

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034679.D
 Acq On : 22 Mar 2023 17:57
 Operator : JC/MD
 Sample : 02021-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-46B-032023

Quant Time: Mar 23 07:55:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

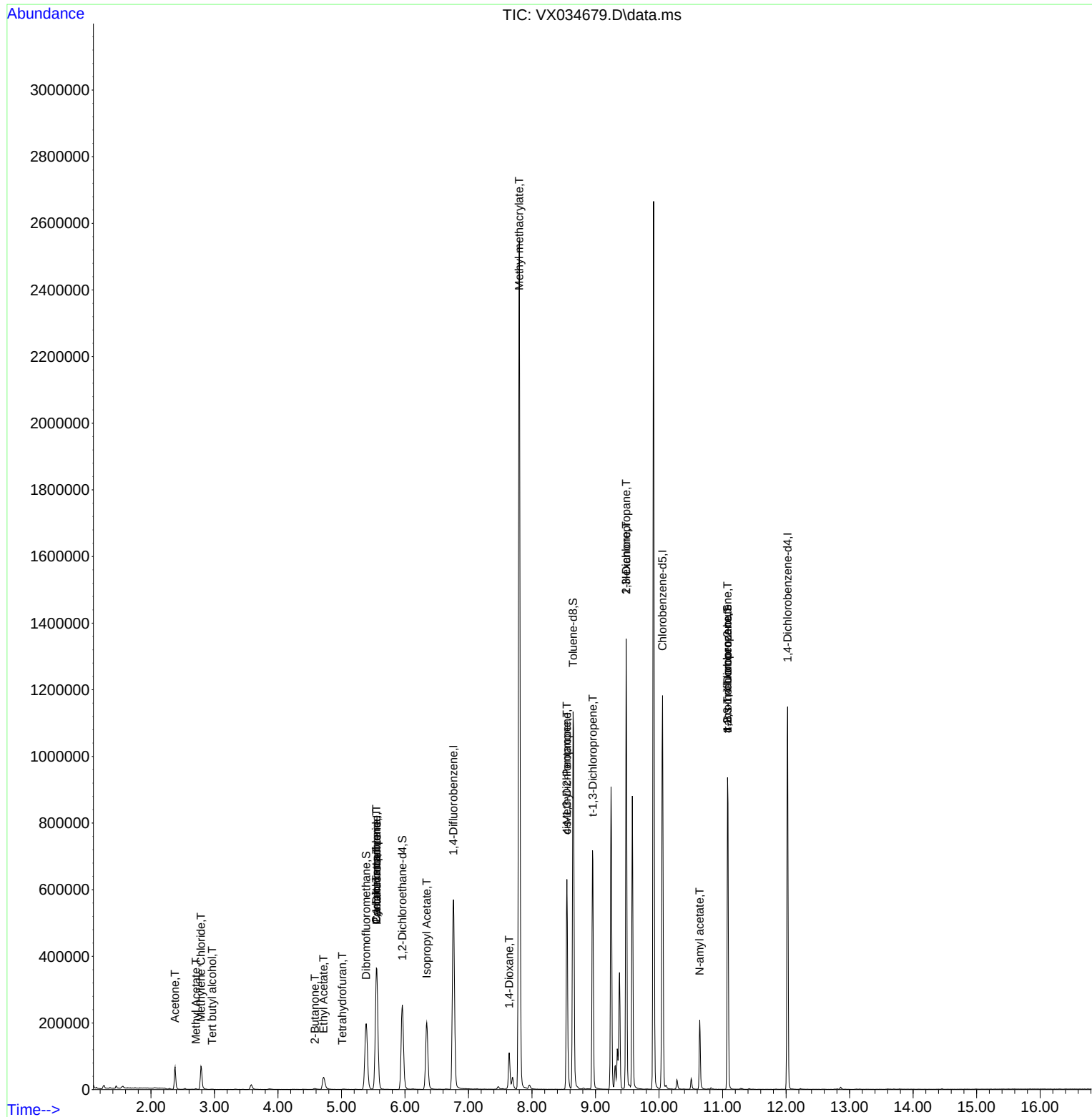
Internal Standards						
1) Pentafluorobenzene	5.555	168	331078	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	561422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	503770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	252767	52.479	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.960%
35) Dibromofluoromethane	5.385	113	176227	47.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	8.646	98	666470	48.164	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.079	95	257675	46.101	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	307	Below Cal	#	42
11) Tert butyl alcohol	2.964	59	903	0.900	ug/l #	88
16) Acetone	2.379	43	69514	30.639	ug/l	94
18) Methyl Acetate	2.708	43	2526	0.341	ug/l	94
20) Methylene Chloride	2.788	84	31751	7.211	ug/l	97
25) 2-Butanone	4.580	43	6350	1.956	ug/l #	86
29) Tetrahydrofuran	5.013	42	1160	0.579	ug/l #	51
31) Cyclohexane	5.549	56	8071	1.195	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	27861	4.894	ug/l #	50
37) Ethyl Acetate	4.714	43	67128	10.793	ug/l	98
38) Carbon Tetrachloride	5.549	117	36354	6.419	ug/l #	15
43) Isopropyl Acetate	6.342	43	279649	26.540	ug/l	99
48) Methyl methacrylate	7.799	41	225980	44.593	ug/l #	46
49) 1,4-Dioxane	7.640	88	112	1.052	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	223607	36.582	ug/l #	49
53) t-1,3-Dichloropropene	8.957	75	1644	0.255	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	96035	13.770	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	10978	1.509	ug/l #	42
59) 2-Hexanone	9.482	43	163695	34.644	ug/l #	51
74) N-amyl acetate	10.640	43	59874	7.069	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	136332	25.949	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	136332	70.200	ug/l #	8

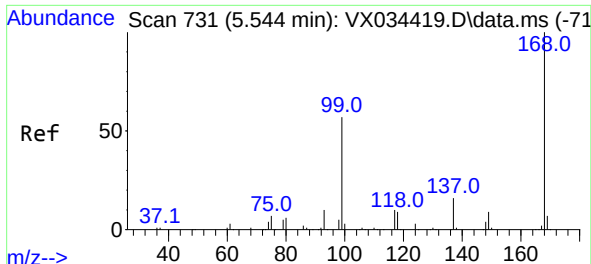
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

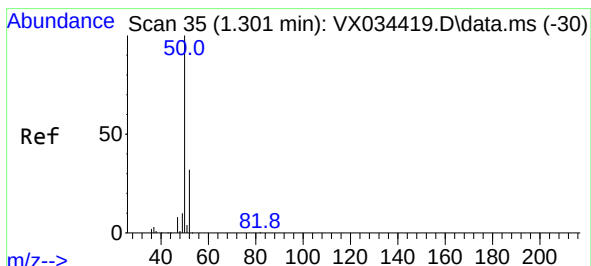
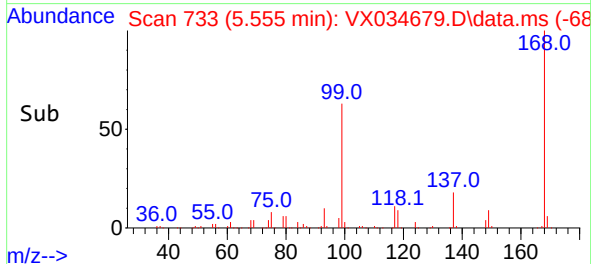
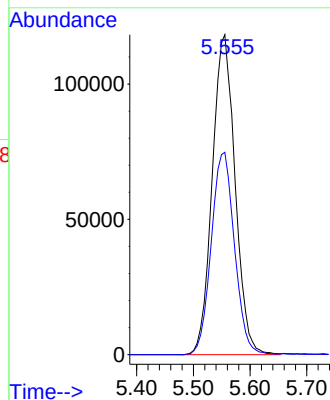
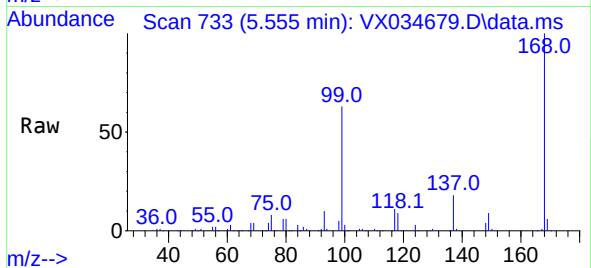




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.011 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

