

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034129.D
 Acq On : 10 Feb 2023 20:54
 Operator : JC/MD
 Sample : 01481-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-42-020723

Quant Time: Feb 11 00:41:37 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)

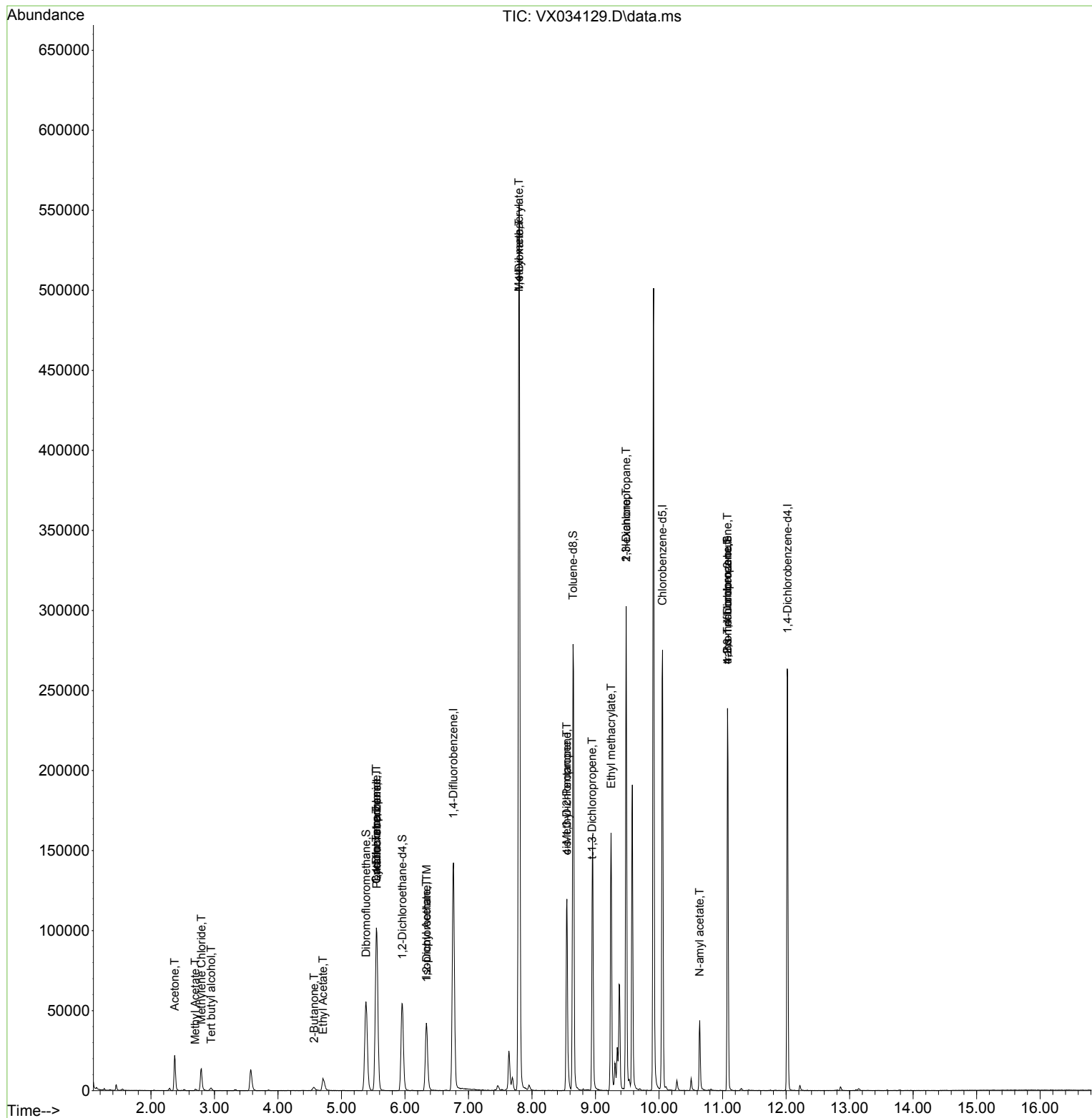
Internal Standards						
1) Pentafluorobenzene	5.556	168	110618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55559	52.099	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.200%
35) Dibromofluoromethane	5.385	113	48905	50.139	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.280%
50) Toluene-d8	8.646	98	171473	48.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	59623	47.503	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1397	9.350	ug/l #	86
16) Acetone	2.373	43	23236	51.589	ug/l	94
18) Methyl Acetate	2.696	43	1274	0.909	ug/l	98
20) Methylene Chloride	2.794	84	7271	7.056	ug/l	93
25) 2-Butanone	4.568	43	3203	4.884	ug/l	99
31) Cyclohexane	5.549	56	1582	1.019	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	6502	4.862	ug/l #	44
37) Ethyl Acetate	4.708	43	12883	10.341	ug/l	97
38) Carbon Tetrachloride	5.549	117	9439	6.618	ug/l #	15
42) 1,2-Dichloroethane	6.342	62	273	0.208	ug/l #	73
43) Isopropyl Acetate	6.336	43	56421	29.040	ug/l	95
48) Methyl methacrylate	7.793	41	50220	50.064	ug/l #	46
49) 1,4-Dioxane	7.799	88	25	1.295	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	43480	35.678	ug/l #	51
53) t-1,3-Dichloropropene	8.945	75	355	0.272	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	20743	13.984	ug/l #	62
56) Ethyl methacrylate	9.244	69	410	0.293	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2661	1.626	ug/l #	43
59) 2-Hexanone	9.482	43	34761	38.977	ug/l #	51
74) N-amyl acetate	10.640	43	11918	8.689	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	28253	26.413	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	28253	81.342	ug/l #	8

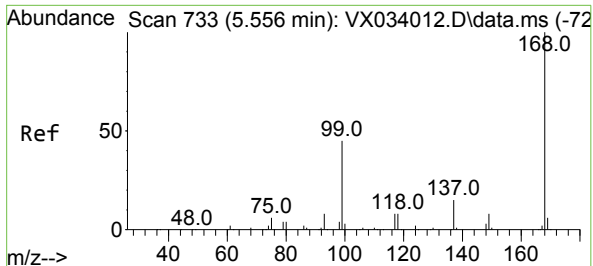
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :
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Quant Time: Feb 11 00:41:37 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

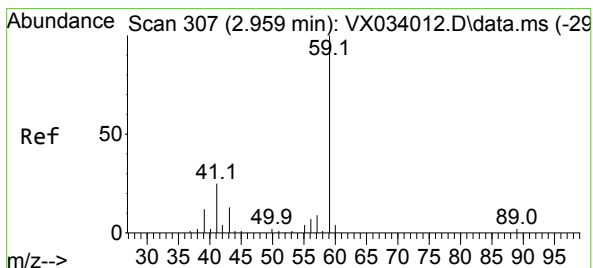
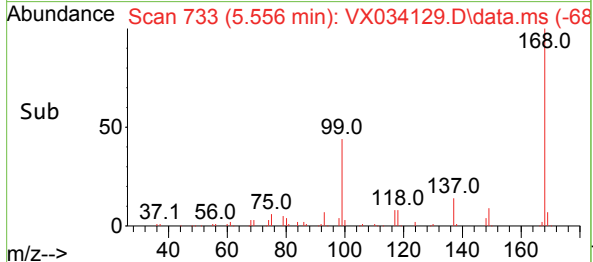
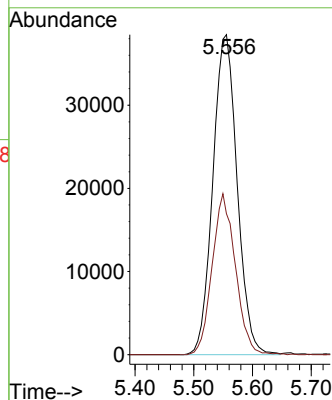
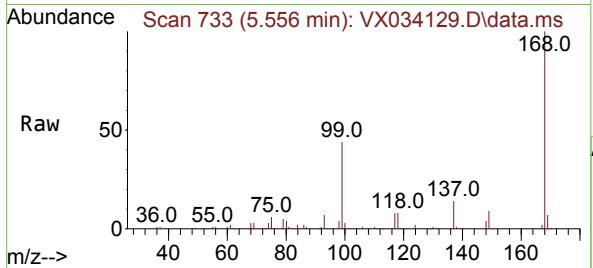




