

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034695.D
 Acq On : 23 Mar 2023 13:56
 Operator : JC/MD
 Sample : 02021-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-6D-032023

Quant Time: Mar 24 05:43:50 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

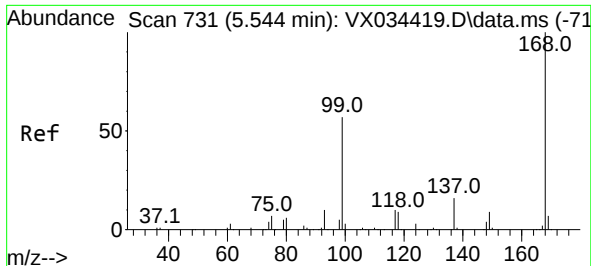
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	312384	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	530909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	227397	50.037	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.080%			
35) Dibromofluoromethane	5.385	113	166514	47.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.000%			
50) Toluene-d8	8.647	98	633227	48.391	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.780%			
62) 4-Bromofluorobenzene	11.079	95	243900	46.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.280%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	471	Below Cal	#	42
11) Tert butyl alcohol	2.965	59	1090	1.152	ug/l #	81
16) Acetone	2.386	43	65359	30.531	ug/l	93
18) Methyl Acetate	2.709	43	3672	0.525	ug/l	98
20) Methylene Chloride	2.794	84	21407	5.152	ug/l	88
25) 2-Butanone	4.586	43	6772	2.211	ug/l	94
29) Tetrahydrofuran	5.025	42	785	0.415	ug/l #	67
31) Cyclohexane	5.556	56	7603	1.193	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	26807	4.979	ug/l #	50
37) Ethyl Acetate	4.714	43	70039	11.908	ug/l	99
38) Carbon Tetrachloride	5.556	117	33649	6.282	ug/l #	16
43) Isopropyl Acetate	6.336	43	294858	29.592	ug/l	99
48) Methyl methacrylate	7.799	41	236548	49.361	ug/l #	45
49) 1,4-Dioxane	7.799	88	372	3.696	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	232156	40.163	ug/l #	50
53) t-1,3-Dichloropropene	8.958	75	1976	0.324	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	100240	15.199	ug/l #	58
56) Ethyl methacrylate	9.244	69	1784	0.281	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	11444	1.664	ug/l #	42
59) 2-Hexanone	9.482	43	172836	38.681	ug/l #	51
74) N-amyl acetate	10.774	43	2423	0.306	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	127125	25.912	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	127125	70.100	ug/l #	8

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

Quant Time: Mar 24 05:43:50 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

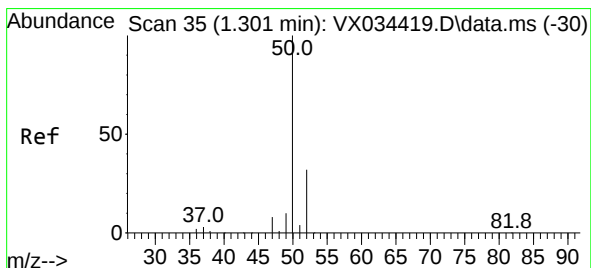
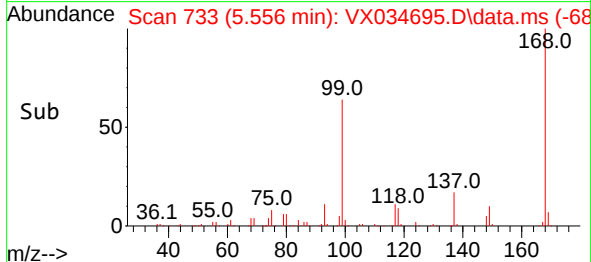
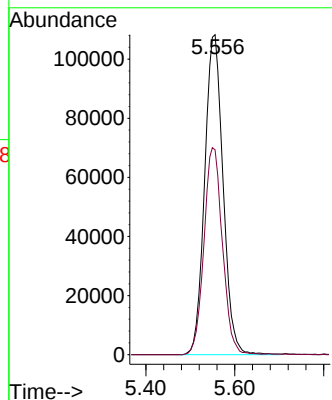
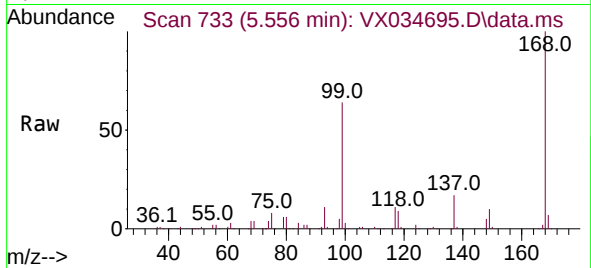




