

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034696.D
 Acq On : 23 Mar 2023 14:19
 Operator : JC/MD
 Sample : 02021-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-46A-032023

Quant Time: Mar 24 05:44:12 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)

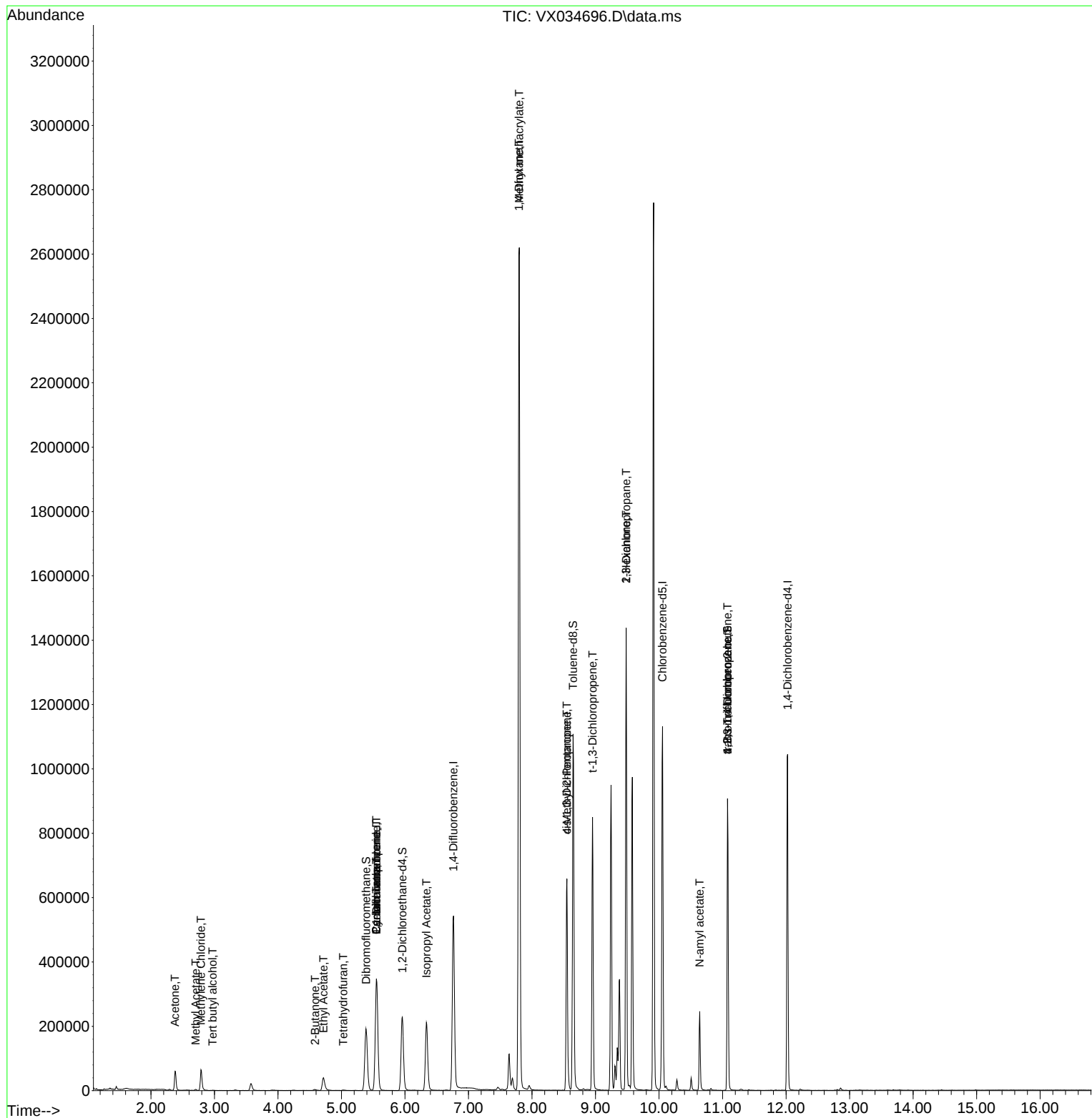
Internal Standards						
1) Pentafluorobenzene	5.550	168	316215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229122	49.806	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.620%		
35) Dibromofluoromethane	5.385	113	169663	47.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.760%		
50) Toluene-d8	8.647	98	644835	48.748	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.500%		
62) 4-Bromofluorobenzene	11.079	95	247075	46.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.480%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	324	Below Cal		97
11) Tert butyl alcohol	2.971	59	972	1.015 ug/l #		92
16) Acetone	2.380	43	69514	32.079 ug/l		95
18) Methyl Acetate	2.703	43	4194	0.592 ug/l		97
20) Methylene Chloride	2.788	84	28824	6.854 ug/l		96
25) 2-Butanone	4.587	43	6733	2.171 ug/l		96
29) Tetrahydrofuran	5.025	42	1125	0.588 ug/l		93
31) Cyclohexane	5.550	56	7823	1.213 ug/l #		10
36) 1,1-Dichloropropene	5.550	75	26612	4.890 ug/l #		51
37) Ethyl Acetate	4.715	43	71317	11.995 ug/l		98
38) Carbon Tetrachloride	5.550	117	34819	6.431 ug/l #		16
43) Isopropyl Acetate	6.336	43	298207	29.606 ug/l		100
48) Methyl methacrylate	7.799	41	239031	49.342 ug/l #		46
49) 1,4-Dioxane	7.793	88	353	3.469 ug/l #		1
51) 4-Methyl-2-Pentanone	8.549	43	235065	40.229 ug/l #		49
53) t-1,3-Dichloropropene	8.952	75	1898	0.308 ug/l #		43
54) cis-1,3-Dichloropropene	8.549	75	101359	15.203 ug/l #		58
57) 1,3-Dichloropropane	9.482	76	11988	1.724 ug/l #		42
59) 2-Hexanone	9.482	43	174345	38.598 ug/l #		52
74) N-amyl acetate	10.640	43	67275	8.233 ug/l #		53
76) 1,2,3-Trichloropropane	11.079	75	131386	25.922 ug/l #		34
81) trans-1,4-Dichloro-2-b...	11.079	75	131386	70.128 ug/l #		8

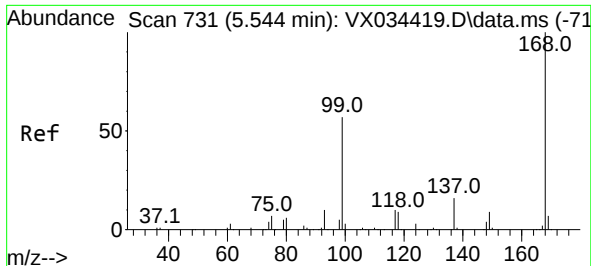
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX034696.D
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Response via : Initial Calibration

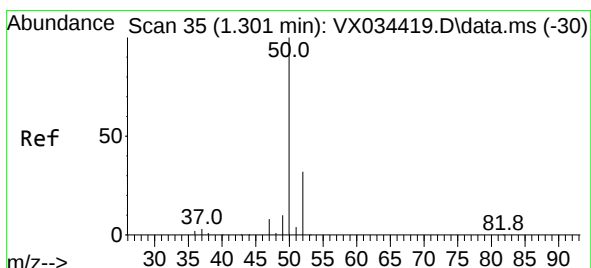
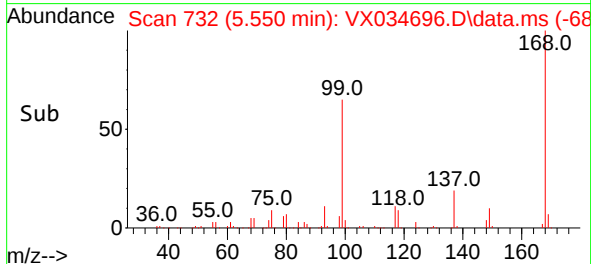
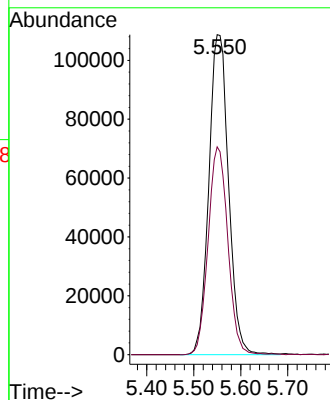
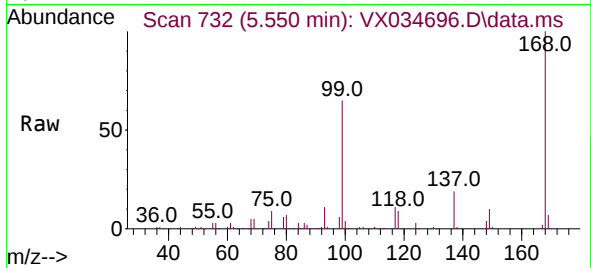




