

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034130.D
 Acq On : 10 Feb 2023 21:18
 Operator : JC/MD
 Sample : 01481-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-46-020723

Quant Time: Feb 11 00:42:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

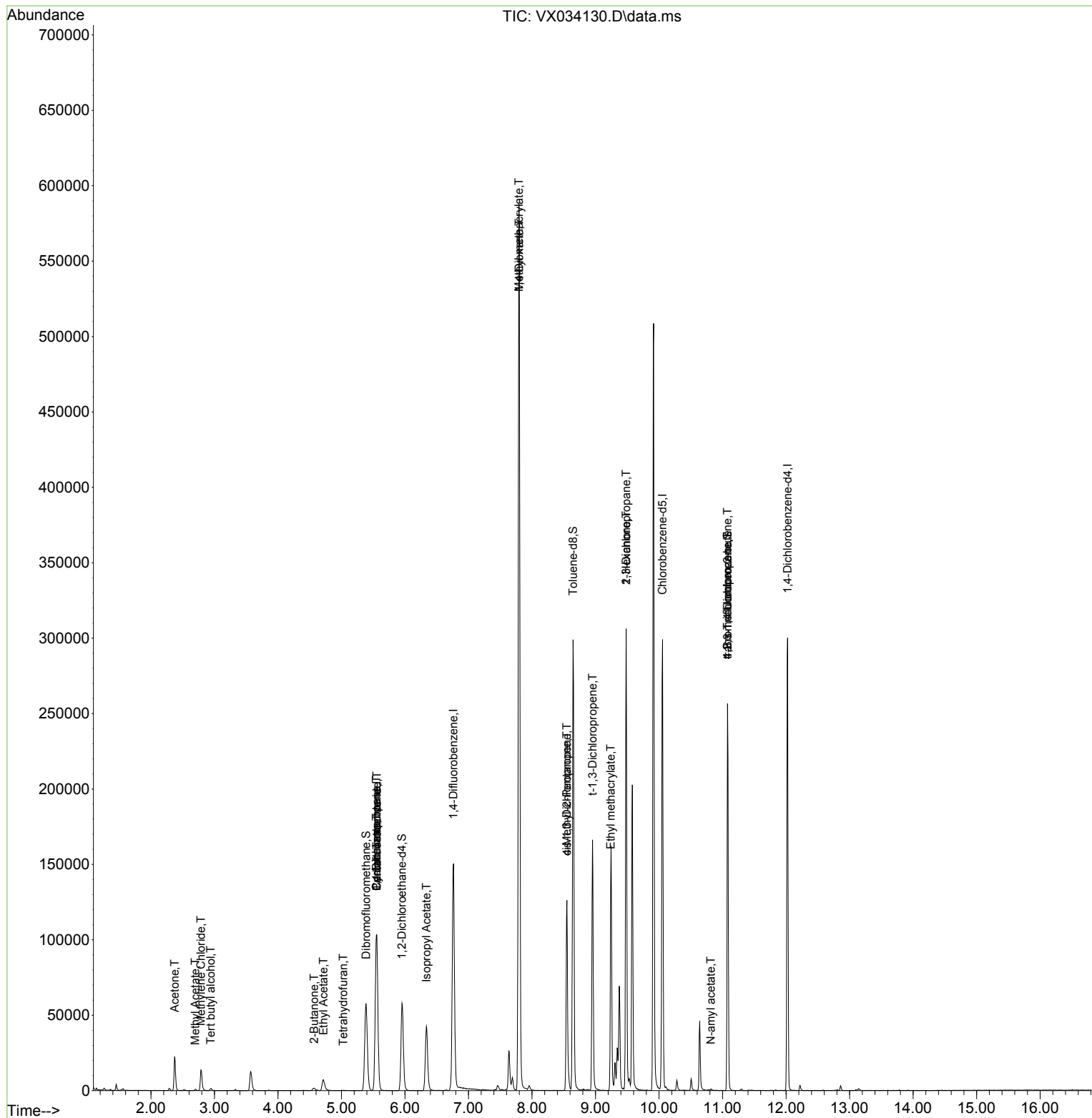
Internal Standards						
1) Pentafluorobenzene	5.556	168	114845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57156	51.624	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.240%	
35) Dibromofluoromethane	5.385	113	51112	50.167	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.340%	
50) Toluene-d8	8.647	98	182701	49.771	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	11.079	95	65670	50.090	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.180%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1250	8.058	ug/l #	86
16) Acetone	2.373	43	23879	51.065	ug/l	94
18) Methyl Acetate	2.696	43	1217	0.837	ug/l	93
20) Methylene Chloride	2.788	84	7391	6.909	ug/l	91
25) 2-Butanone	4.568	43	3147	4.622	ug/l	92
29) Tetrahydrofuran	5.025	42	313	0.723	ug/l #	34
31) Cyclohexane	5.550	56	1659	1.029	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6713	4.806	ug/l #	48
37) Ethyl Acetate	4.714	43	13775	10.586	ug/l	98
38) Carbon Tetrachloride	5.556	117	9957	6.683	ug/l #	15
43) Isopropyl Acetate	6.336	43	58095	28.627	ug/l	97
48) Methyl methacrylate	7.793	41	51664	49.307	ug/l #	46
49) 1,4-Dioxane	7.799	88	98	4.859	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	44959	35.319	ug/l #	51
53) t-1,3-Dichloropropene	8.951	75	344	0.253	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	21329	13.766	ug/l #	60
56) Ethyl methacrylate	9.238	69	343	0.235	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2766	1.618	ug/l #	43
59) 2-Hexanone	9.482	43	35196	37.782	ug/l #	52
74) N-amyl acetate	10.817	43	571	0.367	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	31296	25.772	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	31296	79.369	ug/l #	8

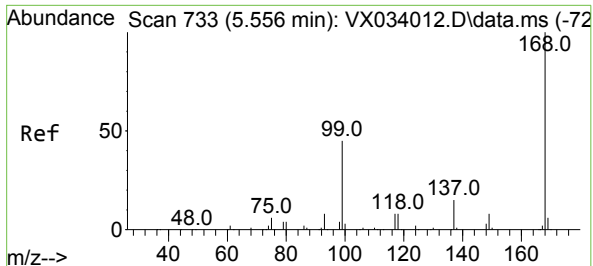
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

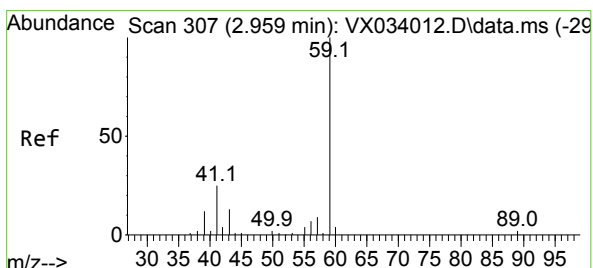
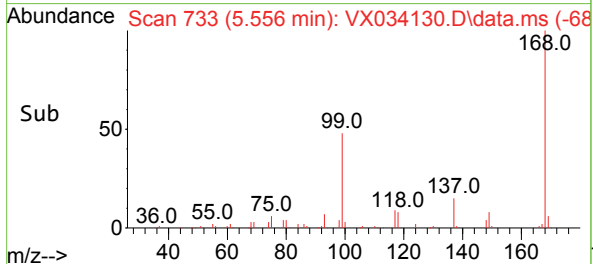
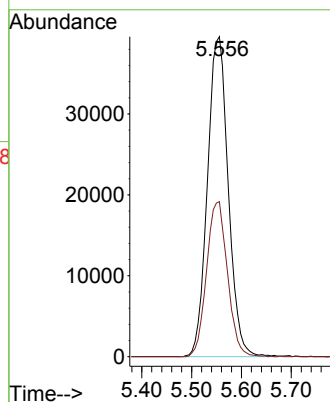
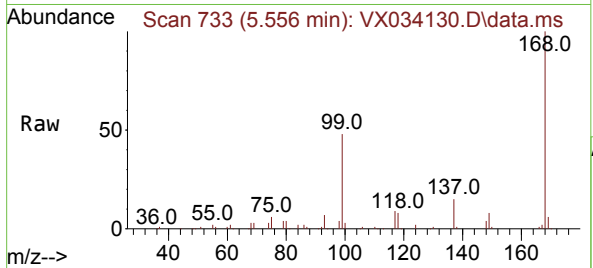