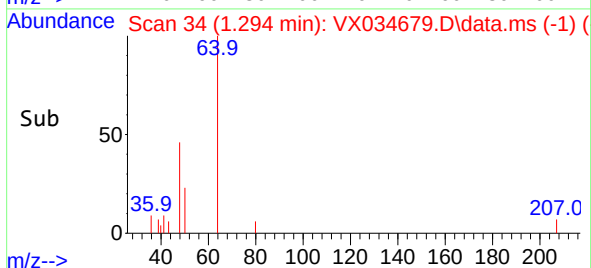
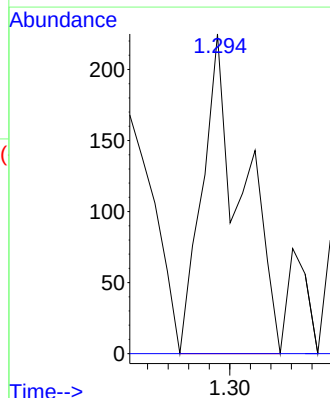
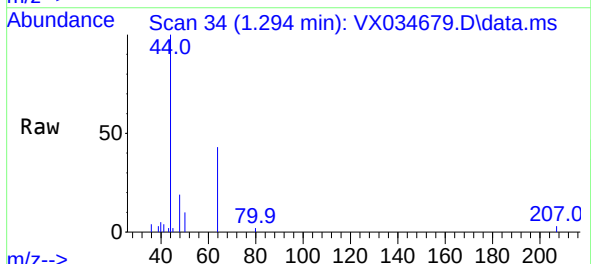
Instrument :
MSVOA_X
ClientSampleId :
JPP-46B-032023

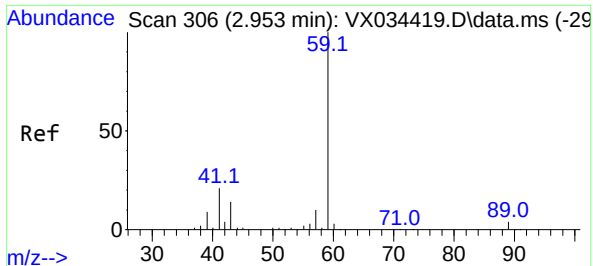
Tgt Ion:168 Resp: 331078
Ion Ratio Lower Upper
168 100
99 63.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Tgt Ion: 50 Resp: 307
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.900 ug/l

RT: 2.964 min Scan# 306

Delta R.T. 0.012 min

Lab File: VX034679.D

Acq: 22 Mar 2023 17:57

Instrument :

MSVOA_X

ClientSampleId :

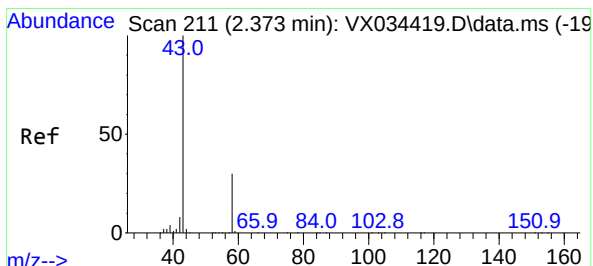
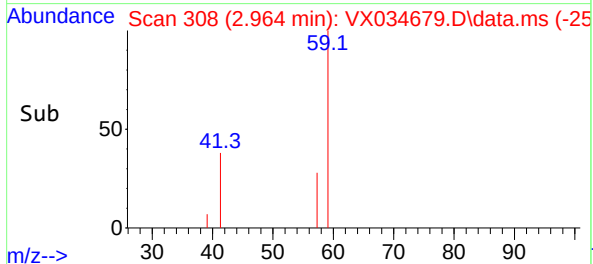
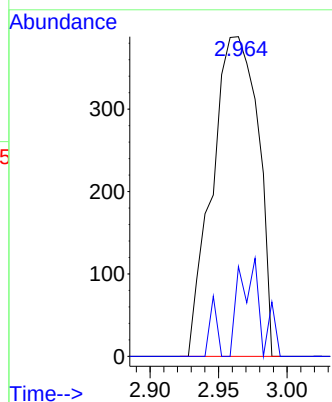
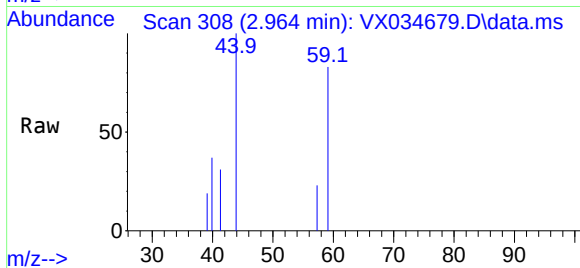
JPP-46B-032023

Tgt Ion: 59 Resp: 903

Ion Ratio Lower Upper

59 100

57 14.5 8.1 12.1#



#16

Acetone

Concen: 30.639 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034679.D

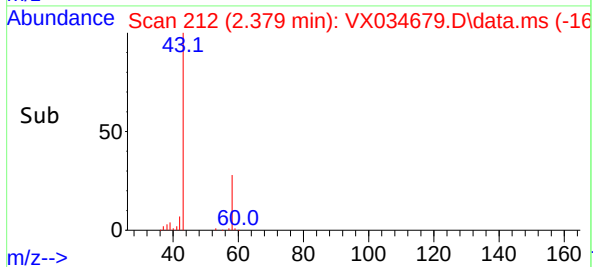
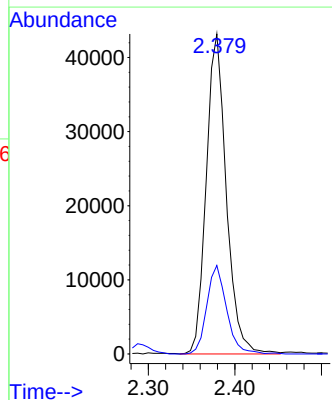
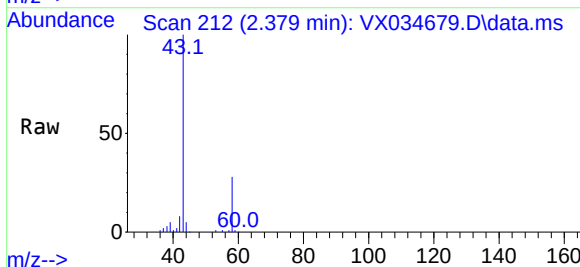
Acq: 22 Mar 2023 17:57

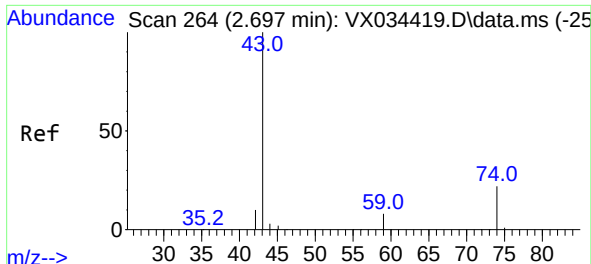
Tgt Ion: 43 Resp: 69514

Ion Ratio Lower Upper

43 100

58 27.6 24.7 37.1

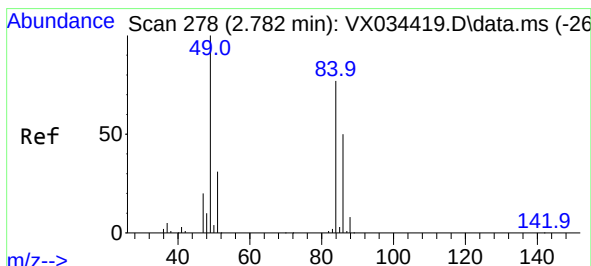
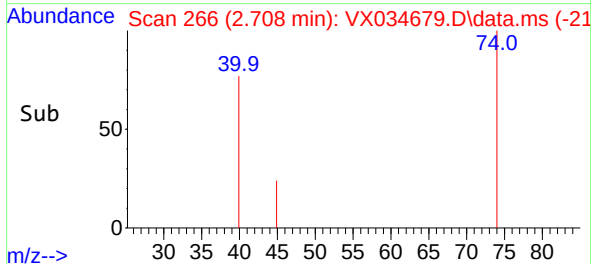
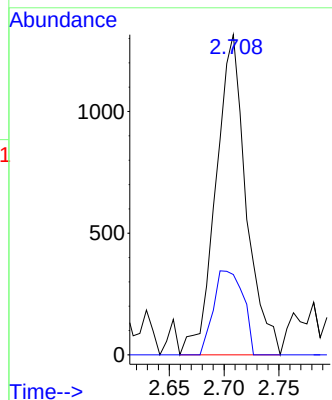
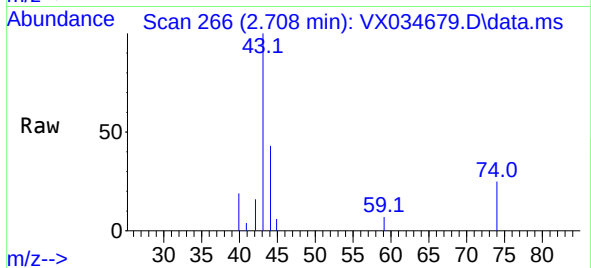




#18
Methyl Acetate
Concen: 0.341 ug/l
RT: 2.708 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