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

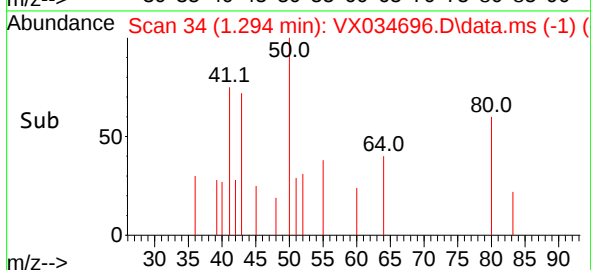
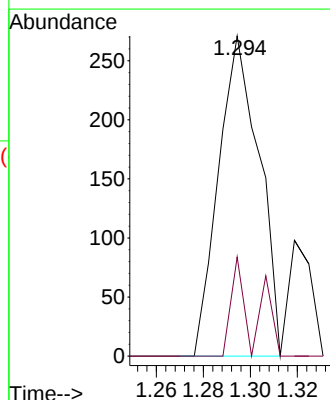
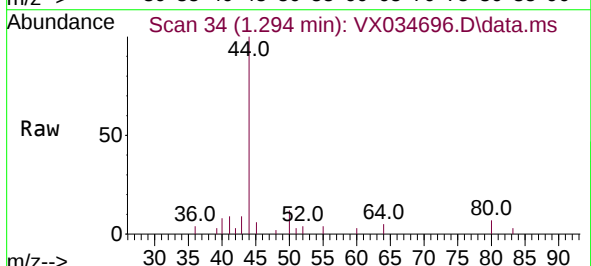
Instrument :
MSVOA_X
ClientSampleId :
JPP-46A-032023

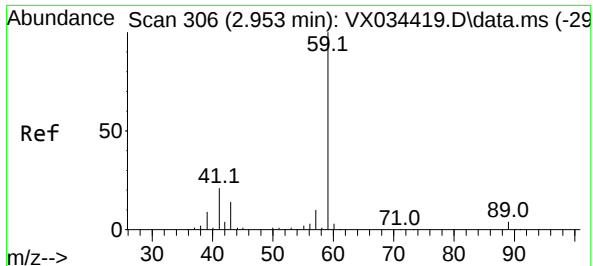
Tgt Ion:168 Resp: 316215
Ion Ratio Lower Upper
168 100
99 65.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion: 50 Resp: 324
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9

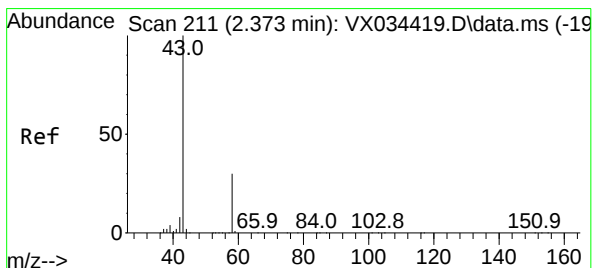
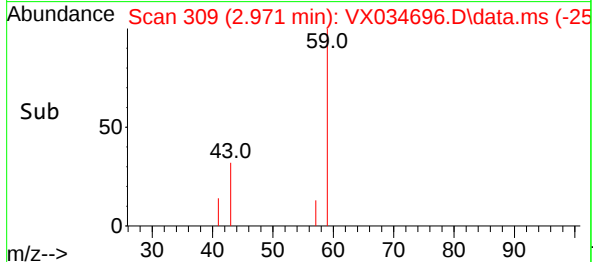
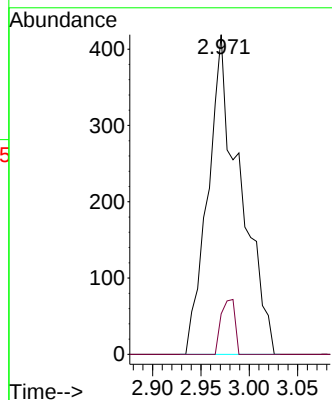
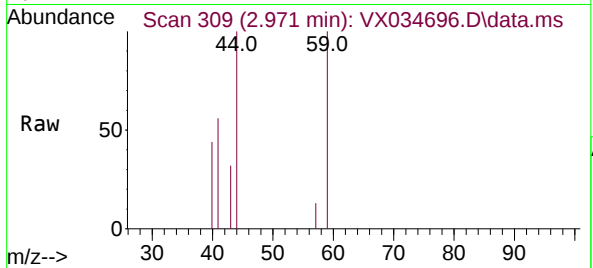




#11
Tert butyl alcohol
Concen: 1.015 ug/l
RT: 2.971 min Scan# 306
Delta R.T. 0.018 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

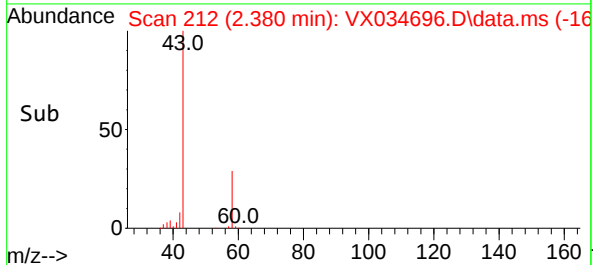
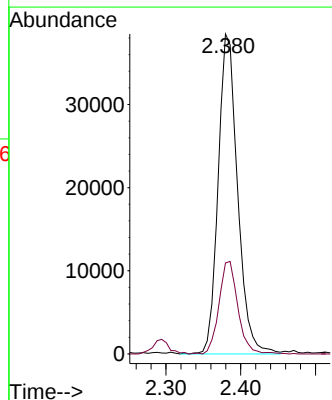
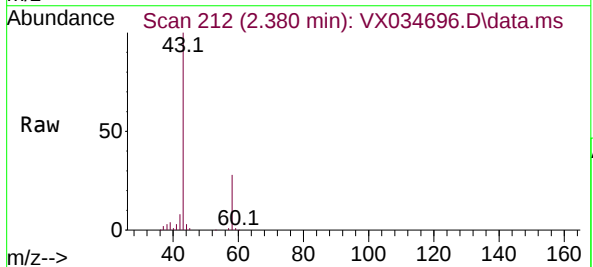
Instrument :
MSVOA_X
ClientSampleId :
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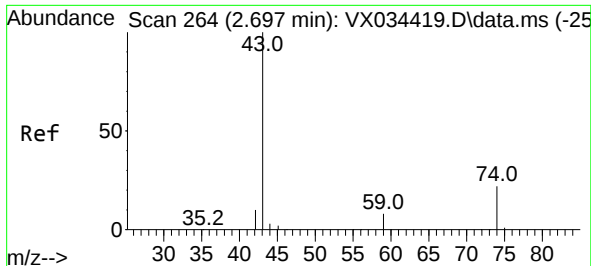
Tgt Ion: 59 Resp: 972
Ion Ratio Lower Upper
59 100
57 7.3 8.1 12.1#



#16
Acetone
Concen: 32.079 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion: 43 Resp: 69514
Ion Ratio Lower Upper
43 100
58 28.3 24.7 37.1

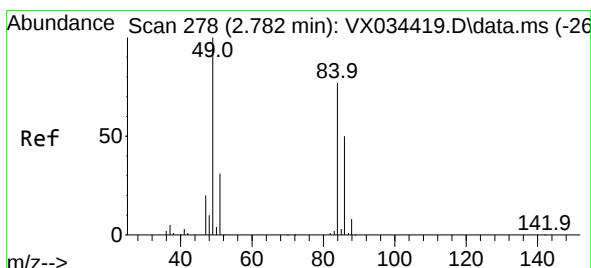
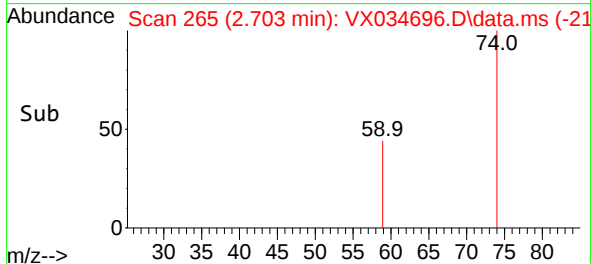
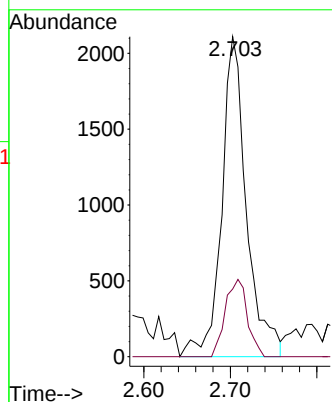
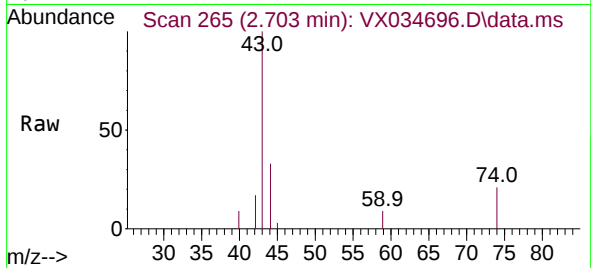




#18
Methyl Acetate
Concen: 0.592 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