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

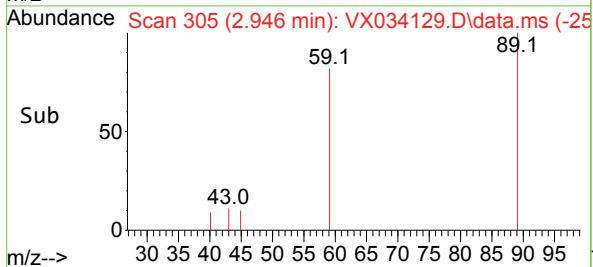
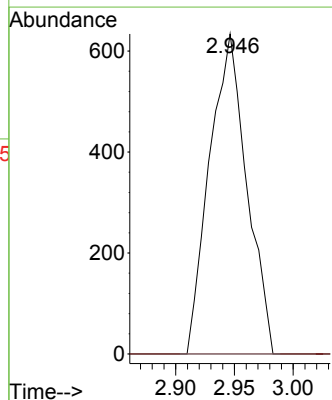
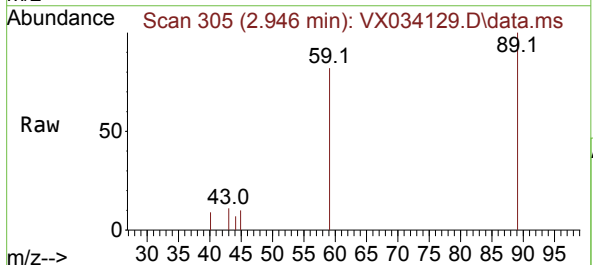
Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

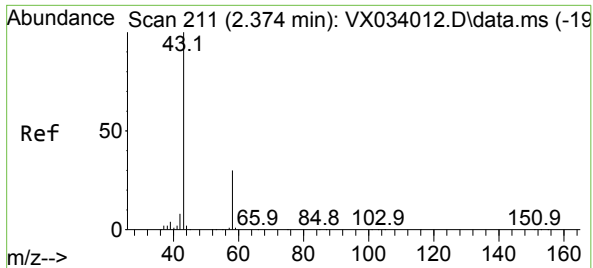
Tgt Ion:168 Resp: 110618
Ion Ratio Lower Upper
168 100
99 44.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 9.350 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Tgt Ion: 59 Resp: 1397
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

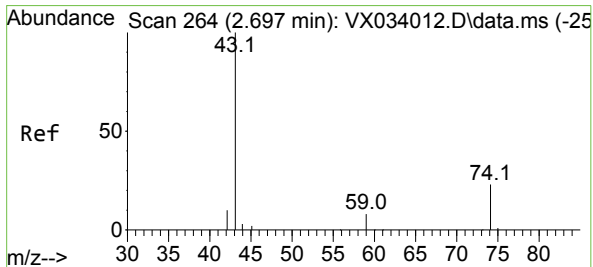
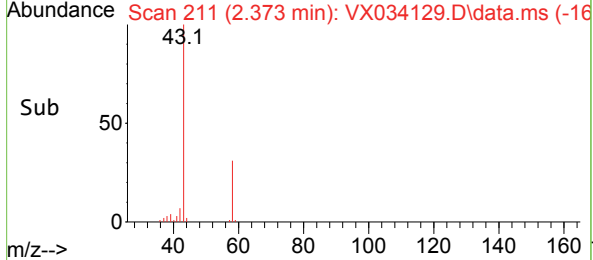
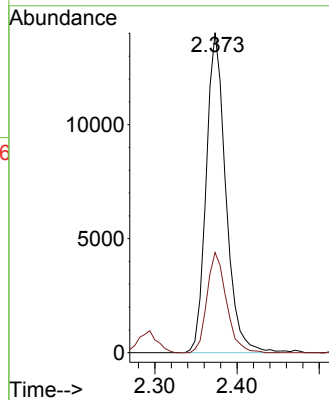
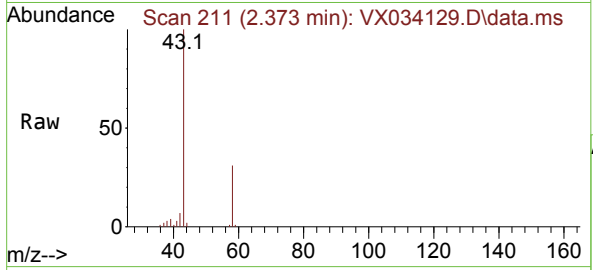




#16
Acetone
Concen: 51.589 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

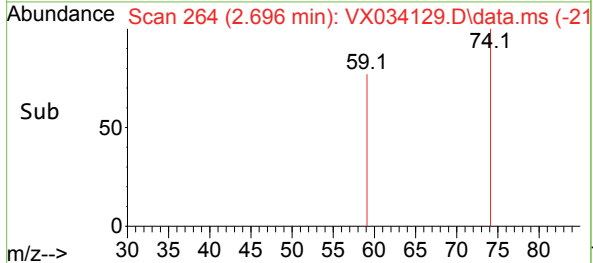
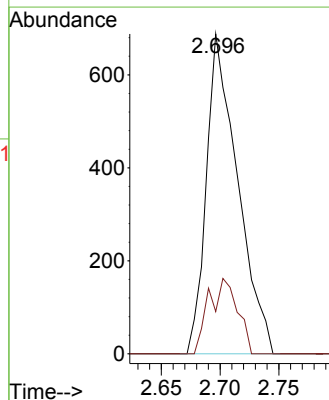
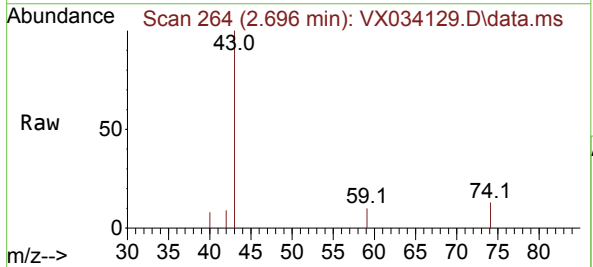
Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

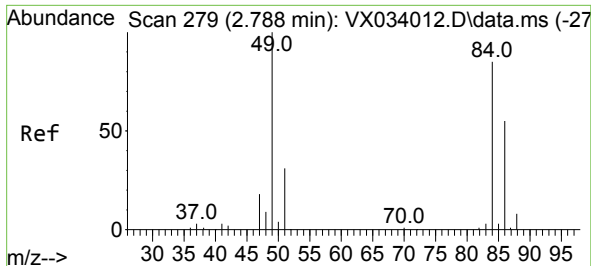
Tgt Ion: 43 Resp: 23236
Ion Ratio Lower Upper
43 100
58 31.3 22.6 33.8



#18
Methyl Acetate
Concen: 0.909 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

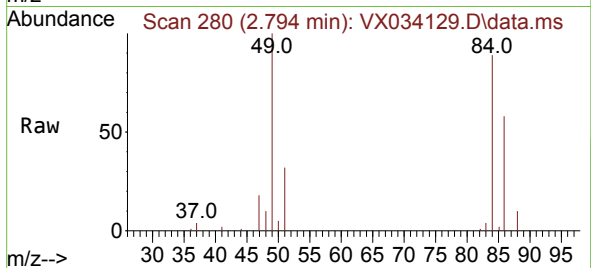
Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
74 21.7 18.2 27.4



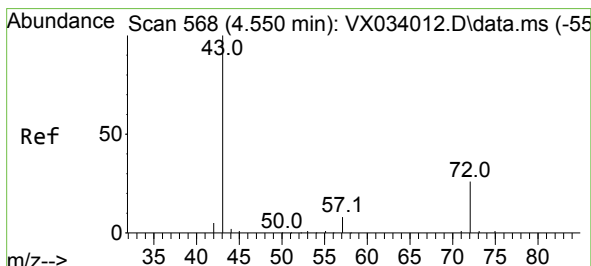
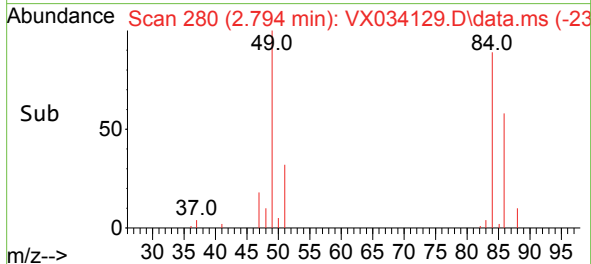
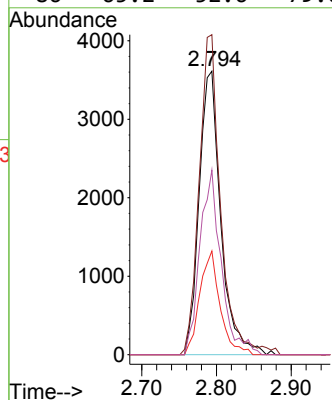


#20
Methylene Chloride
Concen: 7.056 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