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

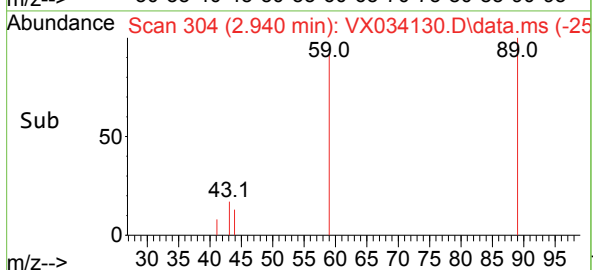
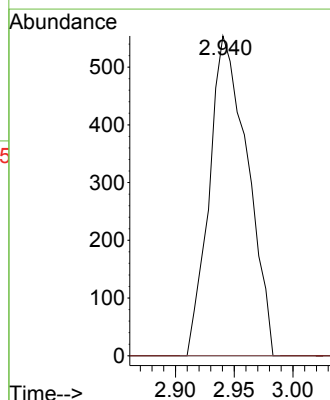
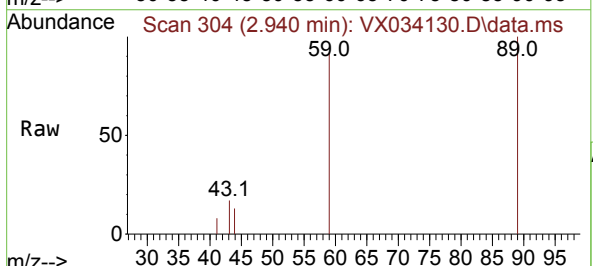
Instrument :
MSVOA_X
ClientSampleId :
JPP-46-020723

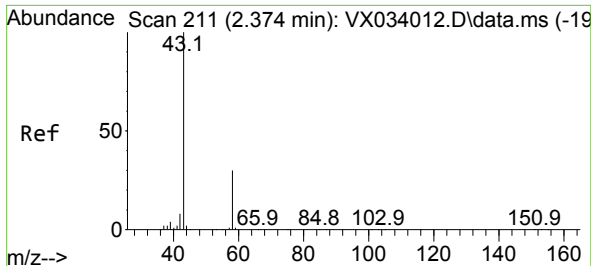
Tgt Ion:168 Resp: 114845
Ion Ratio Lower Upper
168 100
99 48.4 39.6 59.4



#11
Tert butyl alcohol
Concen: 8.058 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Tgt Ion: 59 Resp: 1250
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

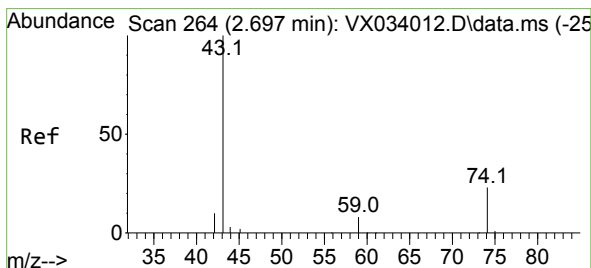
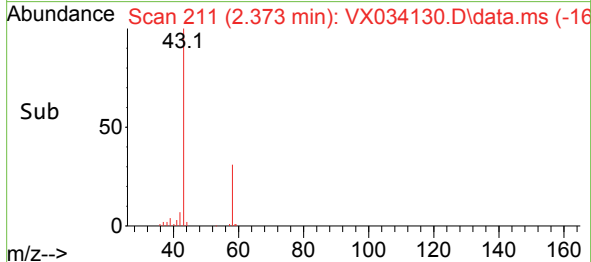
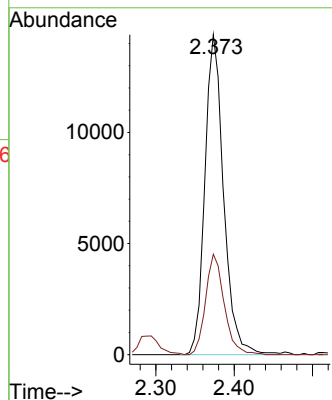
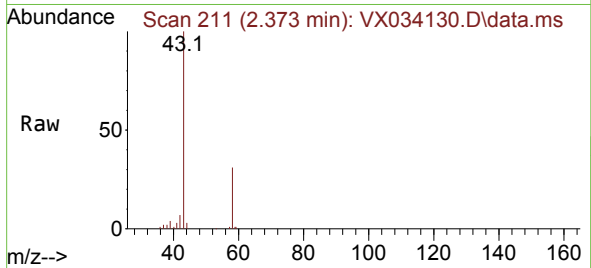




#16
Acetone
Concen: 51.065 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

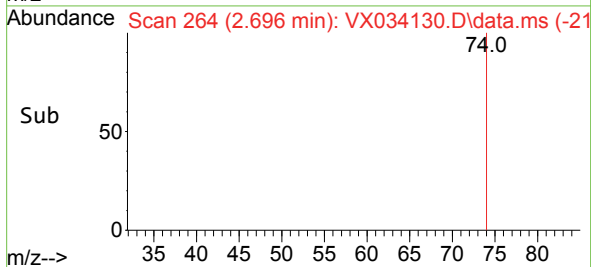
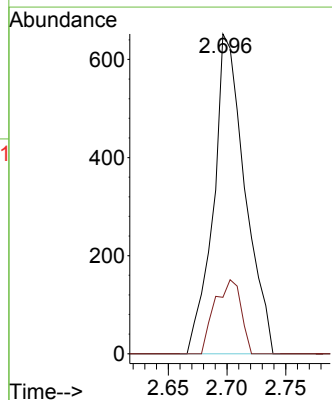
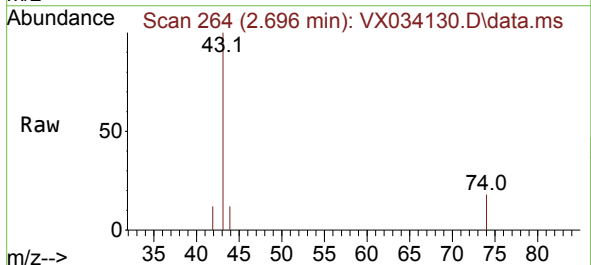
Instrument :
MSVOA_X
ClientSampleId :
JPP-46-020723

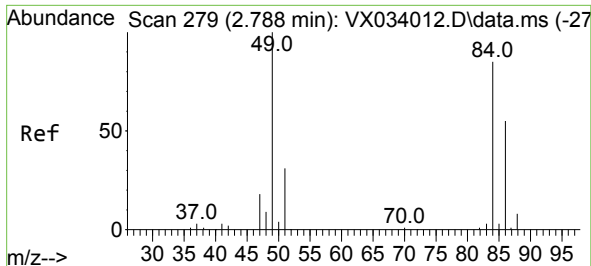
Tgt Ion: 43 Resp: 23879
Ion Ratio Lower Upper
43 100
58 31.4 22.6 33.8



#18
Methyl Acetate
Concen: 0.837 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

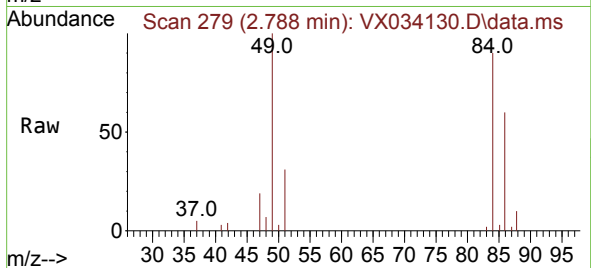
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
74 19.2 18.2 27.4



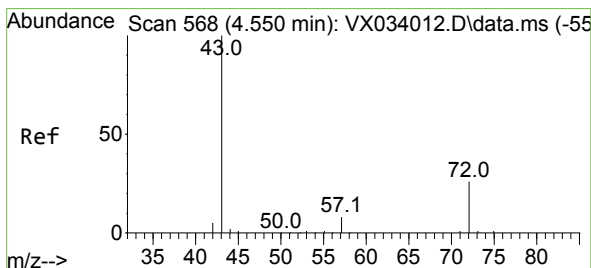
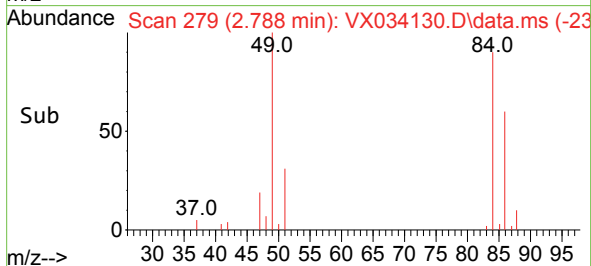
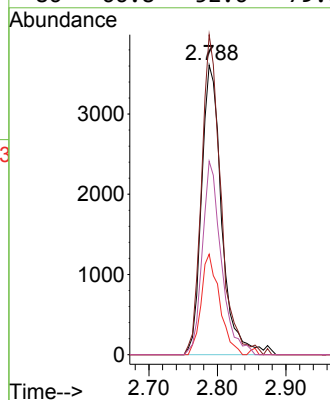


#20
Methylene Chloride
Concen: 6.909 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
JPP-46-020723

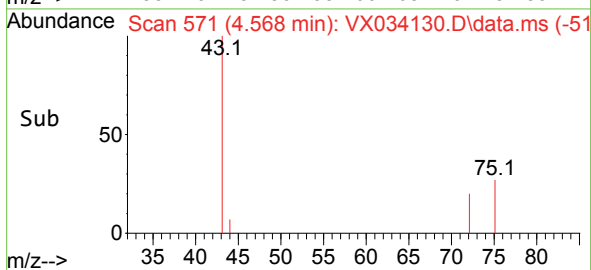
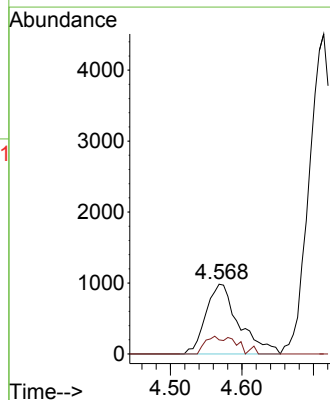
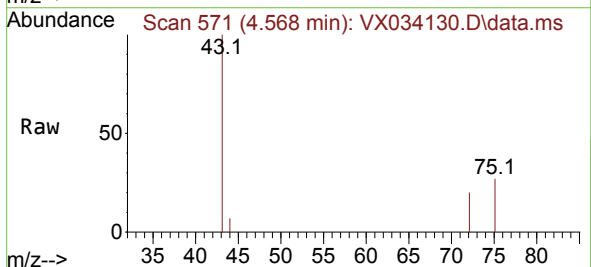