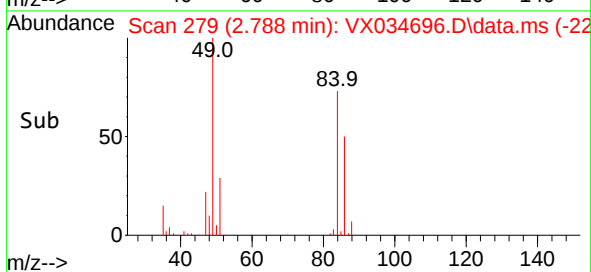
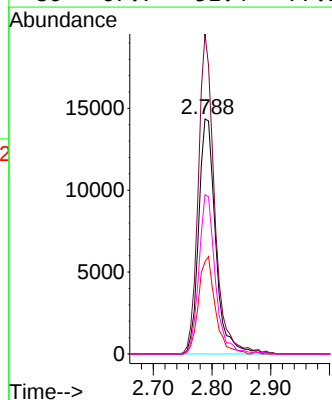
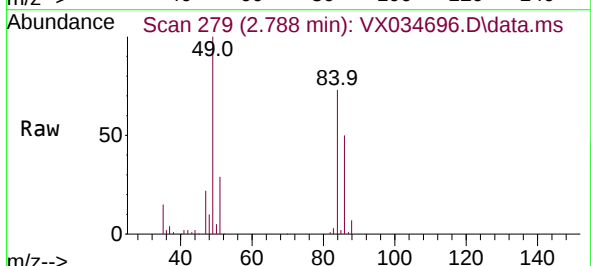
Instrument :
MSVOA_X
ClientSampleId :
JPP-46A-032023

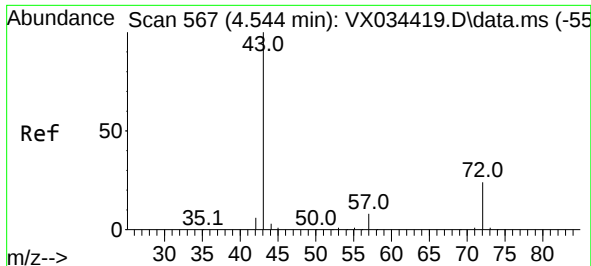
Tgt Ion: 43 Resp: 4194
Ion Ratio Lower Upper
43 100
74 21.5 18.3 27.5



#20
Methylene Chloride
Concen: 6.854 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion: 84 Resp: 28824
Ion Ratio Lower Upper
84 100
49 136.1 103.8 155.8
51 39.2 31.8 47.8
86 67.7 51.4 77.2

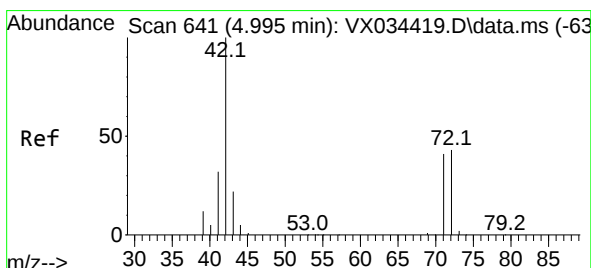
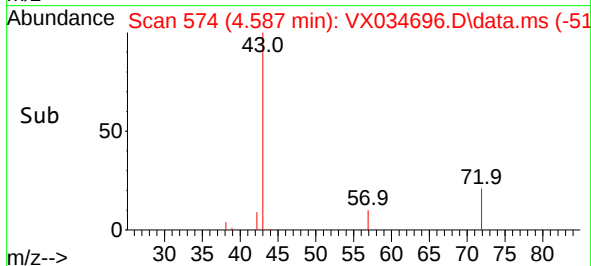
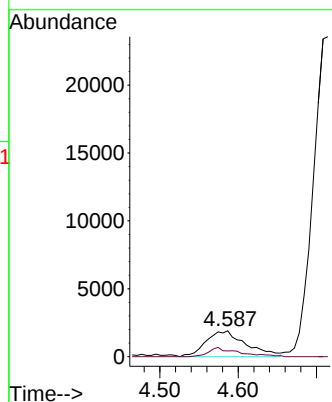
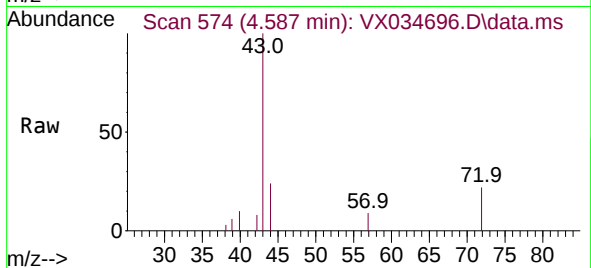




#25
2-Butanone
Concen: 2.171 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

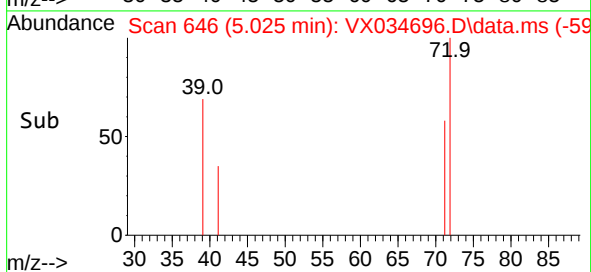
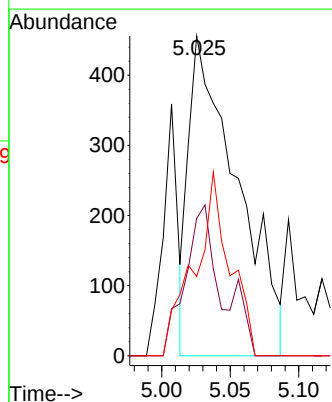
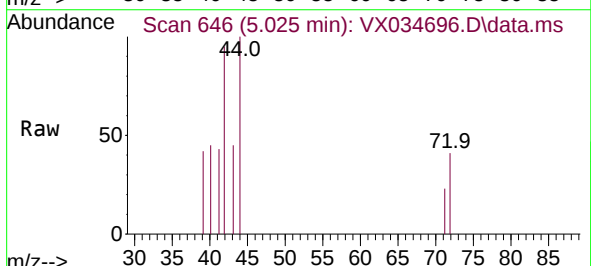
Instrument :
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ClientSampleId :
JPP-46A-032023

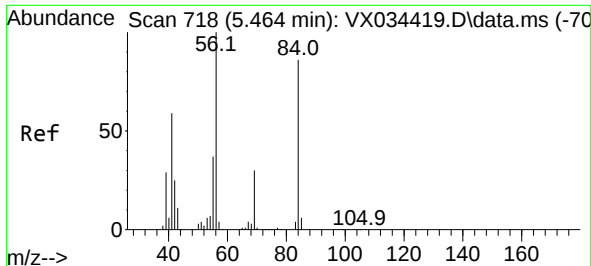
Tgt Ion: 43 Resp: 6733
Ion Ratio Lower Upper
43 100
72 22.3 19.3 28.9



#29
Tetrahydrofuran
Concen: 0.588 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.030 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

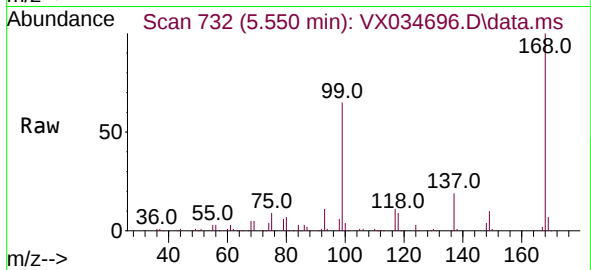
Tgt Ion: 42 Resp: 1125
Ion Ratio Lower Upper
42 100
72 35.6 34.5 51.7
71 41.6 32.1 48.1



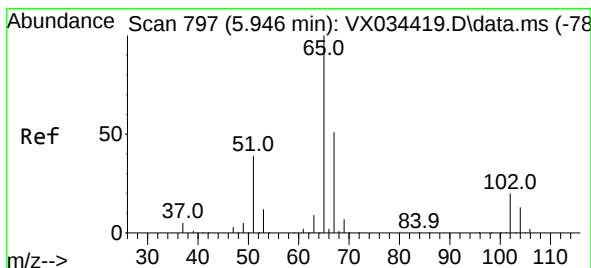
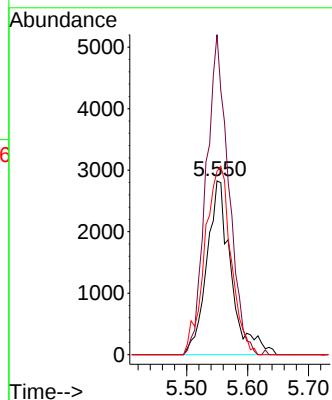
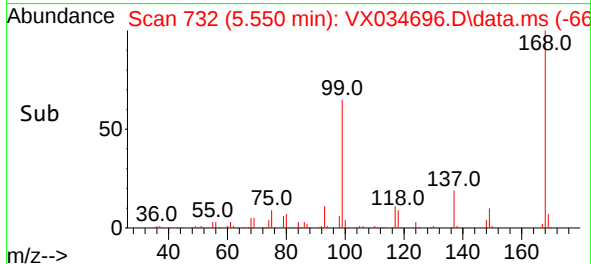


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Instrument :
MSVOA_X
ClientSampleId :
JPP-46A-032023