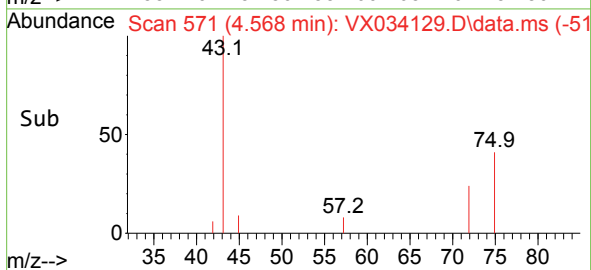
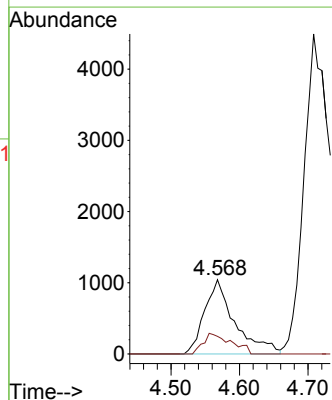
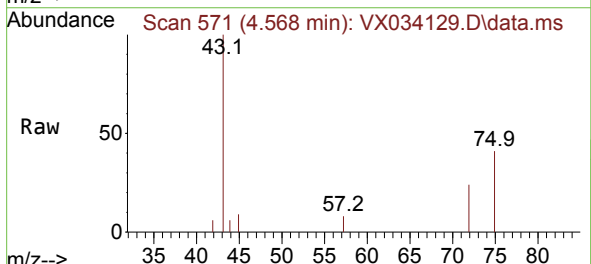


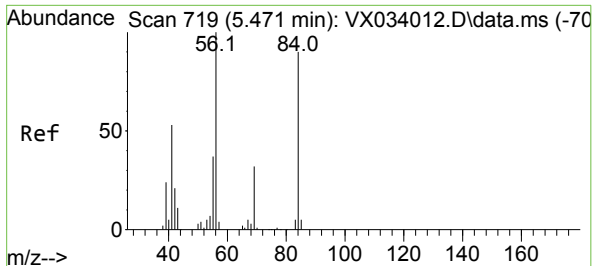
Tgt Ion: 84	Resp: 7271
Ion Ratio	Lower Upper
84 100	
49 112.9	101.1 151.7
51 36.6	31.0 46.6
86 65.2	52.6 79.0



#25
2-Butanone
Concen: 4.884 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

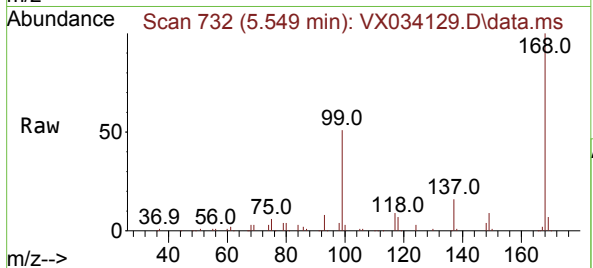
Tgt Ion: 43	Resp: 3203
Ion Ratio	Lower Upper
43 100	
72 23.7	19.4 29.2



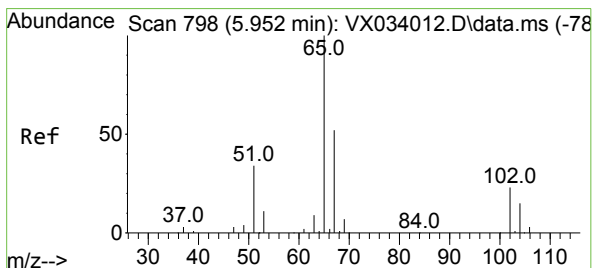
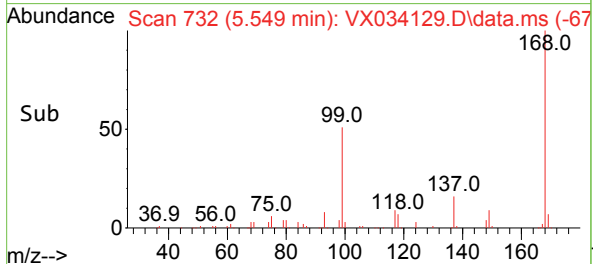
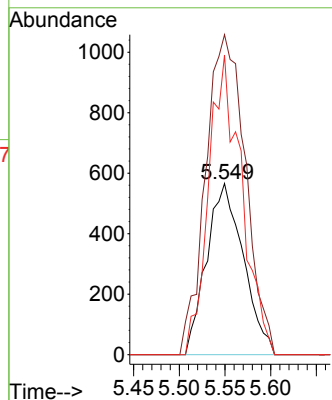


#31
Cyclohexane
Concen: 1.019 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

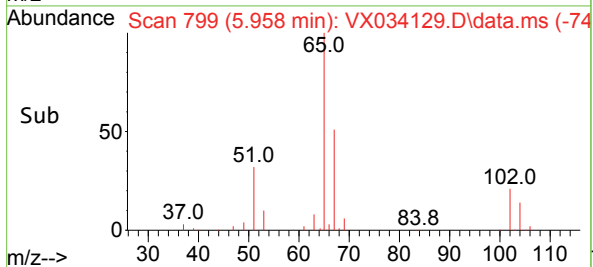
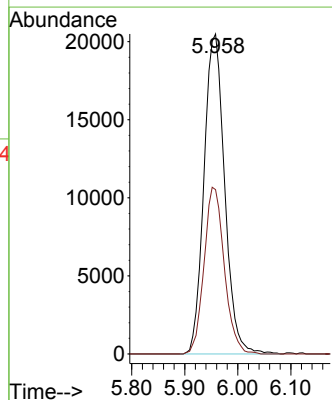
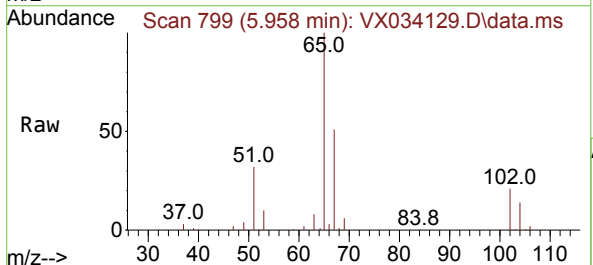


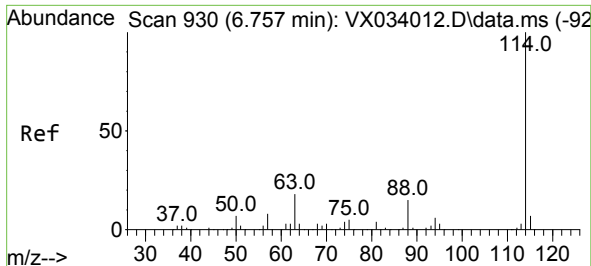
Tgt Ion: 56 Resp: 1582
Ion Ratio Lower Upper
56 100
69 186.9 24.6 37.0#
84 175.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 52.099 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Tgt Ion: 65 Resp: 55559
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

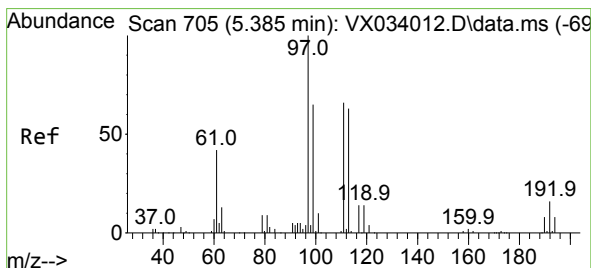
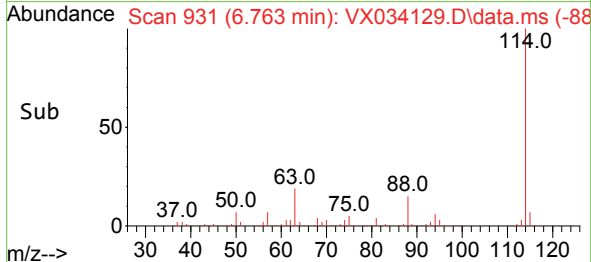
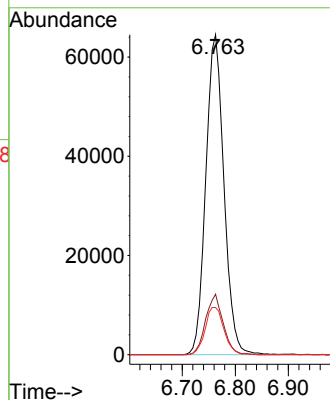
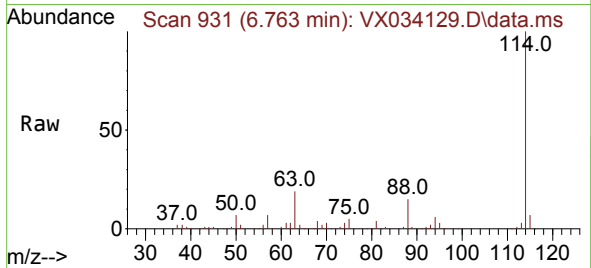