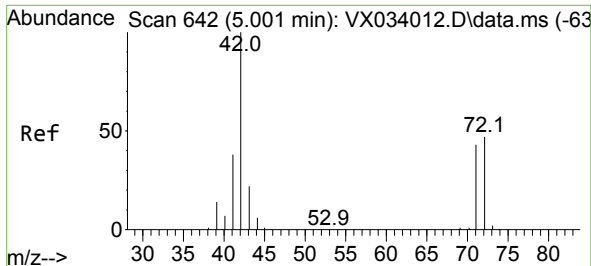
Tgt Ion: 84	Resp: 7391
Ion Ratio	Lower Upper
84 100	
49 110.5	101.1 151.7
51 34.7	31.0 46.6
86 66.8	52.6 79.0



#25
2-Butanone
Concen: 4.622 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Tgt Ion: 43	Resp: 3147		
Ion Ratio	Lower	Upper	
43 100			
72 20.1	19.4	29.2	





#29

Tetrahydrofuran

Concen: 0.723 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX034130.D

Acq: 10 Feb 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

JPP-46-020723

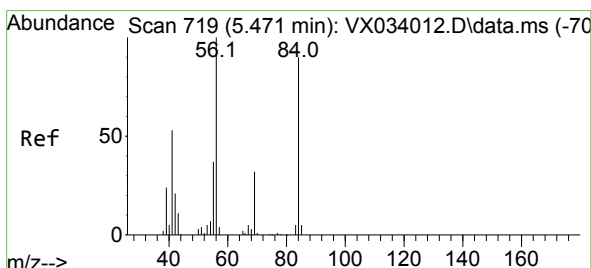
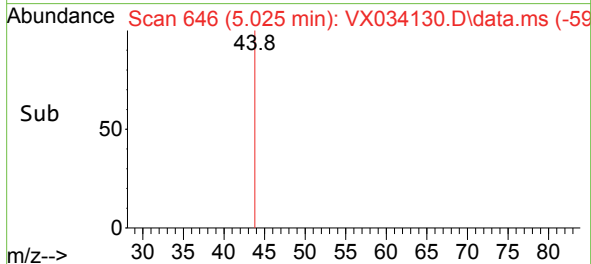
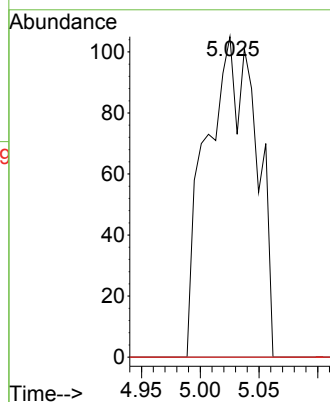
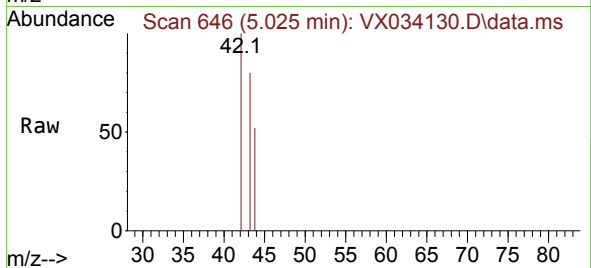
Tgt Ion: 42 Resp: 313

Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.029 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034130.D

Acq: 10 Feb 2023 21:18

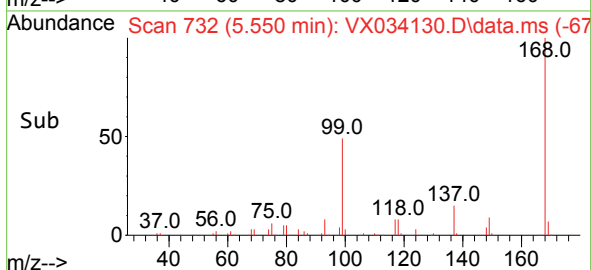
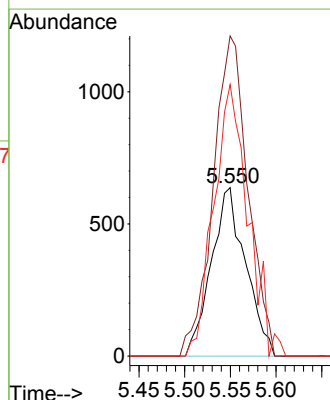
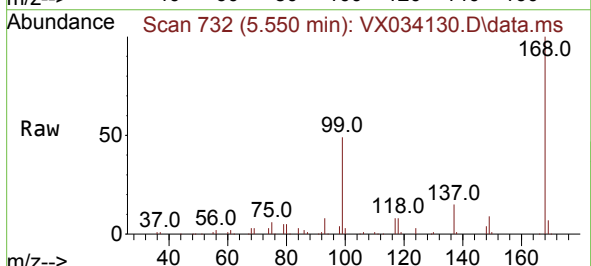
Tgt Ion: 56 Resp: 1659

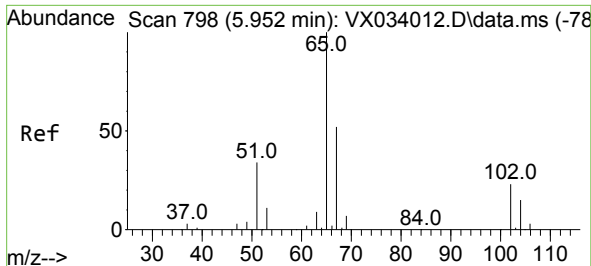
Ion Ratio Lower Upper

56 100

69 190.1 24.6 37.0#

84 161.2 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 51.624 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034130.D

Acq: 10 Feb 2023 21:18

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MSVOA_X

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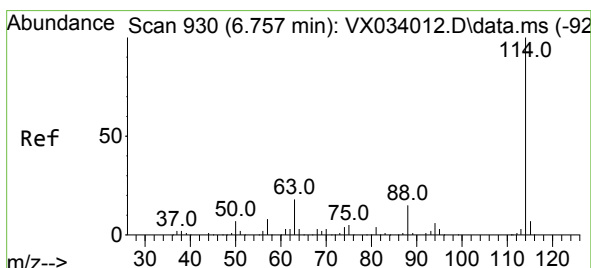
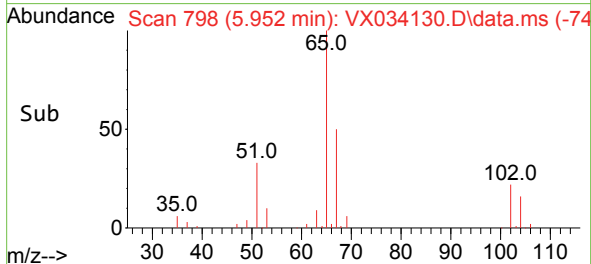
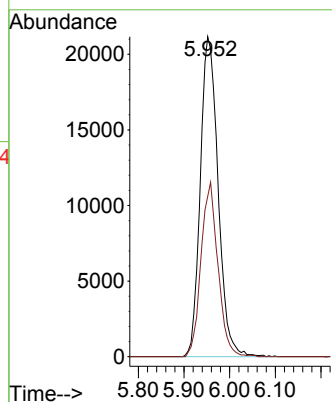
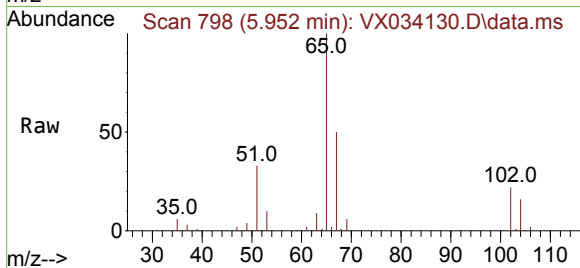
JPP-46-020723