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

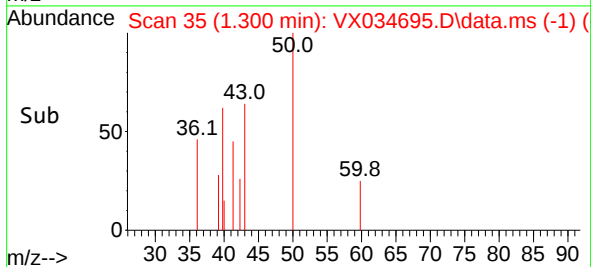
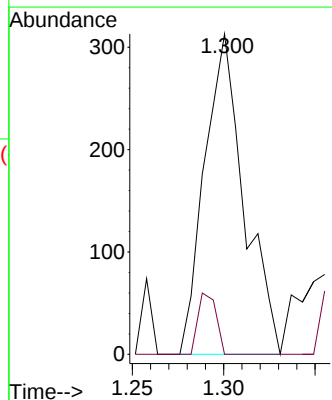
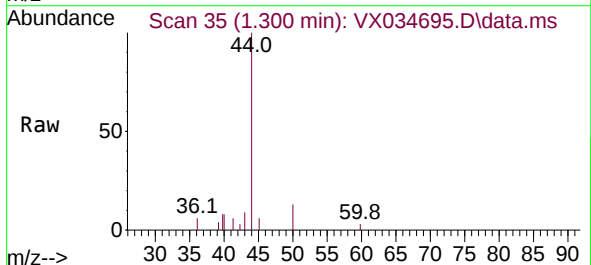
Instrument :
MSVOA_X
ClientSampleId :
JPP-6D-032023

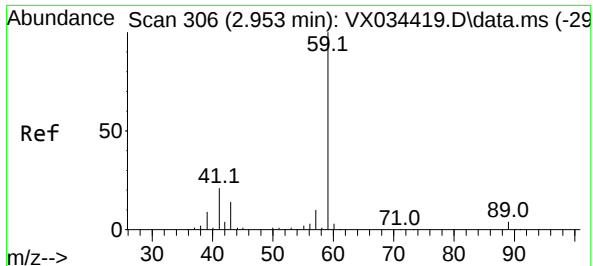
Tgt Ion:168 Resp: 312384
Ion Ratio Lower Upper
168 100
99 64.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Tgt Ion: 50 Resp: 471
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