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

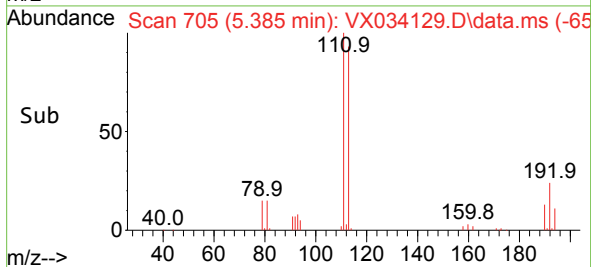
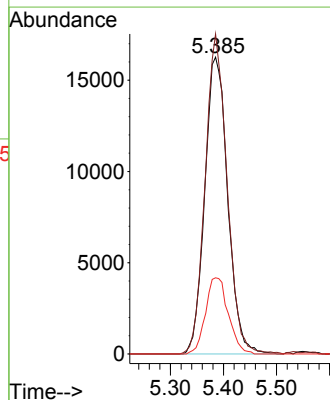
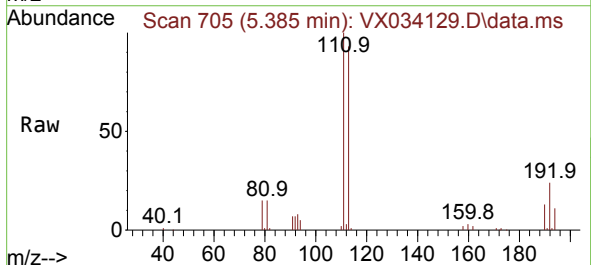
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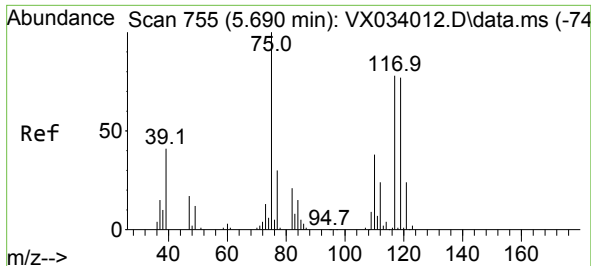
Tgt Ion:114 Resp: 153260
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.139 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Tgt Ion:113 Resp: 48905
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 25.4 19.0 28.4

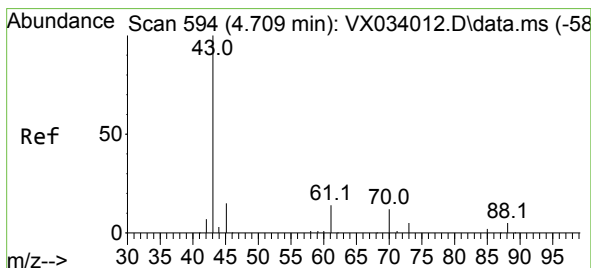
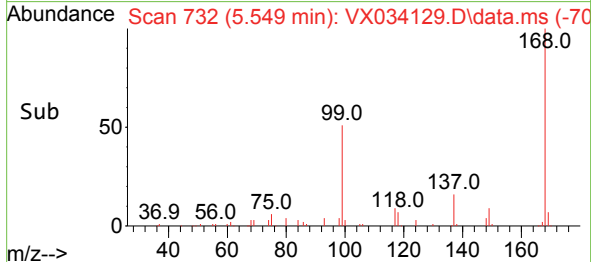
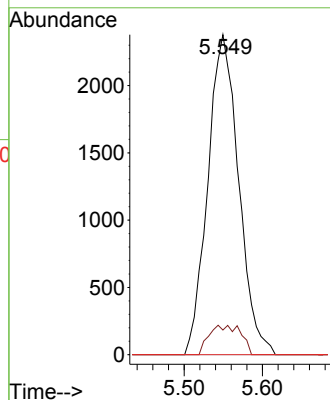
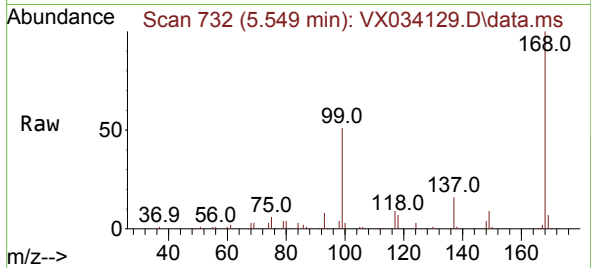




#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

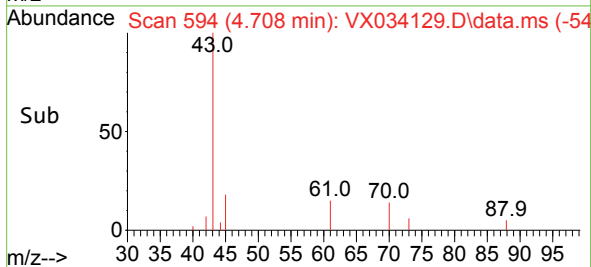
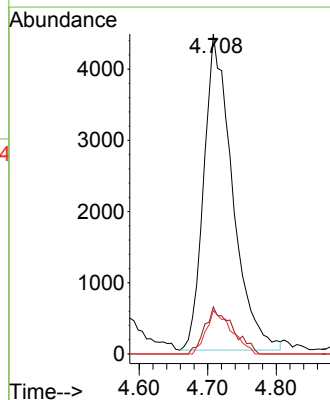
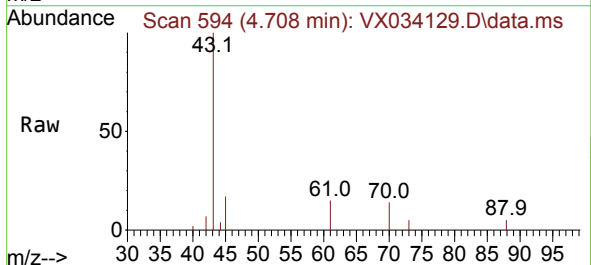
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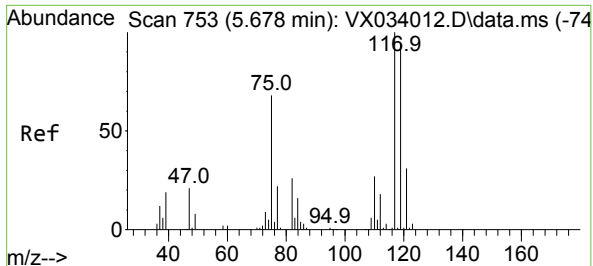
Tgt Ion: 75 Resp: 6502
Ion Ratio Lower Upper
75 100
110 4.6 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 10.341 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

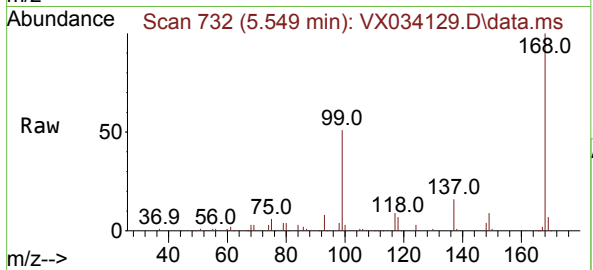
Tgt Ion: 43 Resp: 12883
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 12.2 8.5 12.7



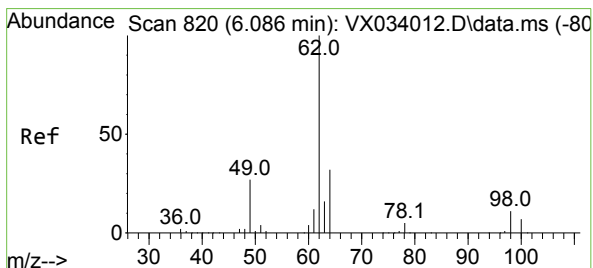
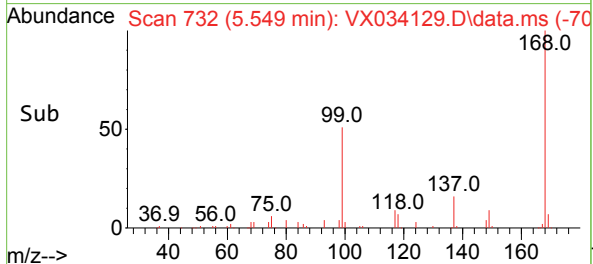
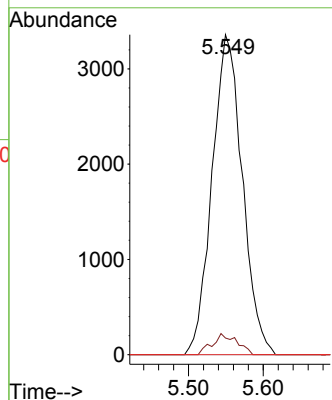


#38
Carbon Tetrachloride
Concen: 6.618 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

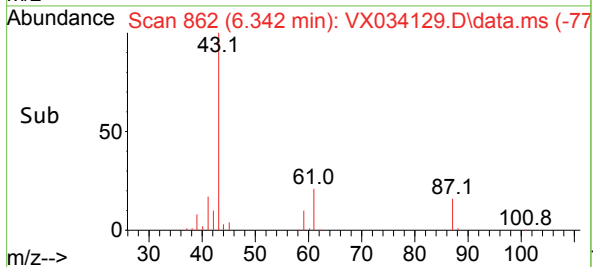
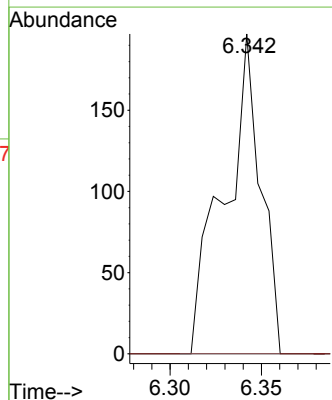
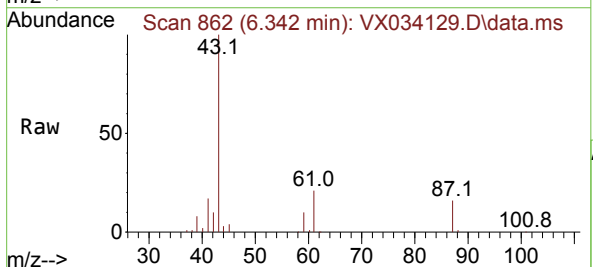


