

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036444.D
 Acq On : 06 Jul 2023 19:03
 Operator : JC/MD
 Sample : 03500-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jul 07 01:52:45 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	170911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106785	43.588	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.180%
35) Dibromofluoromethane	5.391	113	89797	47.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	8.647	98	345769	48.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	133070	53.275	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.540%
Target Compounds						
					Qvalue	
6) Chloroethane	1.752	64	745	0.331	ug/l #	1
13) Acrolein	2.215	56	3183	5.197	ug/l #	1
14) Allyl chloride	2.782	41	301138	95.400	ug/l #	67
15) Acrylonitrile	3.105	53	36497	32.288	ug/l #	39
16) Acetone	2.337	43	211747	202.212	ug/l #	58
18) Methyl Acetate	2.782	43	743201	172.591	ug/l #	53
20) Methylene Chloride	2.727	84	4155	1.843	ug/l #	12
23) Vinyl Acetate	3.733	43	3517	0.766	ug/l #	73
24) 1,1-Dichloroethane	3.727	63	1428	0.383	ug/l #	83
25) 2-Butanone	4.574	43	3283	2.182	ug/l	96
30) Chloroform	5.099	83	864	0.230	ug/l #	1
31) Cyclohexane	5.477	56	243882	77.682	ug/l	96
36) 1,1-Dichloropropene	5.550	75	14130	4.993	ug/l #	51
37) Ethyl Acetate	4.788	43	1278	0.443	ug/l #	1
38) Carbon Tetrachloride	5.556	117	18149	7.021	ug/l #	14
39) Methylcyclohexane	7.379	83	274527	80.987	ug/l	99
40) Benzene	6.038	78	11376	1.439	ug/l	98
41) Methacrylonitrile	4.946	41	4427	2.767	ug/l #	29
43) Isopropyl Acetate	6.367	43	10480	2.277	ug/l #	63
45) 1,2-Dichloropropane	7.379	63	3235	1.502	ug/l #	1
46) Dibromomethane	7.562	93	746	0.492	ug/l #	1
47) Bromodichloromethane	7.769	83	3072	1.121	ug/l #	89
48) Methyl methacrylate	7.659	41	33164	14.455	ug/l #	44
51) 4-Methyl-2-Pentanone	8.610	43	11720	3.953	ug/l #	57
52) Toluene	8.720	92	8367	1.670	ug/l	95
55) 1,1,2-Trichloroethane	9.104	97	30933	14.855	ug/l #	21
56) Ethyl methacrylate	9.104	69	8304	2.666	ug/l #	17
59) 2-Hexanone	9.567	43	5361	2.476	ug/l	91
67) Ethyl Benzene	10.195	91	296972	30.362	ug/l	97
68) m/p-Xylenes	10.305	106	101834	26.797	ug/l	100
69) o-Xylene	10.640	106	6473	1.764	ug/l	96
73) Isopropylbenzene	10.964	105	380779	41.524	ug/l	97
74) N-amyl acetate	10.842	43	1833	0.505	ug/l #	1
76) 1,2,3-Trichloropropane	11.305	75	7623	2.937	ug/l #	1
78) n-propylbenzene	11.305	91	1171401	109.380	ug/l	99
79) 2-Chlorotoluene	11.305	91	1171401	183.870	ug/l #	42

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

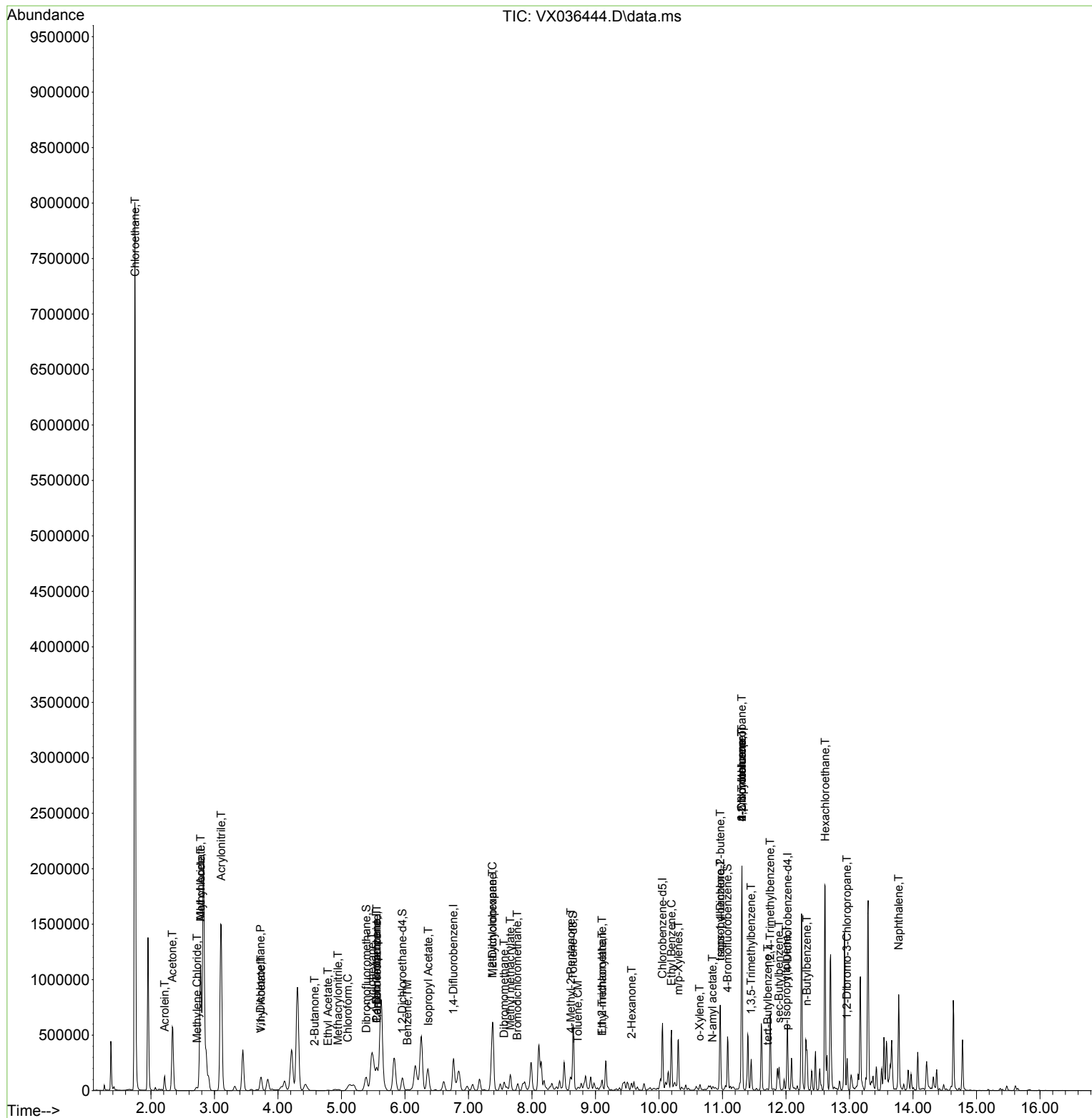
80) 1,3,5-Trimethylbenzene	11.451	105	108174	13.929	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.964	75	4603	5.781	ug/l #	64
82) 4-Chlorotoluene	11.305	91	1171401	157.934	ug/l #	46
83) tert-Butylbenzene	11.713	119	2026	0.272	ug/l #	28
84) 1,2,4-Trimethylbenzene	11.750	105	291949	37.999	ug/l	95
85) sec-Butylbenzene	11.890	105	100183	10.625	ug/l	97
86) p-Isopropyltoluene	12.006	119	20376	2.575	ug/l	96
89) n-Butylbenzene	12.329	91	166906	23.701	ug/l #	73
90) Hexachloroethane	12.616	117	79785	66.572	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.957	75	842	1.428	ug/l #	9
95) Naphthalene	13.774	128	517870	62.345	ug/l	99

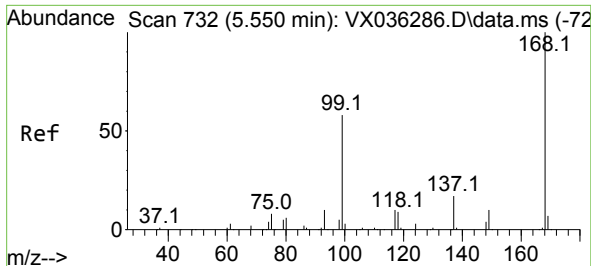
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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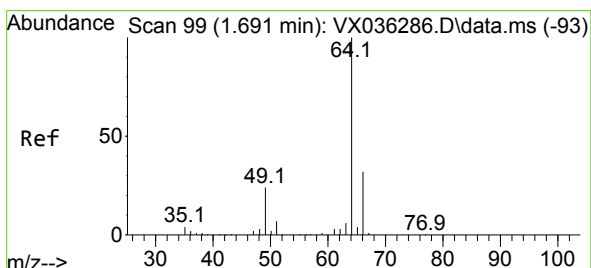
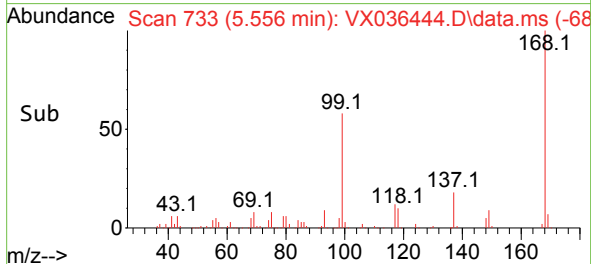
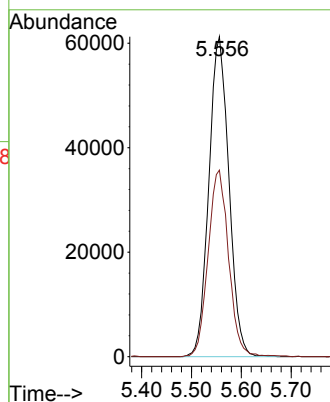
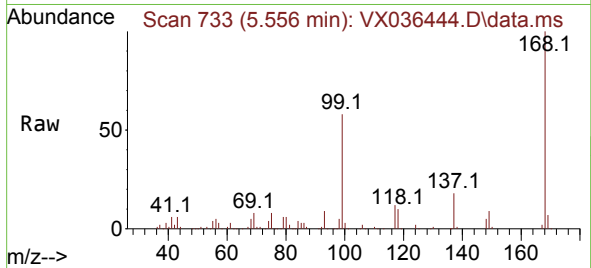




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

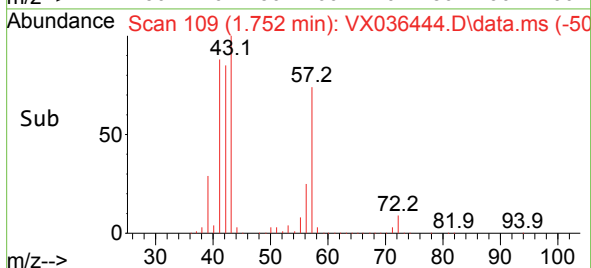
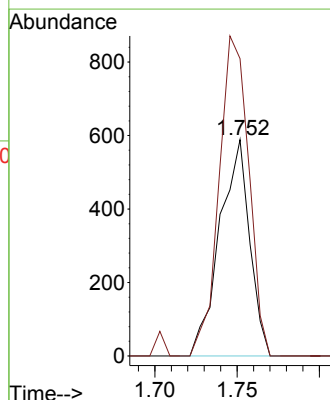
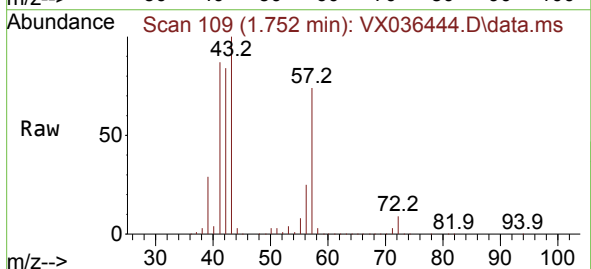
Instrument :
MSVOA_X
ClientSampleId :
MW-4

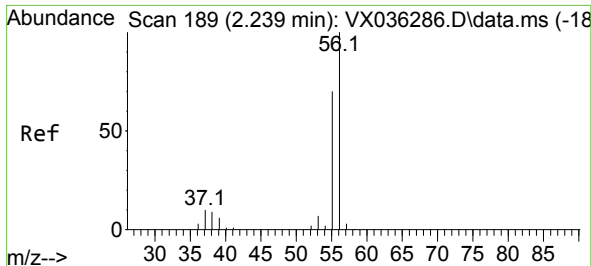
Tgt Ion:168 Resp: 170911
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#6
Chloroethane
Concen: 0.331 ug/l
RT: 1.752 min Scan# 109
Delta R.T. 0.062 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 64 Resp: 745
Ion Ratio Lower Upper
64 100
66 137.4 25.1 37.7#





#13

Acrolein

Concen: 5.197 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

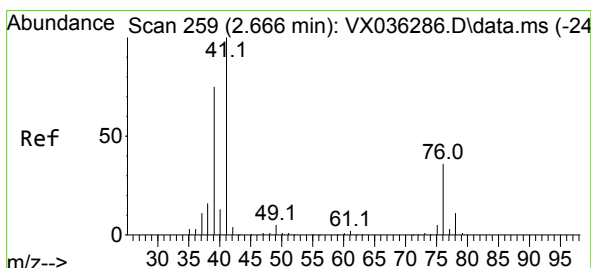
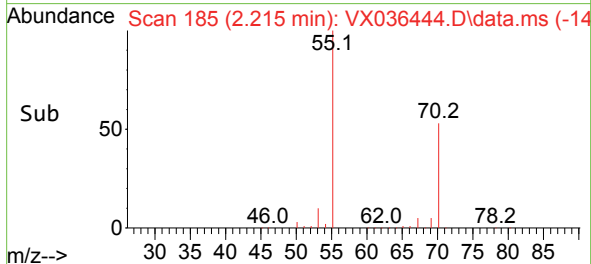
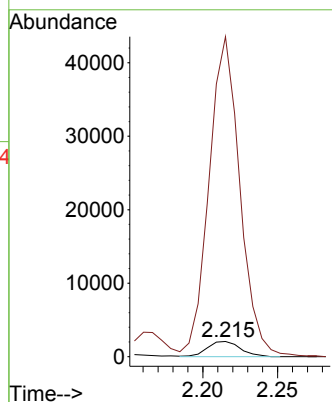
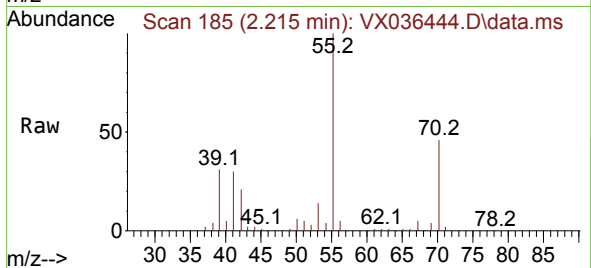
MW-4

Tgt Ion: 56 Resp: 3183

Ion Ratio Lower Upper

56 100

55 1969.8 57.1 85.7#



#14

Allyl chloride

Concen: 95.400 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.116 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

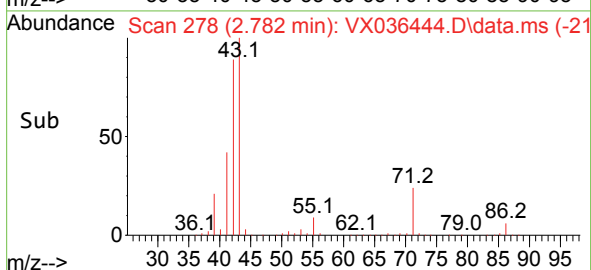
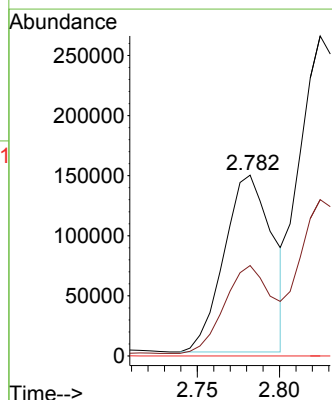
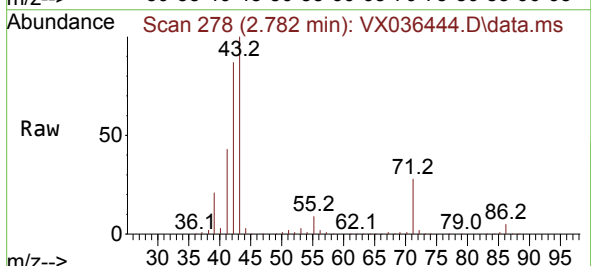
Tgt Ion: 41 Resp: 301138

