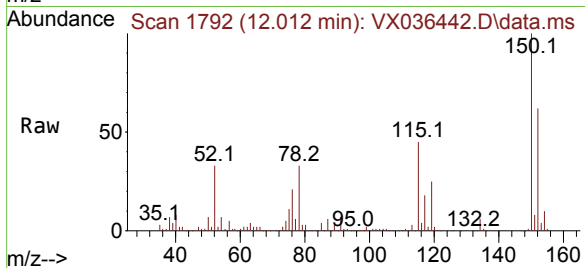
Tgt Ion:119 Resp: 19026

Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.3

91 25.3 13.1 39.3



#89

n-Butylbenzene

Concen: 23.216 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

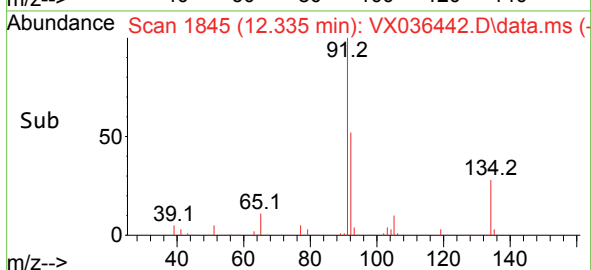
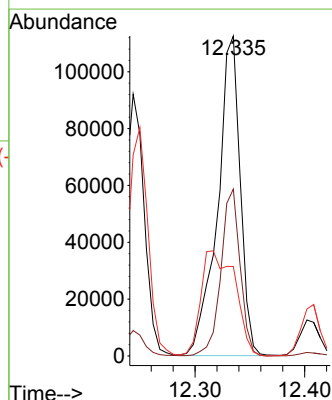
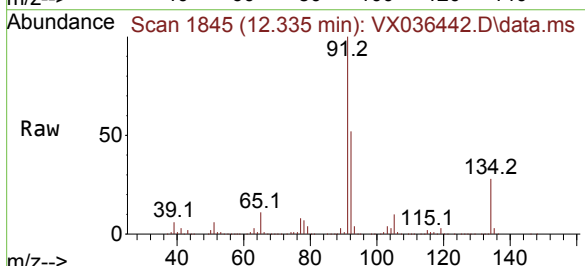
Tgt Ion: 91 Resp: 161969

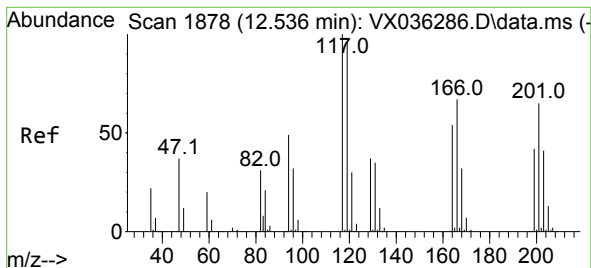
Ion Ratio Lower Upper

91 100

92 44.2 27.4 82.0

134 49.2 12.6 37.8#





#90

Hexachloroethane

Concen: 65.097 ug/l

RT: 12.615 min Scan# 1878

Delta R.T. 0.079 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

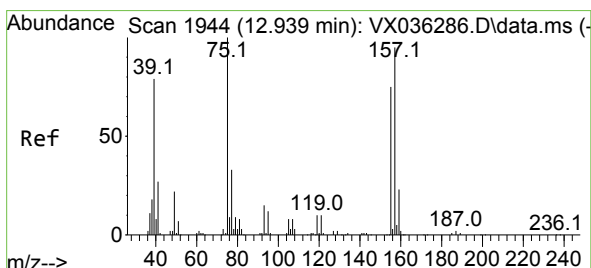
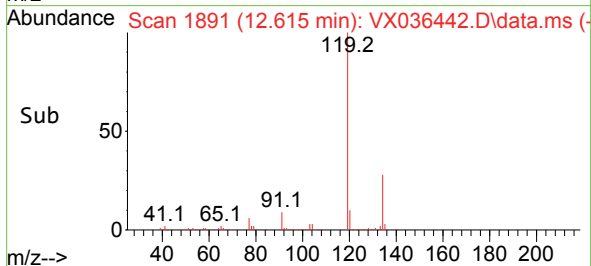
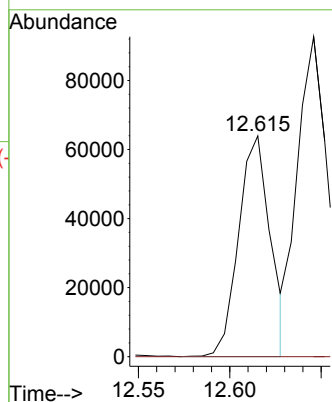
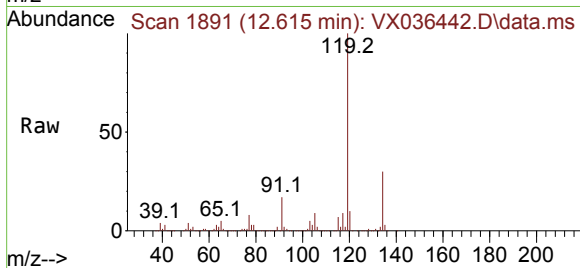
MW-1