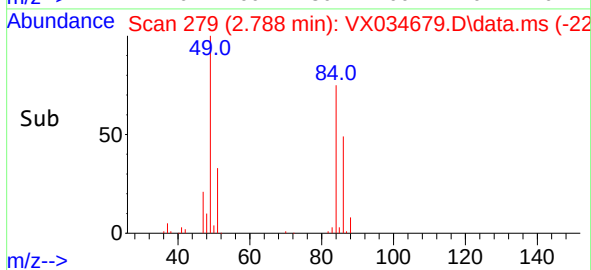
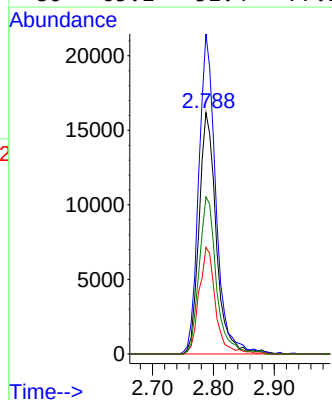
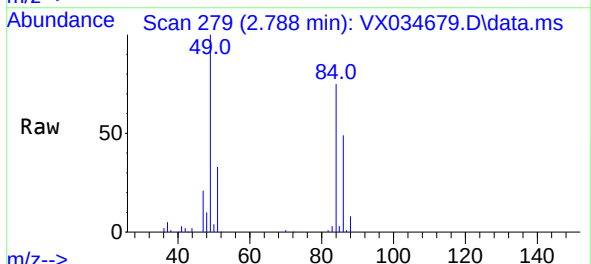
Instrument :
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ClientSampleId :
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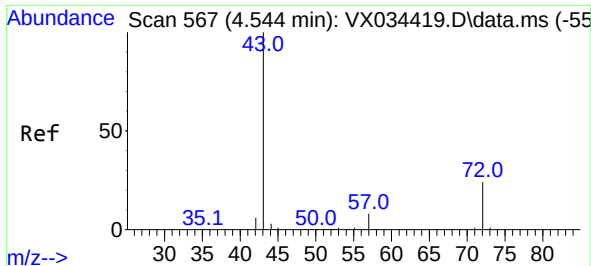
Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
74 25.7 18.3 27.5



#20
Methylene Chloride
Concen: 7.211 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Tgt Ion: 84 Resp: 31751
Ion Ratio Lower Upper
84 100
49 132.6 103.8 155.8
51 44.2 31.8 47.8
86 65.1 51.4 77.2

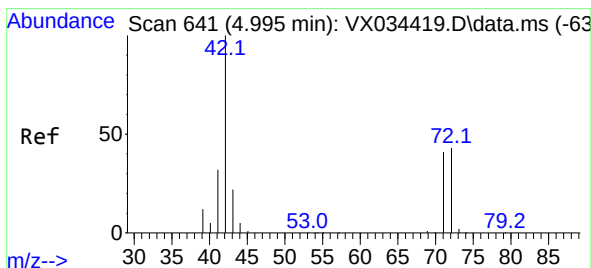
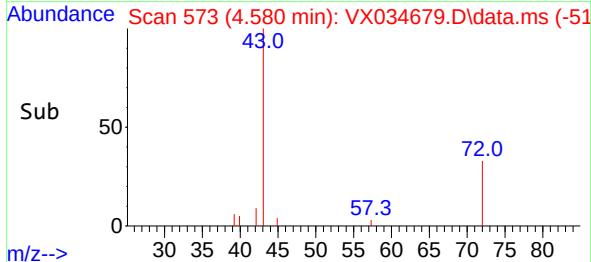
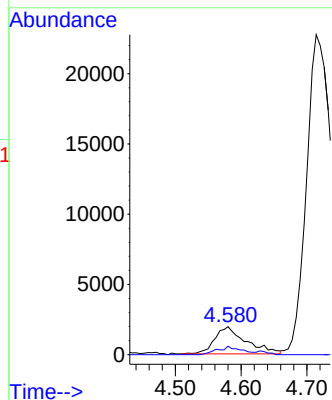
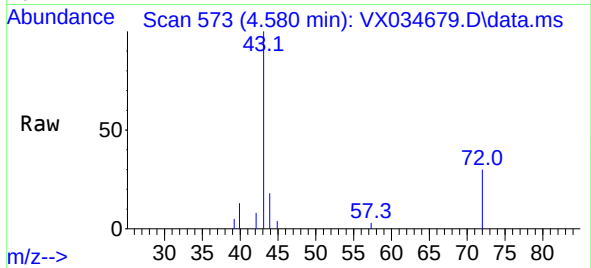




#25
2-Butanone
Concen: 1.956 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

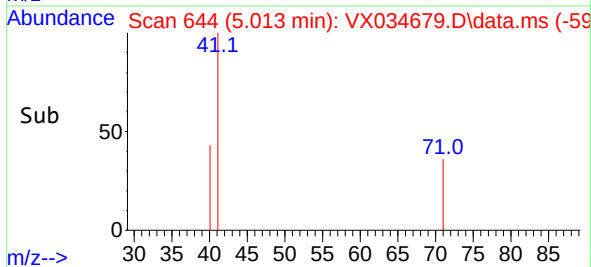
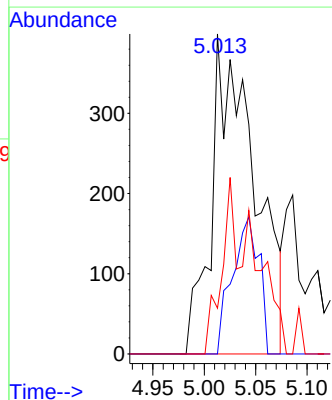
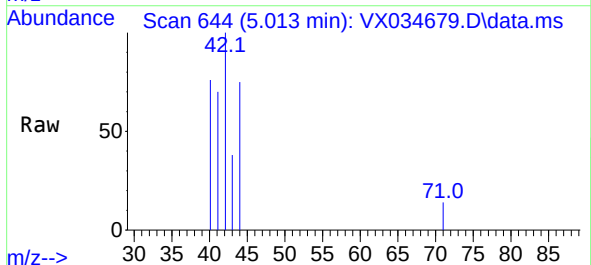
Instrument :
MSVOA_X
ClientSampleId :
JPP-46B-032023

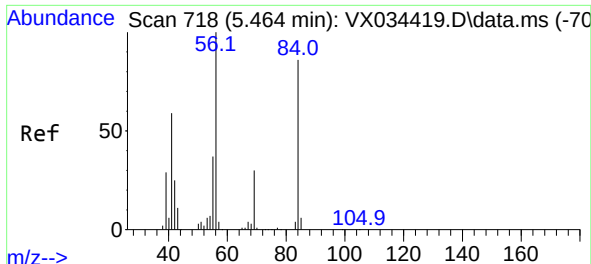
Tgt Ion: 43 Resp: 6350
Ion Ratio Lower Upper
43 100
72 31.1 19.3 28.9#



#29
Tetrahydrofuran
Concen: 0.579 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.018 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Tgt Ion: 42 Resp: 1160
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 21.4 32.1 48.1#

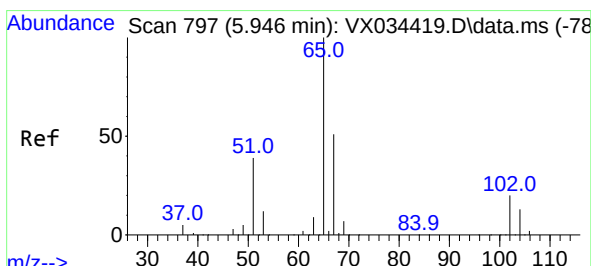
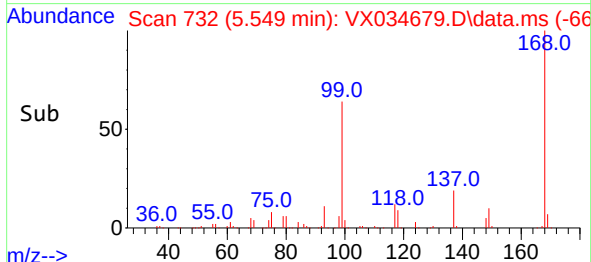
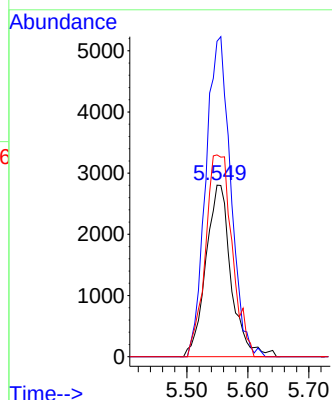
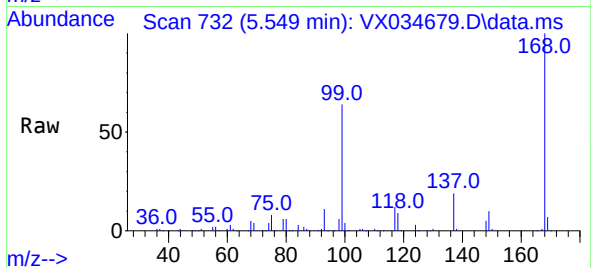