Tgt Ion: 65 Resp: 57156

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034130.D

Acq: 10 Feb 2023 21:18

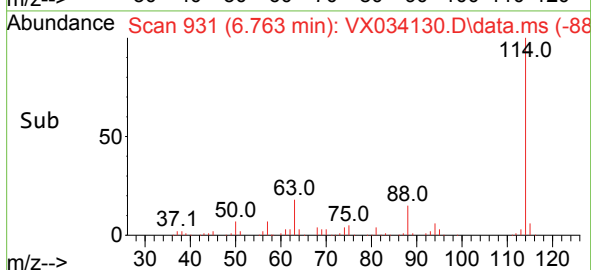
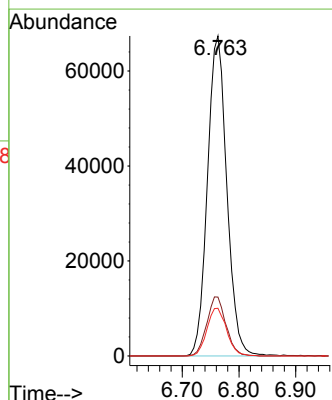
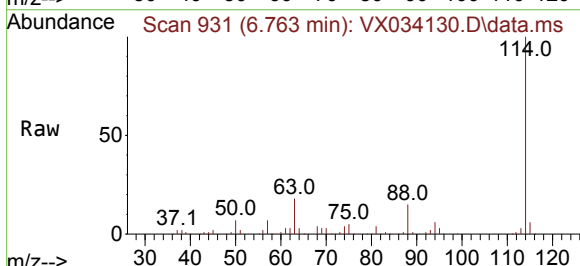
Tgt Ion: 114 Resp: 160086

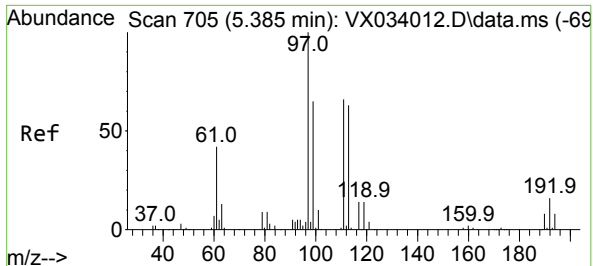
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.9 0.0 30.6

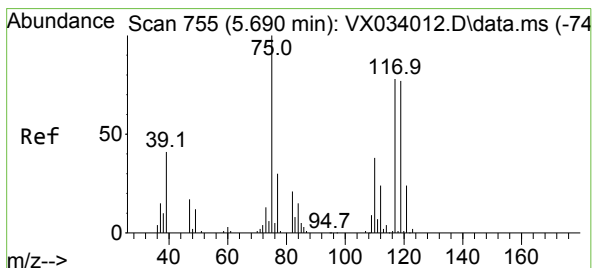
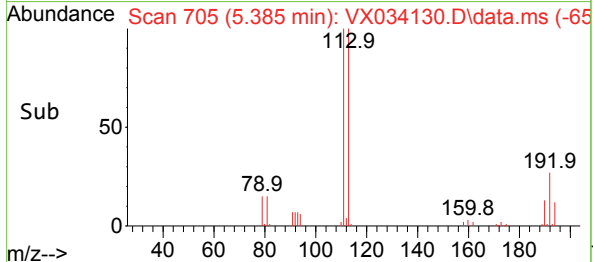
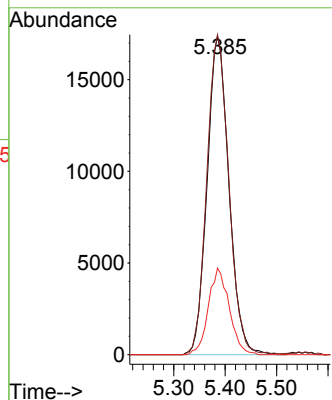
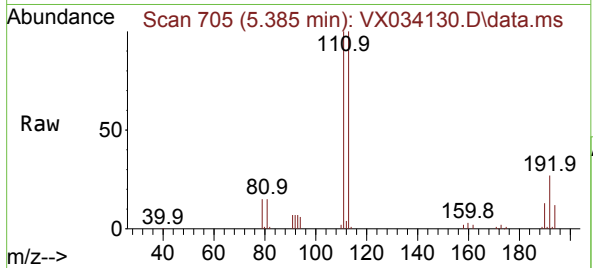




#35
Dibromofluoromethane
Concen: 50.167 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

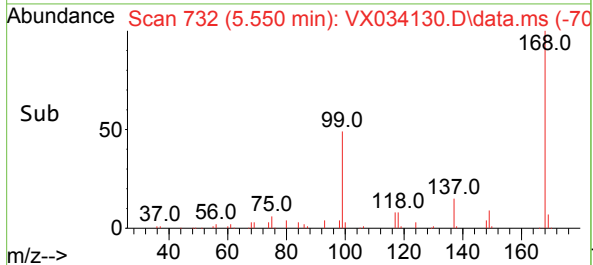
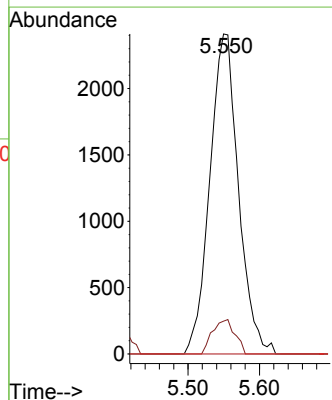
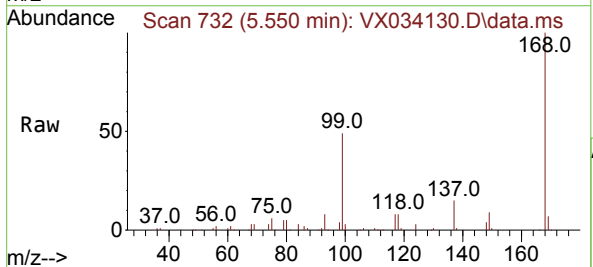
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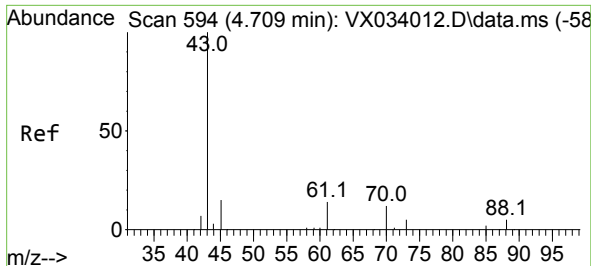
Tgt Ion:113 Resp: 51112
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 26.0 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Tgt Ion: 75 Resp: 6713
Ion Ratio Lower Upper
75 100
110 8.4 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 10.586 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX034130.D

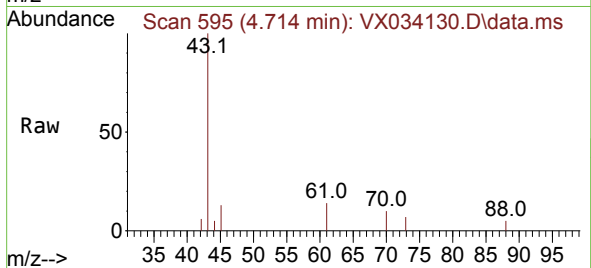
Acq: 10 Feb 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

JPP-46-020723



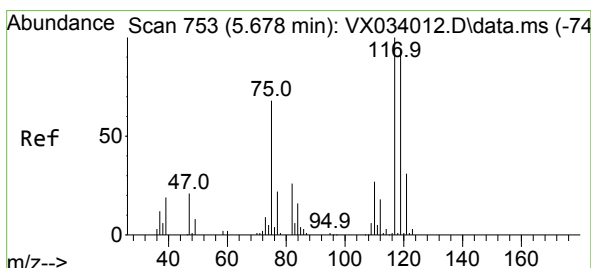
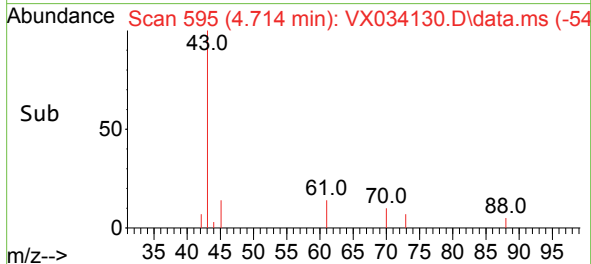
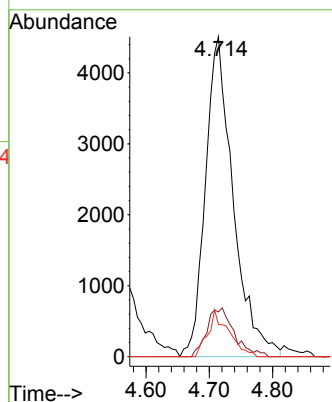
Tgt Ion: 43 Resp: 13775

Ion Ratio Lower Upper

43 100

61 15.0 11.1 16.7

70 11.0 8.5 12.7



#38

Carbon Tetrachloride

Concen: 6.683 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX034130.D

Acq: 10 Feb 2023 21:18

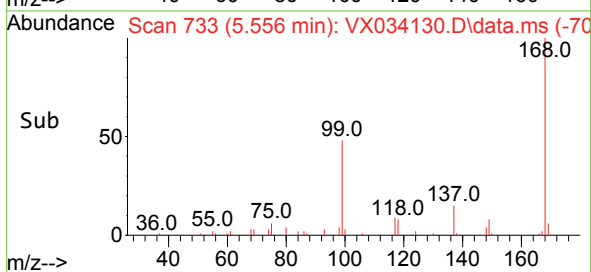
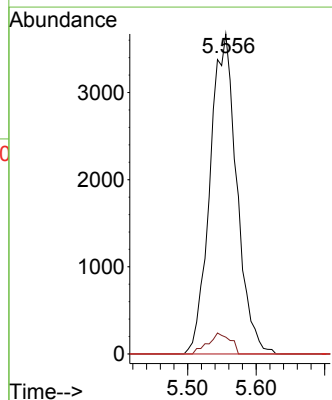
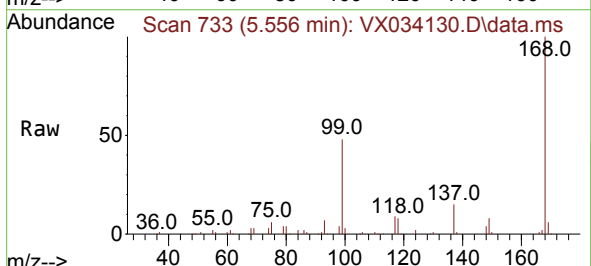
Tgt Ion: 117 Resp: 9957