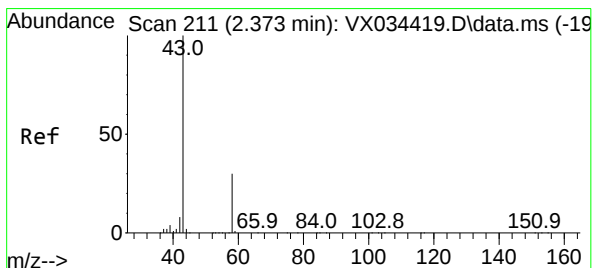
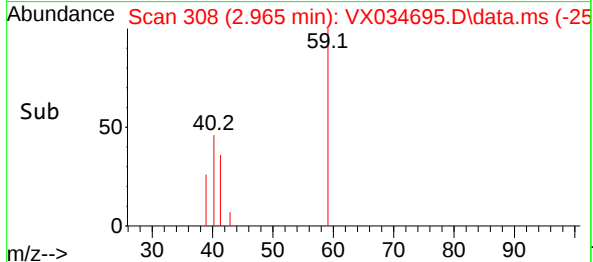
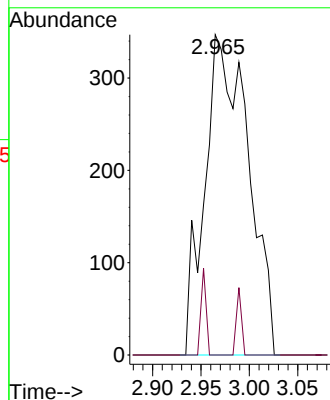
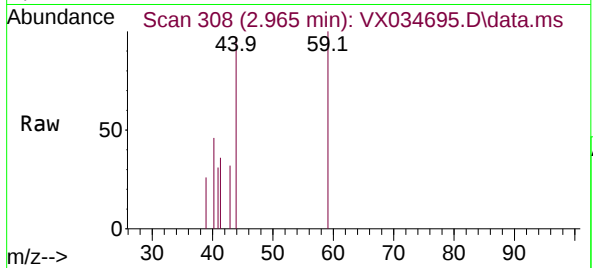




#11
Tert butyl alcohol
Concen: 1.152 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

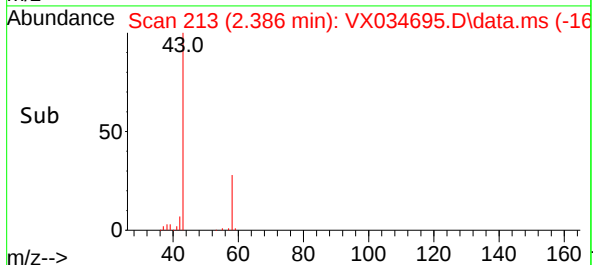
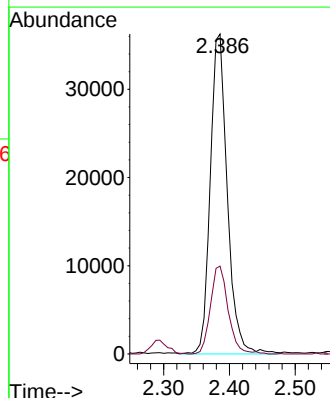
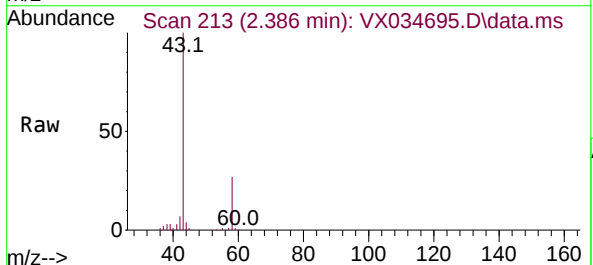
Instrument :
MSVOA_X
ClientSampleId :
JPP-6D-032023

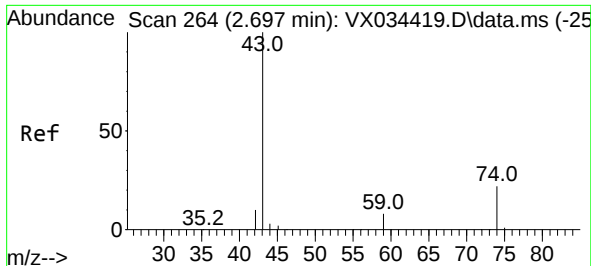
Tgt Ion: 59 Resp: 1090
Ion Ratio Lower Upper
59 100
57 3.1 8.1 12.1#