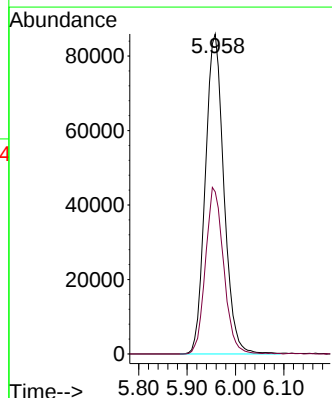
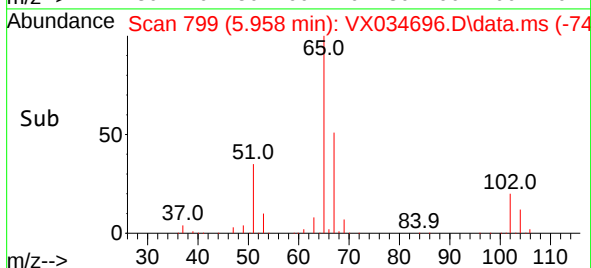
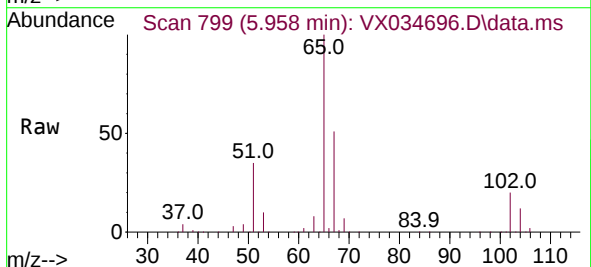


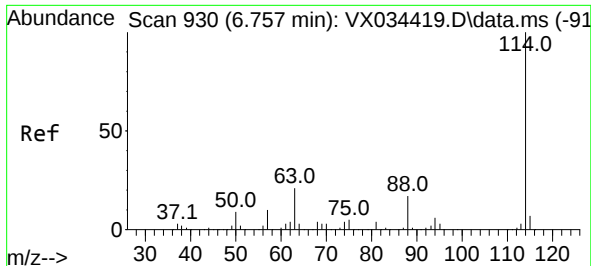
Tgt Ion: 56 Resp: 7823
Ion Ratio Lower Upper
56 100
69 184.1 23.7 35.5#
84 105.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.806 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion: 65 Resp: 229122
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

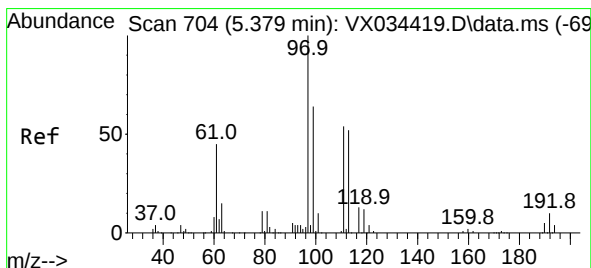
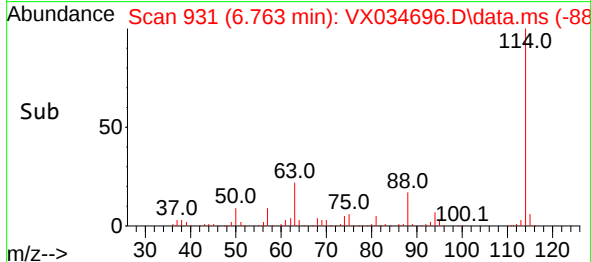
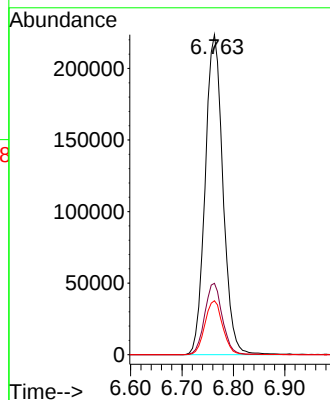
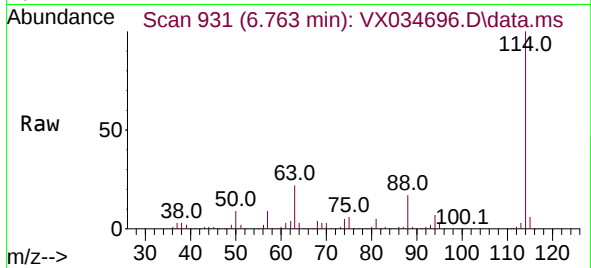




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

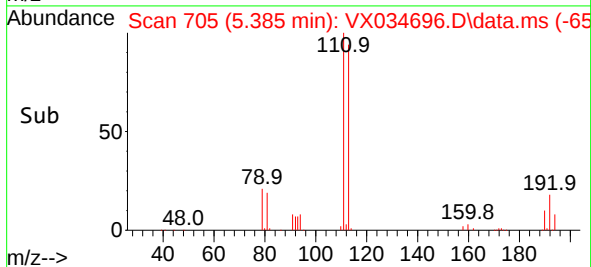
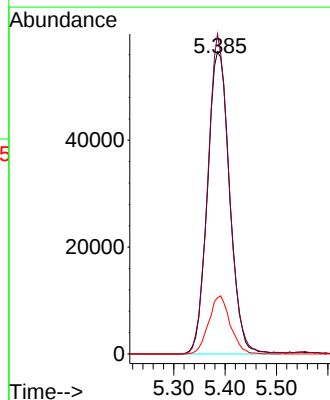
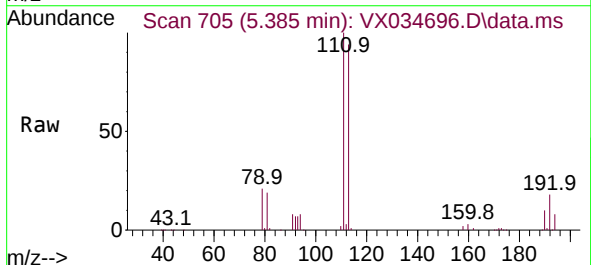
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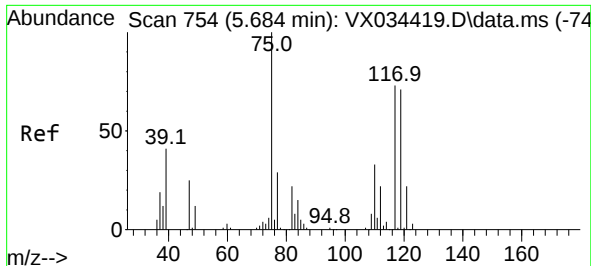
Tgt Ion:114 Resp: 536687
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.881 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion:113 Resp: 169663
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 18.7 15.4 23.2

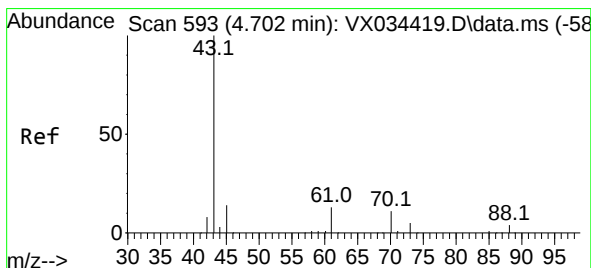
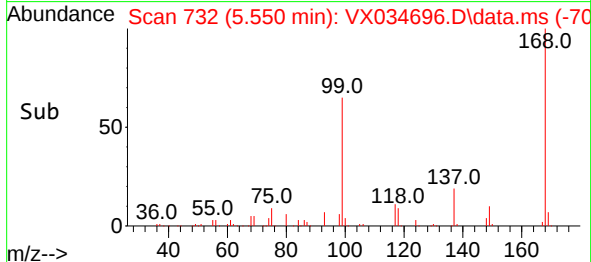
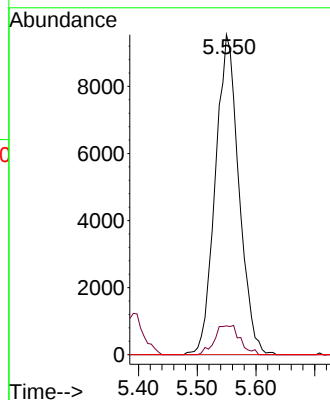
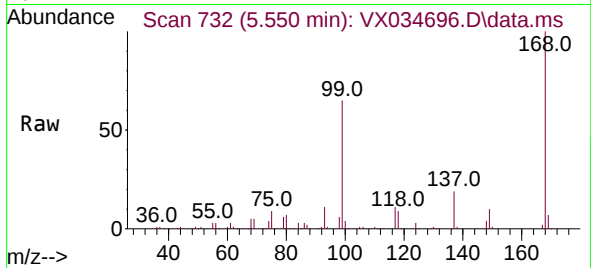