#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

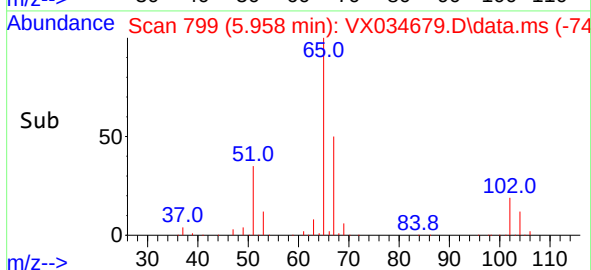
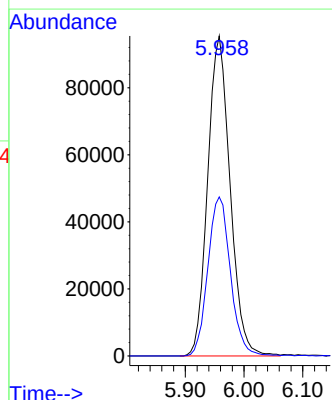
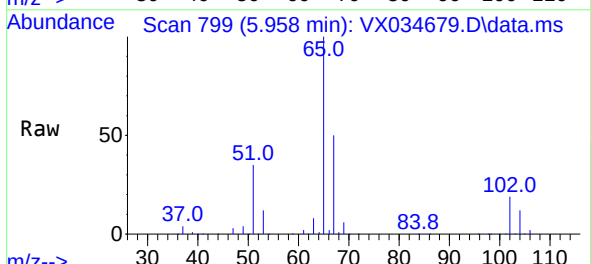
Instrument :
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ClientSampleId :
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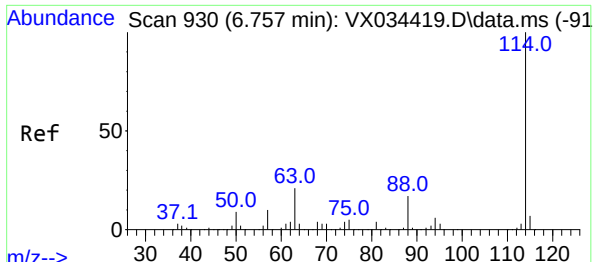
Tgt Ion: 56 Resp: 8071
Ion Ratio Lower Upper
56 100
69 183.9 23.7 35.5#
84 117.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 52.479 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Tgt Ion: 65 Resp: 252767
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0

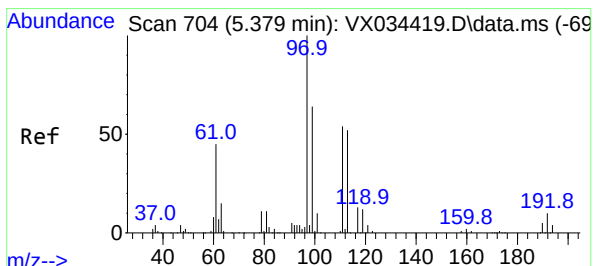
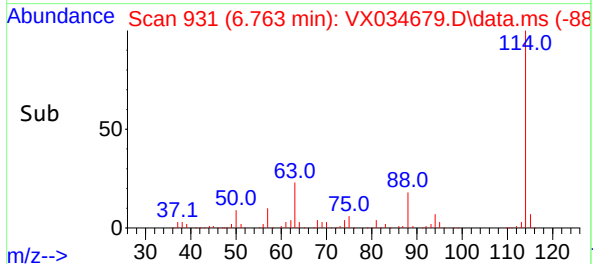
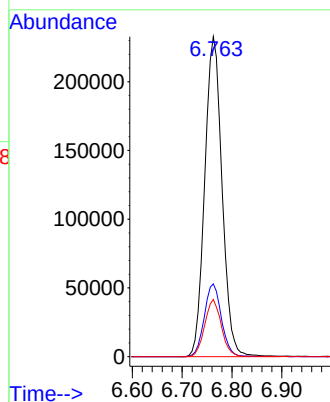
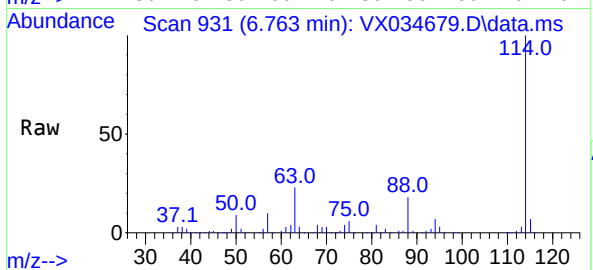




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

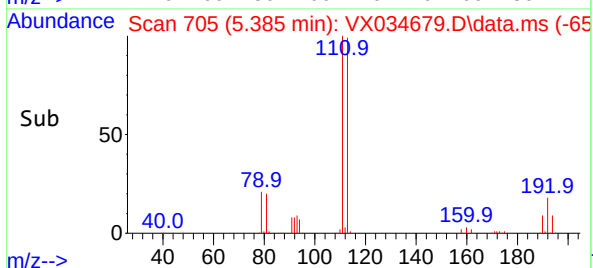
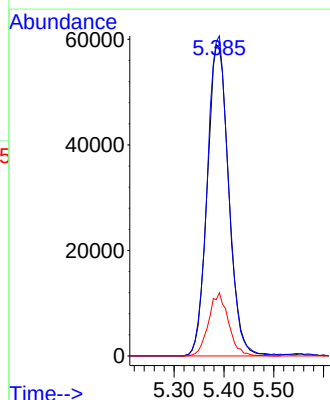
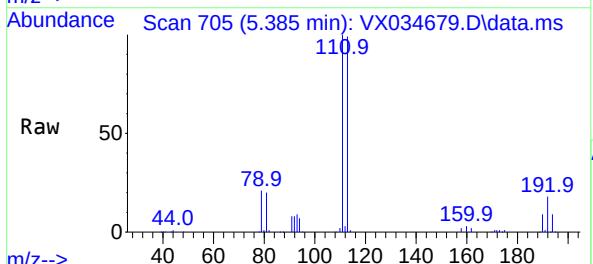
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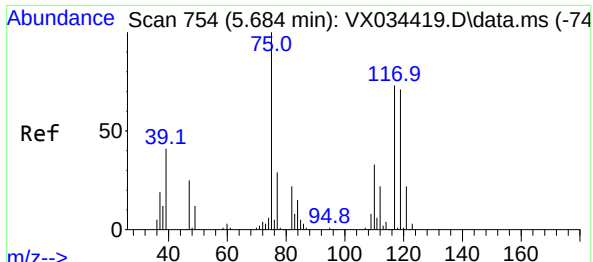
Tgt Ion:114 Resp: 561422
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.2
88 17.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.542 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

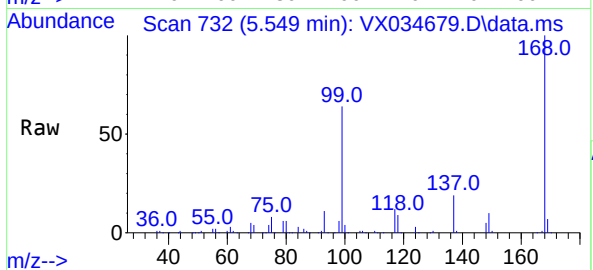
Tgt Ion:113 Resp: 176227
Ion Ratio Lower Upper
113 100
111 101.5 83.7 125.5
192 18.9 15.4 23.2



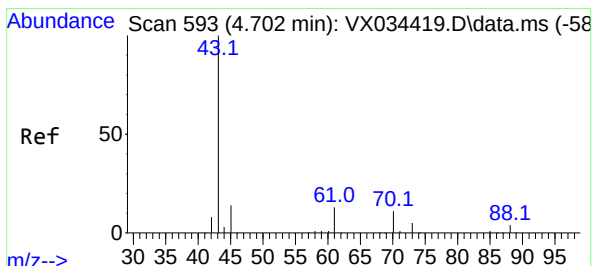
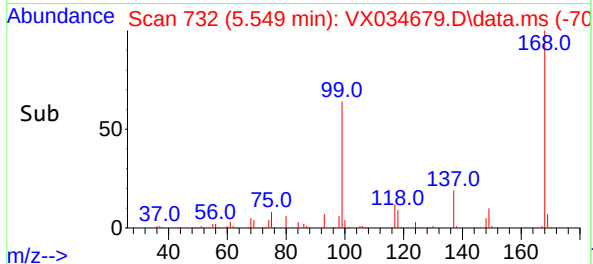
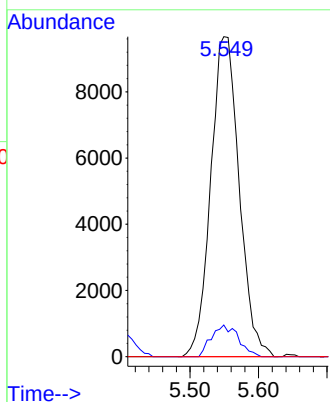


#36
1,1-Dichloropropene
Concen: 4.894 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Instrument :
MSVOA_X
ClientSampleId :
JPP-46B-032023

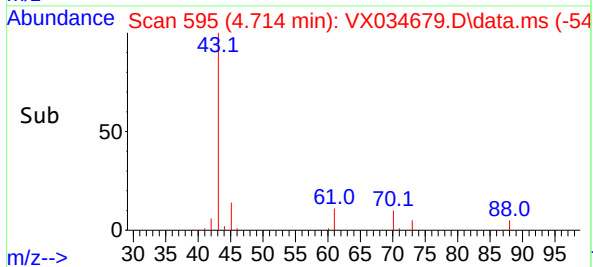
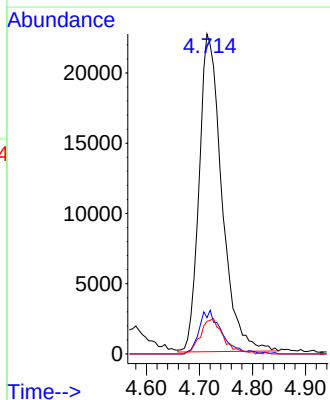
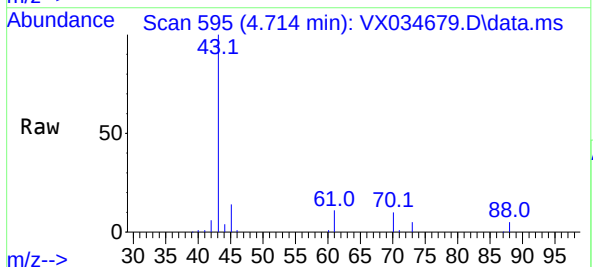