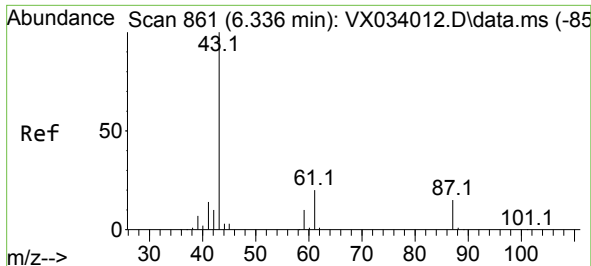
Tgt Ion:117 Resp: 9439
Ion Ratio Lower Upper
117 100
119 5.2 78.0 117.0#
121 0.0 24.4 36.6#



#42
1,2-Dichloroethane
Concen: 0.208 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.256 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Tgt Ion: 62 Resp: 273
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

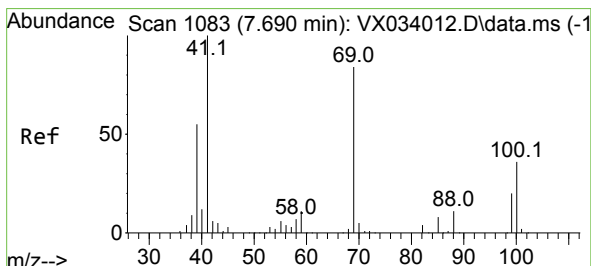
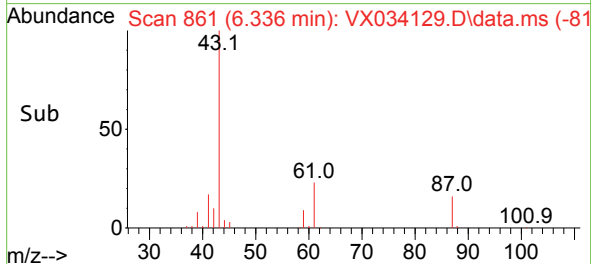
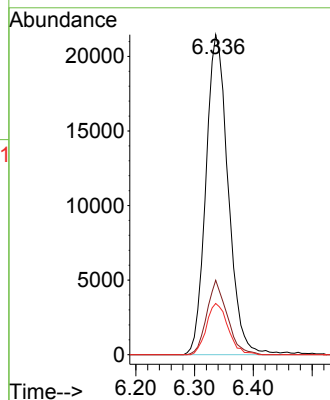
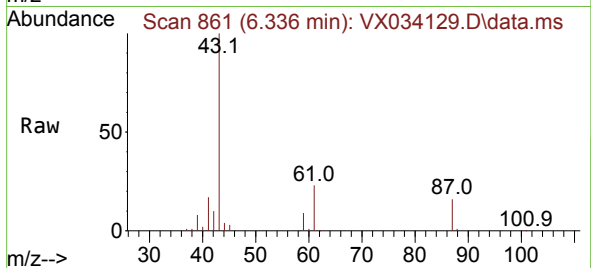




#43
Isopropyl Acetate
Concen: 29.040 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

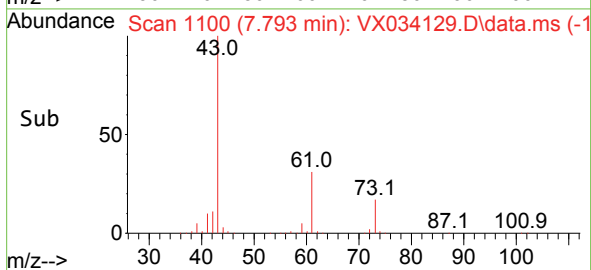
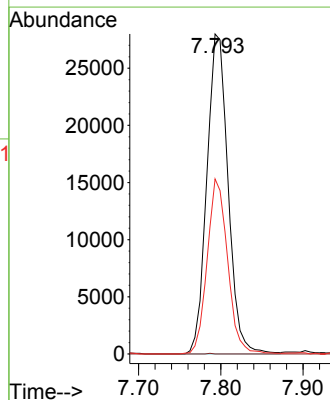
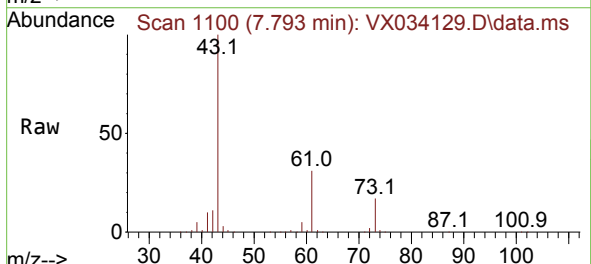
Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

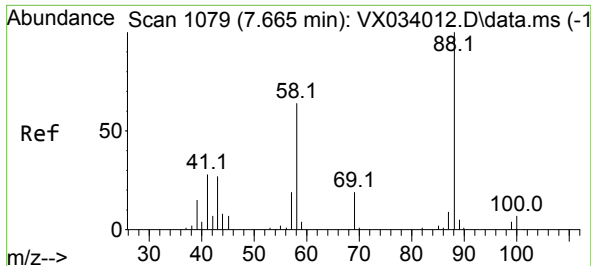
Tgt Ion: 43 Resp: 56421
Ion Ratio Lower Upper
43 100
61 21.3 15.7 23.5
87 15.5 10.6 15.8



#48
Methyl methacrylate
Concen: 50.064 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

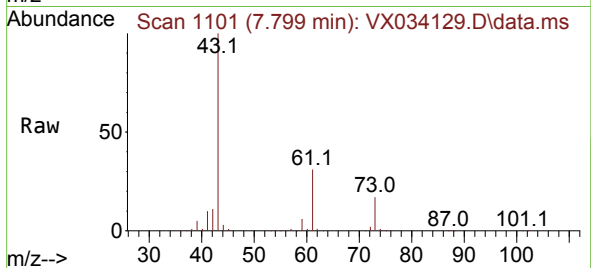
Tgt Ion: 41 Resp: 50220
Ion Ratio Lower Upper
41 100
69 0.0 63.1 94.7#
39 52.7 43.2 64.8



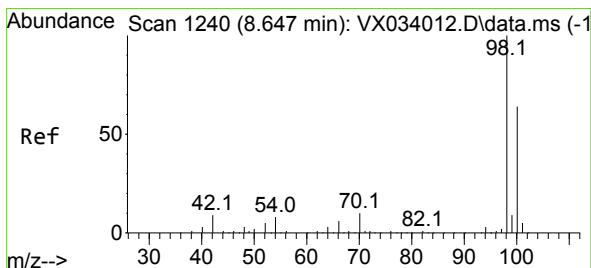
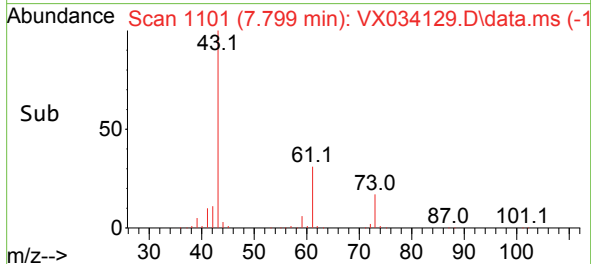
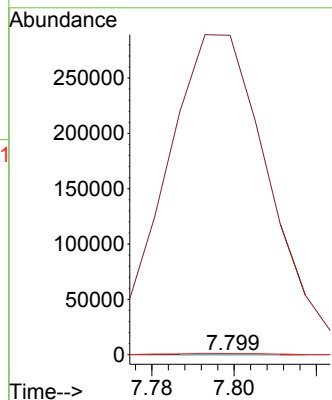


#49
1,4-Dioxane
Concen: 1.295 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