#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

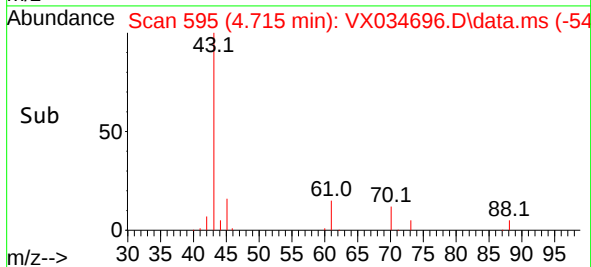
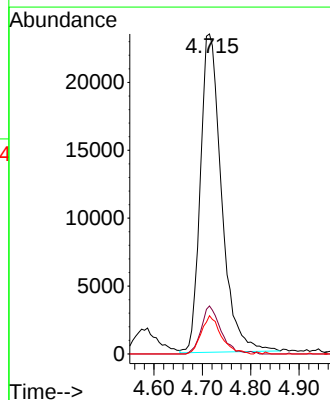
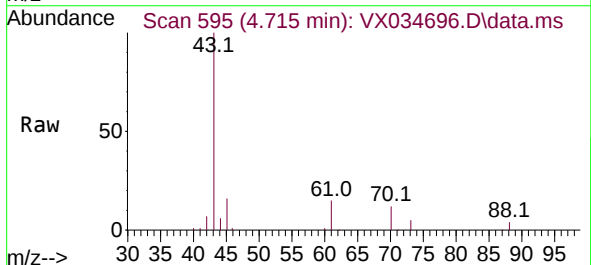
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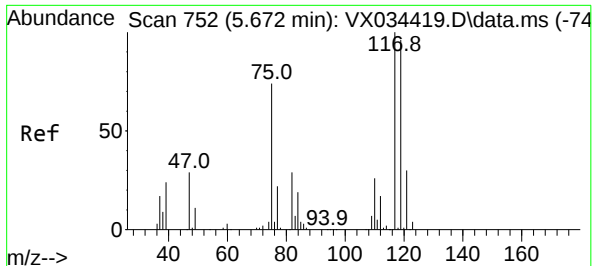
Tgt Ion: 75 Resp: 26612
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 11.995 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

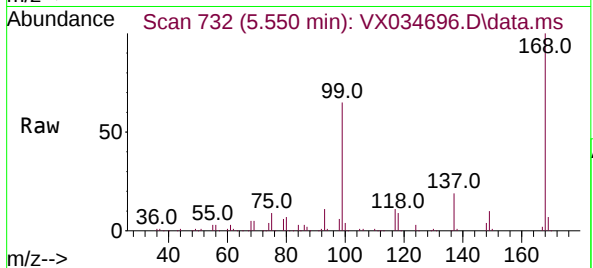
Tgt Ion: 43 Resp: 71317
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.4
70 11.2 8.2 12.4



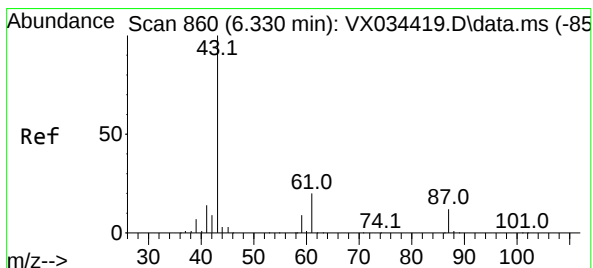
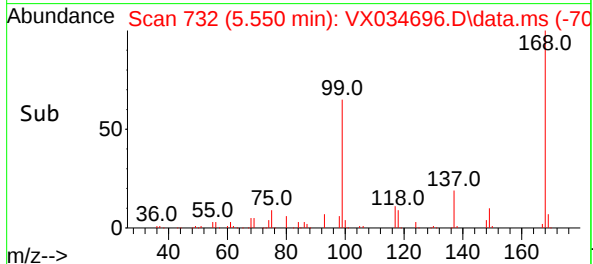
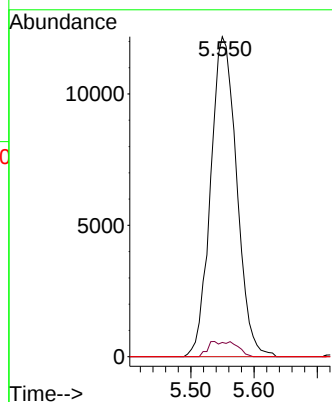


#38
Carbon Tetrachloride
Concen: 6.431 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Instrument :
MSVOA_X
ClientSampleId :
JPP-46A-032023

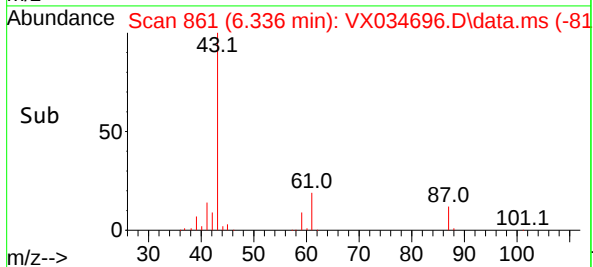
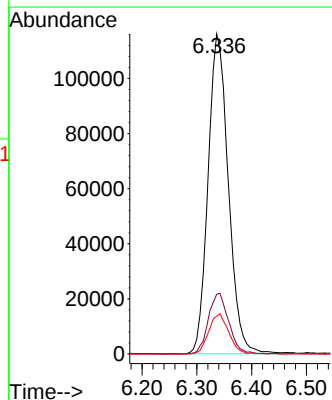
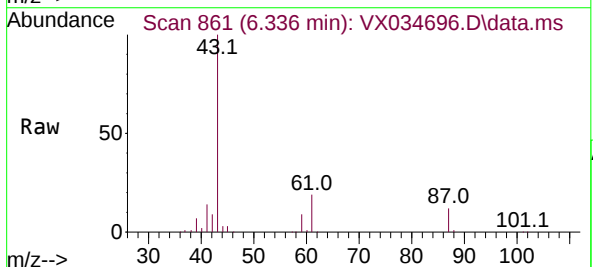


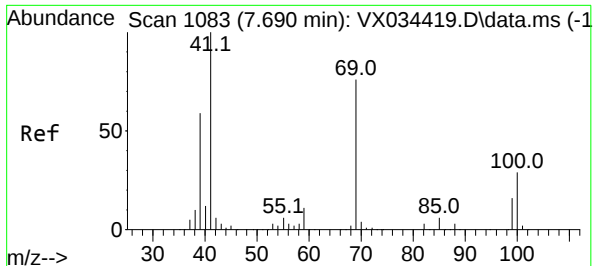
Tgt Ion:117 Resp: 34819
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 29.606 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion: 43 Resp: 298207
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.4 9.8 14.8





#48

Methyl methacrylate

Concen: 49.342 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX034696.D

Acq: 23 Mar 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

JPP-46A-032023

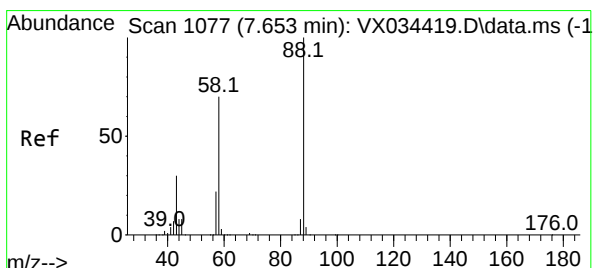
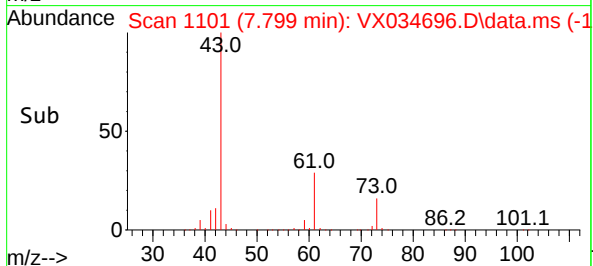
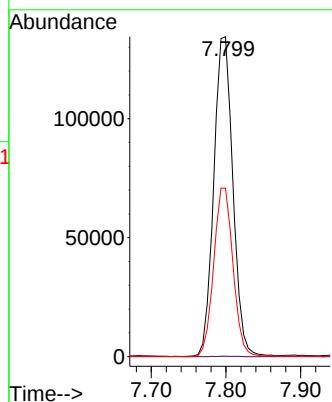
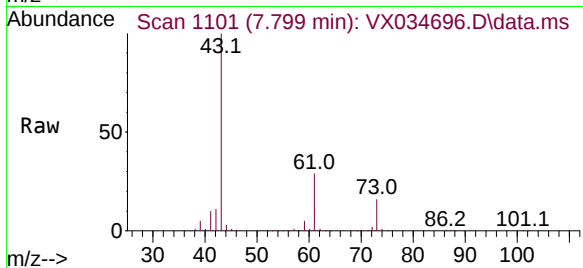
Tgt Ion: 41 Resp: 239031