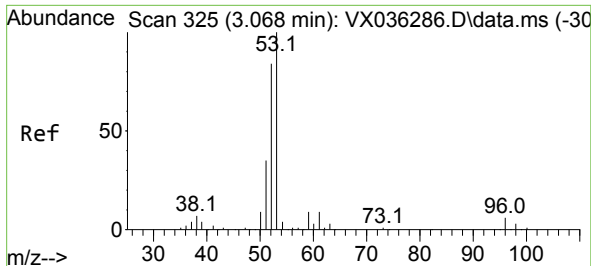
Ion Ratio Lower Upper

41 100

39 51.3 55.8 83.6#

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 32.288 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-4

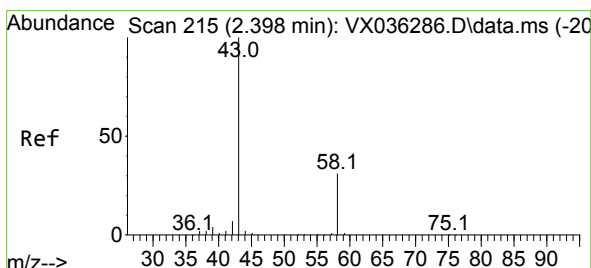
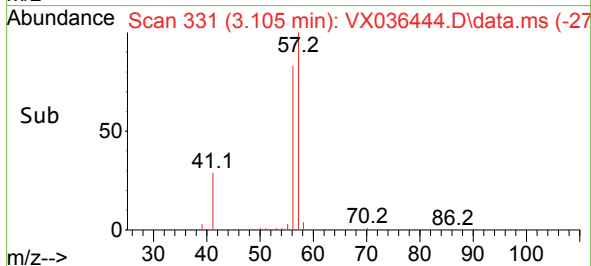
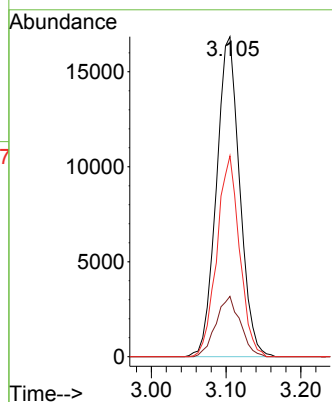
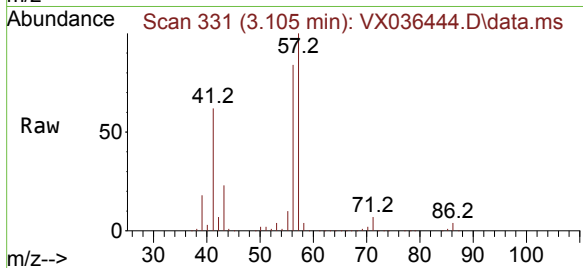
Tgt Ion: 53 Resp: 36497

Ion Ratio Lower Upper

53 100

52 19.7 66.0 99.0#

51 61.1 29.8 44.6#



#16

Acetone

Concen: 202.212 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.067 min

Lab File: VX036444.D

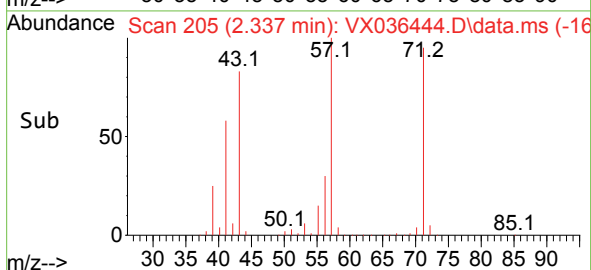
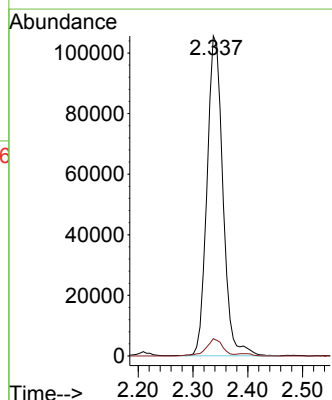
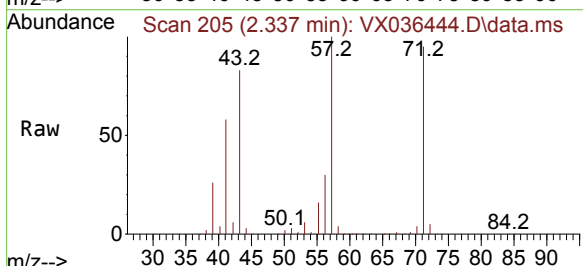
Acq: 06 Jul 2023 19:03

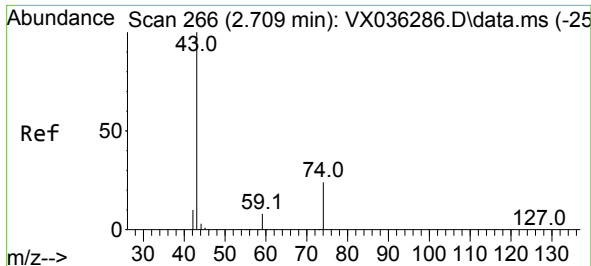
Tgt Ion: 43 Resp: 211747

Ion Ratio Lower Upper

43 100

58 5.4 21.9 32.9#





#18

Methyl Acetate

Concen: 172.591 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.073 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

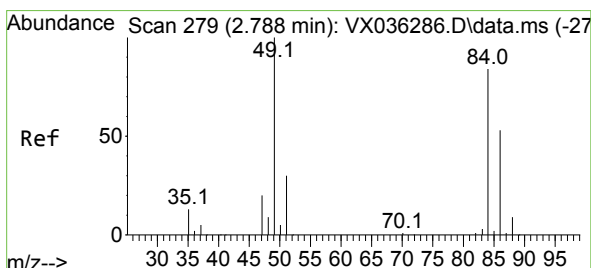
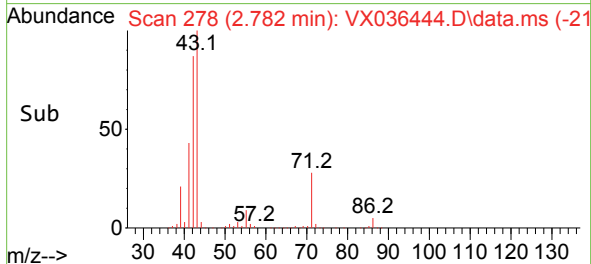
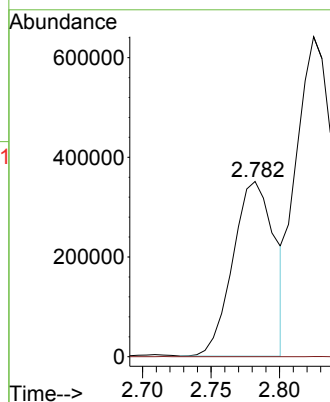
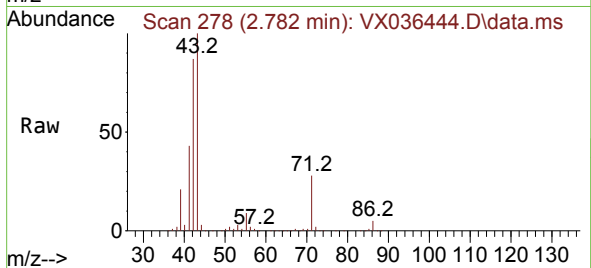
MW-4

Tgt Ion: 43 Resp: 743201

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: 1.843 ug/l

RT: 2.727 min Scan# 269

Delta R.T. -0.061 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

Tgt Ion: 84 Resp: 4155

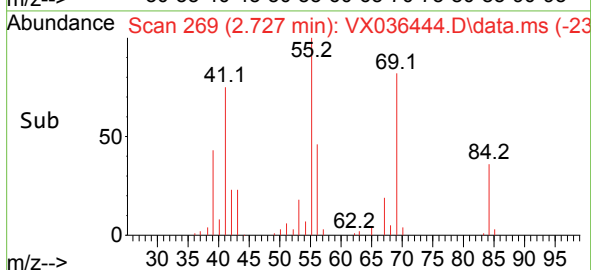
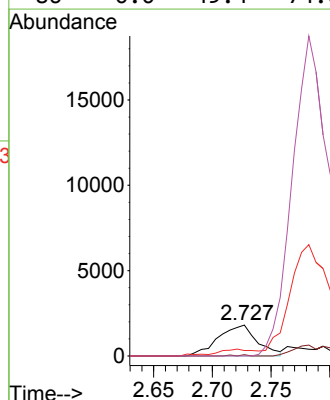
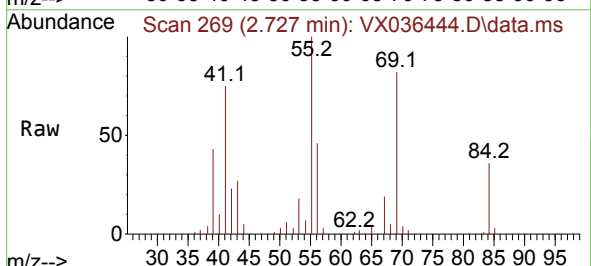
Ion Ratio Lower Upper

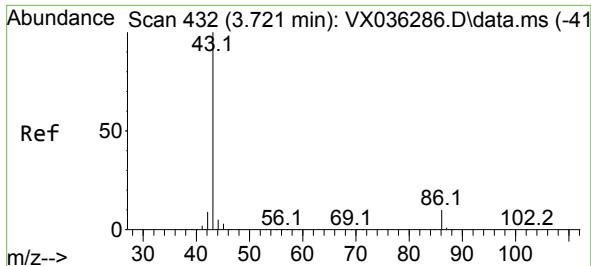
84 100

49 4.0 103.6 155.4#

51 17.7 33.8 50.6#

86 0.0 49.4 74.0#

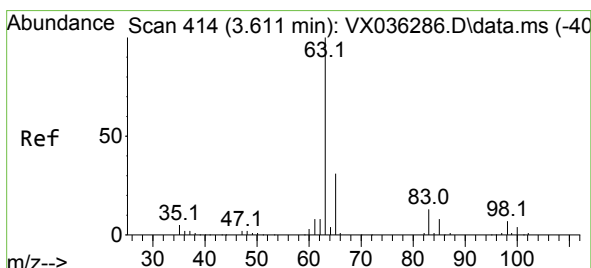
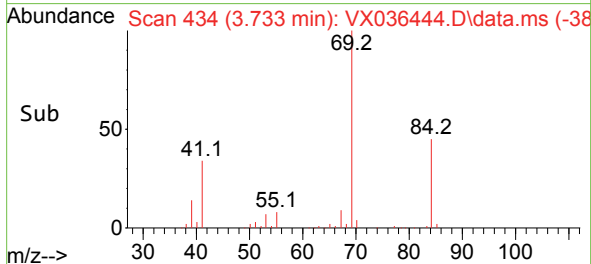
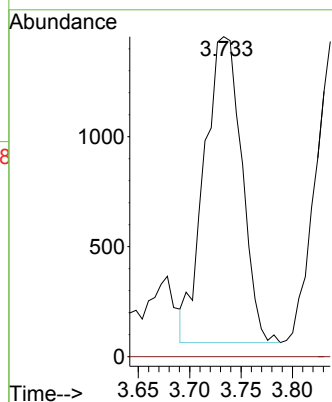
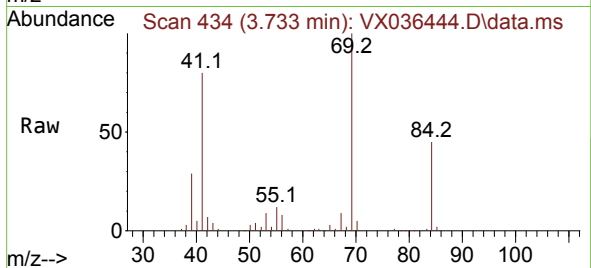




#23
 Vinyl Acetate
 Concen: 0.766 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX036444.D
 Acq: 06 Jul 2023 19:03

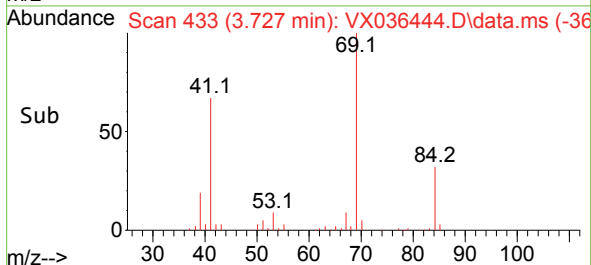
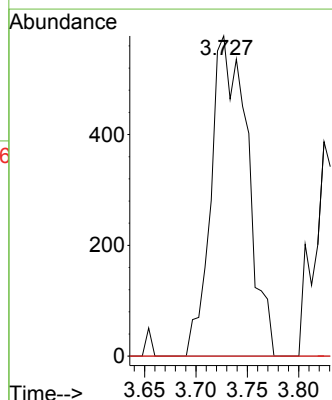
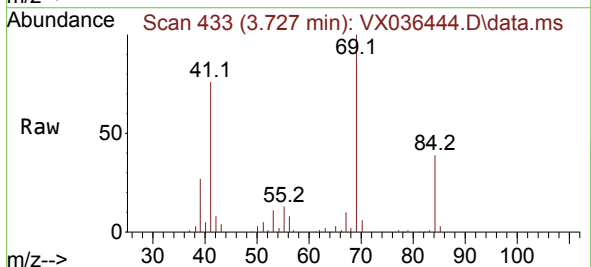
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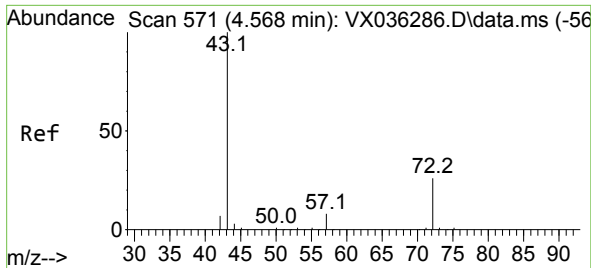
Tgt Ion: 43 Resp: 3517
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 0.383 ug/l
 RT: 3.727 min Scan# 433
 Delta R.T. 0.116 min
 Lab File: VX036444.D
 Acq: 06 Jul 2023 19:03

Tgt Ion: 63 Resp: 1428
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#

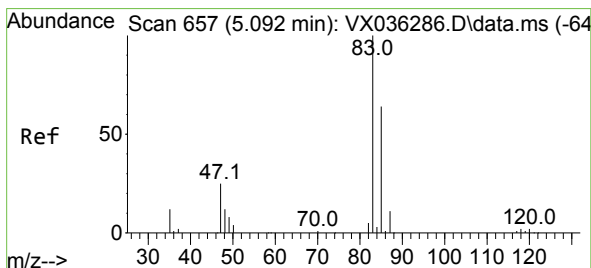
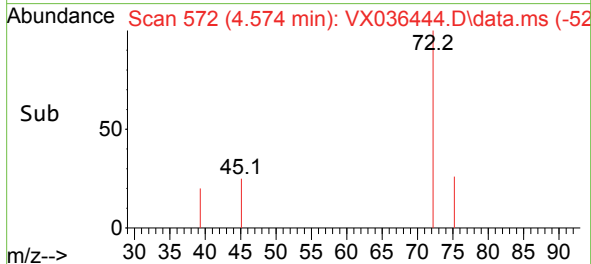
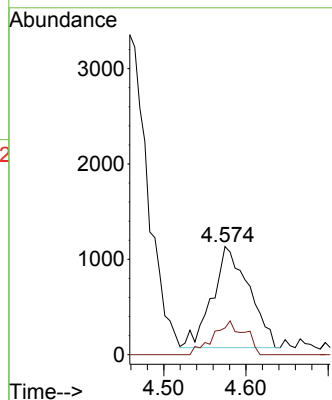
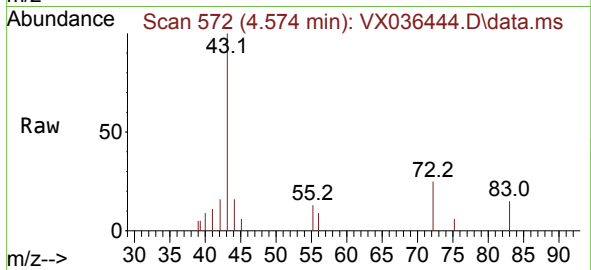