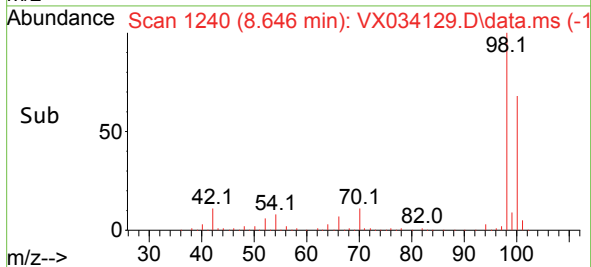
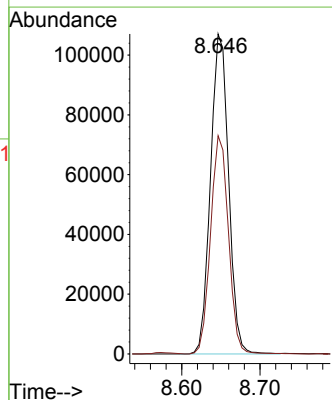
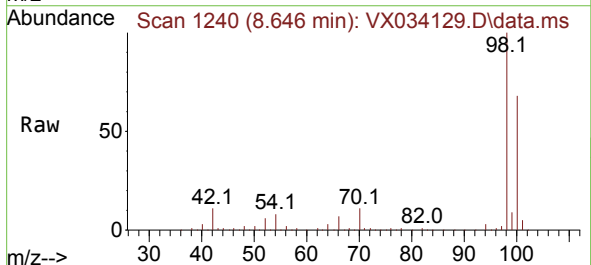


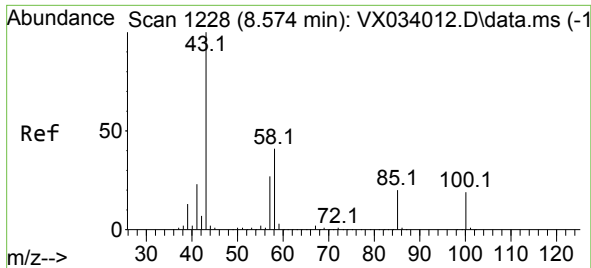
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 2081524.0 0.0 0.0#
58 8292.0 56.5 84.7#



#50
Toluene-d8
Concen: 48.793 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Tgt Ion: 98 Resp: 171473
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4

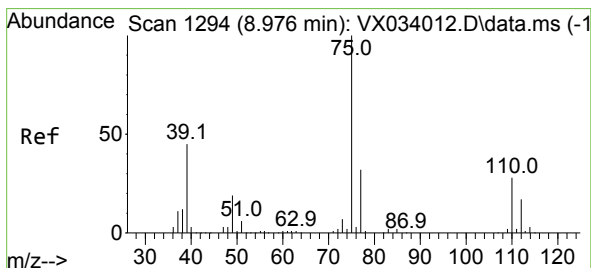
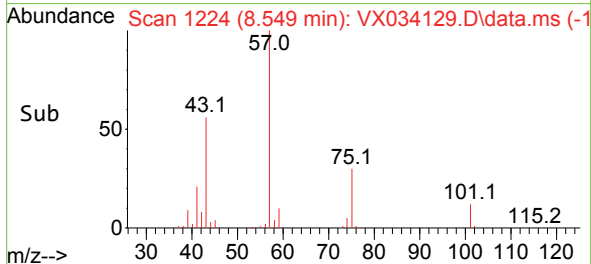
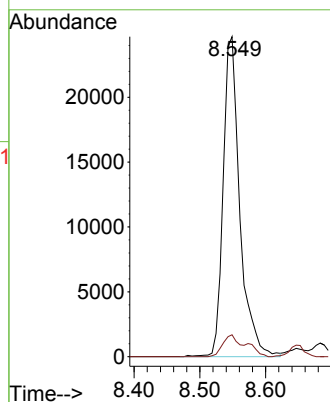
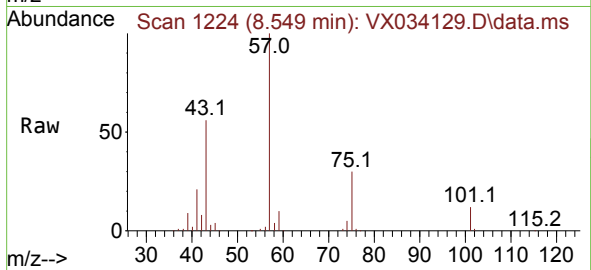




#51
4-Methyl-2-Pentanone
Concen: 35.678 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

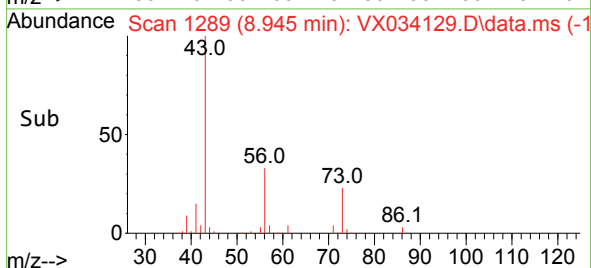
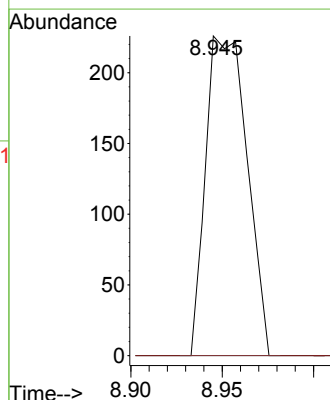
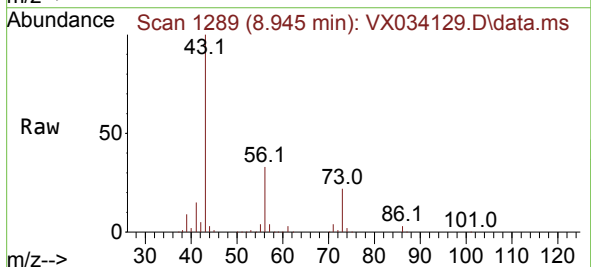
Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

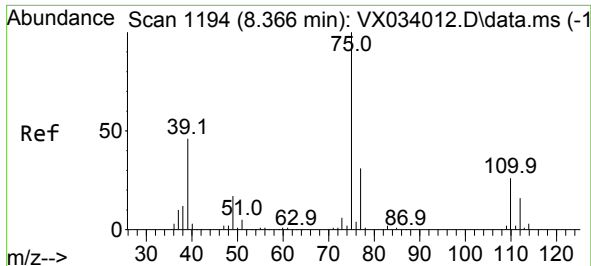
Tgt Ion: 43 Resp: 43480
Ion Ratio Lower Upper
43 100
58 9.4 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.272 ug/l
RT: 8.945 min Scan# 1289
Delta R.T. -0.031 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Tgt Ion: 75 Resp: 355
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

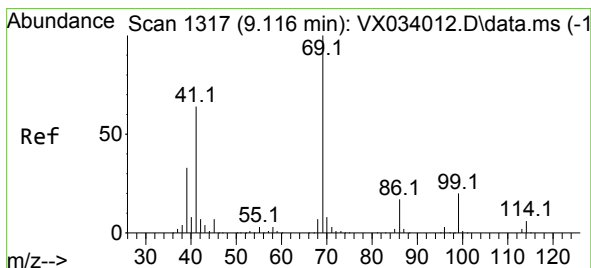
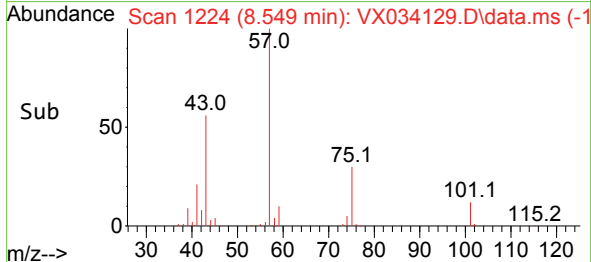
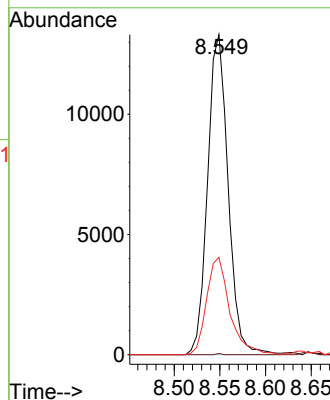
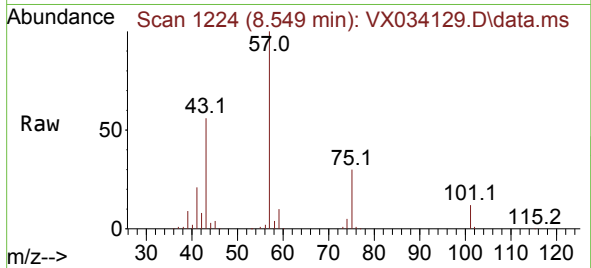




#54
 cis-1,3-Dichloropropene
 Concen: 13.984 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.182 min
 Lab File: VX034129.D
 Acq: 10 Feb 2023 20:54