Ion Ratio Lower Upper

41 100

69 0.2 62.2 93.4#

39 53.5 47.7 71.5



#49

1,4-Dioxane

Concen: 3.469 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.140 min

Lab File: VX034696.D

Acq: 23 Mar 2023 14:19

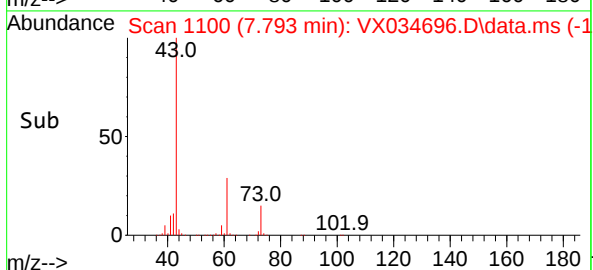
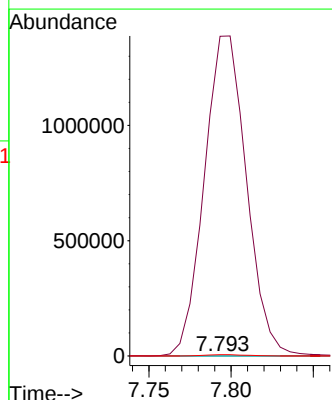
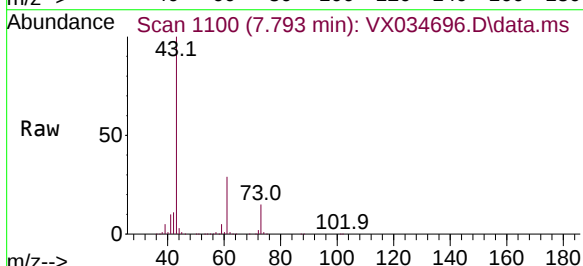
Tgt Ion: 88 Resp: 353

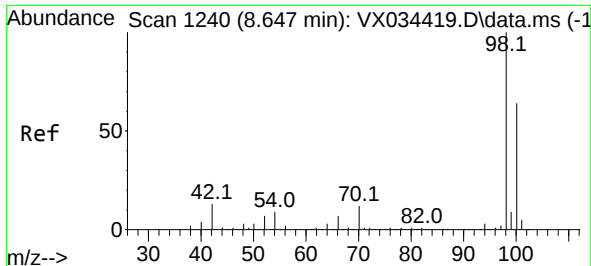
Ion Ratio Lower Upper

88 100

43 705807.4 27.7 41.5#

58 2802.5 56.8 85.2#

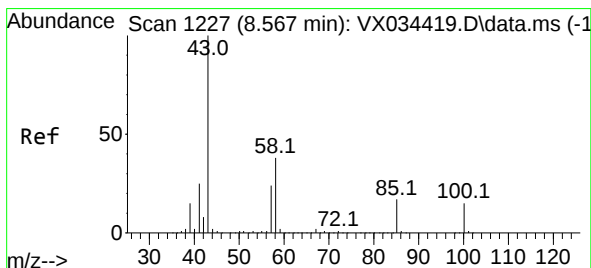
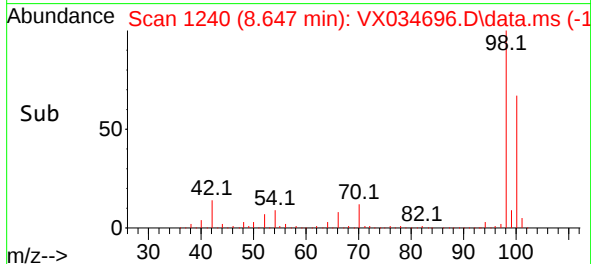
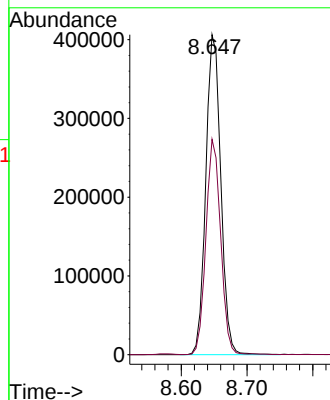
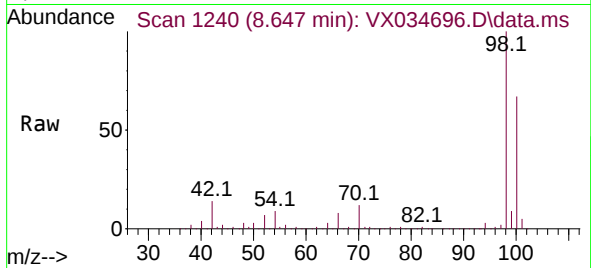




#50
Toluene-d8
Concen: 48.748 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

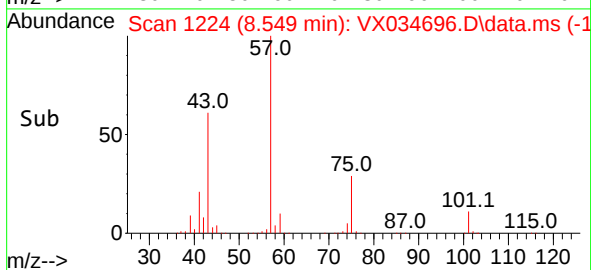
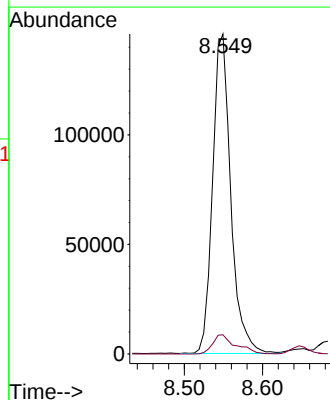
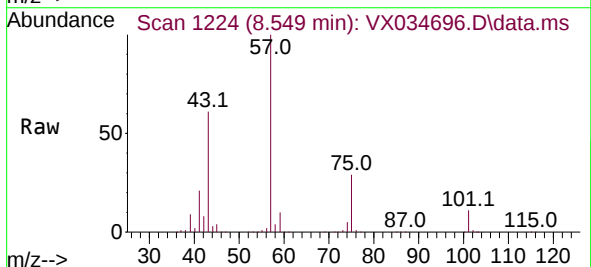
Instrument :
MSVOA_X
ClientSampleId :
JPP-46A-032023

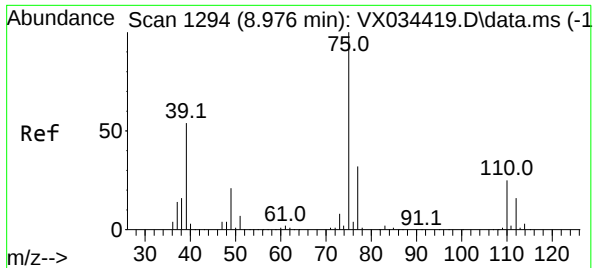
Tgt Ion: 98 Resp: 644835
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 40.229 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion: 43 Resp: 235065
Ion Ratio Lower Upper
43 100
58 7.7 30.6 46.0#

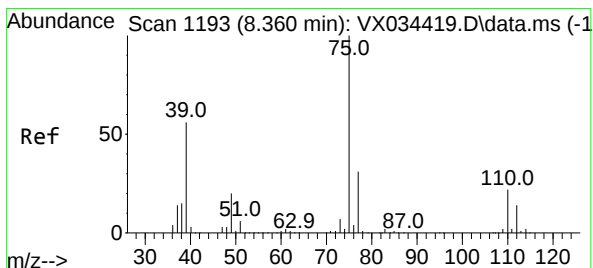
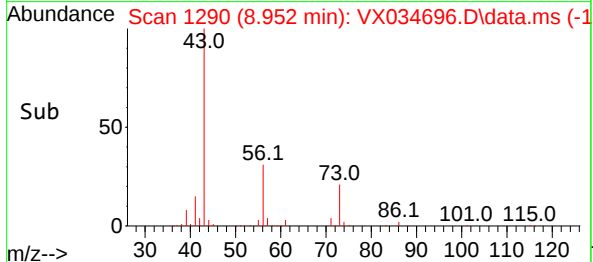
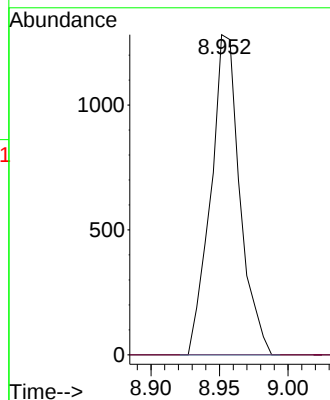
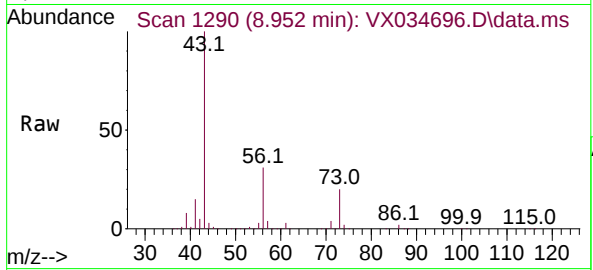




#53
 t-1,3-Dichloropropene
 Concen: 0.308 ug/l
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX034696.D
 Acq: 23 Mar 2023 14:19