Tgt Ion:117 Resp: 77291

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.483 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

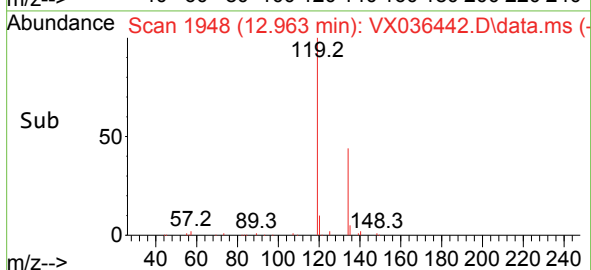
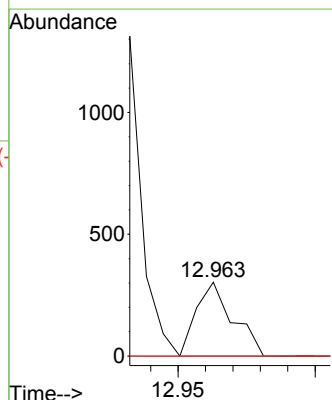
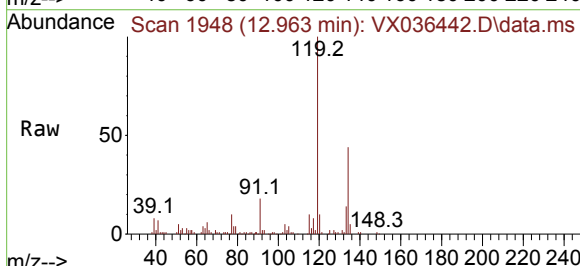
Tgt Ion: 75 Resp: 282

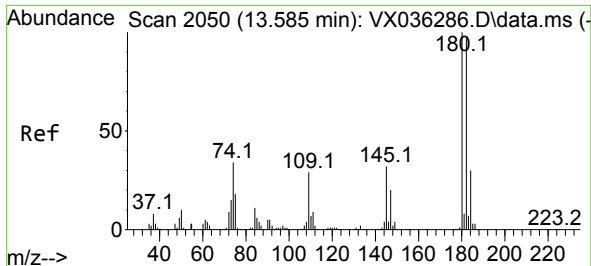
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#

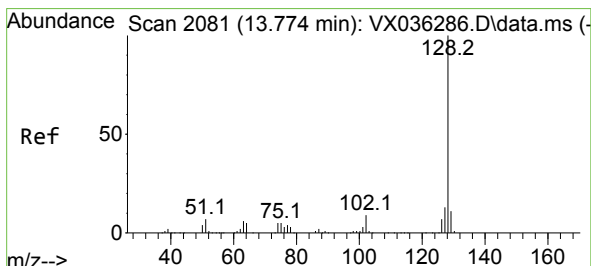
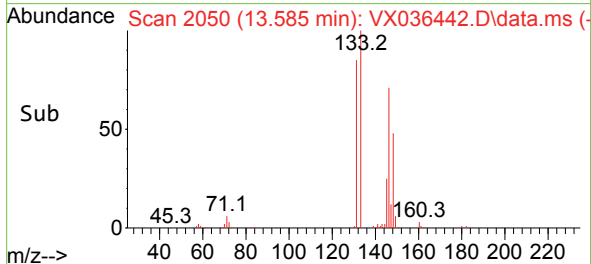
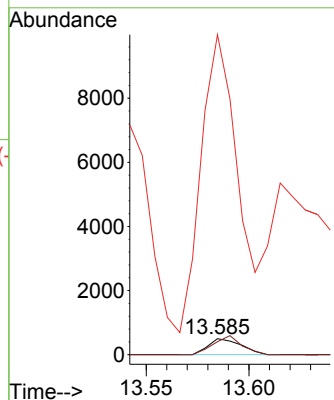
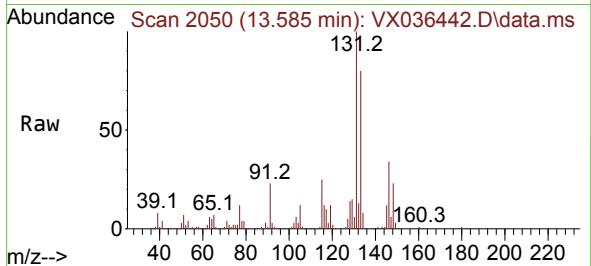




#93
1,2,4-Trichlorobenzene
Concen: 0.223 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Instrument : MSVOA_X
ClientSampleId : MW-1

Tgt Ion:180 Resp: 555
Ion Ratio Lower Upper
180 100
182 101.8 48.3 144.8
145 2296.6 18.0 54.0#



#95
Naphthalene
Concen: 50.409 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion:128 Resp: 414828
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 12.1 8.8 13.2