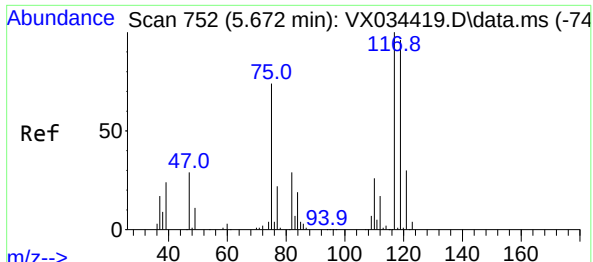
Tgt Ion: 75 Resp: 27861
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 10.793 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

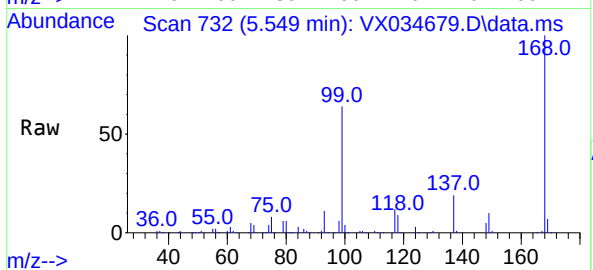
Tgt Ion: 43 Resp: 67128
Ion Ratio Lower Upper
43 100
61 13.3 10.2 15.4
70 11.3 8.2 12.4



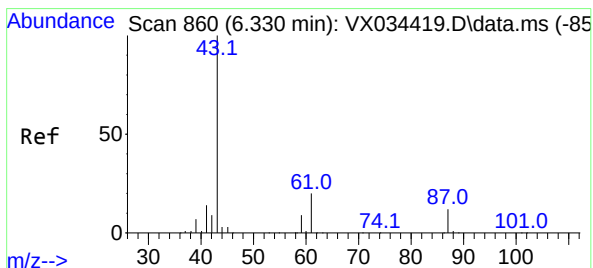
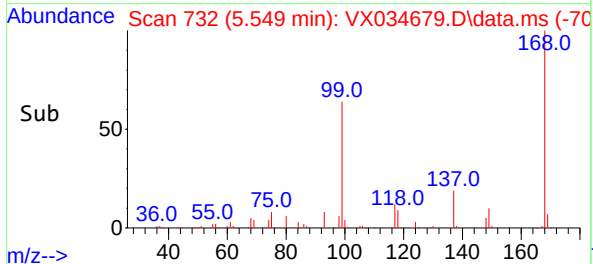
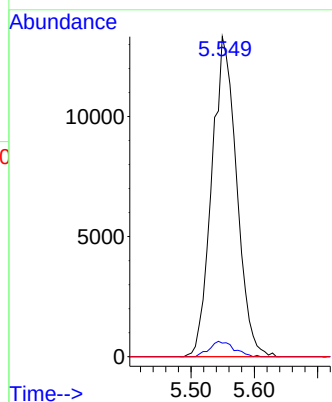


#38
Carbon Tetrachloride
Concen: 6.419 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Instrument :
MSVOA_X
ClientSampleId :
JPP-46B-032023

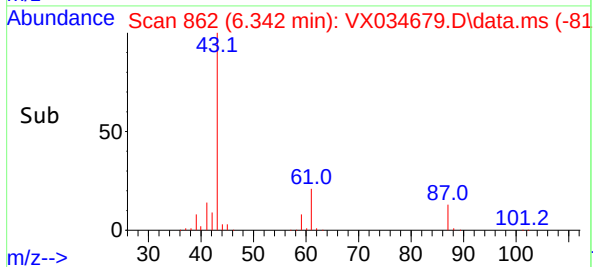
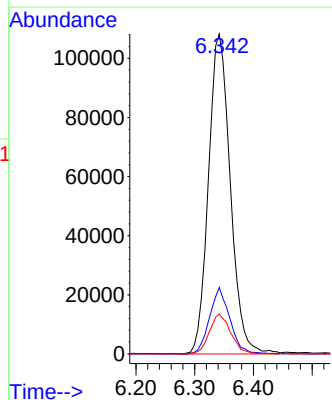
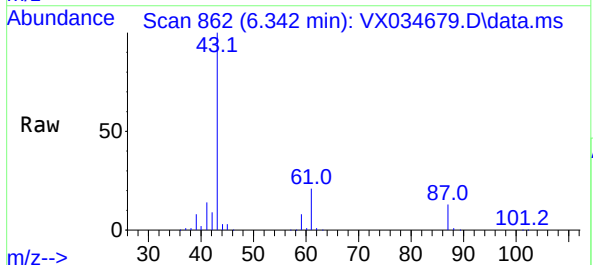


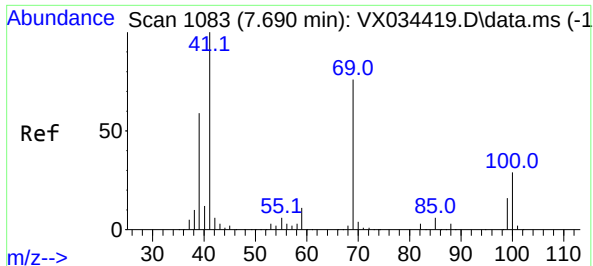
Tgt Ion:117 Resp: 36354
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 26.540 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.012 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Tgt Ion: 43 Resp: 279649
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 12.2 9.8 14.8





#48

Methyl methacrylate

Concen: 44.593 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.109 min

Lab File: VX034679.D

Acq: 22 Mar 2023 17:57

Instrument :

MSVOA_X

ClientSampleId :

JPP-46B-032023

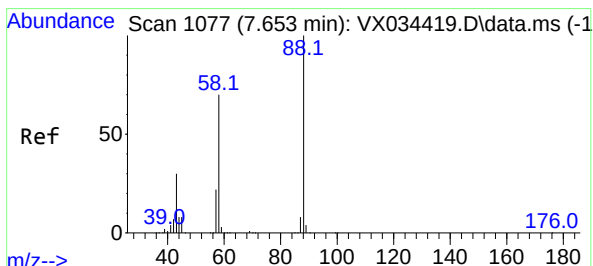
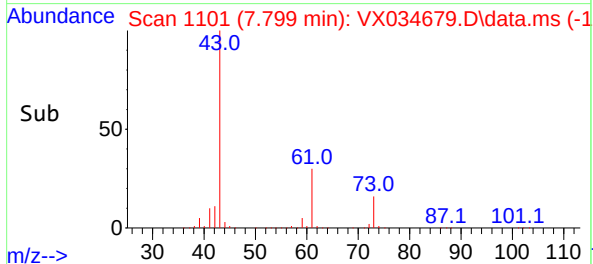
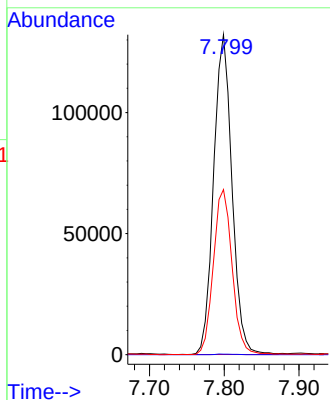
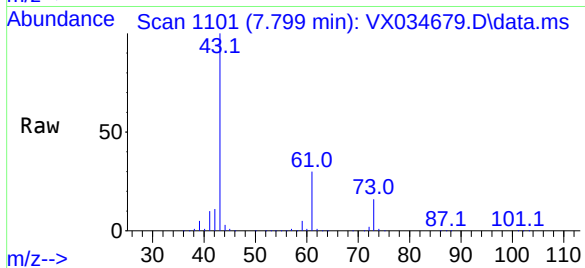
Tgt Ion: 41 Resp: 225980