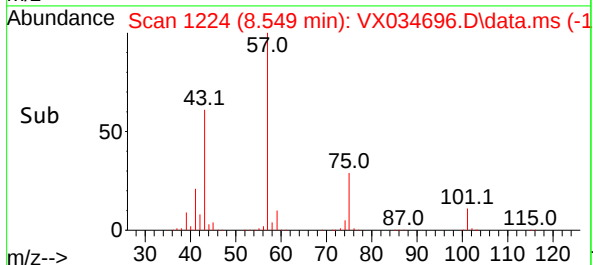
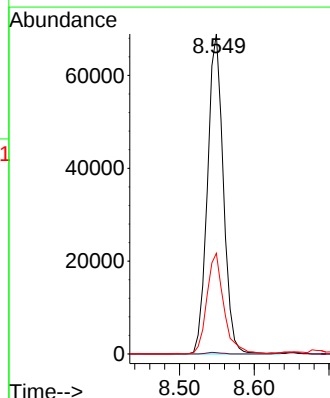
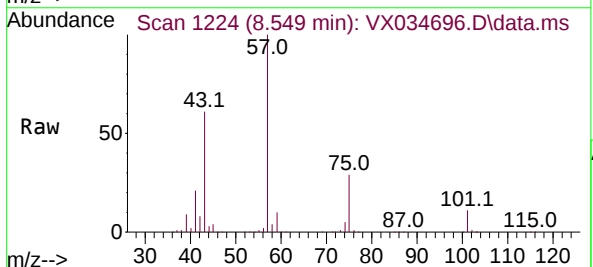
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-46A-032023

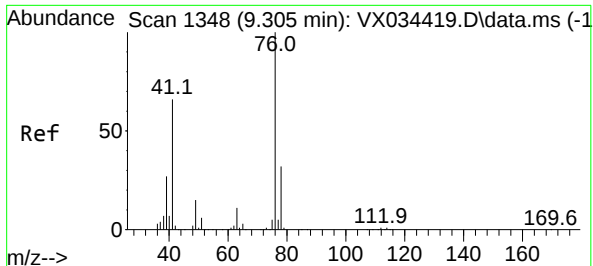
Tgt Ion: 75 Resp: 1898
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 15.203 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.189 min
 Lab File: VX034696.D
 Acq: 23 Mar 2023 14:19

Tgt Ion: 75 Resp: 101359
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.0 37.4#
 39 31.3 44.6 66.8#

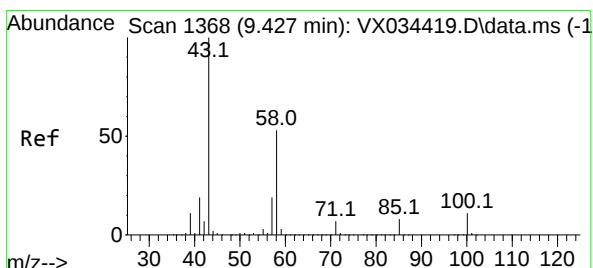
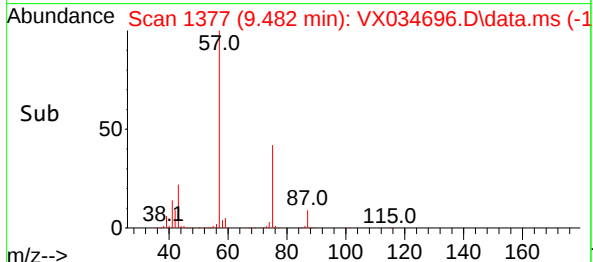
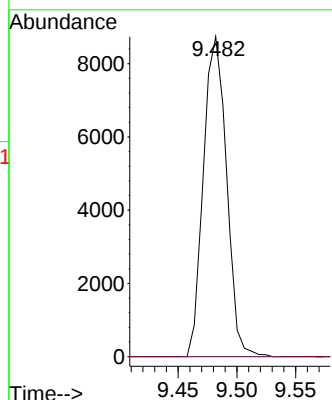
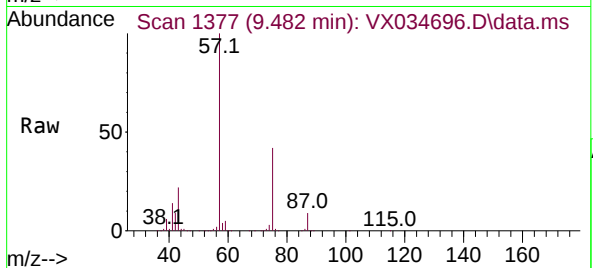




#57
1,3-Dichloropropane
Concen: 1.724 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

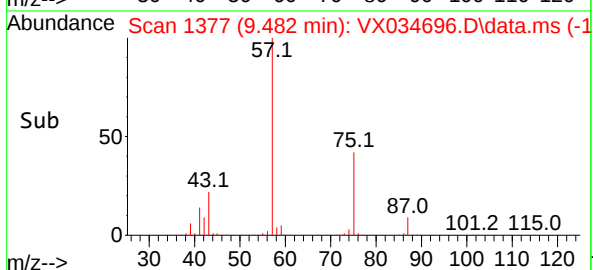
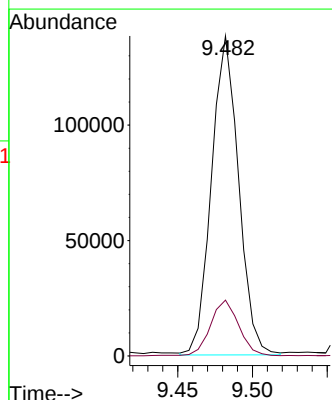
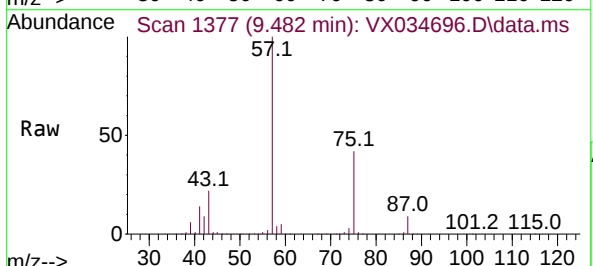
Instrument :
MSVOA_X
ClientSampleId :
JPP-46A-032023

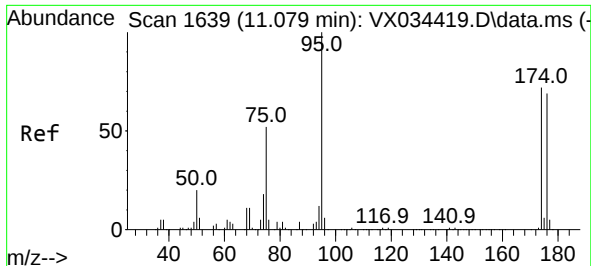
Tgt Ion: 76 Resp: 11988
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 38.598 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion: 43 Resp: 174345
Ion Ratio Lower Upper
43 100
58 18.6 26.3 78.9#





#62

4-Bromofluorobenzene

Concen: 46.242 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034696.D

Acq: 23 Mar 2023 14:19

Instrument :

MSVOA_X

ClientSampleId :

JPP-46A-032023

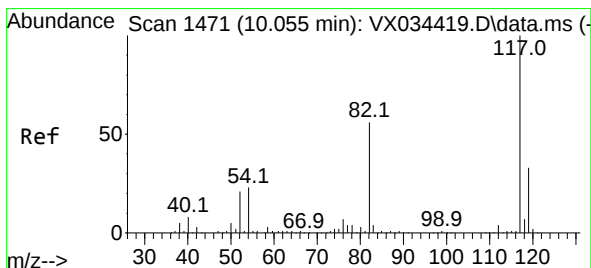
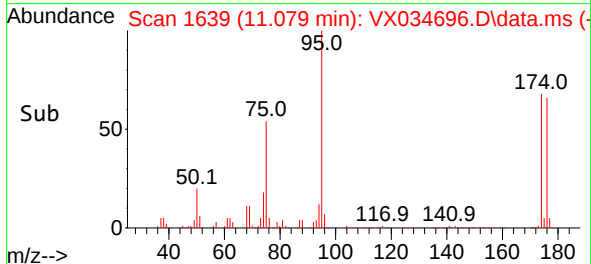
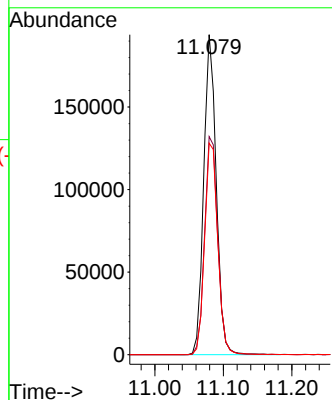
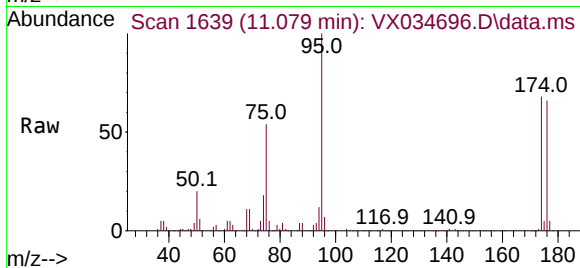
Tgt Ion: 95 Resp: 247075