#25
2-Butanone
Concen: 2.182 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

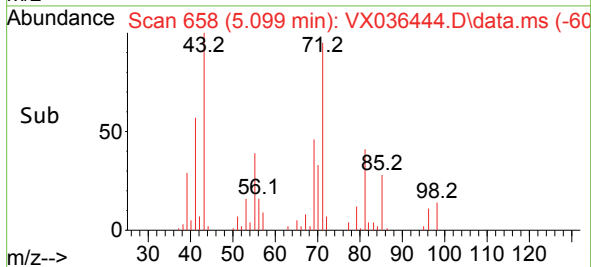
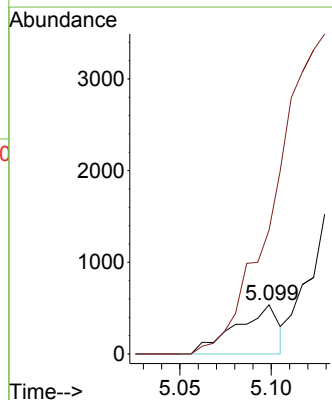
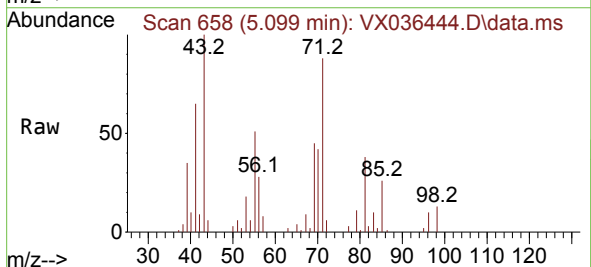
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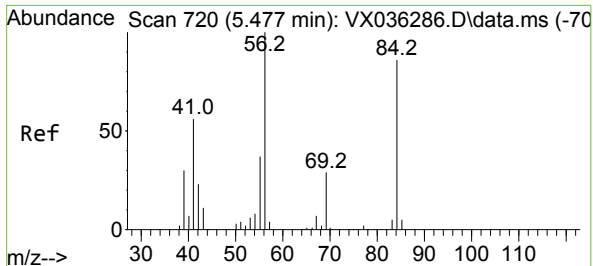
Tgt Ion: 43 Resp: 3283
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2



#30
Chloroform
Concen: 0.230 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 83 Resp: 864
Ion Ratio Lower Upper
83 100
85 252.1 50.3 75.5#

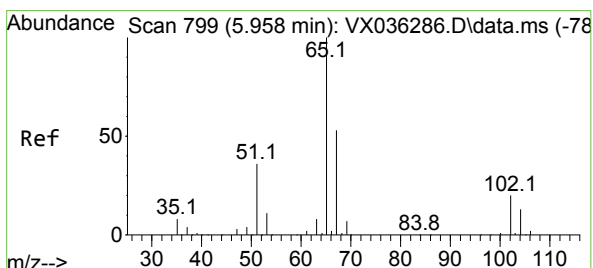
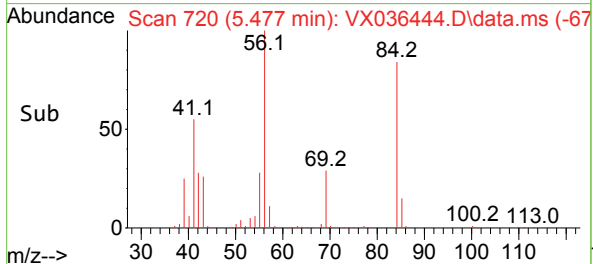
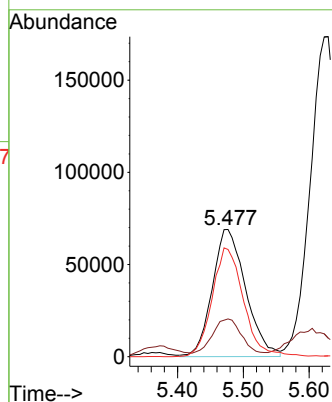
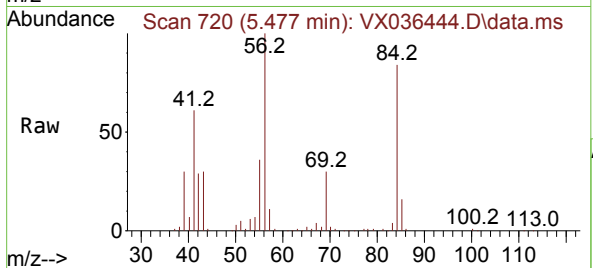




#31
Cyclohexane
Concen: 77.682 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

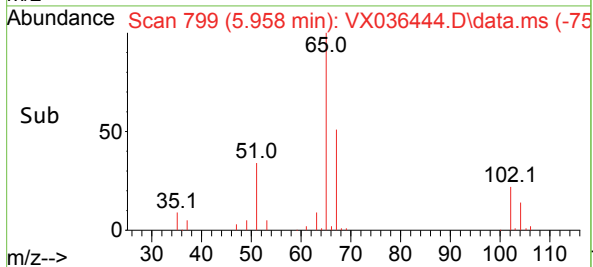
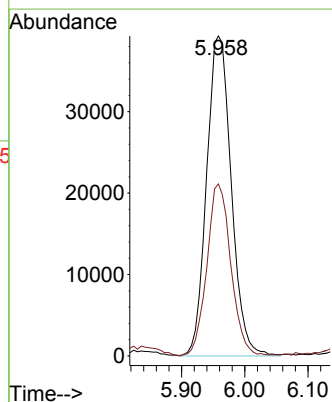
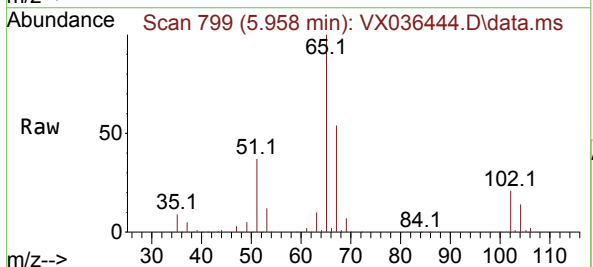
Instrument :
MSVOA_X
ClientSampleId :
MW-4

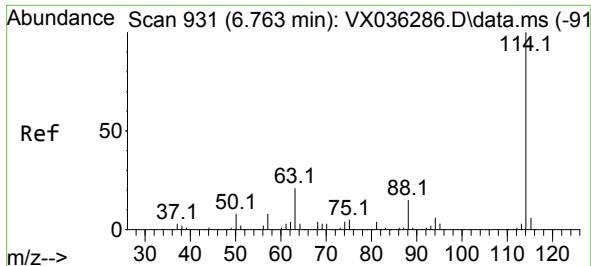
Tgt Ion: 56 Resp: 243882
Ion Ratio Lower Upper
56 100
69 25.6 23.4 35.2
84 85.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 43.588 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 65 Resp: 106785
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

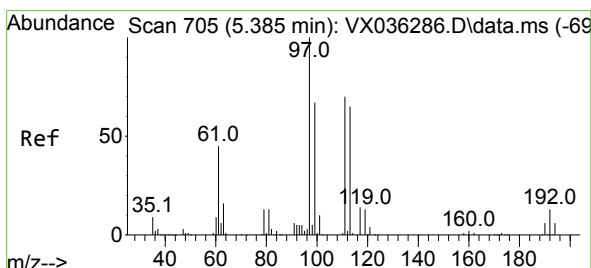
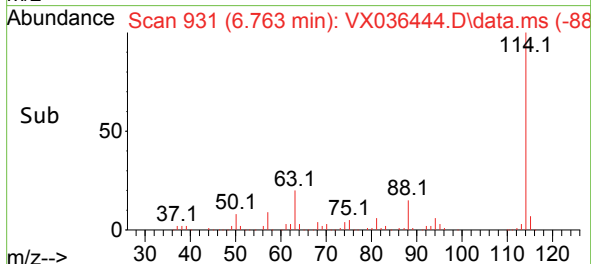
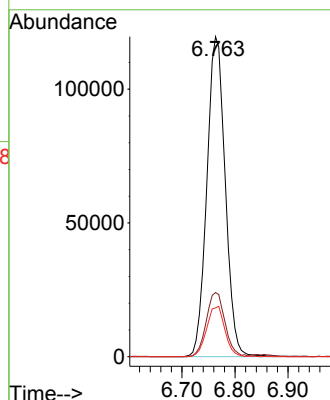
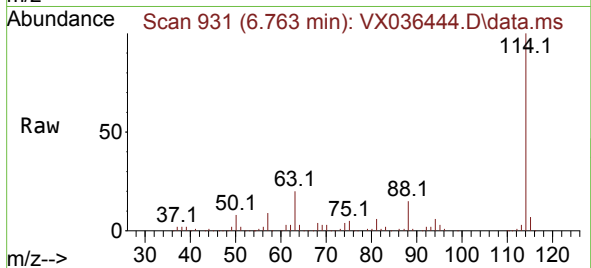




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

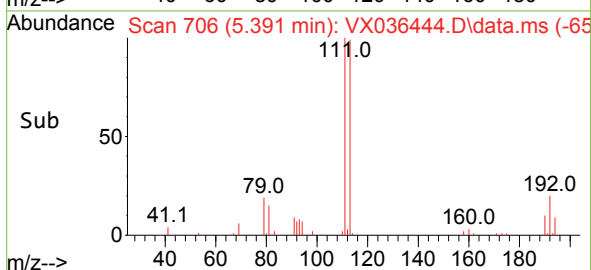
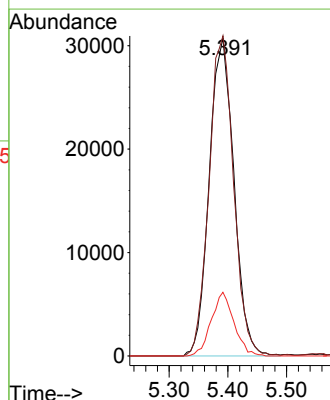
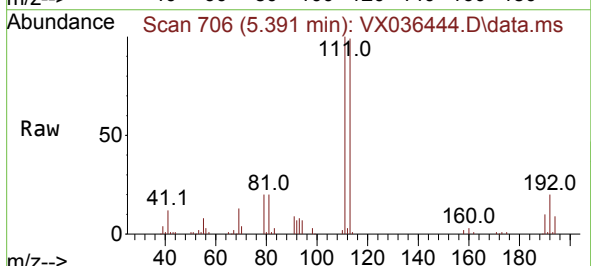
Instrument :
MSVOA_X
ClientSampleId :
MW-4

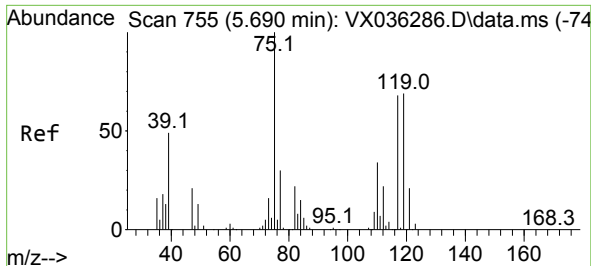
Tgt Ion:114 Resp: 287944
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.296 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion:113 Resp: 89797
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 18.5 13.3 19.9

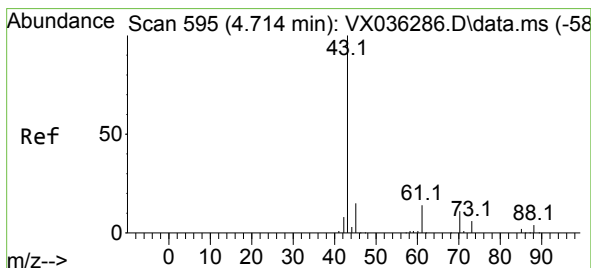
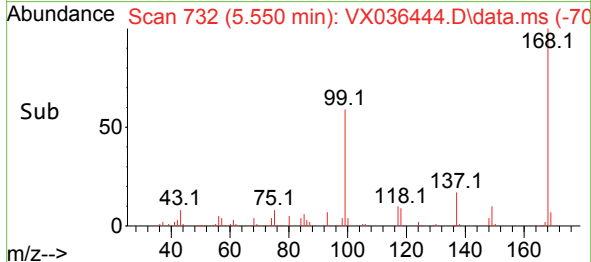
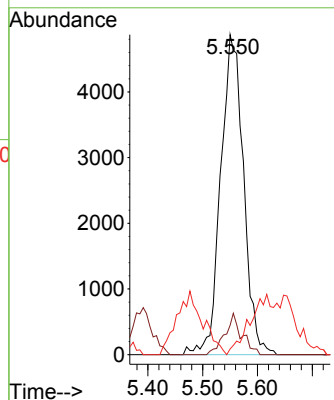
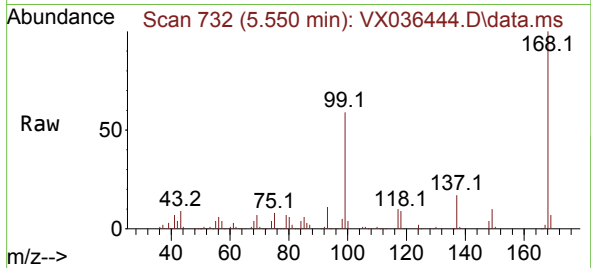




#36
 1,1-Dichloropropene
 Concen: 4.993 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX036444.D
 Acq: 06 Jul 2023 19:03

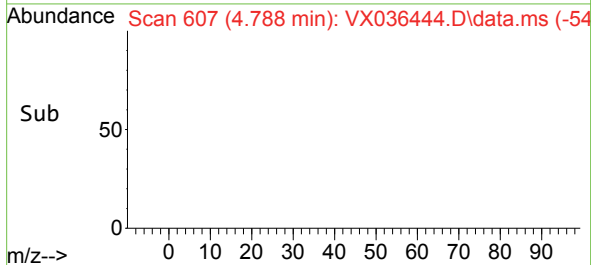
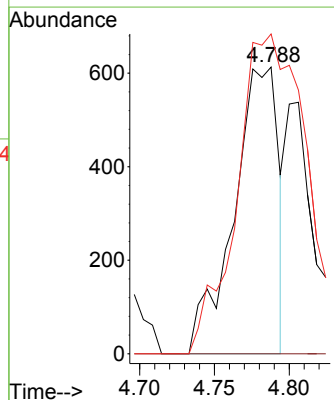
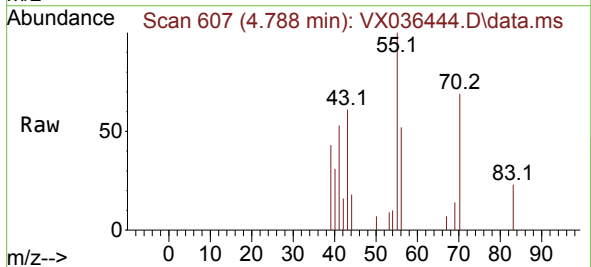
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

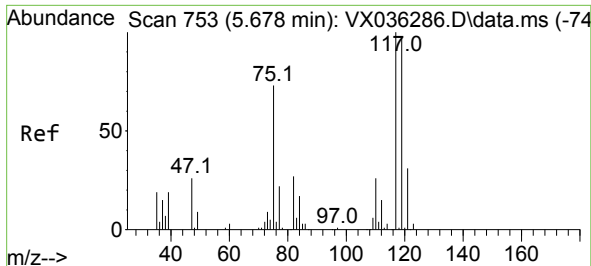
Tgt Ion: 75 Resp: 14130
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.0 50.9#
 77 0.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 0.443 ug/l
 RT: 4.788 min Scan# 607
 Delta R.T. 0.074 min
 Lab File: VX036444.D
 Acq: 06 Jul 2023 19:03

Tgt Ion: 43 Resp: 1278
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 16.0#
 70 174.3 8.3 12.5#