#16
Acetone
Concen: 30.531 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Tgt Ion: 43 Resp: 65359
Ion Ratio Lower Upper
43 100
58 27.3 24.7 37.1

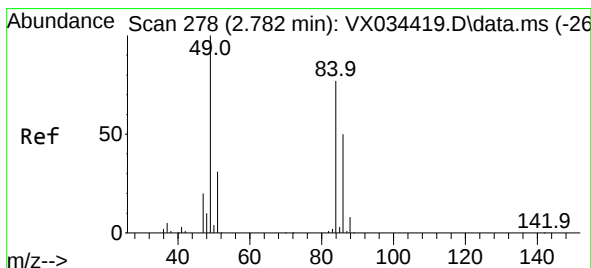
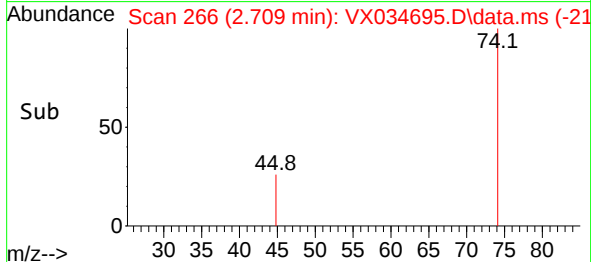
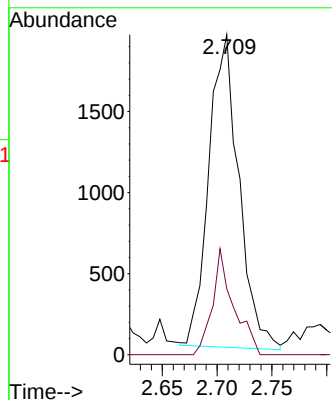
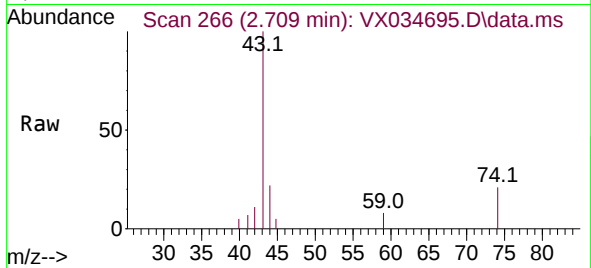




#18
Methyl Acetate
Concen: 0.525 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

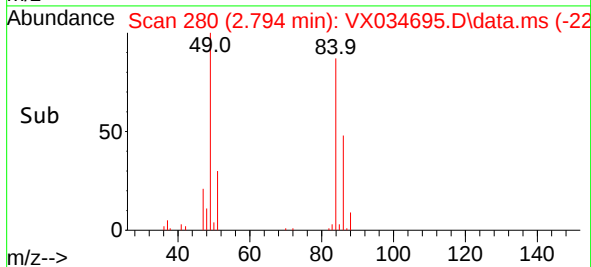
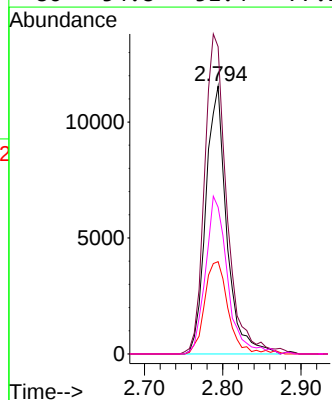
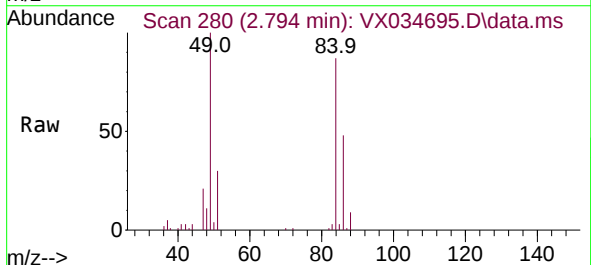
Instrument :
MSVOA_X
ClientSampleId :
JPP-6D-032023