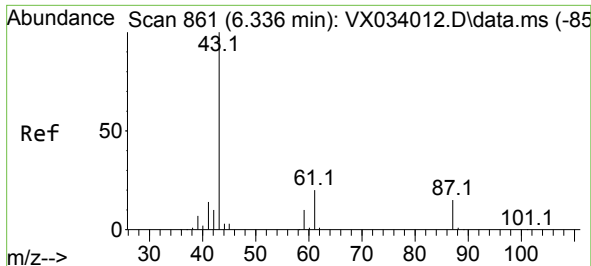
Ion Ratio Lower Upper

117 100

119 5.3 78.0 117.0#

121 0.0 24.4 36.6#

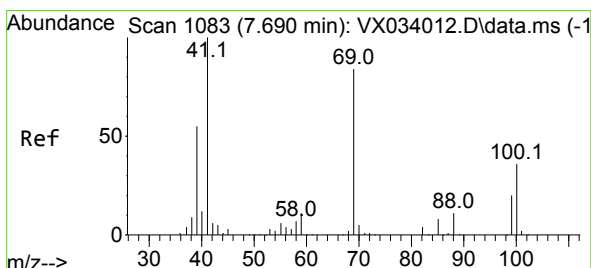
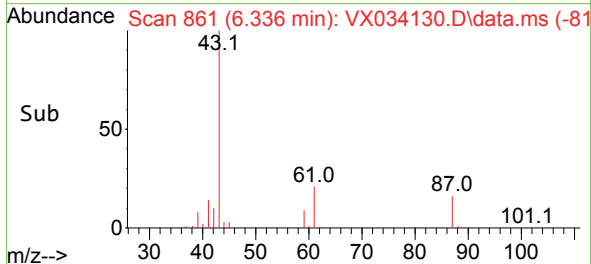
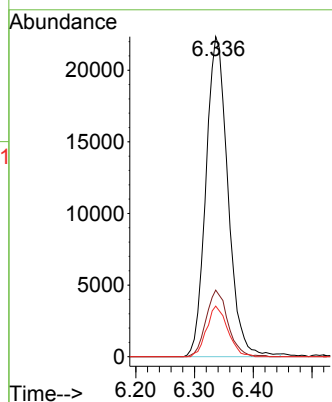
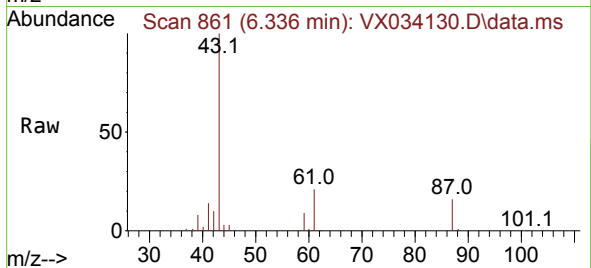




#43
Isopropyl Acetate
Concen: 28.627 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

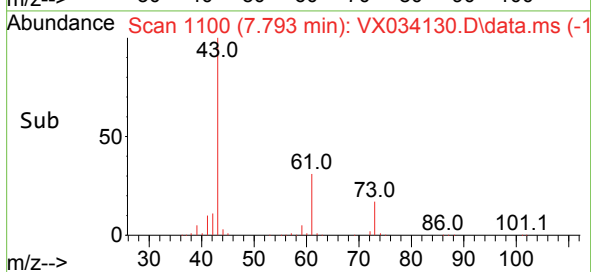
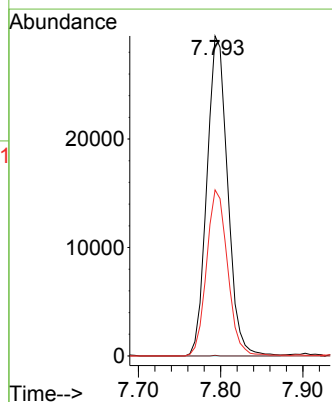
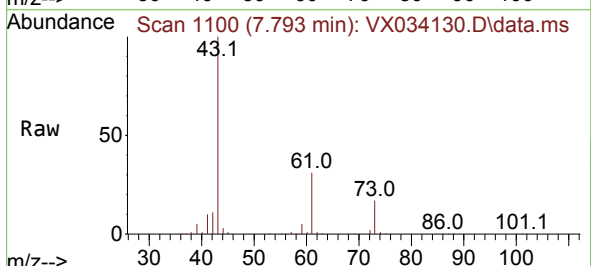
Instrument :
MSVOA_X
ClientSampleId :
JPP-46-020723

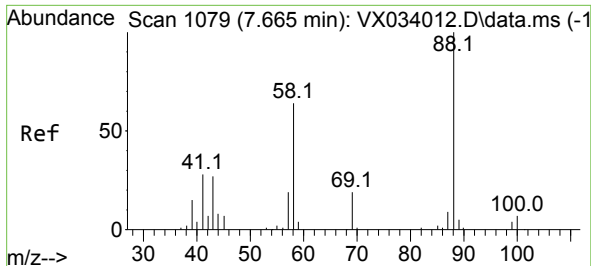
Tgt Ion: 43 Resp: 58095
Ion Ratio Lower Upper
43 100
61 20.7 15.7 23.5
87 15.1 10.6 15.8



#48
Methyl methacrylate
Concen: 49.307 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Tgt Ion: 41 Resp: 51664
Ion Ratio Lower Upper
41 100
69 0.0 63.1 94.7#
39 52.8 43.2 64.8

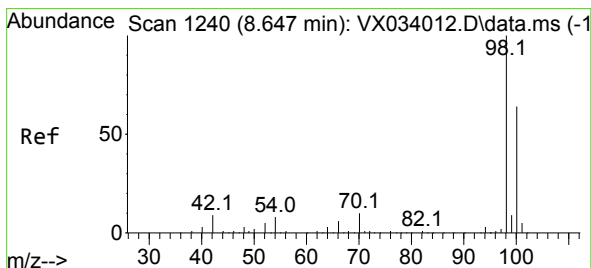
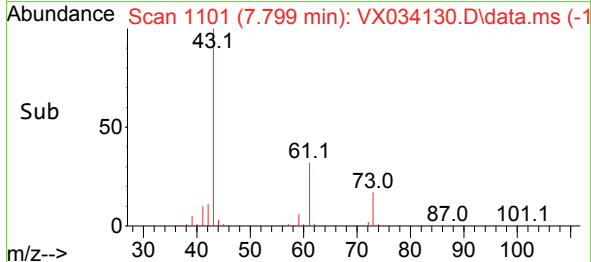
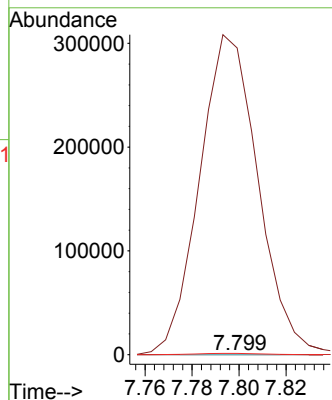
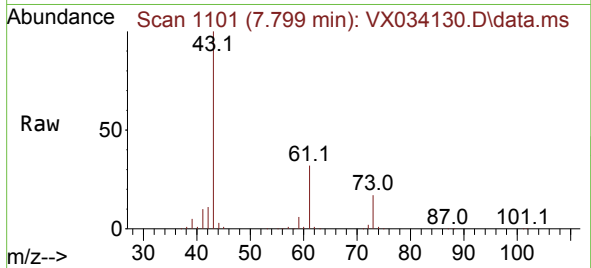




#49
1,4-Dioxane
Concen: 4.859 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