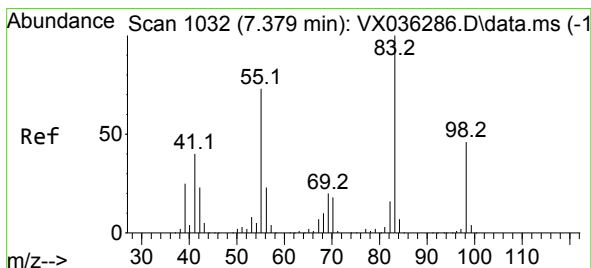
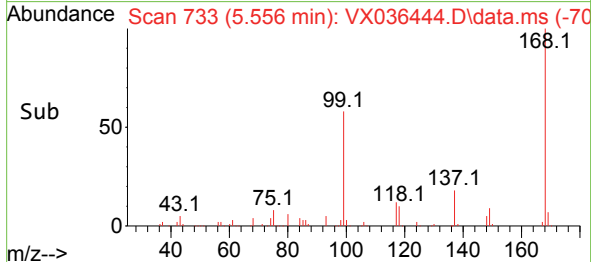
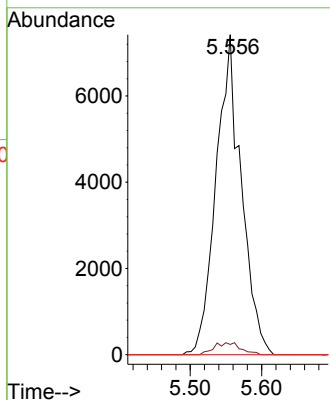
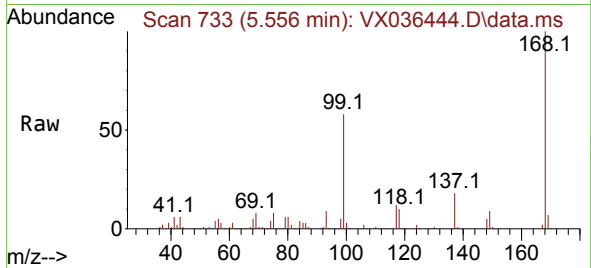




#38
Carbon Tetrachloride
Concen: 7.021 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

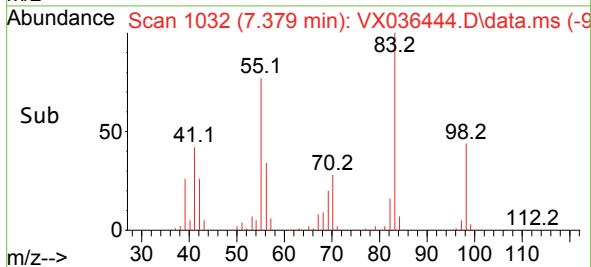
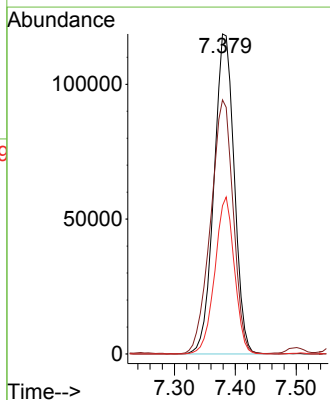
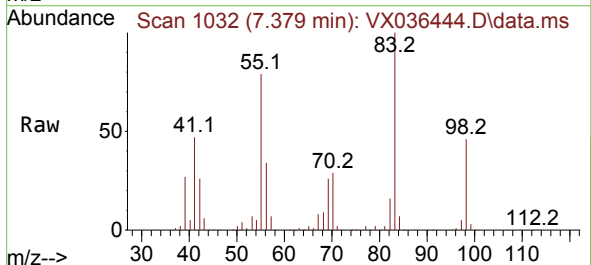
Instrument :
MSVOA_X
ClientSampleId :
MW-4

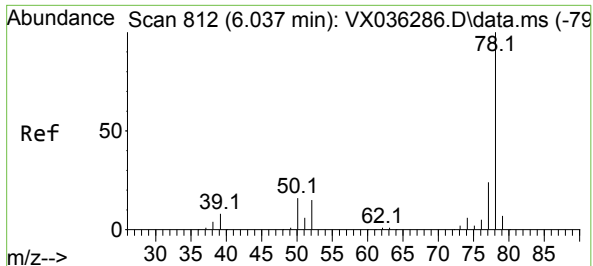
Tgt Ion:117 Resp: 18149
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 80.987 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 83 Resp: 274527
Ion Ratio Lower Upper
83 100
55 79.3 64.6 97.0
98 46.3 36.7 55.1

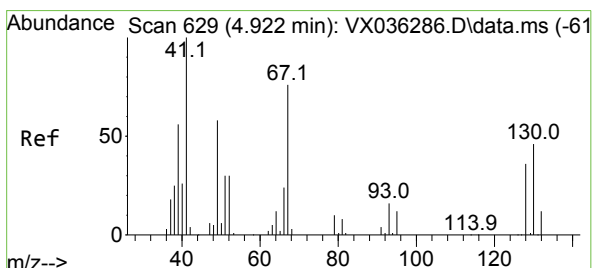
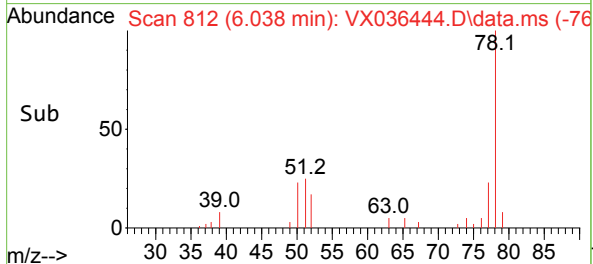
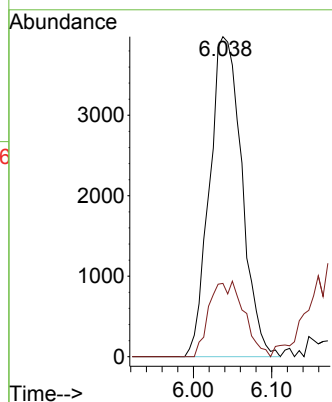
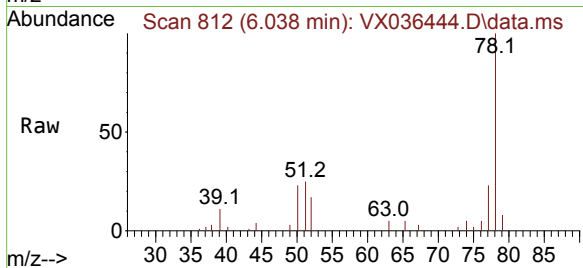




#40
Benzene
Concen: 1.439 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

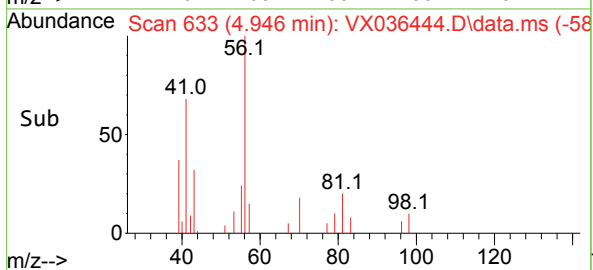
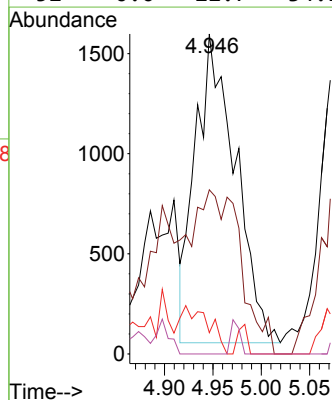
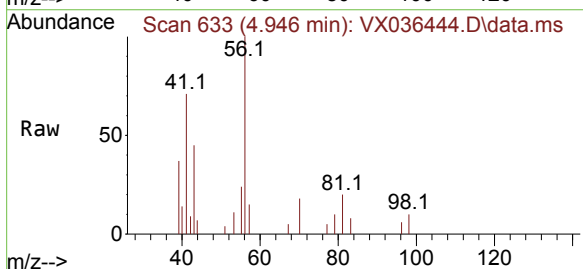
Instrument :
MSVOA_X
ClientSampleId :
MW-4

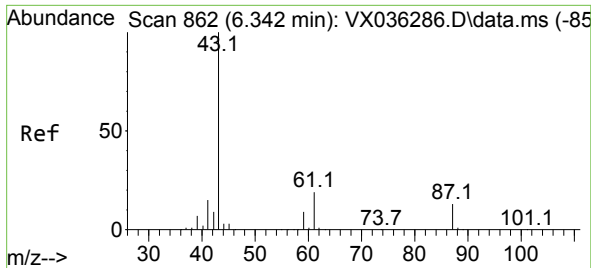
Tgt Ion: 78 Resp: 11376
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9



#41
Methacrylonitrile
Concen: 2.767 ug/l
RT: 4.946 min Scan# 633
Delta R.T. 0.024 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 41 Resp: 4427
Ion Ratio Lower Upper
41 100
39 8.7 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

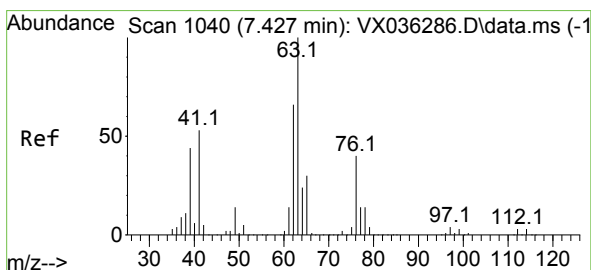
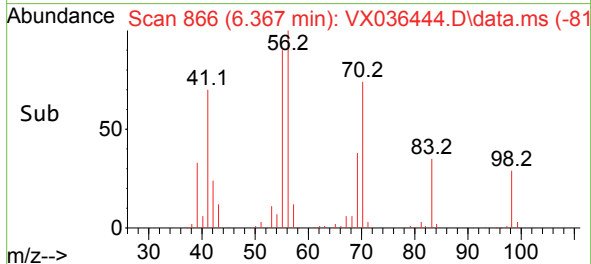
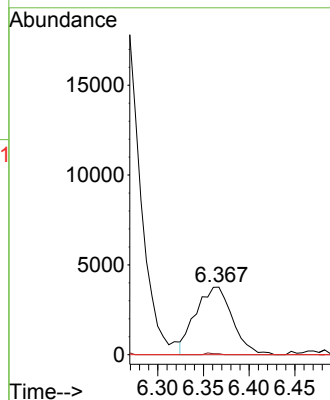
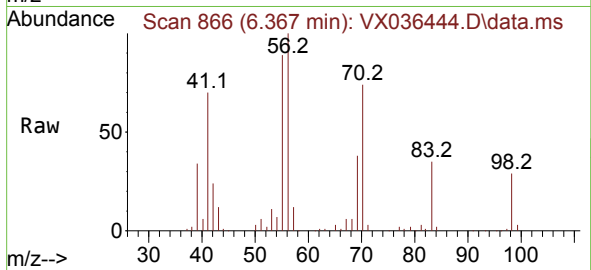




#43
Isopropyl Acetate
Concen: 2.277 ug/l
RT: 6.367 min Scan# 80
Delta R.T. 0.025 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

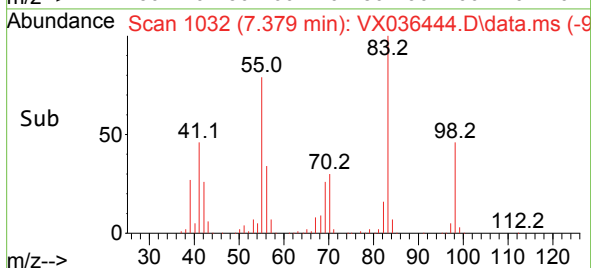
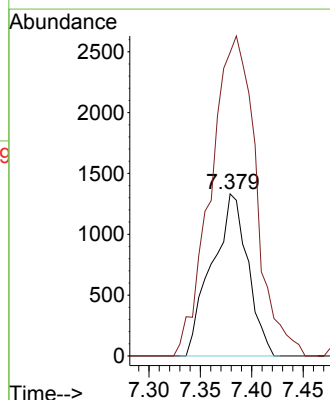
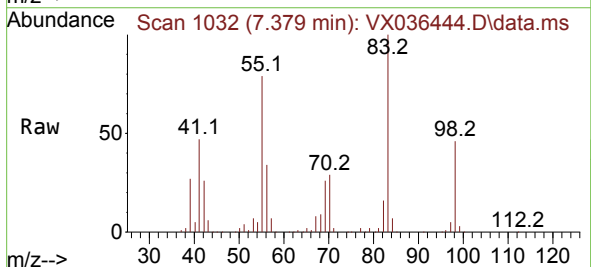
Instrument :
MSVOA_X
ClientSampleId :
MW-4

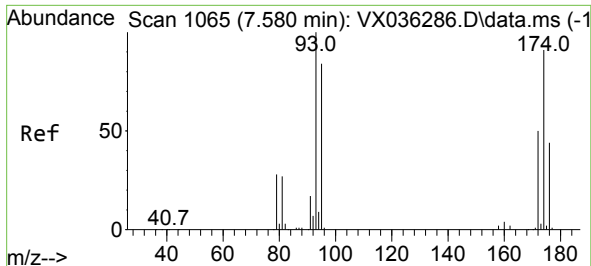
Tgt Ion: 43 Resp: 10480
Ion Ratio Lower Upper
43 100
61 0.7 15.2 22.8#
87 0.0 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 1.502 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.054 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 63 Resp: 3235
Ion Ratio Lower Upper
63 100
65 180.0 24.3 36.5#

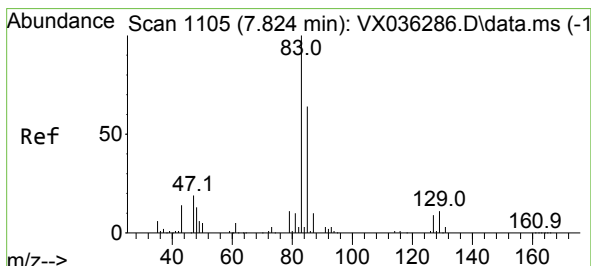
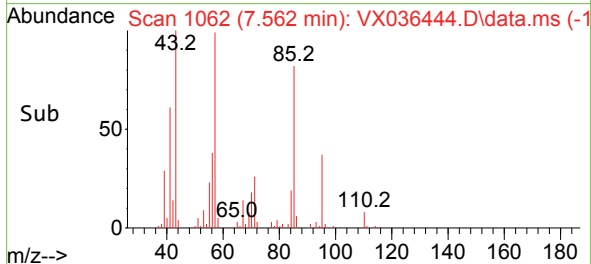
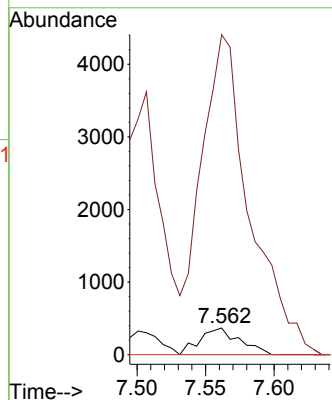
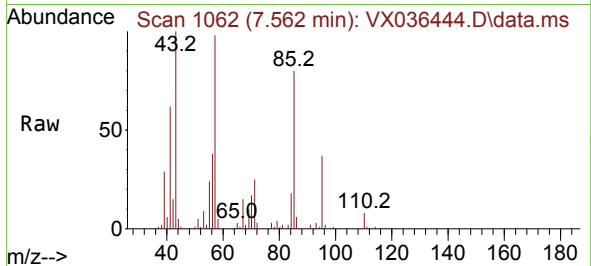




#46
Dibromomethane
Concen: 0.492 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.018 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