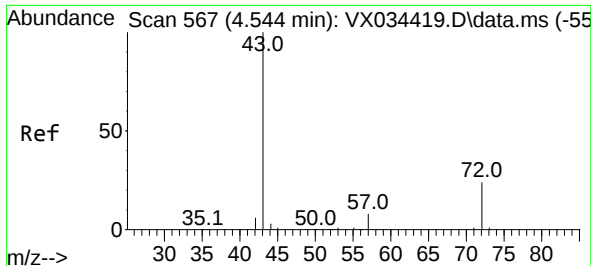
Tgt Ion: 43 Resp: 3672
Ion Ratio Lower Upper
43 100
74 23.9 18.3 27.5



#20
Methylene Chloride
Concen: 5.152 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Tgt Ion: 84 Resp: 21407
Ion Ratio Lower Upper
84 100
49 114.7 103.8 155.8
51 34.5 31.8 47.8
86 54.8 51.4 77.2

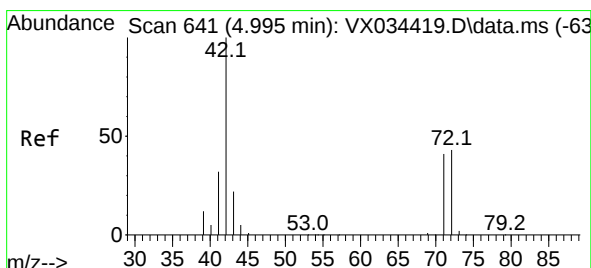
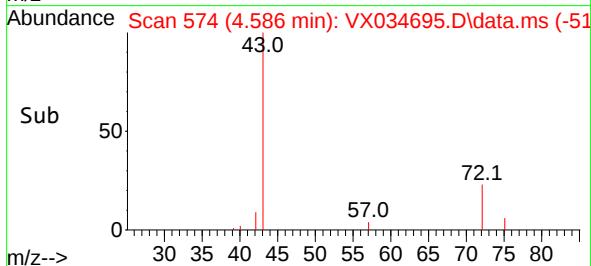
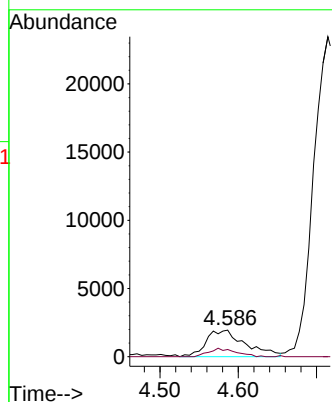
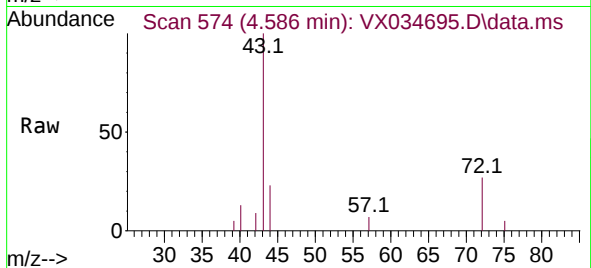




#25
2-Butanone
Concen: 2.211 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