Ion Ratio Lower Upper

41 100

69 0.2 62.2 93.4#

39 53.0 47.7 71.5



#49

1,4-Dioxane

Concen: 1.052 ug/l

RT: 7.640 min Scan# 1075

Delta R.T. -0.013 min

Lab File: VX034679.D

Acq: 22 Mar 2023 17:57

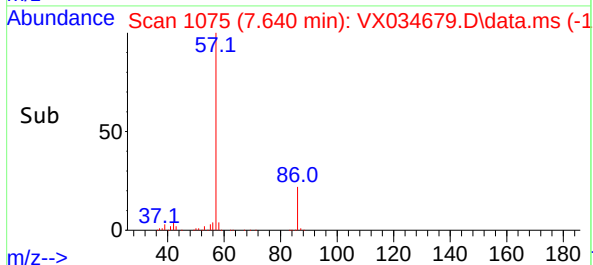
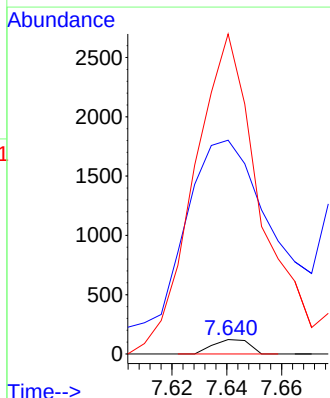
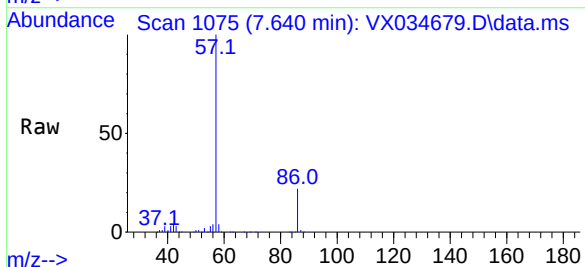
Tgt Ion: 88 Resp: 112

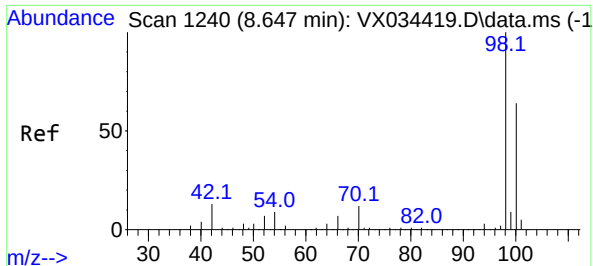
Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 4062.5 56.8 85.2#





#50

Toluene-d8

Concen: 48.164 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034679.D

Acq: 22 Mar 2023 17:57

Instrument :

MSVOA_X

ClientSampleId :

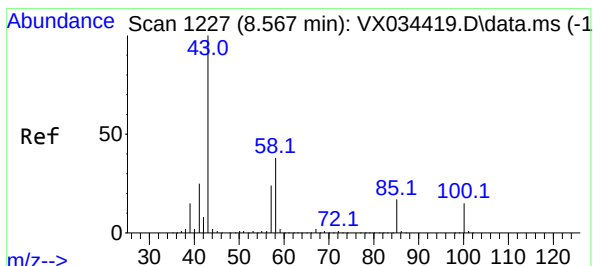
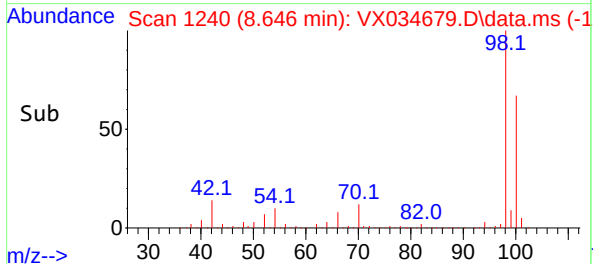
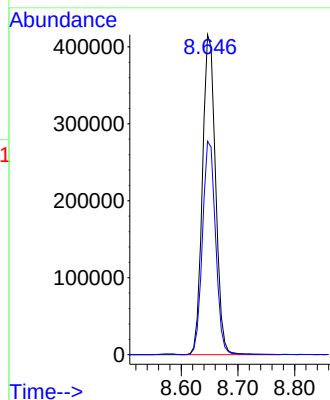
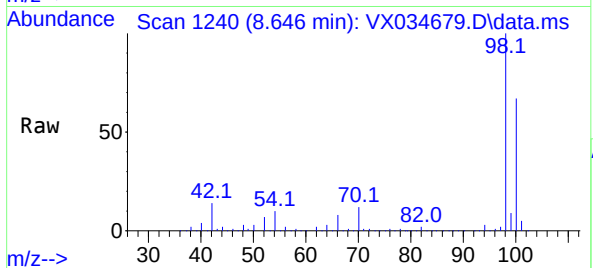
JPP-46B-032023

Tgt Ion: 98 Resp: 666470

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 36.582 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.019 min

Lab File: VX034679.D

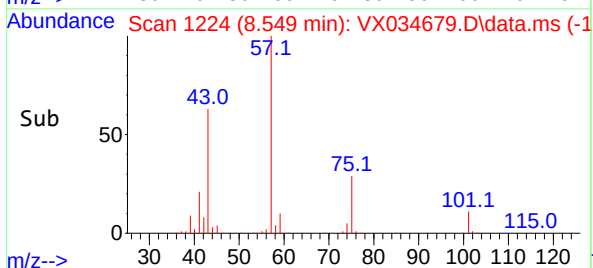
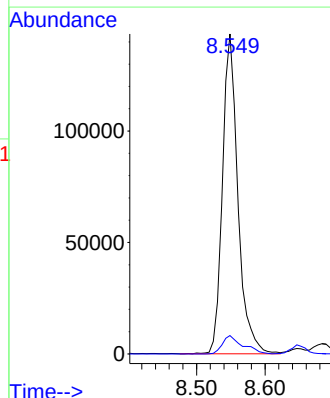
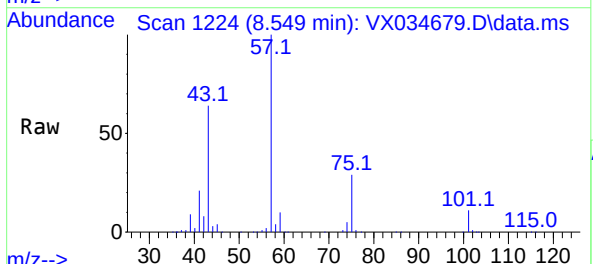
Acq: 22 Mar 2023 17:57

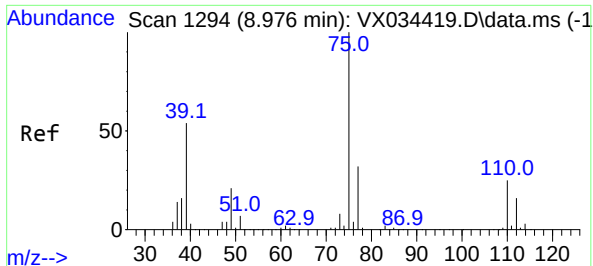
Tgt Ion: 43 Resp: 223607

Ion Ratio Lower Upper

43 100

58 7.7 30.6 46.0#





#53

t-1,3-Dichloropropene

Concen: 0.255 ug/l

RT: 8.957 min Scan# 11

Delta R.T. -0.019 min

Lab File: VX034679.D

Acq: 22 Mar 2023 17:57

Instrument :

MSVOA_X

ClientSampleId :

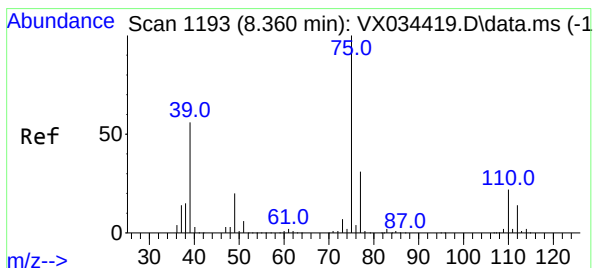
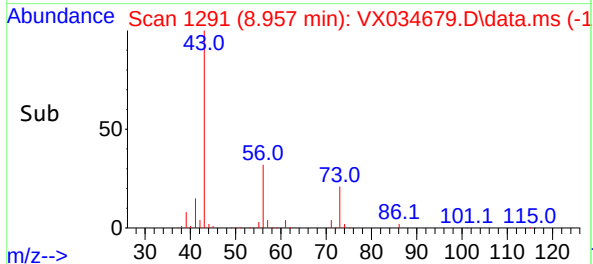
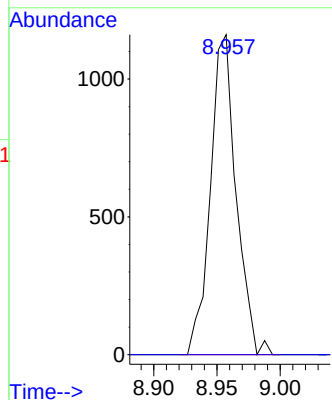
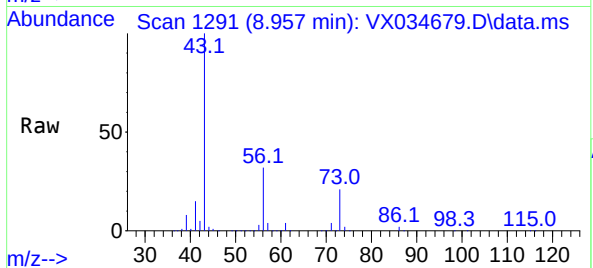
JPP-46B-032023

Tgt Ion: 75 Resp: 1644

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 13.770 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.189 min