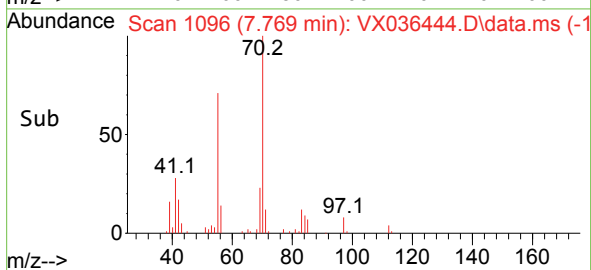
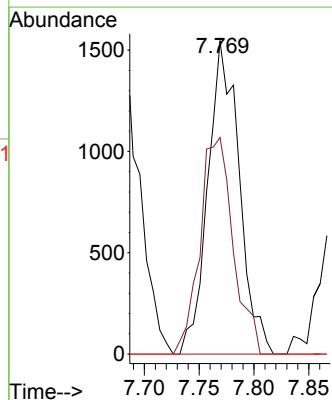
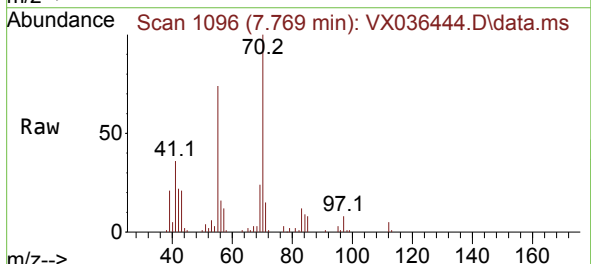
Instrument :
MSVOA_X
ClientSampleId :
MW-4

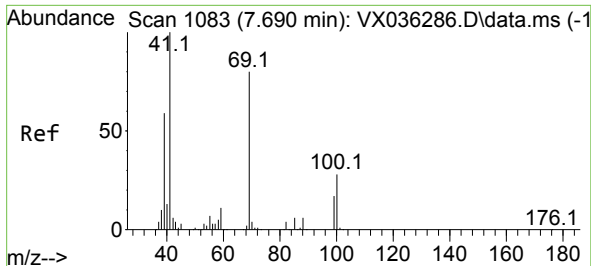
Tgt Ion: 93 Resp: 746
Ion Ratio Lower Upper
93 100
95 1452.7 66.6 100.0#
174 0.0 69.4 104.0#



#47
Bromodichloromethane
Concen: 1.121 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. -0.054 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 83 Resp: 3072
Ion Ratio Lower Upper
83 100
85 69.2 49.8 74.6
127 0.0 7.1 10.7#

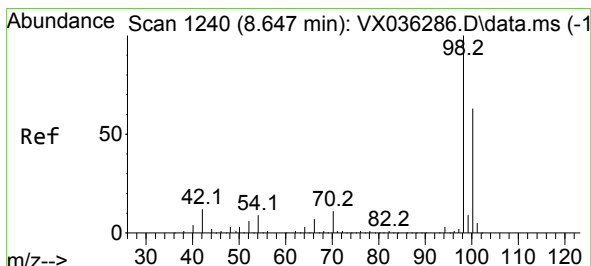
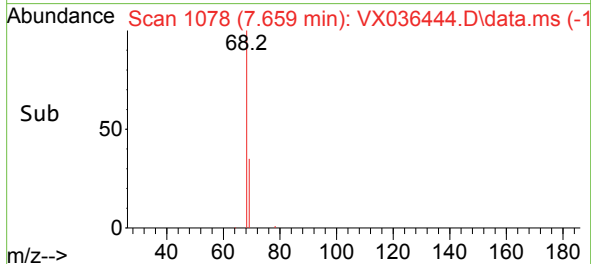
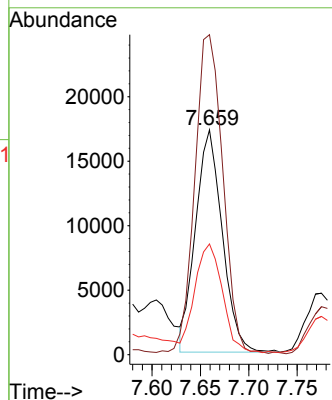
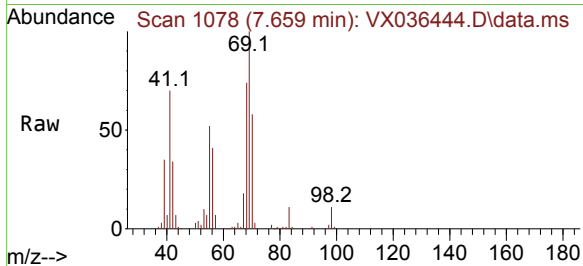




#48
Methyl methacrylate
Concen: 14.455 ug/l
RT: 7.659 min Scan# 1083
Delta R.T. -0.030 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

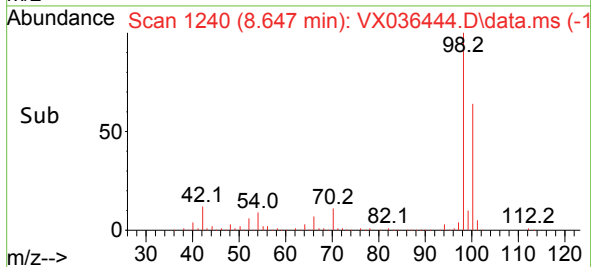
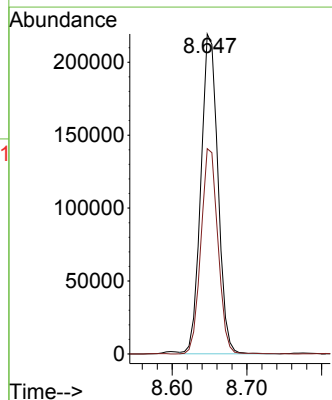
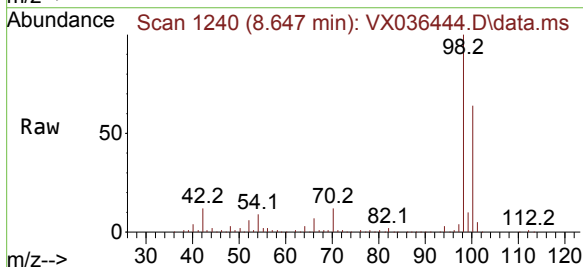
Instrument :
MSVOA_X
ClientSampleId :
MW-4

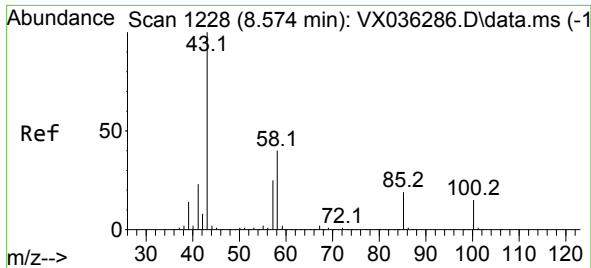
Tgt Ion: 41 Resp: 33164
Ion Ratio Lower Upper
41 100
69 150.3 59.2 88.8#
39 50.0 47.7 71.5



#50
Toluene-d8
Concen: 48.759 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 98 Resp: 345769
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

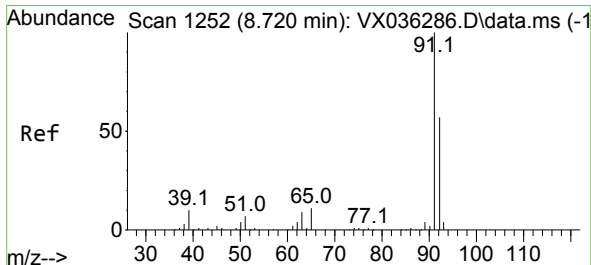
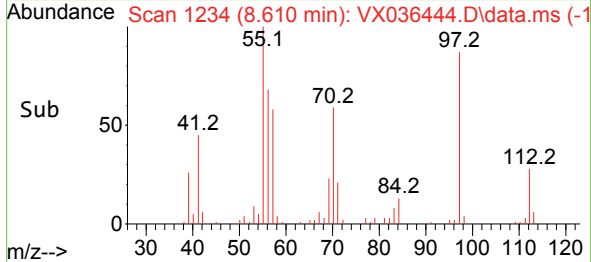
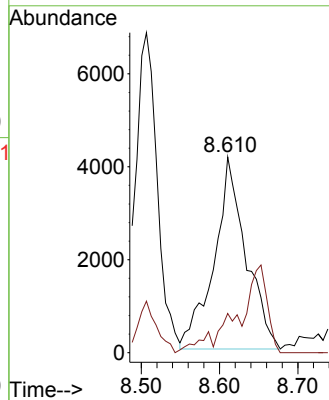
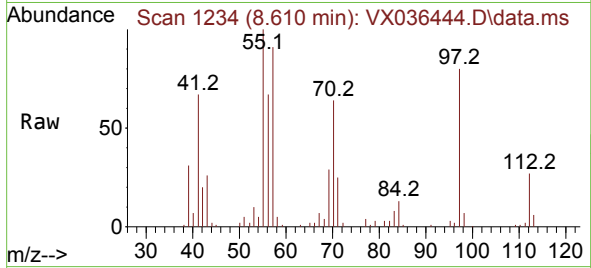




#51
4-Methyl-2-Pentanone
Concen: 3.953 ug/l
RT: 8.610 min Scan# 11
Delta R.T. 0.037 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

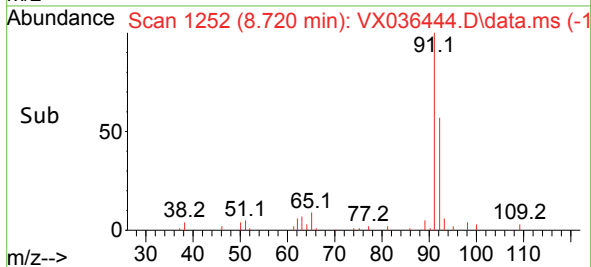
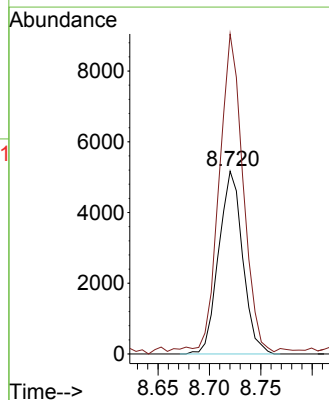
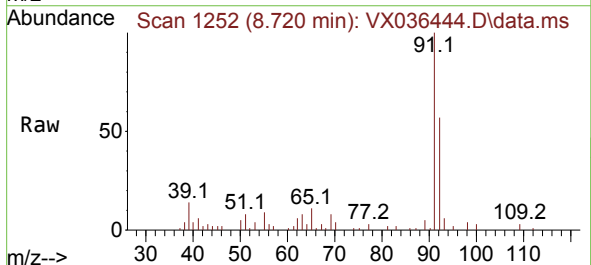
Instrument :
MSVOA_X
ClientSampleId :
MW-4

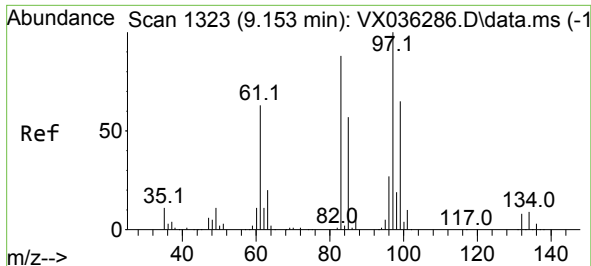
Tgt Ion: 43 Resp: 11720
Ion Ratio Lower Upper
43 100
58 12.4 30.4 45.6#



#52
Toluene
Concen: 1.670 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

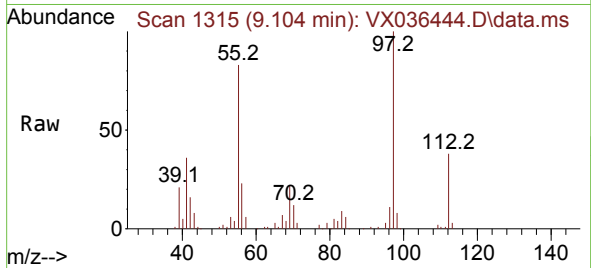
Tgt Ion: 92 Resp: 8367
Ion Ratio Lower Upper
92 100
91 174.3 134.2 201.2



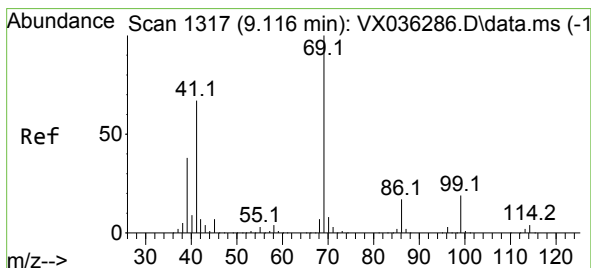
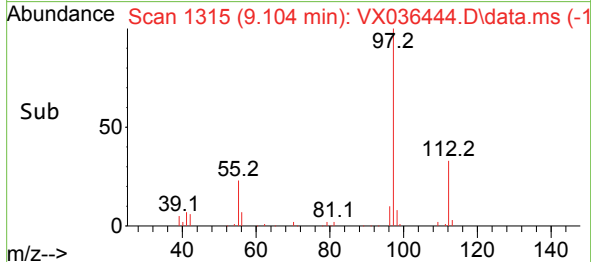
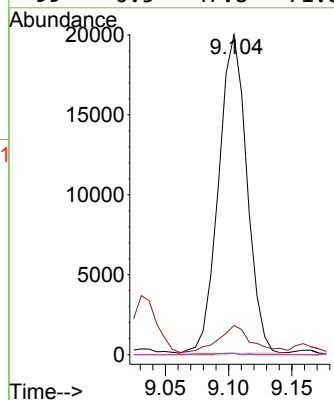


#55
1,1,2-Trichloroethane
Concen: 14.855 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.048 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
MW-4

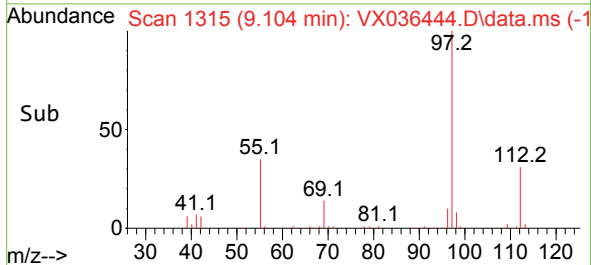
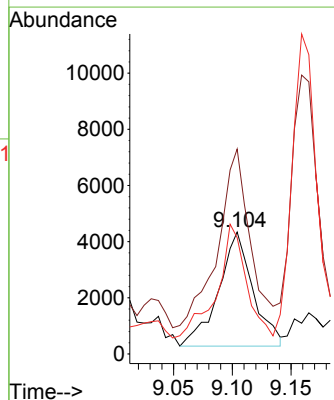
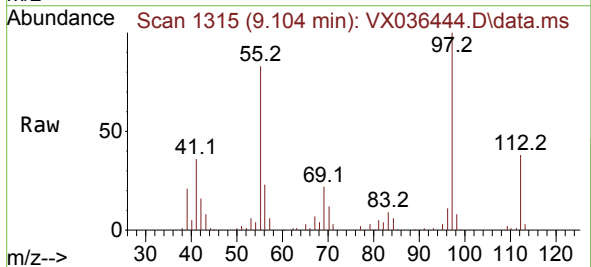


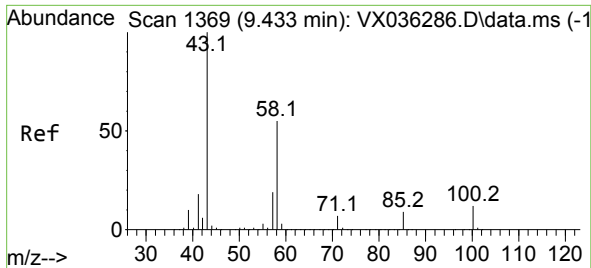
Tgt Ion:	97	Resp:	30933
Ion Ratio	100	Lower	Upper
83	8.5	65.8	98.8#
85	0.4	41.6	62.4#
99	0.5	47.8	71.8#



#56
Ethyl methacrylate
Concen: 2.666 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.012 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion:	69	Resp:	8304
Ion Ratio	100	Lower	Upper
41	144.9	56.8	85.2#
39	84.7	32.0	48.0#