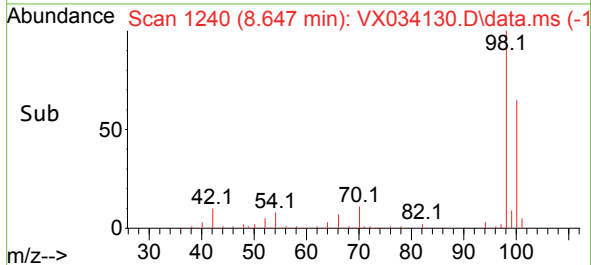
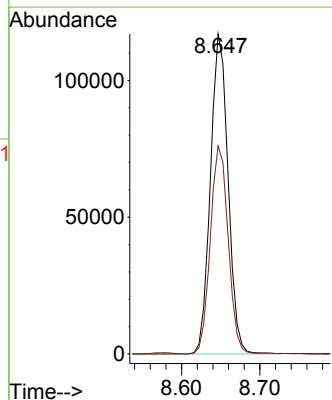
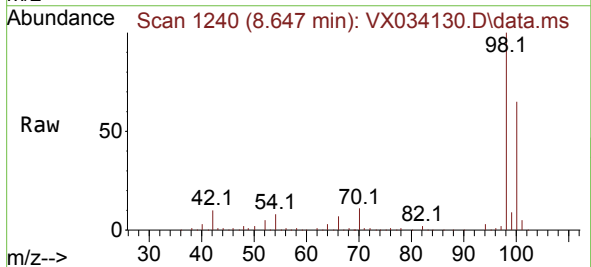
Instrument :
MSVOA_X
ClientSampleId :
JPP-46-020723

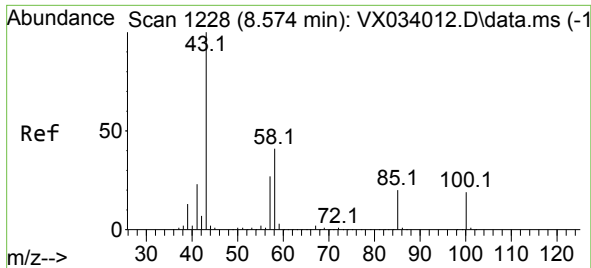
Tgt Ion: 88 Resp: 98
Ion Ratio Lower Upper
88 100
43 551667.3 0.0 0.0#
58 2426.5 56.5 84.7#



#50
Toluene-d8
Concen: 49.771 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Tgt Ion: 98 Resp: 182701
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4

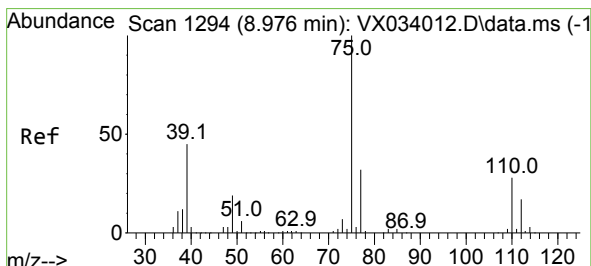
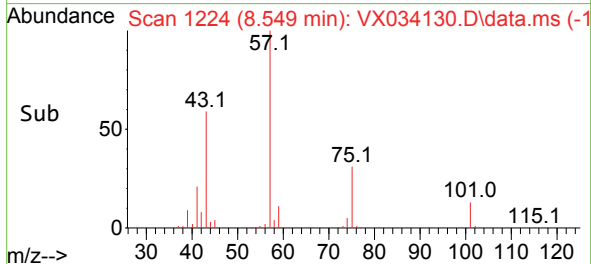
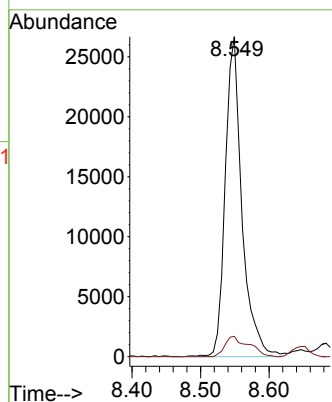
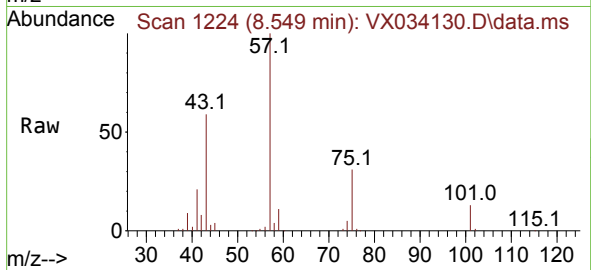




#51
4-Methyl-2-Pentanone
Concen: 35.319 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

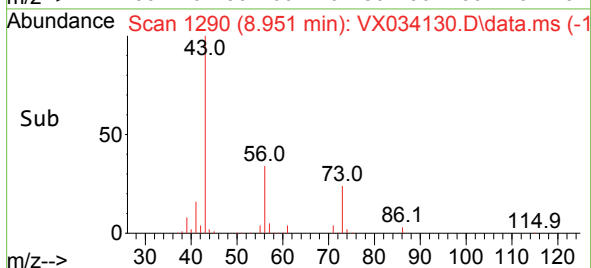
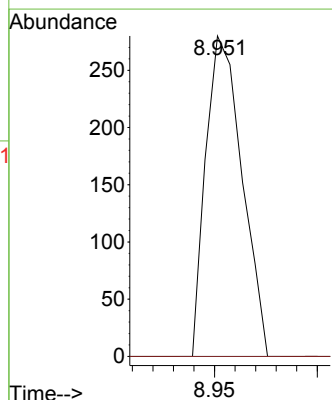
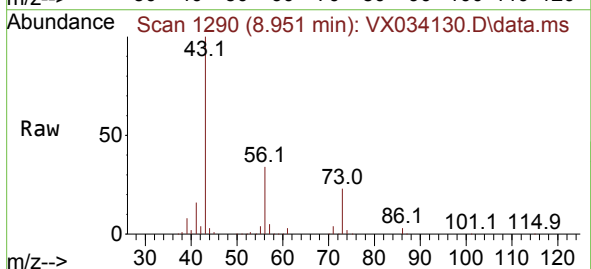
Instrument :
MSVOA_X
ClientSampleId :
JPP-46-020723

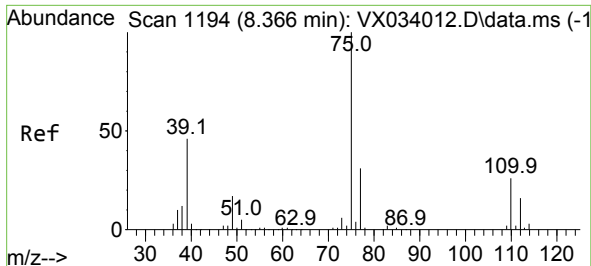
Tgt Ion: 43 Resp: 44959
Ion Ratio Lower Upper
43 100
58 9.1 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.253 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Tgt Ion: 75 Resp: 344
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

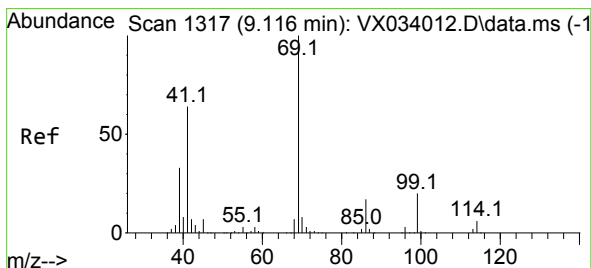
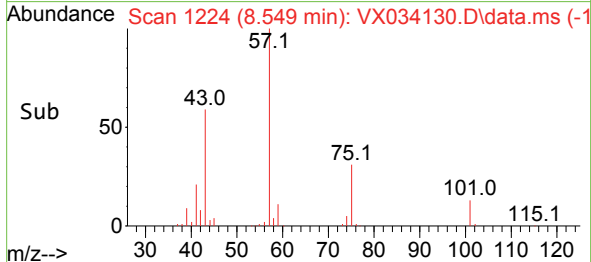
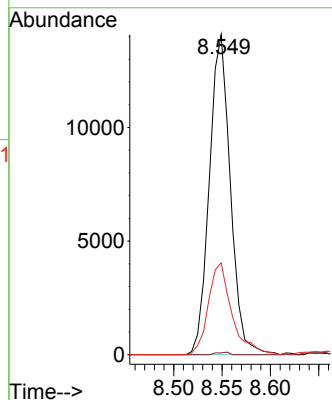
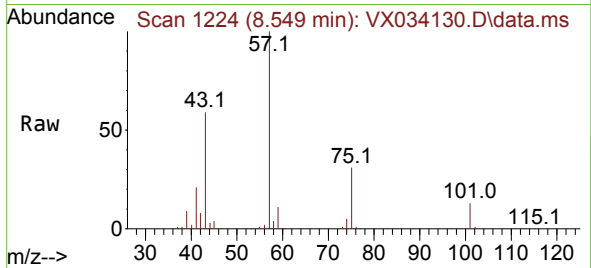




#54
 cis-1,3-Dichloropropene
 Concen: 13.766 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX034130.D
 Acq: 10 Feb 2023 21:18