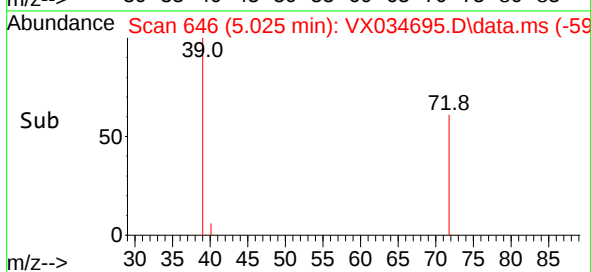
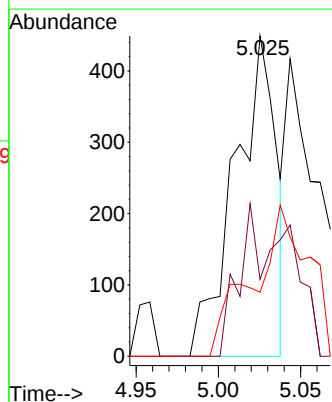
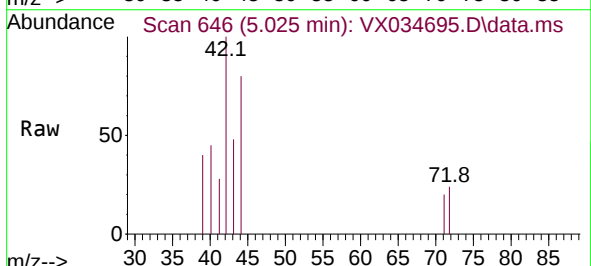
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JPP-6D-032023

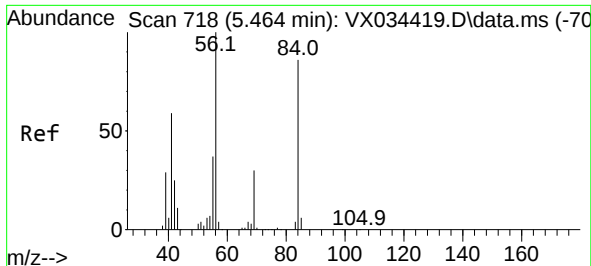
Tgt Ion: 43 Resp: 6772
Ion Ratio Lower Upper
43 100
72 27.0 19.3 28.9



#29
Tetrahydrofuran
Concen: 0.415 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.030 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

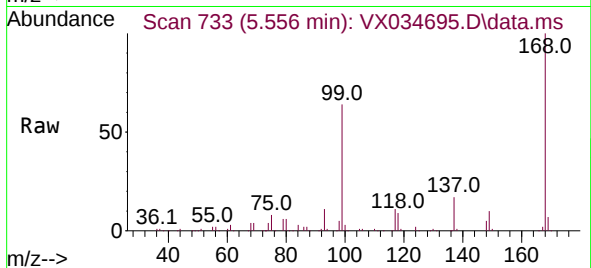
Tgt Ion: 42 Resp: 785
Ion Ratio Lower Upper
42 100
72 24.3 34.5 51.7#
71 63.2 32.1 48.1#



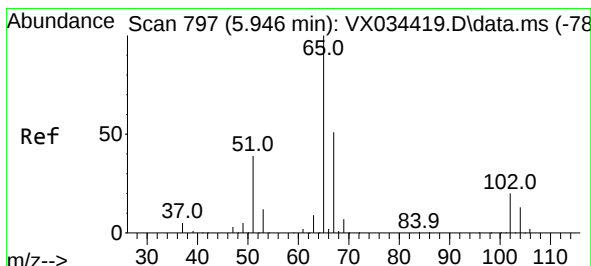
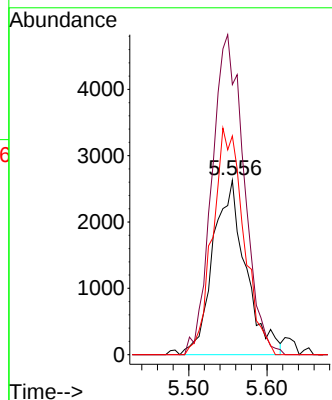
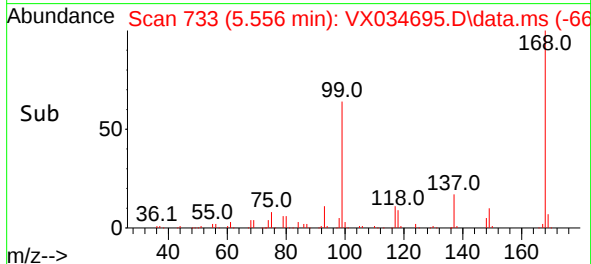