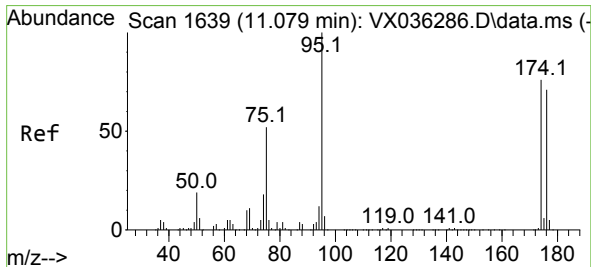
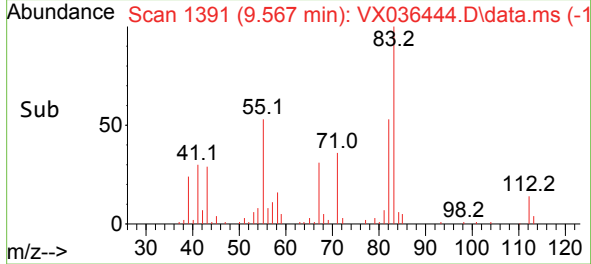
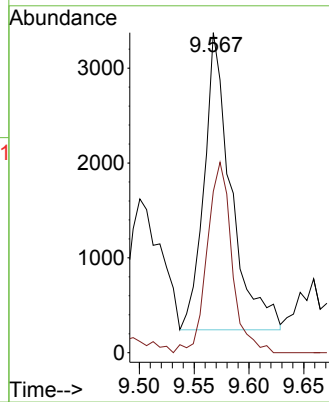
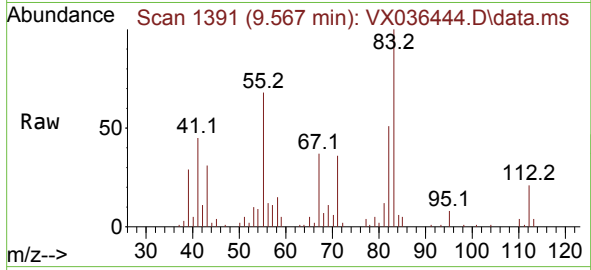




#59
2-Hexanone
Concen: 2.476 ug/l
RT: 9.567 min Scan# 1391
Delta R.T. 0.134 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

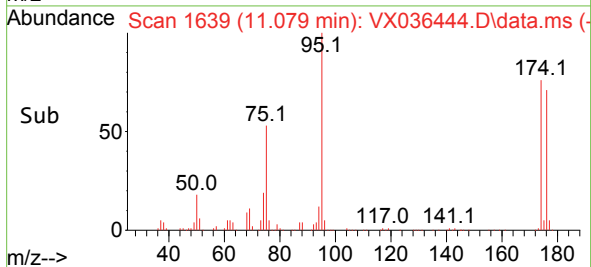
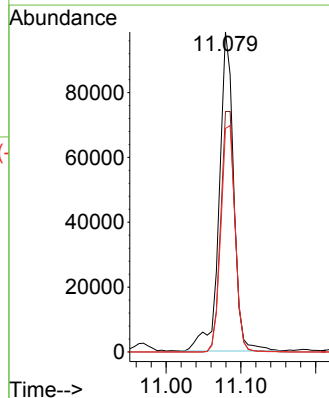
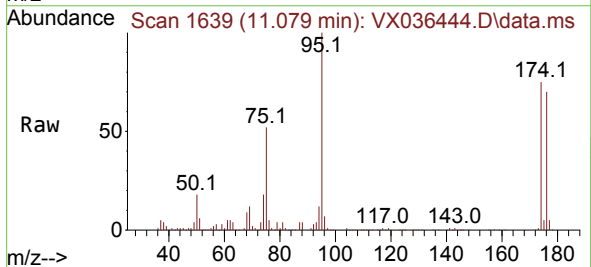
Instrument :
MSVOA_X
ClientSampleId :
MW-4

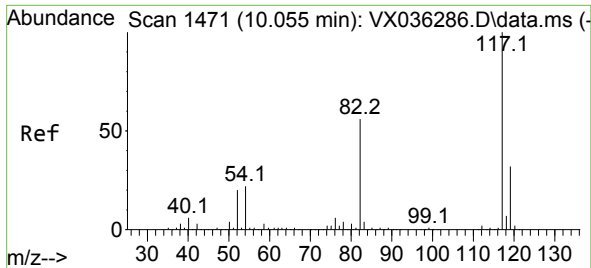
Tgt Ion: 43 Resp: 5361
Ion Ratio Lower Upper
43 100
58 58.9 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 53.275 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 95 Resp: 133070
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 69.9 0.0 131.0

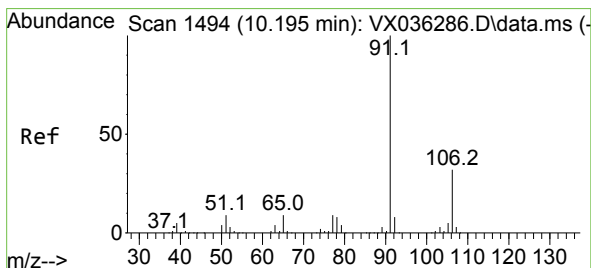
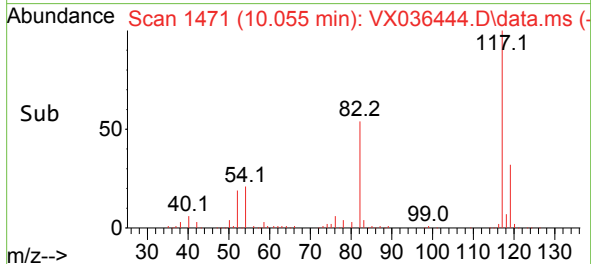
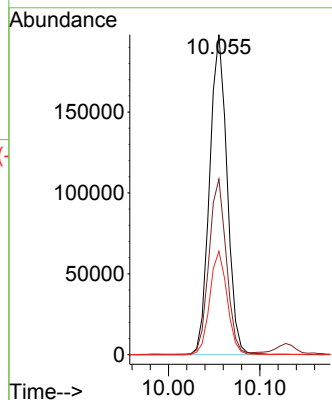
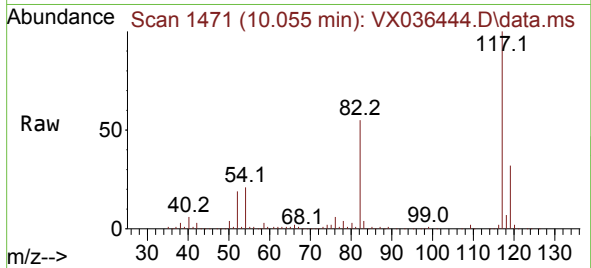




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

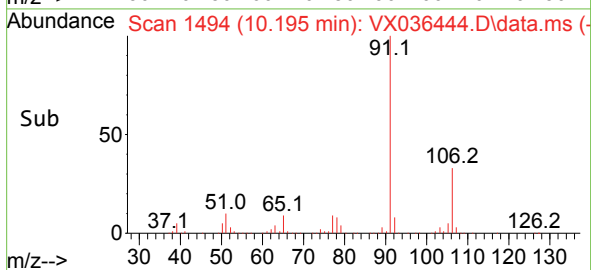
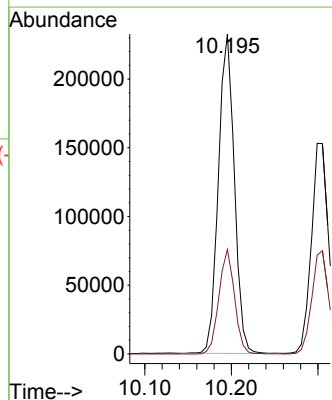
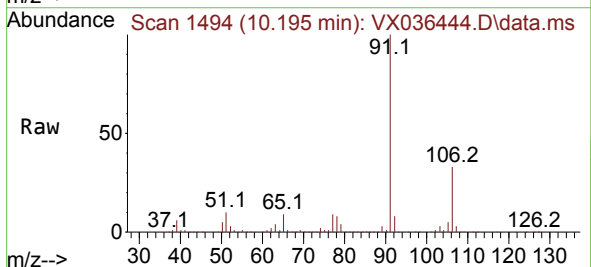
Instrument :
MSVOA_X
ClientSampleId :
MW-4

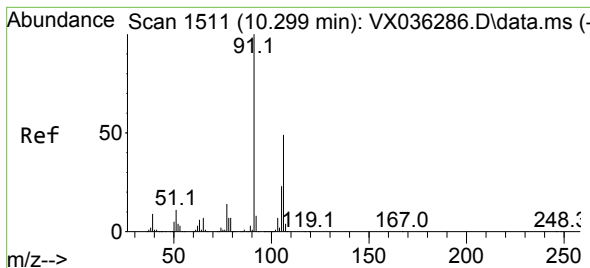
Tgt Ion:117 Resp: 261726
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 30.362 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 91 Resp: 296972
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

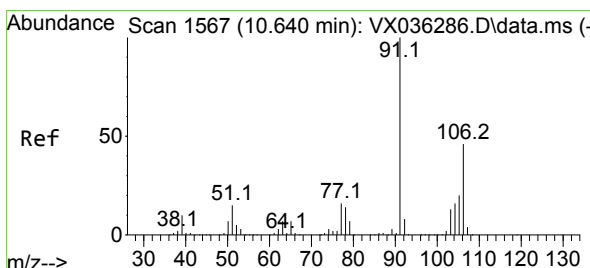
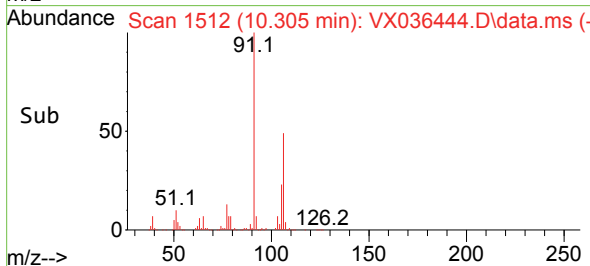
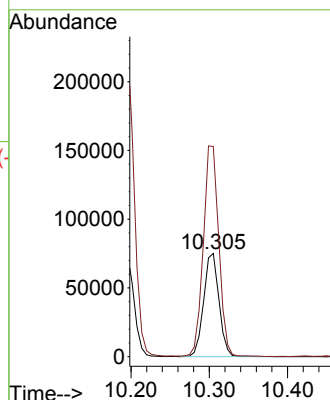
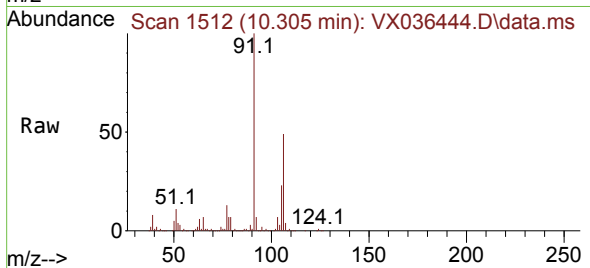




#68
m/p-Xylenes
Concen: 26.797 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

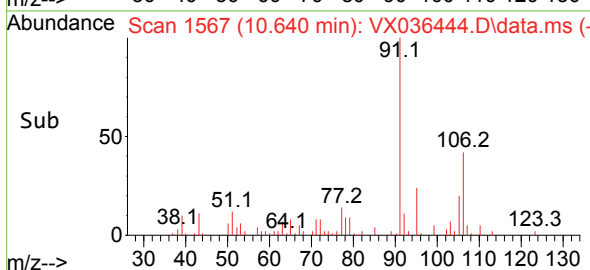
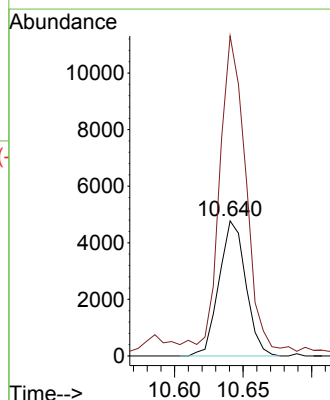
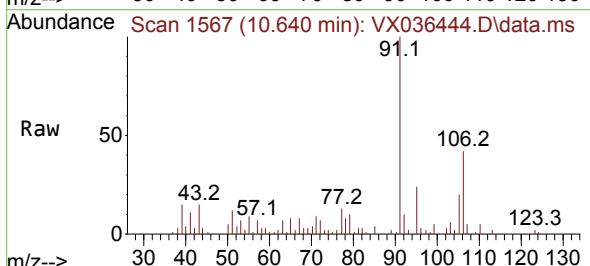
Instrument :
MSVOA_X
ClientSampleId :
MW-4

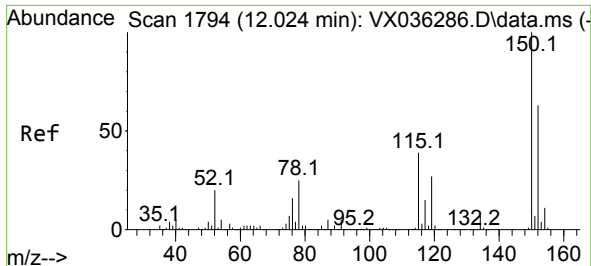
Tgt Ion:106 Resp: 101834
Ion Ratio Lower Upper
106 100
91 206.6 165.5 248.3



#69
o-Xylene
Concen: 1.764 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion:106 Resp: 6473
Ion Ratio Lower Upper
106 100
91 224.8 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-4

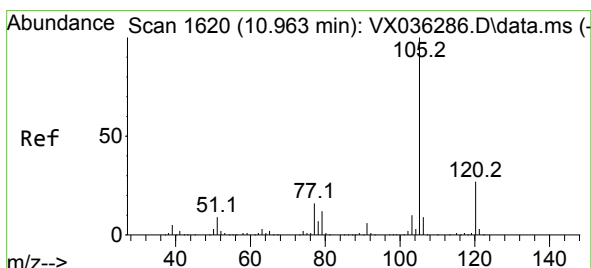
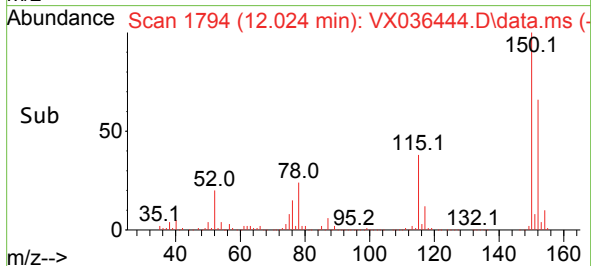
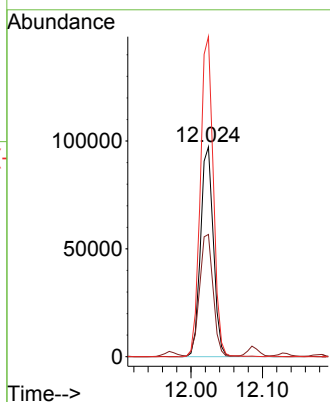
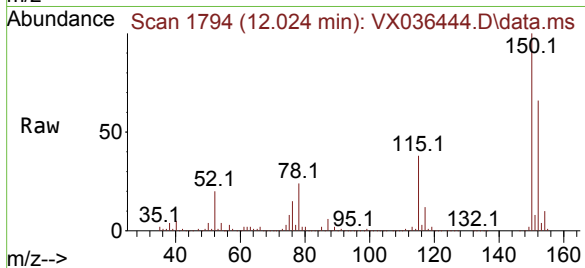
Tgt Ion:152 Resp: 121683

Ion Ratio Lower Upper

152 100

115 60.8 43.3 129.9

150 153.9 0.0 345.0



#73

Isopropylbenzene

Concen: 41.524 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX036444.D

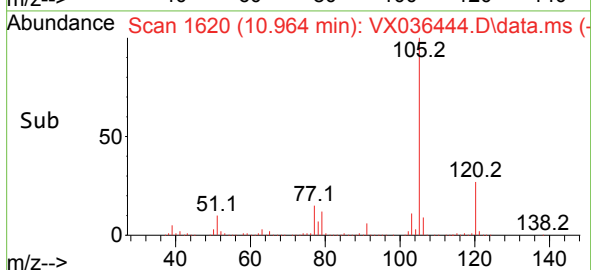
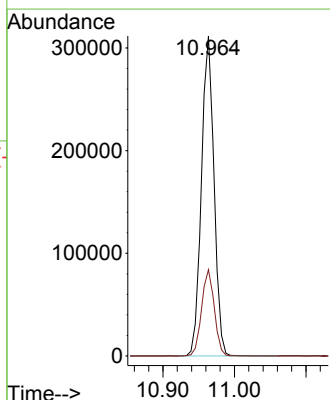
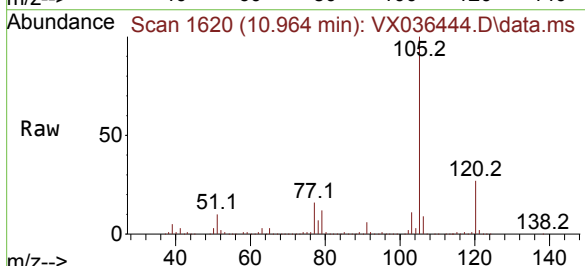
Acq: 06 Jul 2023 19:03