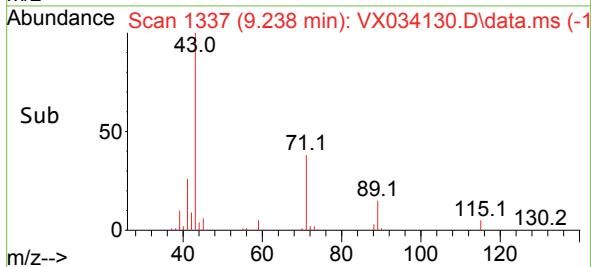
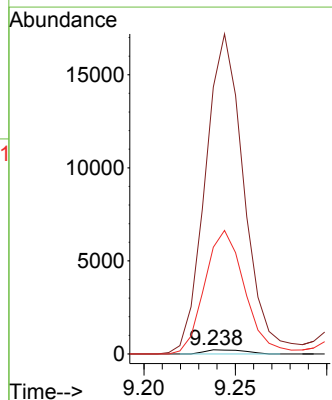
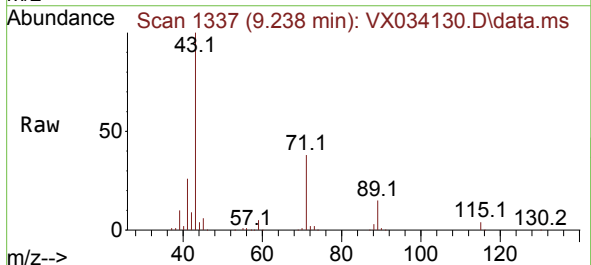
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-46-020723

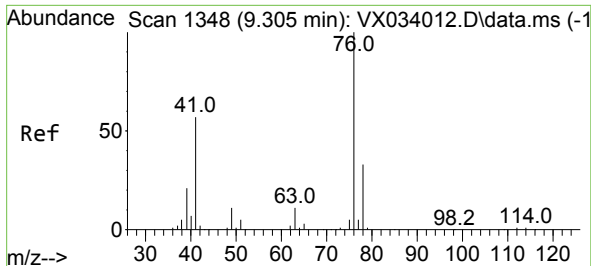
Tgt Ion: 75 Resp: 21329
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.6#
 39 28.7 38.6 58.0#



#56
 Ethyl methacrylate
 Concen: 0.235 ug/l
 RT: 9.238 min Scan# 1337
 Delta R.T. 0.122 min
 Lab File: VX034130.D
 Acq: 10 Feb 2023 21:18

Tgt Ion: 69 Resp: 343
 Ion Ratio Lower Upper
 69 100
 41 7428.0 55.1 82.7#
 39 2953.4 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.618 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX034130.D

Acq: 10 Feb 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

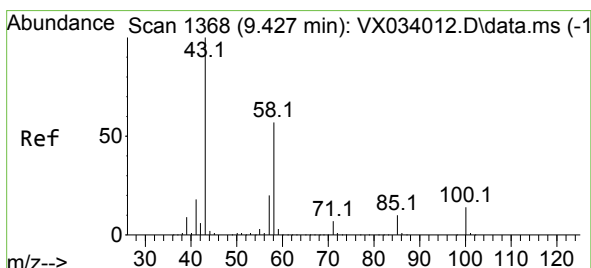
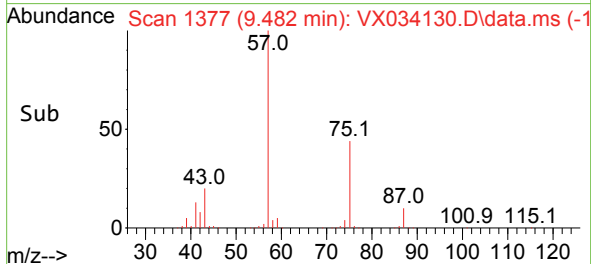
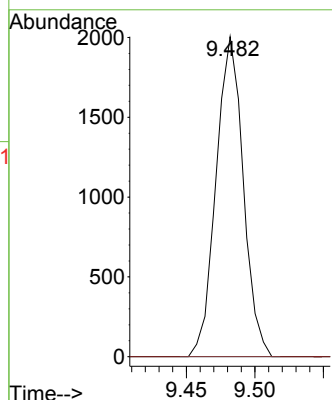
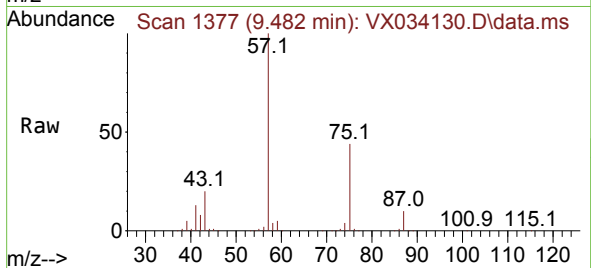
JPP-46-020723

Tgt Ion: 76 Resp: 2766

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 37.782 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX034130.D

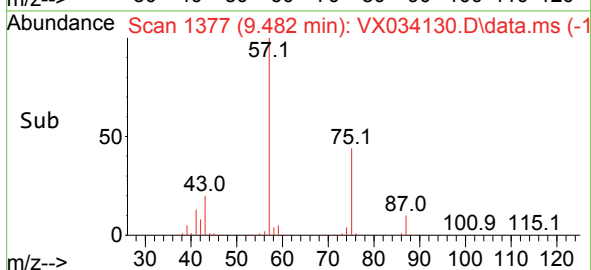
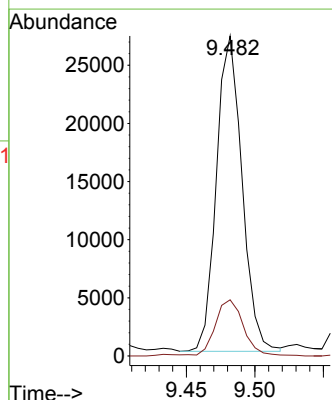
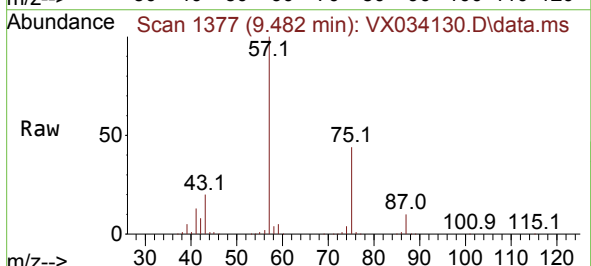
Acq: 10 Feb 2023 21:18

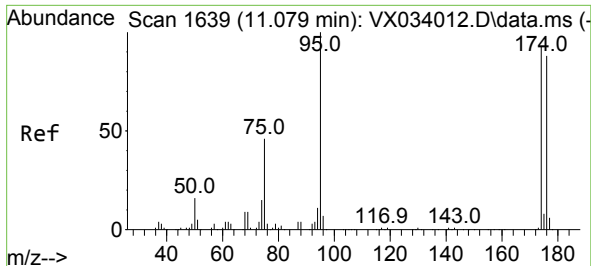
Tgt Ion: 43 Resp: 35196

Ion Ratio Lower Upper

43 100

58 19.7 27.4 82.0#

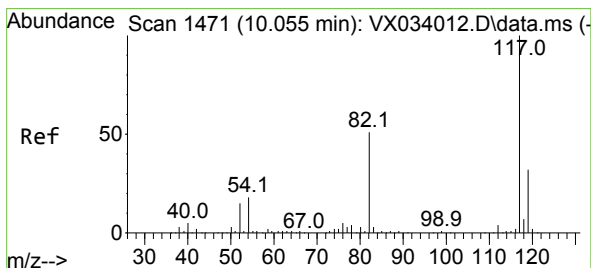
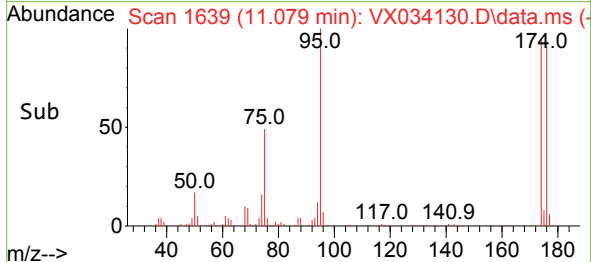
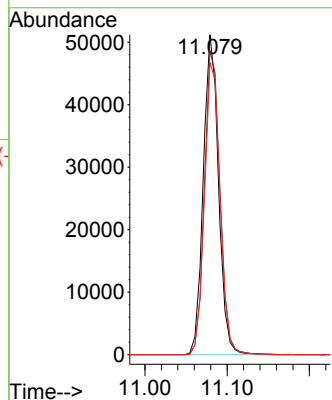
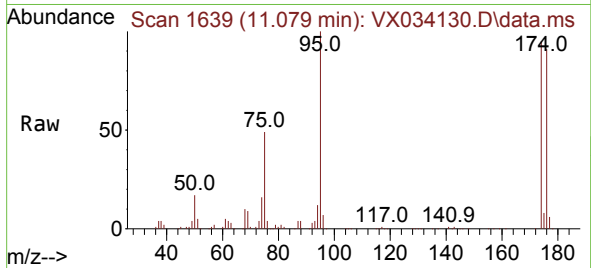




#62
4-Bromofluorobenzene
Concen: 50.090 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