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

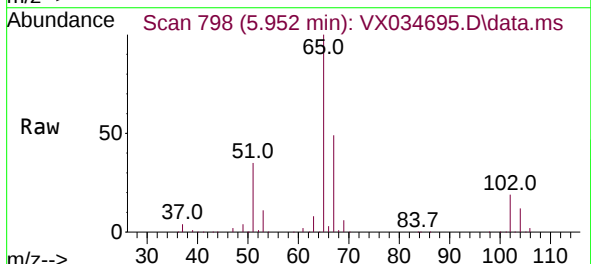
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ClientSampleId :
JPP-6D-032023



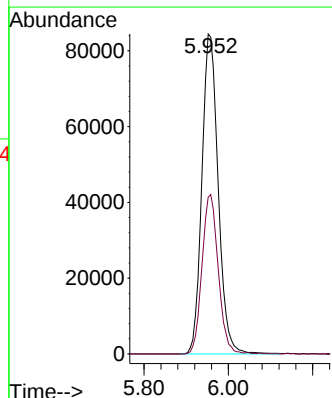
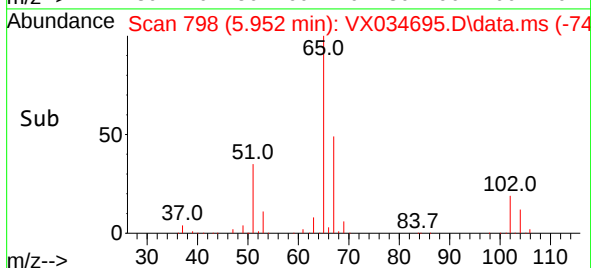
Tgt Ion: 56 Resp: 7603
Ion Ratio Lower Upper
56 100
69 154.9 23.7 35.5#
84 125.5 68.5 102.7#

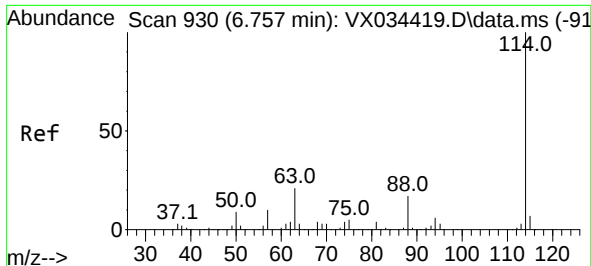


#33
1,2-Dichloroethane-d4
Concen: 50.037 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56



Tgt Ion: 65 Resp: 227397
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.0

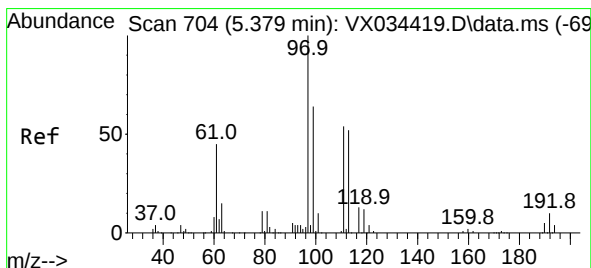
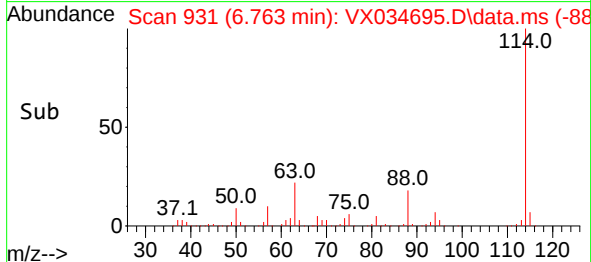
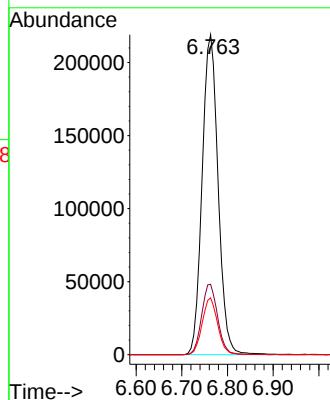
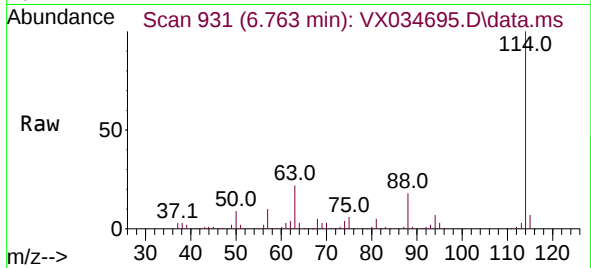