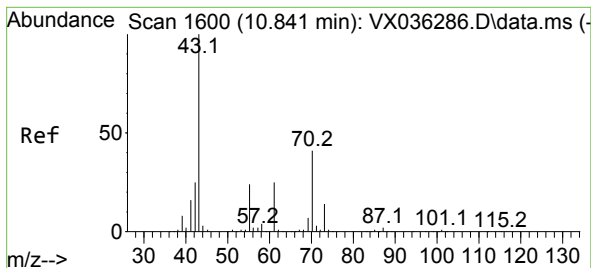
Tgt Ion:105 Resp: 380779

Ion Ratio Lower Upper

105 100

120 27.2 12.9 38.6





#74

N-amy1 acetate

Concen: 0.505 ug/l

RT: 10.842 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-4

Tgt Ion: 43 Resp: 1833

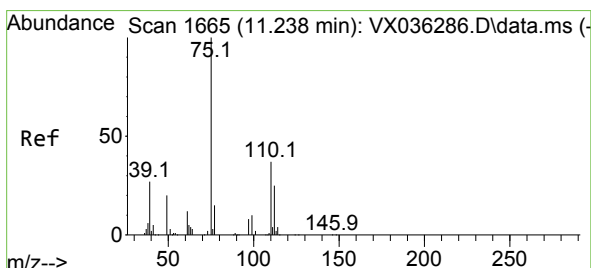
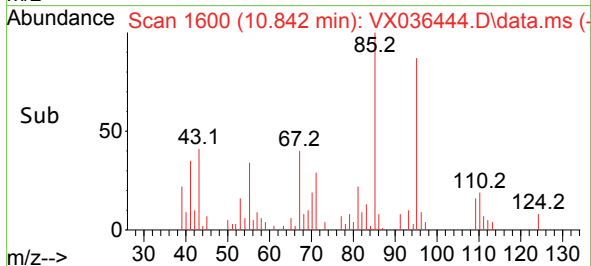
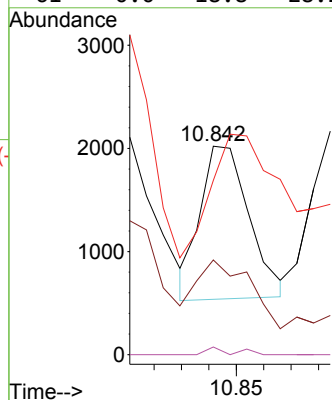
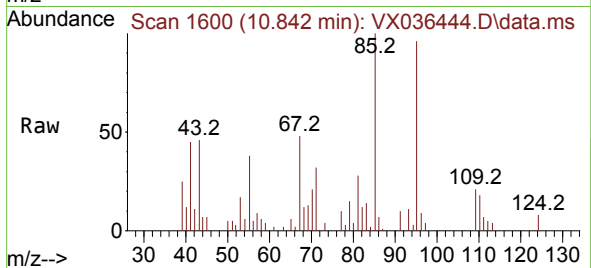
Ion Ratio Lower Upper

43 100

70 46.7 32.9 49.3

55 244.6 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 2.937 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX036444.D

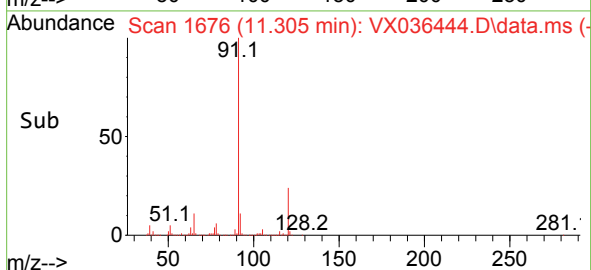
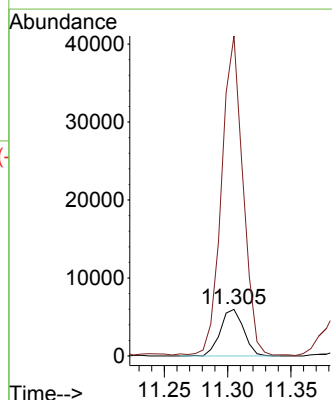
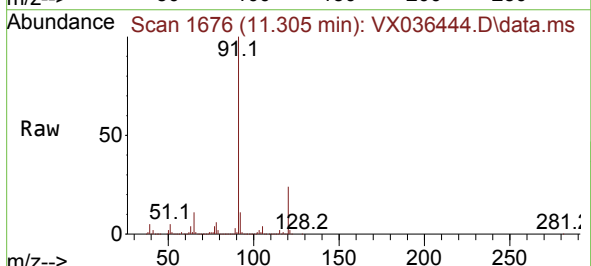
Acq: 06 Jul 2023 19:03

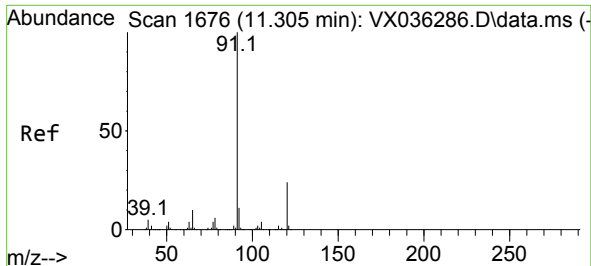
Tgt Ion: 75 Resp: 7623

Ion Ratio Lower Upper

75 100

77 629.2 19.1 57.5#

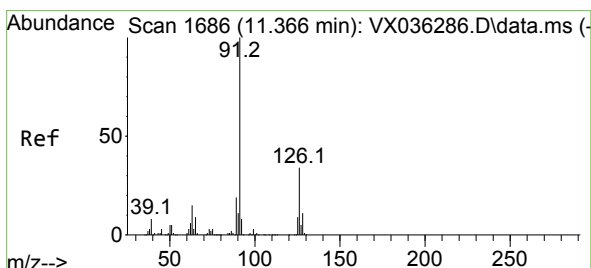
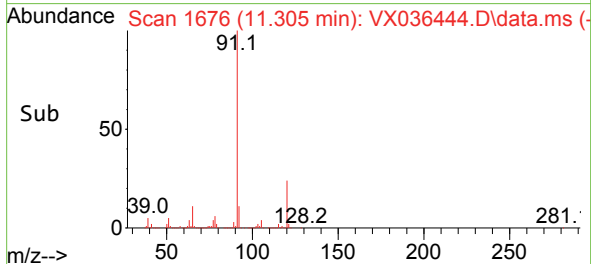
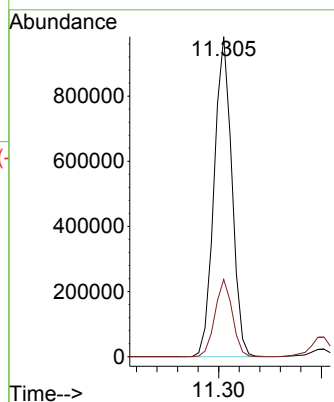
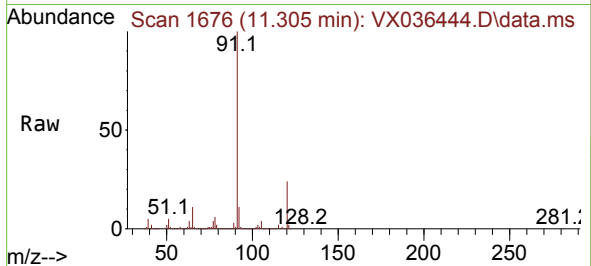




#78
n-propylbenzene
Concen: 109.380 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

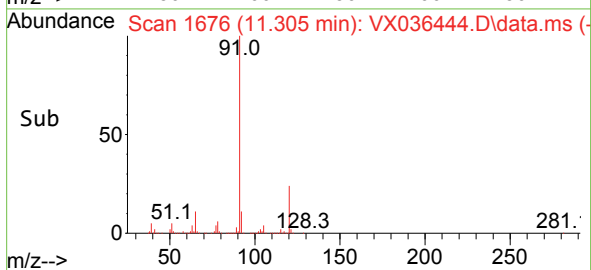
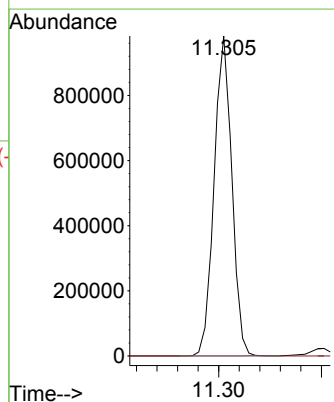
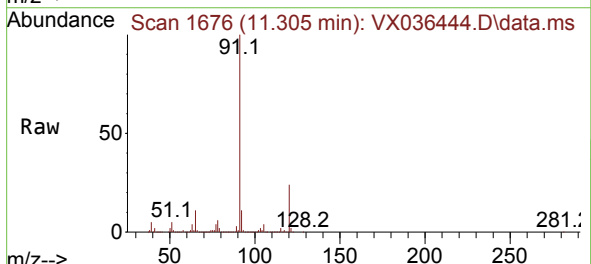
Instrument :
MSVOA_X
ClientSampleId :
MW-4

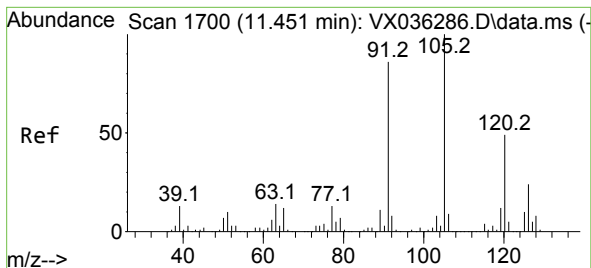
Tgt Ion: 91 Resp: 1171401
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 183.870 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 91 Resp: 1171401
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 13.929 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

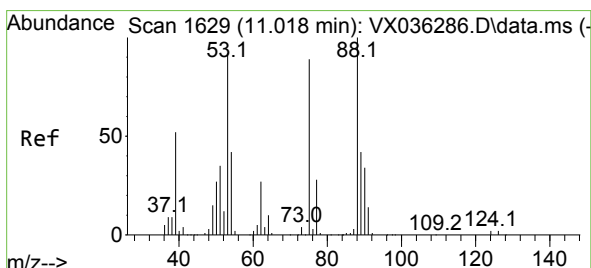
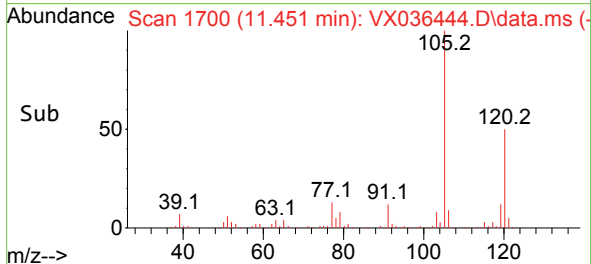
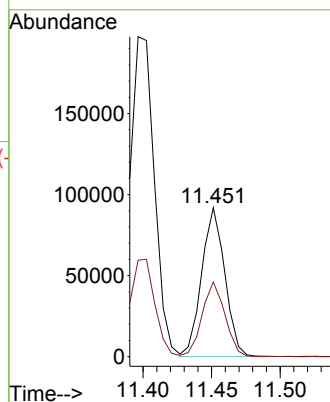
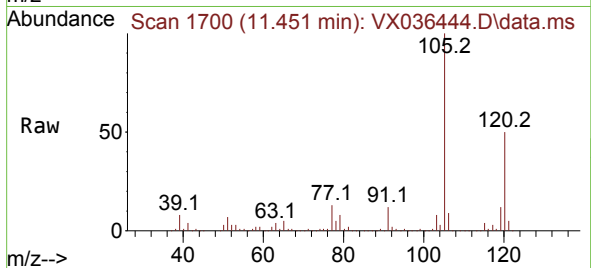
MW-4

Tgt Ion:105 Resp: 108174

Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 5.781 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. -0.054 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

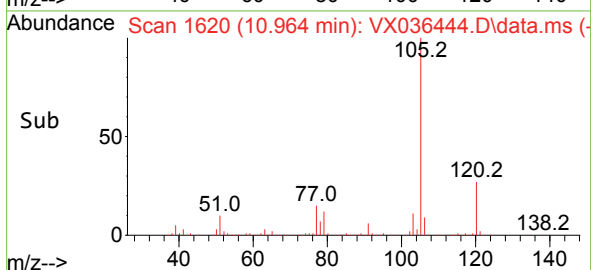
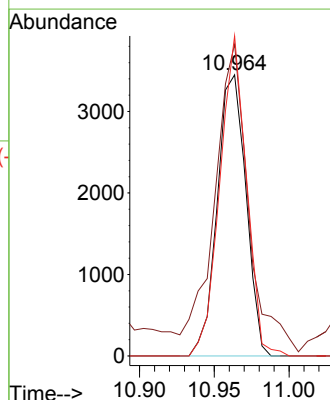
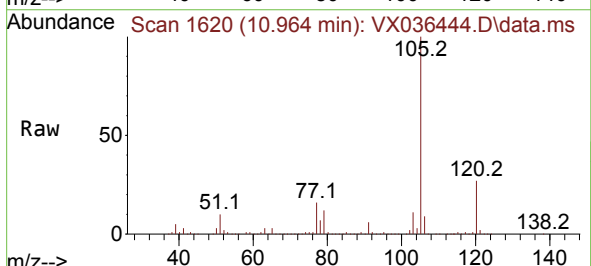
Tgt Ion: 75 Resp: 4603

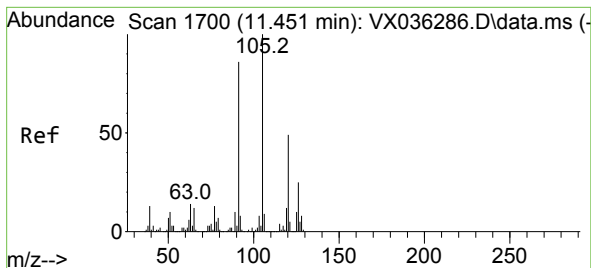
Ion Ratio Lower Upper

75 100

53 128.7 90.5 135.7

89 105.9 36.9 55.3#

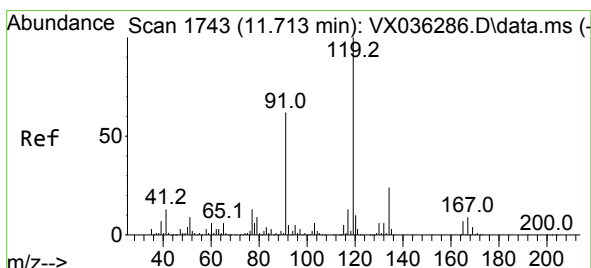
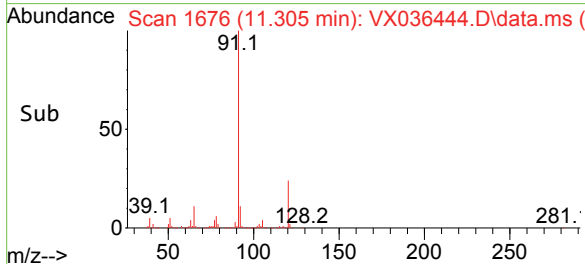
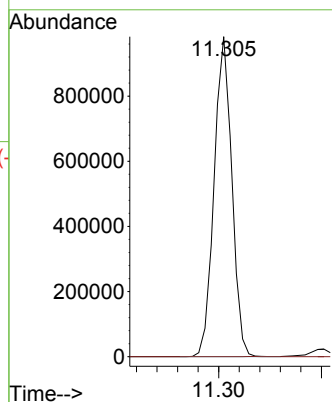
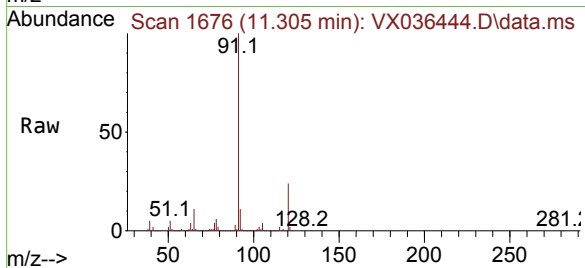