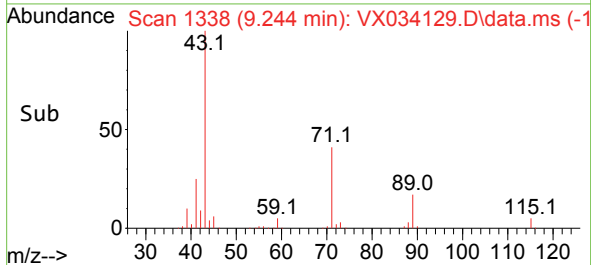
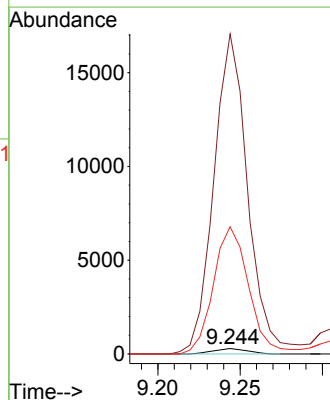
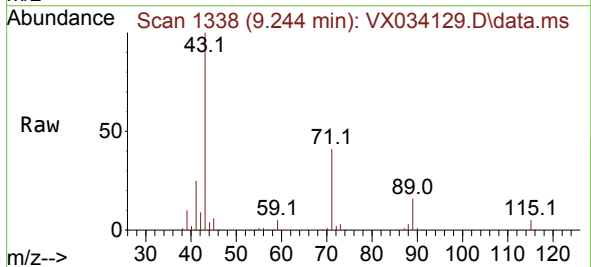
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-42-020723

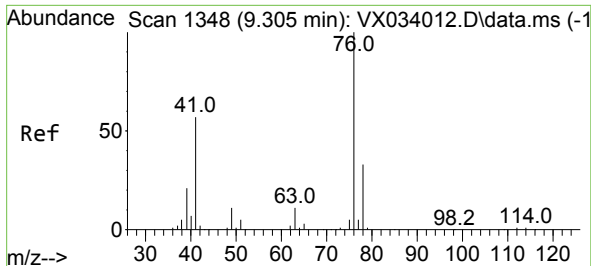
Tgt Ion: 75 Resp: 20743
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.0 37.6#
 39 30.4 38.6 58.0#



#56
 Ethyl methacrylate
 Concen: 0.293 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX034129.D
 Acq: 10 Feb 2023 20:54

Tgt Ion: 69 Resp: 410
 Ion Ratio Lower Upper
 69 100
 41 5989.0 55.1 82.7#
 39 2477.1 28.5 42.7#





#57

1,3-Dichloropropane

Concen: 1.626 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.176 min

Lab File: VX034129.D

Acq: 10 Feb 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

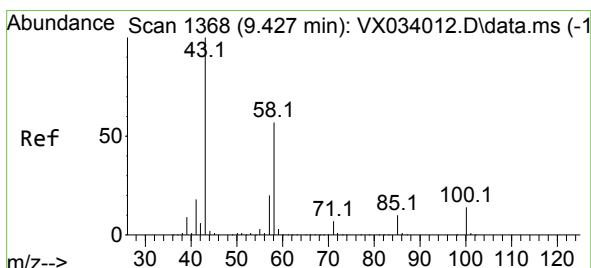
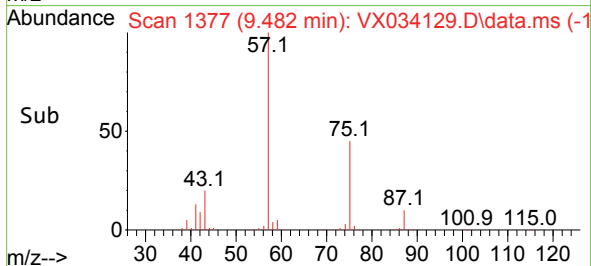
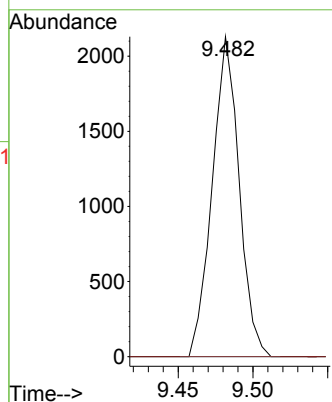
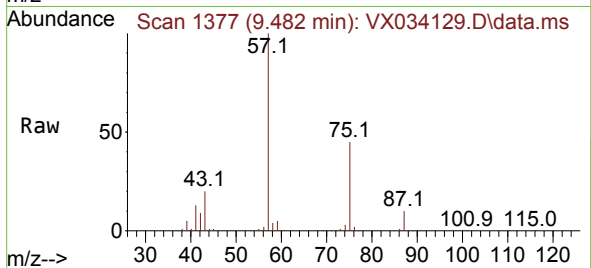
JPP-42-020723

Tgt Ion: 76 Resp: 2661

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 38.977 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.054 min

Lab File: VX034129.D

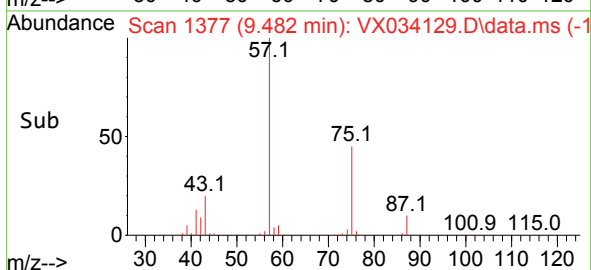
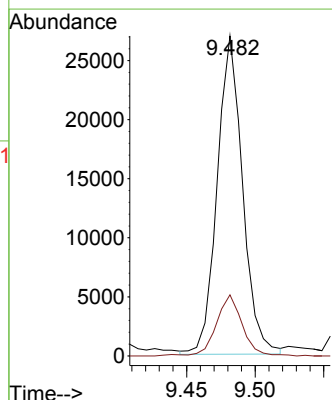
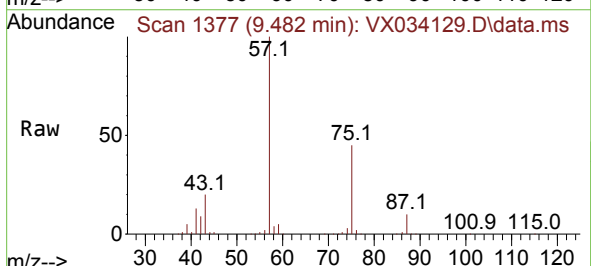
Acq: 10 Feb 2023 20:54

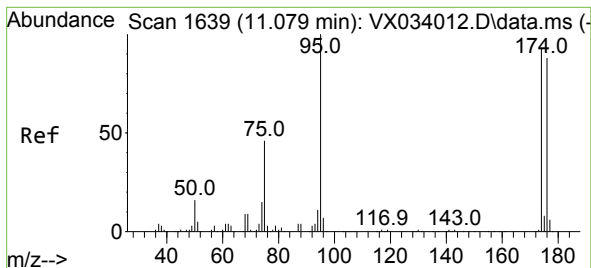
Tgt Ion: 43 Resp: 34761

Ion Ratio Lower Upper

43 100

58 19.7 27.4 82.0#

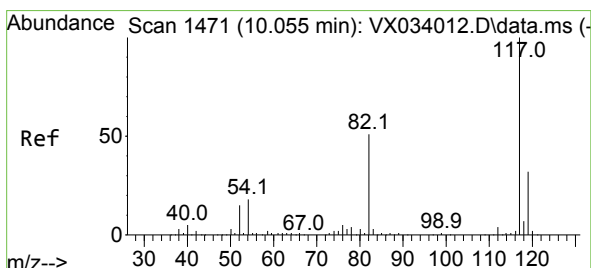
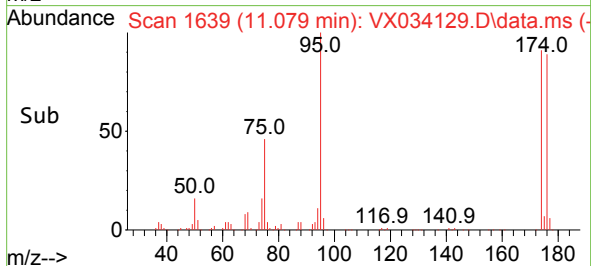
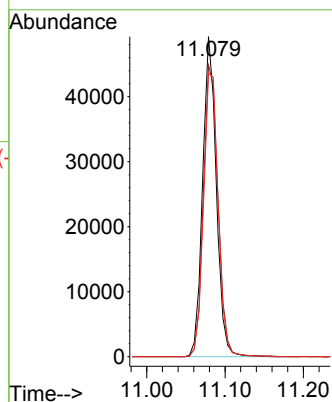
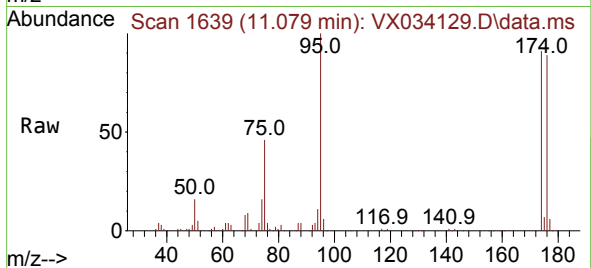




#62
4-Bromofluorobenzene
Concen: 47.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