Lab File: VX034679.D

Acq: 22 Mar 2023 17:57

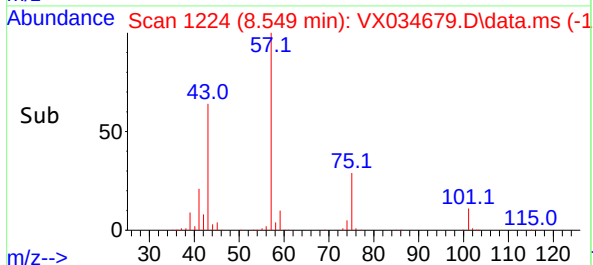
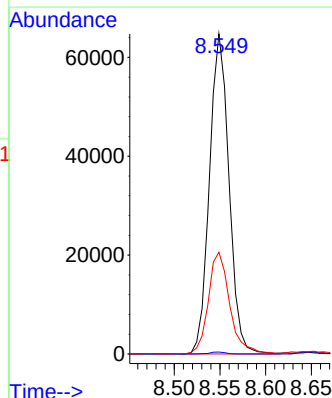
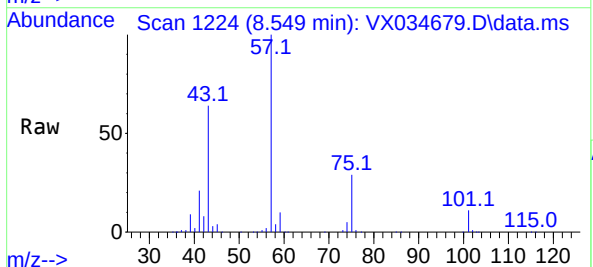
Tgt Ion: 75 Resp: 96035

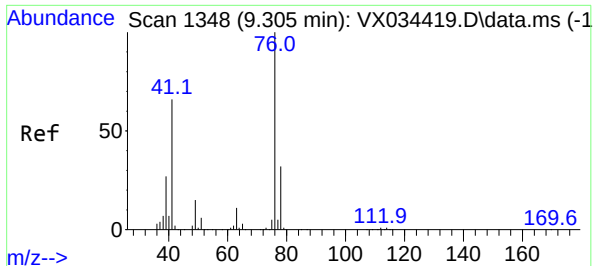
Ion Ratio Lower Upper

75 100

77 0.6 25.0 37.4#

39 31.7 44.6 66.8#





#57

1,3-Dichloropropane

Concen: 1.509 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.176 min

Lab File: VX034679.D

Acq: 22 Mar 2023 17:57

Instrument :

MSVOA_X

ClientSampleId :

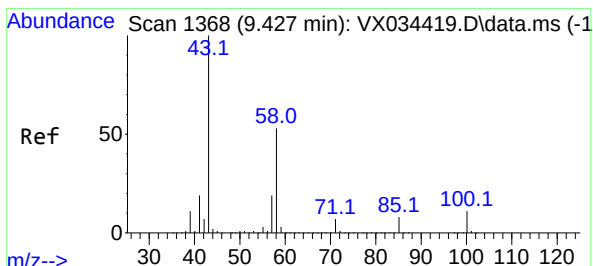
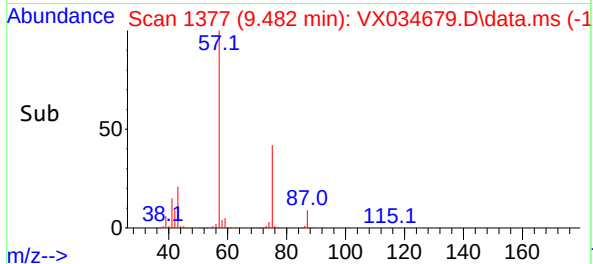
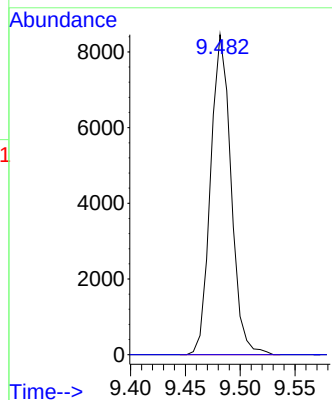
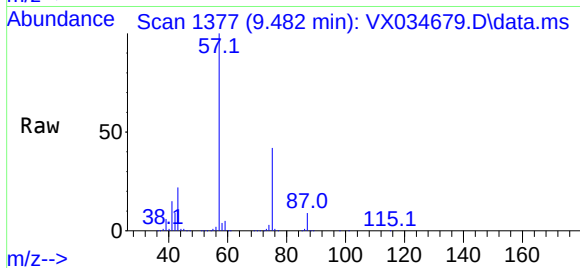
JPP-46B-032023

Tgt Ion: 76 Resp: 10978

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 34.644 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.054 min

Lab File: VX034679.D

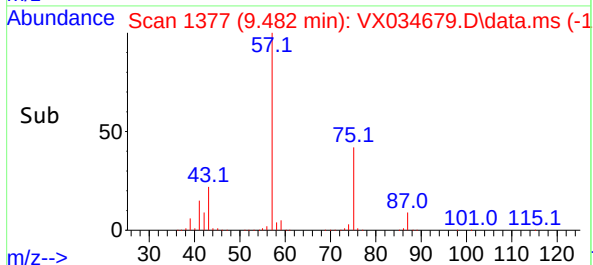
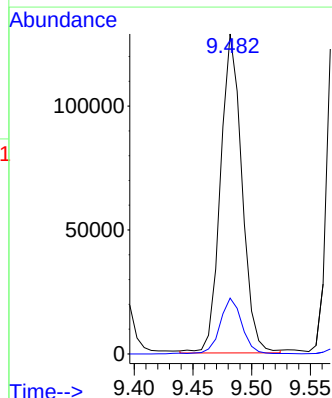
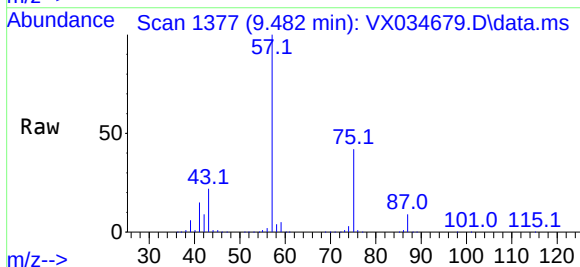
Acq: 22 Mar 2023 17:57

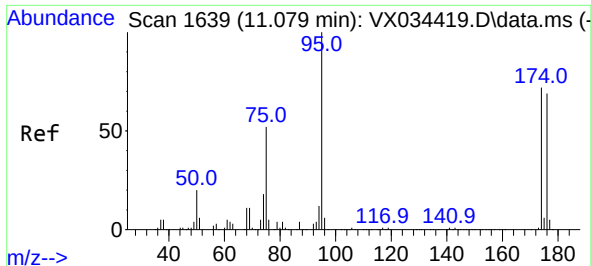
Tgt Ion: 43 Resp: 163695

Ion Ratio Lower Upper

43 100

58 18.1 26.3 78.9#

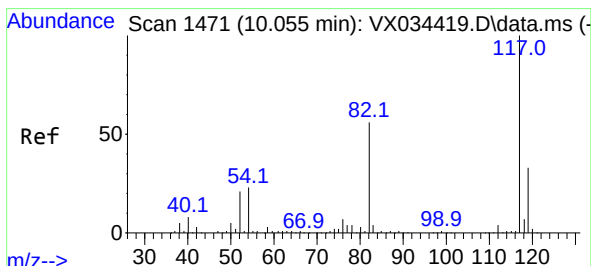
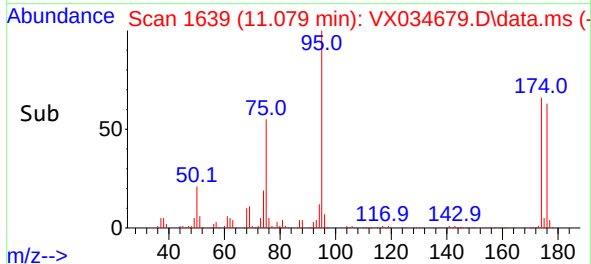
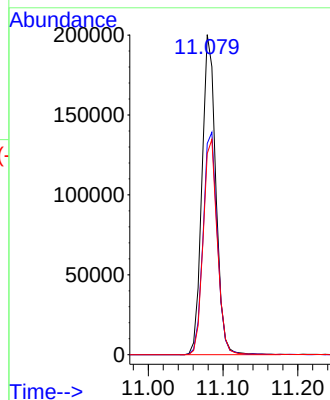
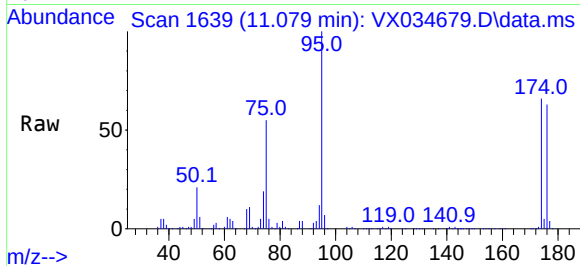




#62
4-Bromofluorobenzene
Concen: 46.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