#82
4-Chlorotoluene
Concen: 157.934 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.146 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

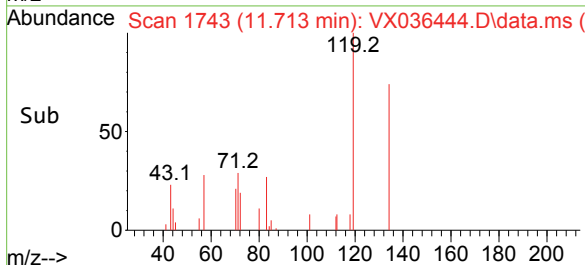
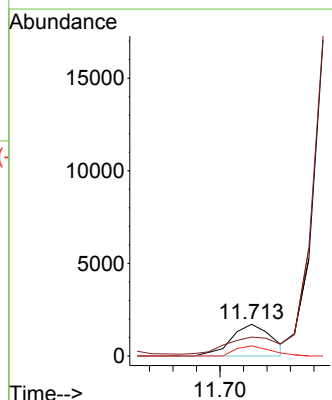
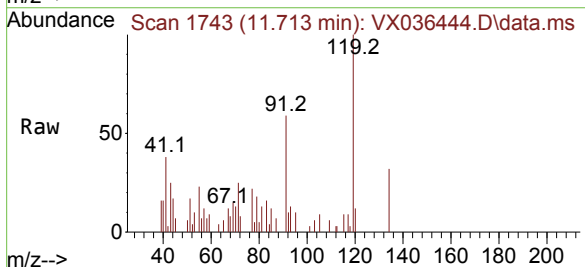
Instrument :
MSVOA_X
ClientSampleId :
MW-4

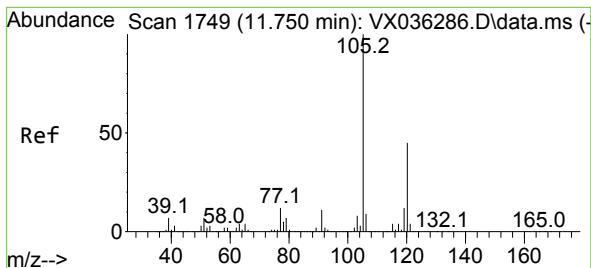
Tgt Ion: 91 Resp: 1171401
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#



#83
tert-Butylbenzene
Concen: 0.272 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 119 Resp: 2026
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: 37.999 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

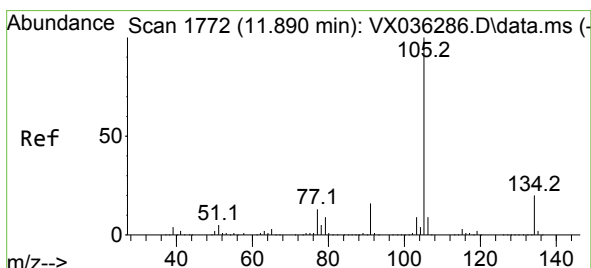
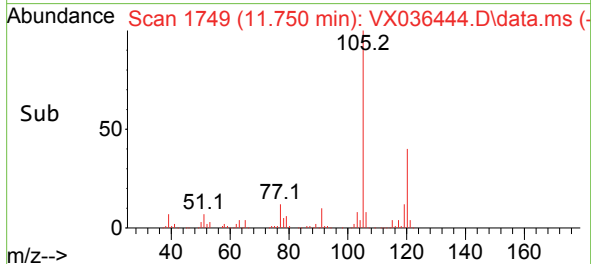
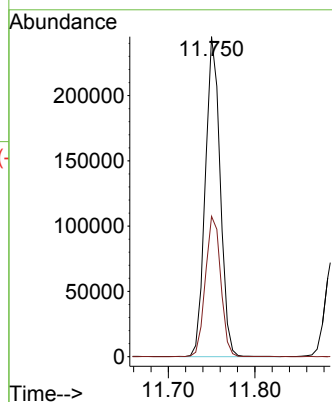
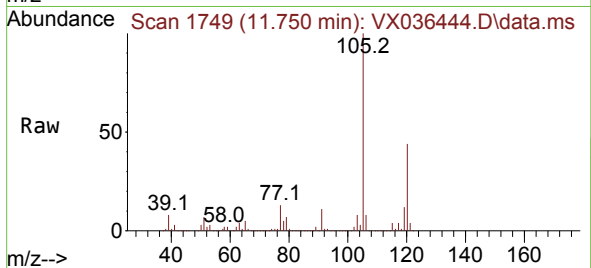
MW-4

Tgt Ion:105 Resp: 291949

Ion Ratio Lower Upper

105 100

120 45.3 21.2 63.6



#85

sec-Butylbenzene

Concen: 10.625 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036444.D

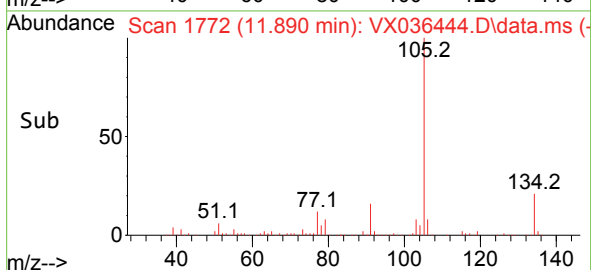
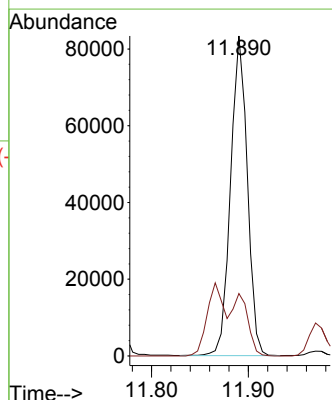
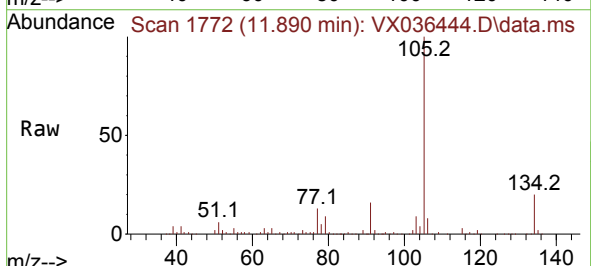
Acq: 06 Jul 2023 19:03

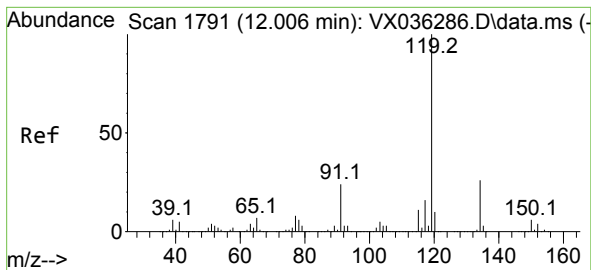
Tgt Ion:105 Resp: 100183

Ion Ratio Lower Upper

105 100

134 18.2 9.8 29.4





#86

p-Isopropyltoluene

Concen: 2.575 ug/l

RT: 12.006 min Scan# 119

Delta R.T. 0.000 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-4

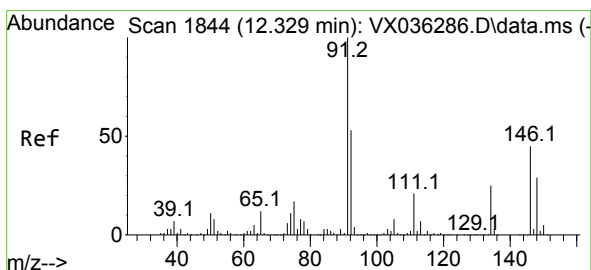
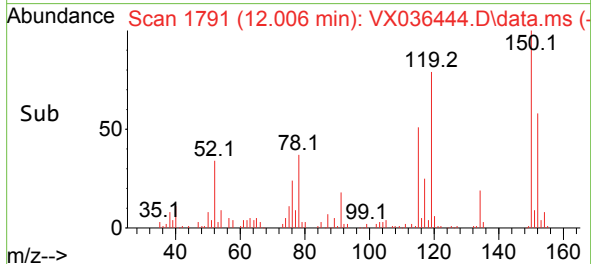
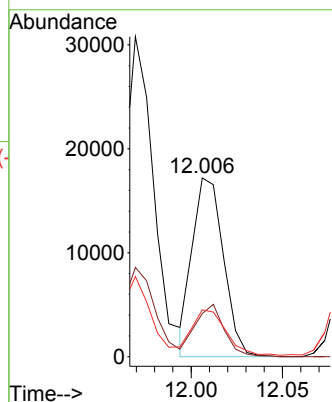
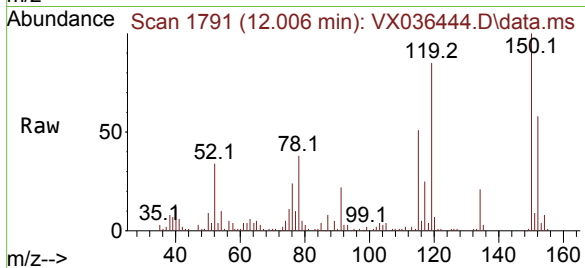
Tgt Ion:119 Resp: 20376

Ion Ratio Lower Upper

119 100

134 27.4 12.8 38.3

91 28.7 13.1 39.3



#89

n-Butylbenzene

Concen: 23.701 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036444.D

Acq: 06 Jul 2023 19:03

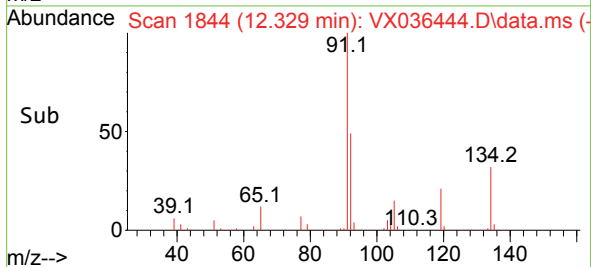
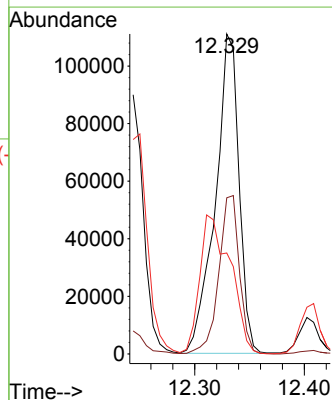
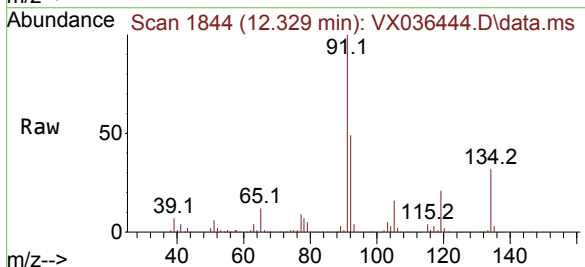
Tgt Ion: 91 Resp: 166906

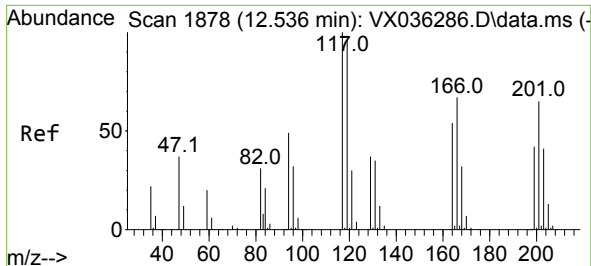
Ion Ratio Lower Upper

91 100

92 43.3 27.4 82.0

134 0.0 12.6 37.8#

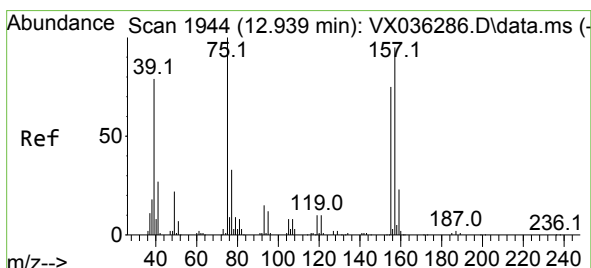
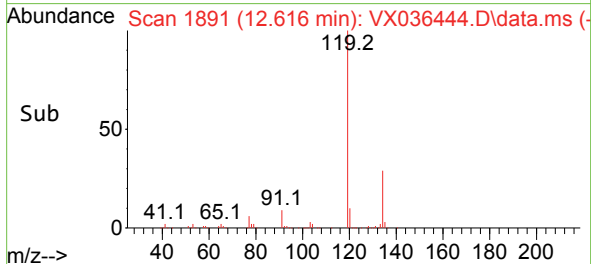
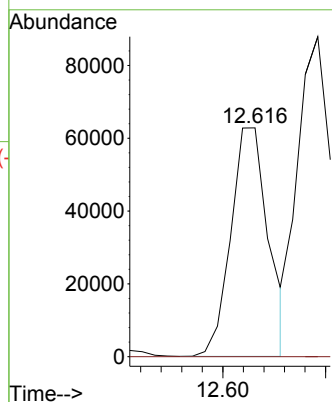
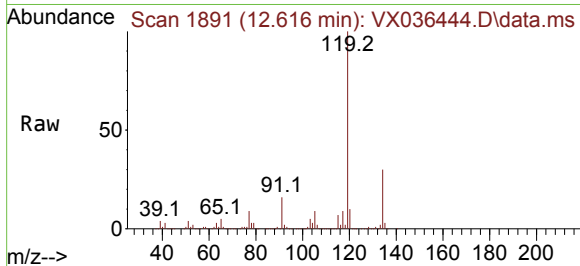




#90
Hexachloroethane
Concen: 66.572 ug/l
RT: 12.616 min Scan# 1878
Delta R.T. 0.080 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

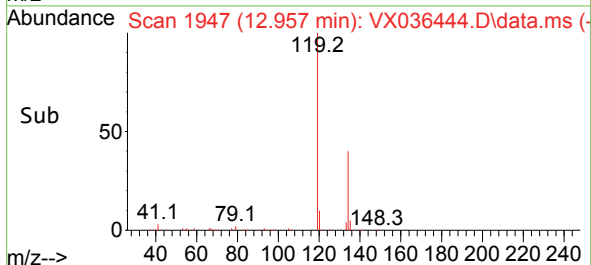
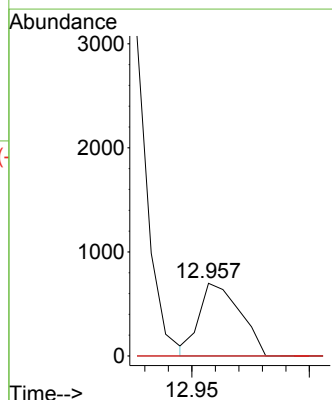
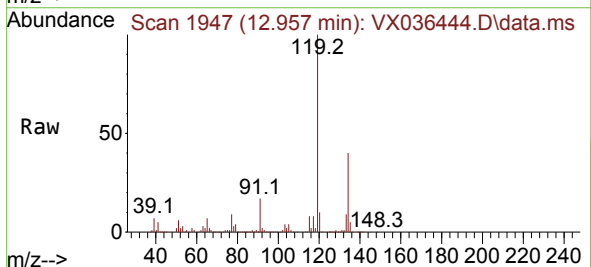
Instrument :
MSVOA_X
ClientSampleId :
MW-4

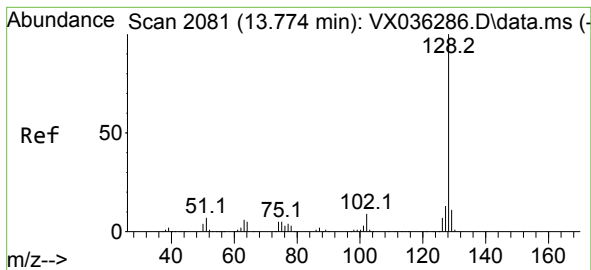
Tgt Ion:117 Resp: 79785
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.428 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.012 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Tgt Ion: 75 Resp: 842
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#





#95
Naphthalene
Concen: 62.345 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX036444.D
Acq: 06 Jul 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:128 Resp: 517870
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.6 8.8 13.2