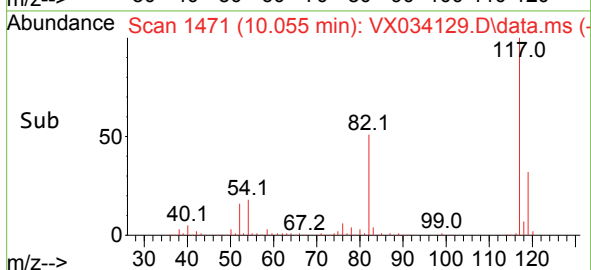
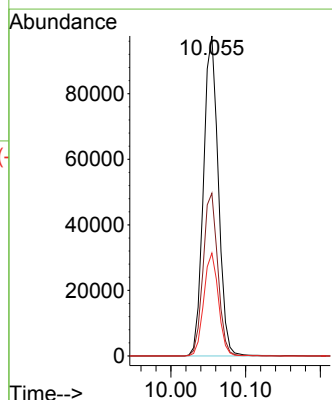
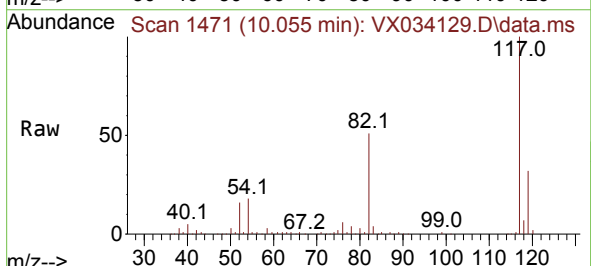
Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

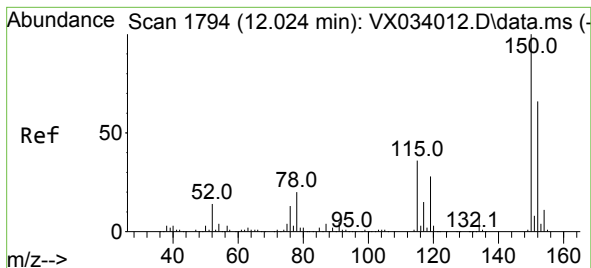
Tgt Ion: 95 Resp: 59623
Ion Ratio Lower Upper
95 100
174 97.4 0.0 184.4
176 95.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

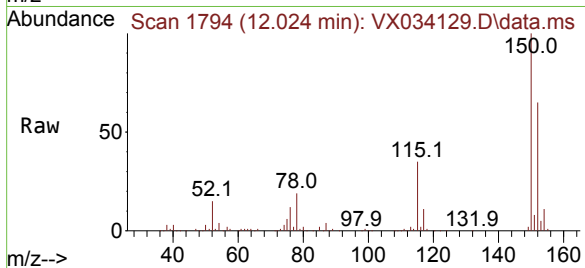
Tgt Ion: 117 Resp: 134515
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 32.1 25.6 38.4



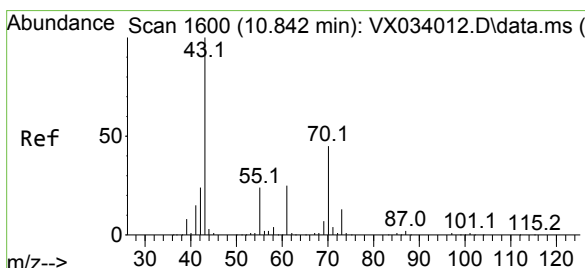
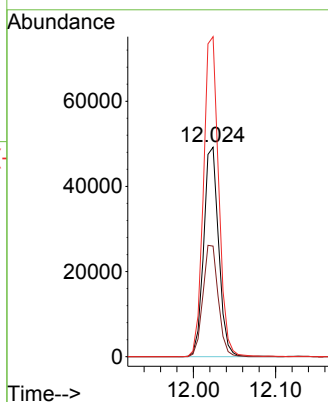
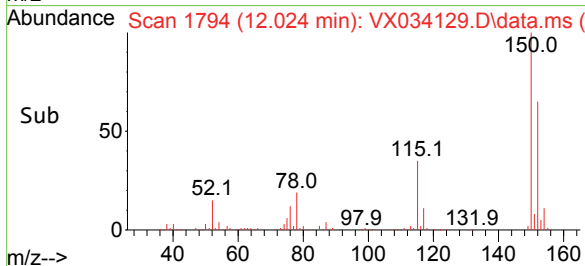


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

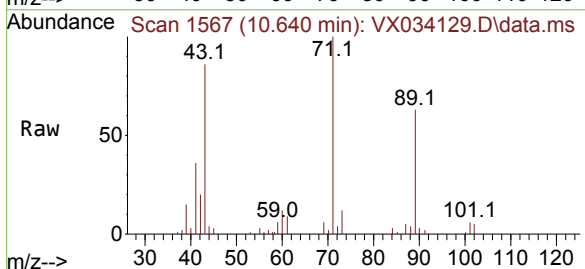
Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723



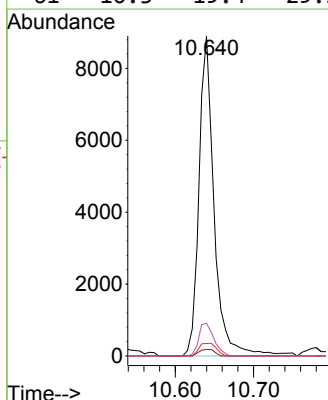
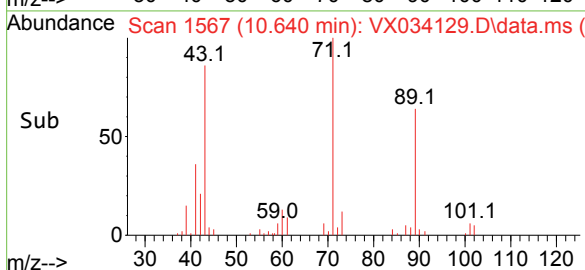
Tgt Ion:152 Resp: 62296
Ion Ratio Lower Upper
152 100
115 54.3 38.7 116.1
150 154.8 0.0 348.2

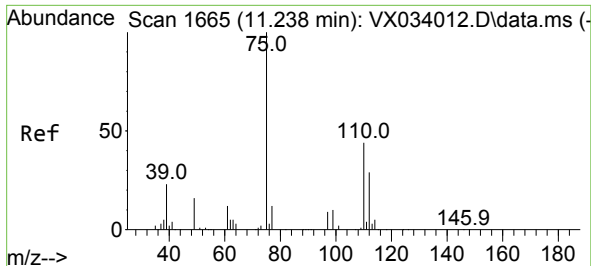


#74
N-ethyl acetate
Concen: 8.689 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.202 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54



Tgt Ion: 43 Resp: 11918
Ion Ratio Lower Upper
43 100
70 2.1 34.8 52.2#
55 4.5 19.4 29.0#
61 10.3 19.4 29.2#

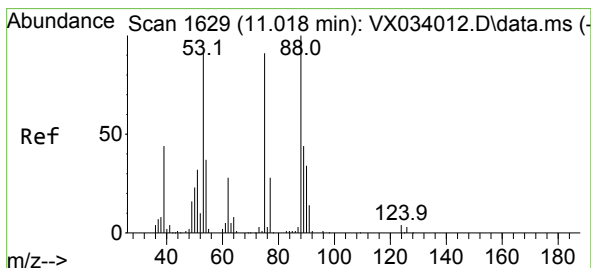
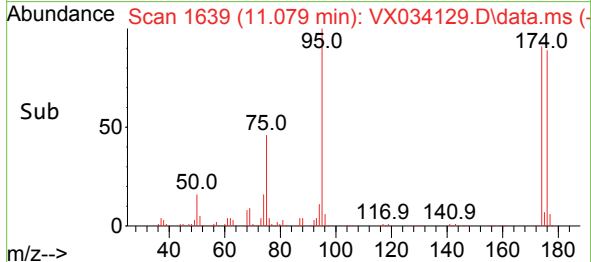
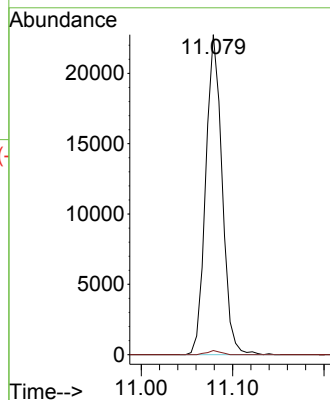
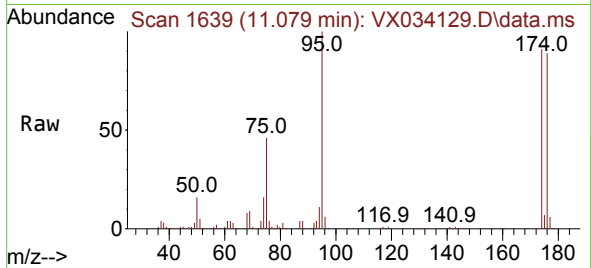




#76
1,2,3-Trichloropropane
Concen: 26.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
JPP-42-020723

Tgt Ion: 75 Resp: 28253
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034129.D
Acq: 10 Feb 2023 20:54

Tgt Ion: 75 Resp: 28253
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