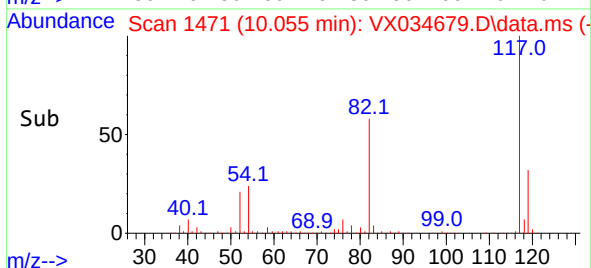
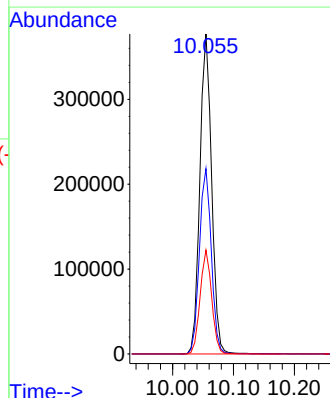
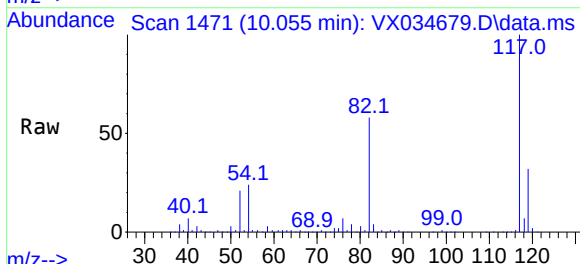
Instrument :
MSVOA_X
ClientSampleId :
JPP-46B-032023

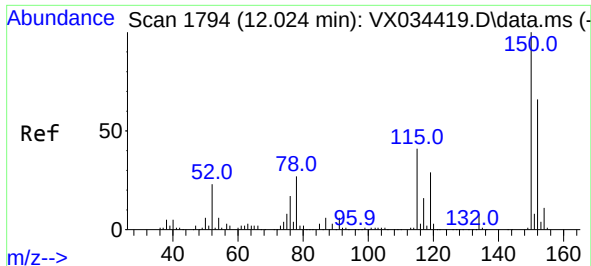
Tgt Ion: 95 Resp: 257675
Ion Ratio Lower Upper
95 100
174 71.1 0.0 147.4
176 68.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Tgt Ion: 117 Resp: 503770
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.5 26.0 39.0

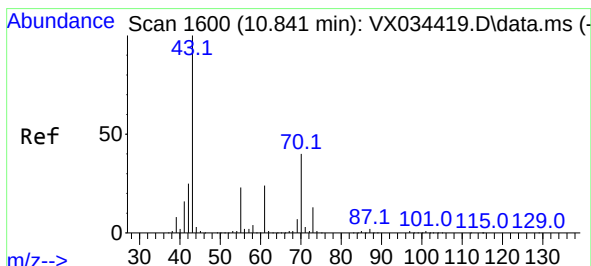
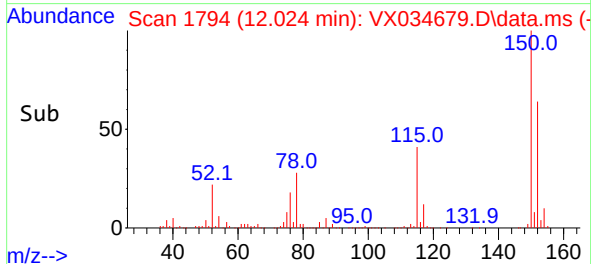
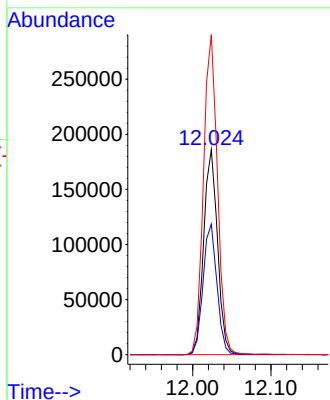
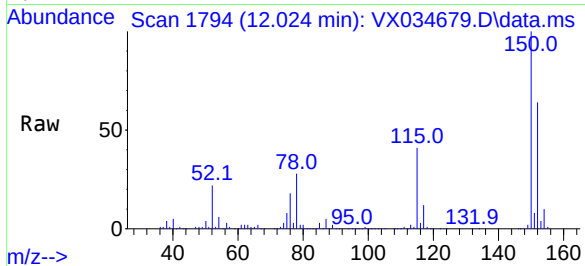




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

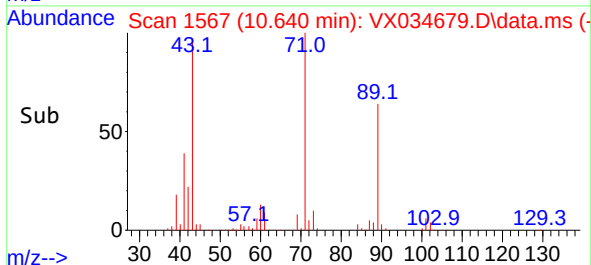
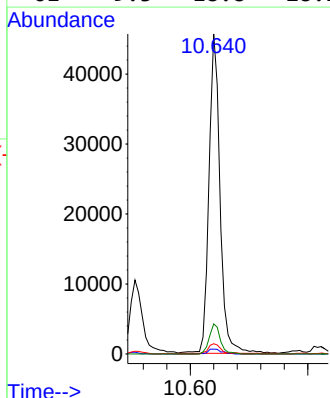
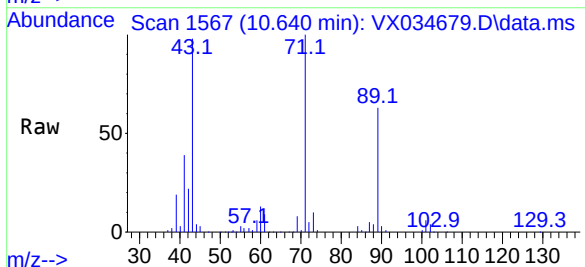
Instrument :
MSVOA_X
ClientSampleId :
JPP-46B-032023

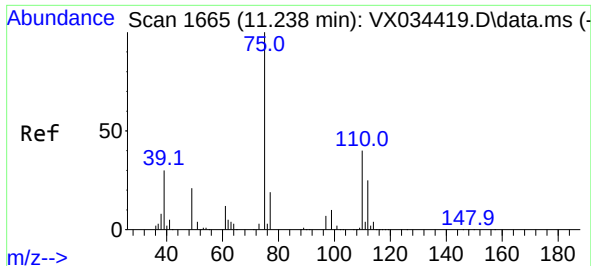
Tgt Ion:152 Resp: 228813
Ion Ratio Lower Upper
152 100
115 63.8 45.0 135.0
150 157.2 0.0 352.4



#74
N-ethyl acetate
Concen: 7.069 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.202 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Tgt Ion: 43 Resp: 59874
Ion Ratio Lower Upper
43 100
70 1.9 32.1 48.1#
55 3.7 18.3 27.5#
61 9.3 18.8 28.2#

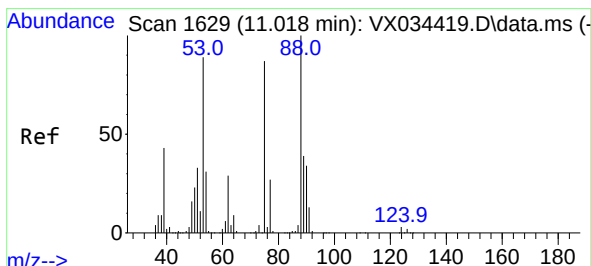
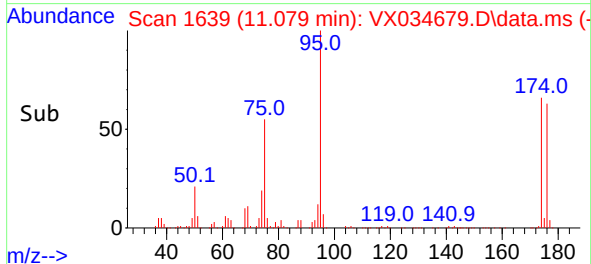
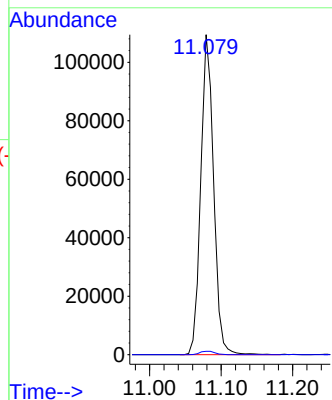
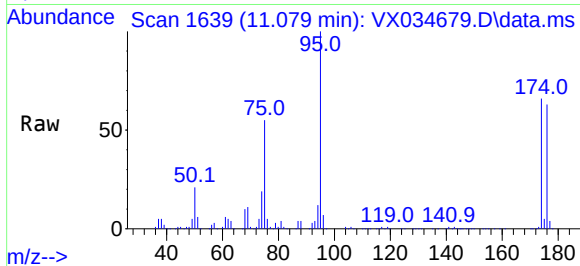




#76
1,2,3-Trichloropropane
Concen: 25.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Instrument :
MSVOA_X
ClientSampleId :
JPP-46B-032023

Tgt Ion: 75 Resp: 136332
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034679.D
Acq: 22 Mar 2023 17:57

Tgt Ion: 75 Resp: 136332
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