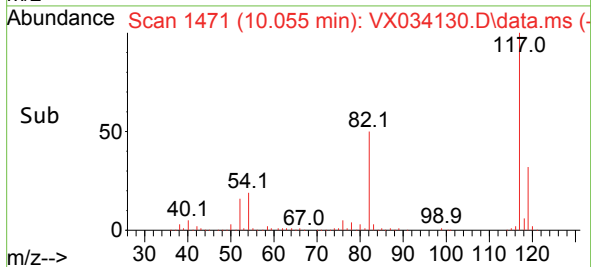
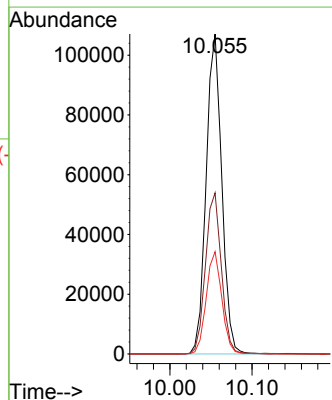
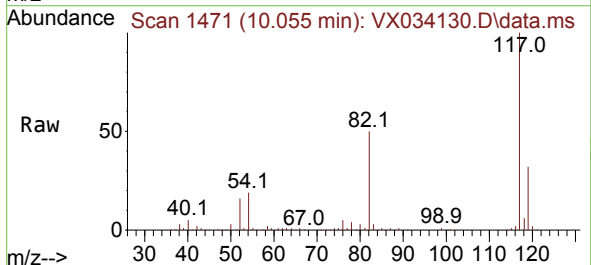
Instrument :
MSVOA_X
ClientSampleId :
JPP-46-020723

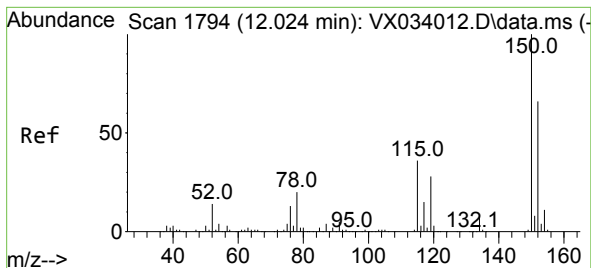
Tgt Ion: 95 Resp: 65670
Ion Ratio Lower Upper
95 100
174 97.2 0.0 184.4
176 93.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Tgt Ion: 117 Resp: 141418
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034130.D

Acq: 10 Feb 2023 21:18

Instrument :

MSVOA_X

ClientSampleId :

JPP-46-020723

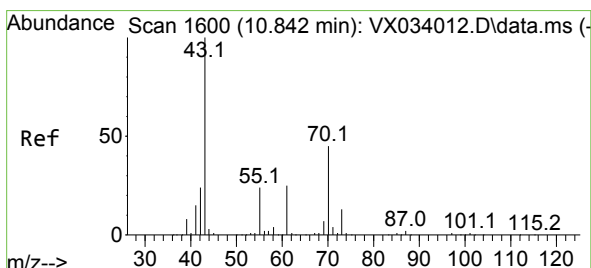
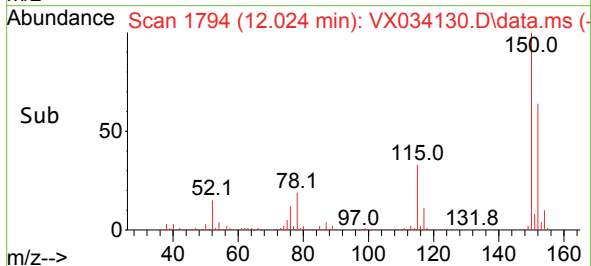
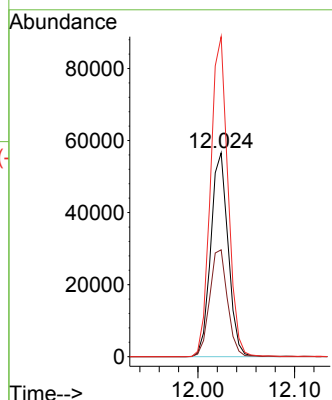
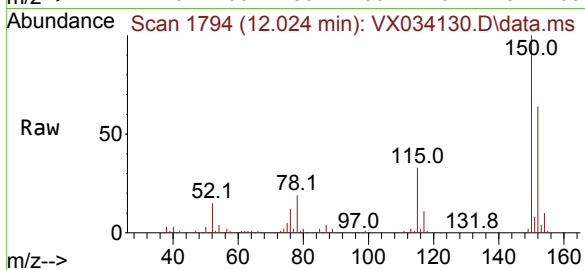
Tgt Ion:152 Resp: 70721

Ion Ratio Lower Upper

152 100

115 53.9 38.7 116.1

150 157.6 0.0 348.2



#74

N-ethyl acetate

Concen: 0.367 ug/l

RT: 10.817 min Scan# 1596

Delta R.T. -0.025 min

Lab File: VX034130.D

Acq: 10 Feb 2023 21:18

Tgt Ion: 43 Resp: 571

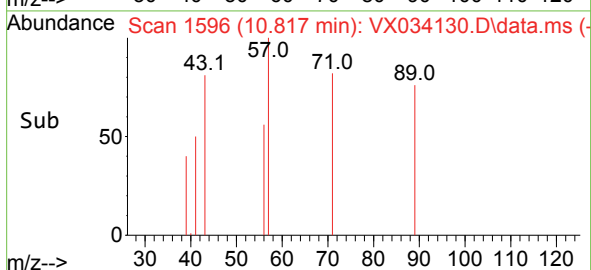
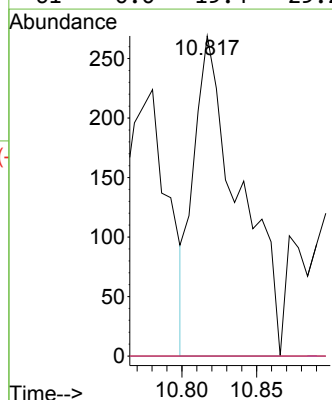
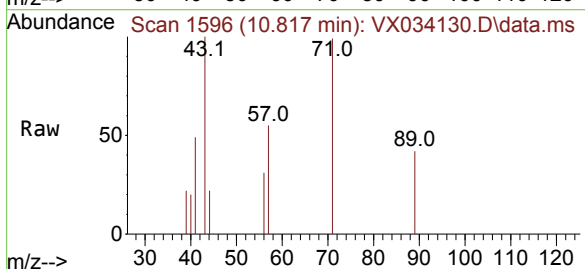
Ion Ratio Lower Upper

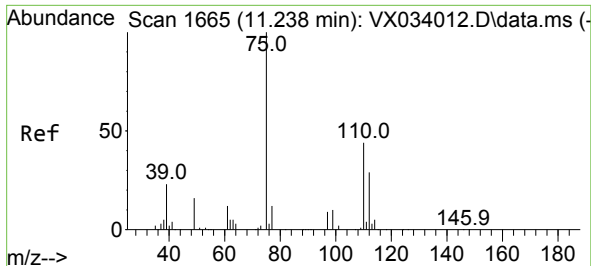
43 100

70 0.0 34.8 52.2#

55 0.0 19.4 29.0#

61 0.0 19.4 29.2#

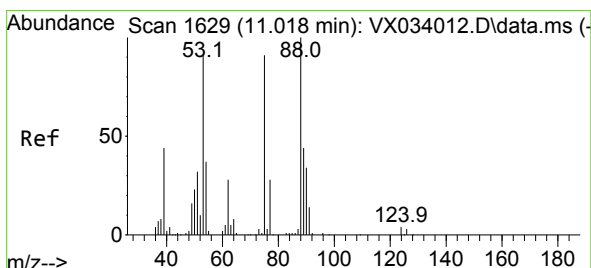
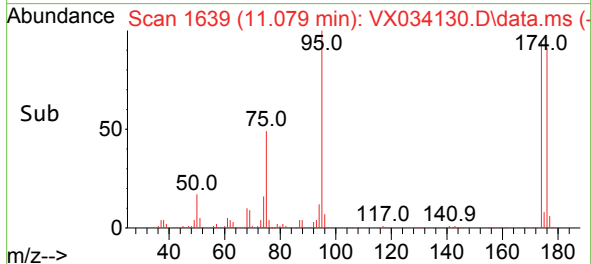
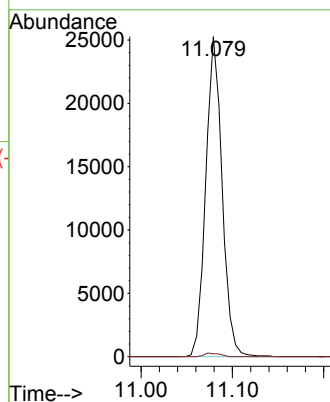
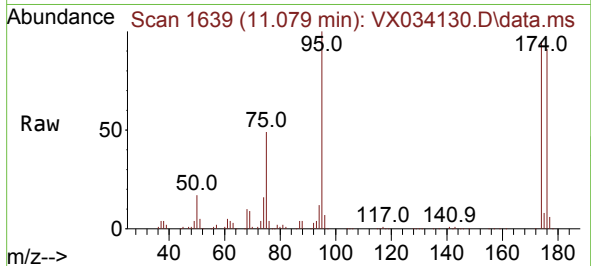




#76
1,2,3-Trichloropropane
Concen: 25.772 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Instrument :
MSVOA_X
ClientSampleId :
JPP-46-020723

Tgt Ion: 75 Resp: 31296
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.369 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034130.D
Acq: 10 Feb 2023 21:18

Tgt Ion: 75 Resp: 31296
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