Ion Ratio Lower Upper

95 100

174 71.5 0.0 147.4

176 69.5 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: VX034696.D

Acq: 23 Mar 2023 14:19

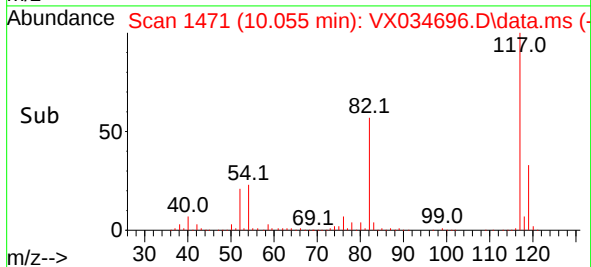
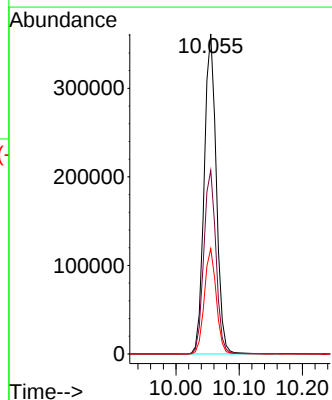
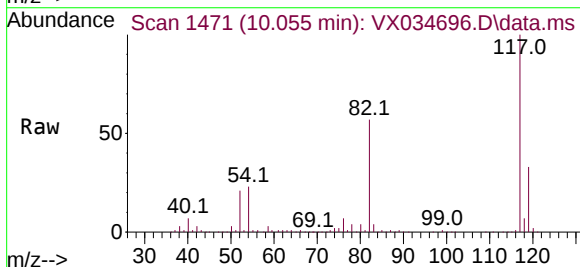
Tgt Ion: 117 Resp: 482535

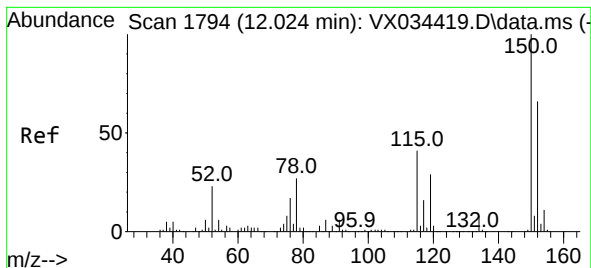
Ion Ratio Lower Upper

117 100

82 57.4 45.0 67.4

119 32.9 26.0 39.0

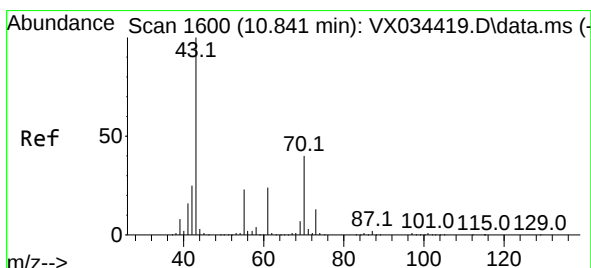
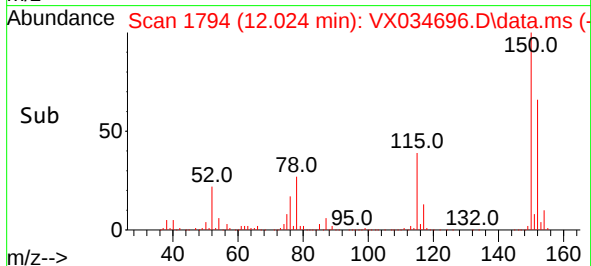
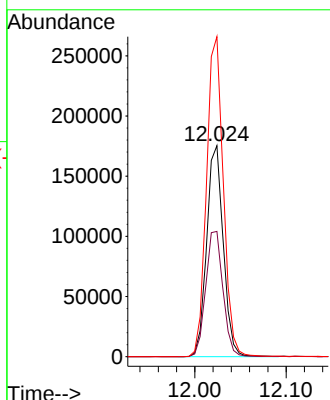
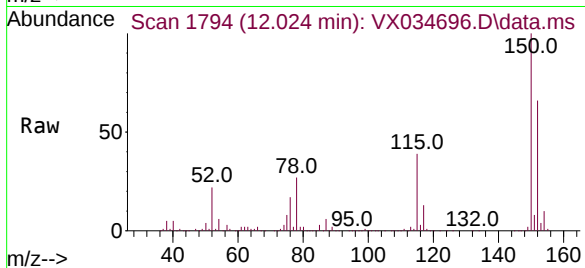




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

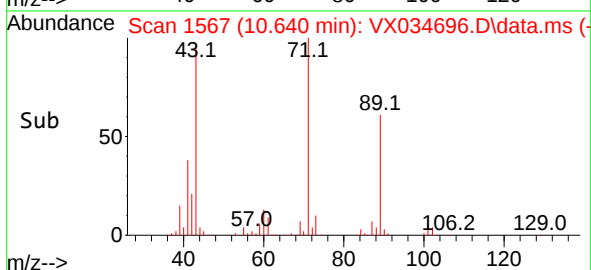
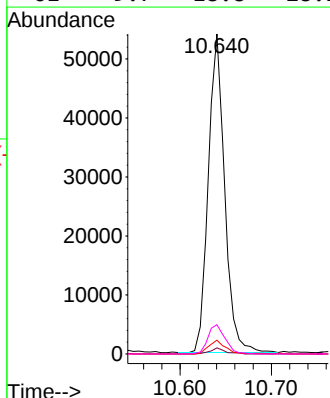
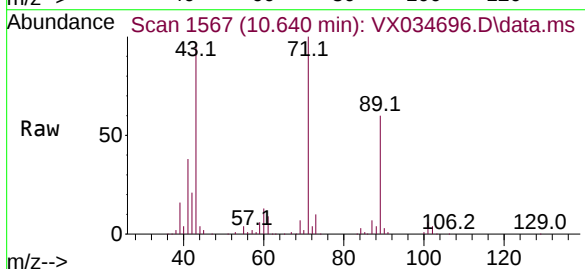
Instrument :
MSVOA_X
ClientSampleId :
JPP-46A-032023

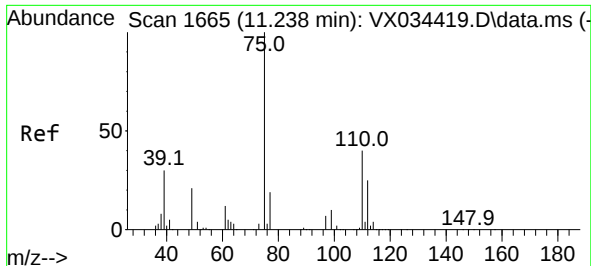
Tgt Ion:152 Resp: 220739
Ion Ratio Lower Upper
152 100
115 61.9 45.0 135.0
150 153.3 0.0 352.4



#74
N-ethyl acetate
Concen: 8.233 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion: 43 Resp: 67275
Ion Ratio Lower Upper
43 100
70 1.7 32.1 48.1#
55 4.4 18.3 27.5#
61 9.7 18.8 28.2#

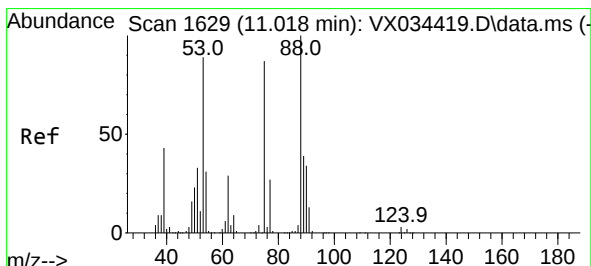
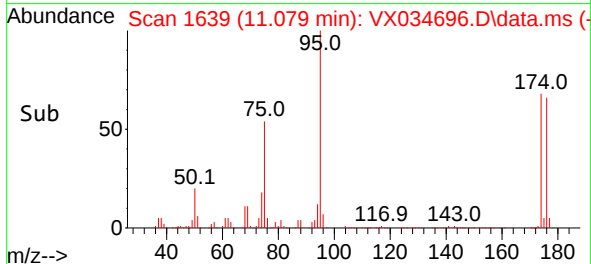
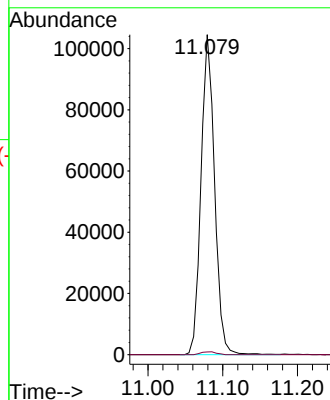
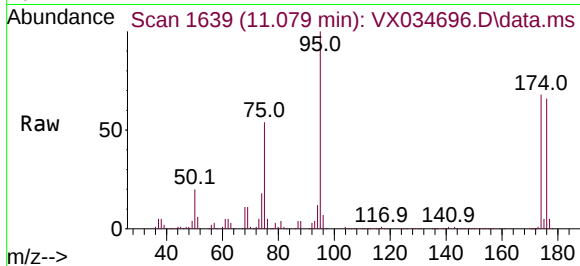




#76
1,2,3-Trichloropropane
Concen: 25.922 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Instrument :
MSVOA_X
ClientSampleId :
JPP-46A-032023

Tgt Ion: 75 Resp: 131386
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.128 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034696.D
Acq: 23 Mar 2023 14:19

Tgt Ion: 75 Resp: 131386
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#