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

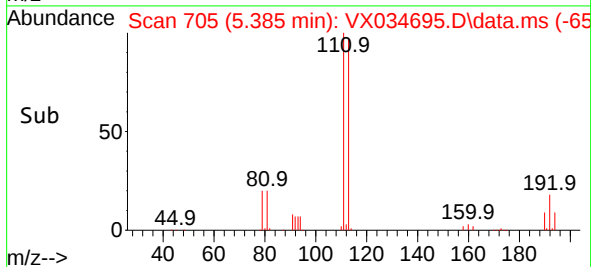
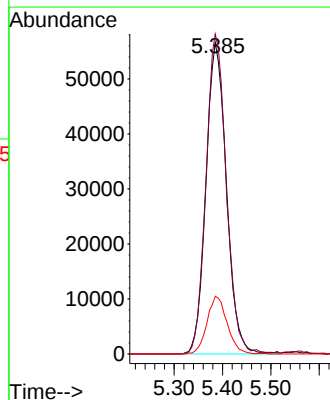
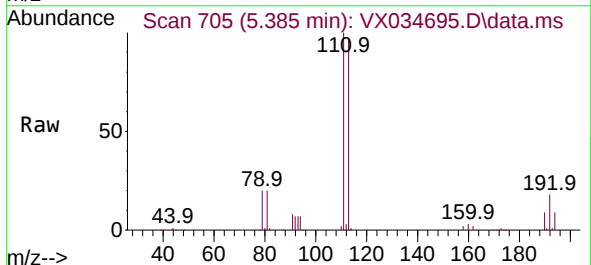
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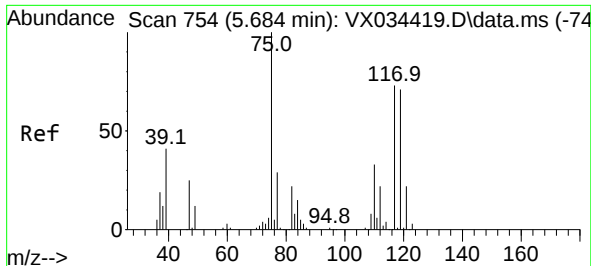
Tgt Ion:114 Resp: 530909
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 17.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.503 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Tgt Ion:113 Resp: 166514
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 18.2 15.4 23.2

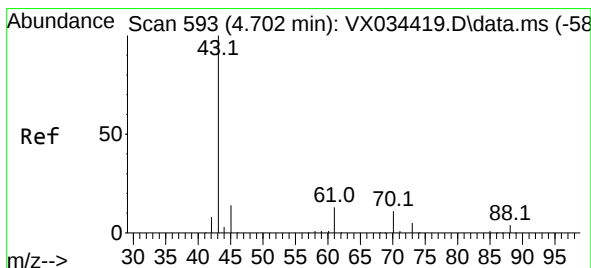
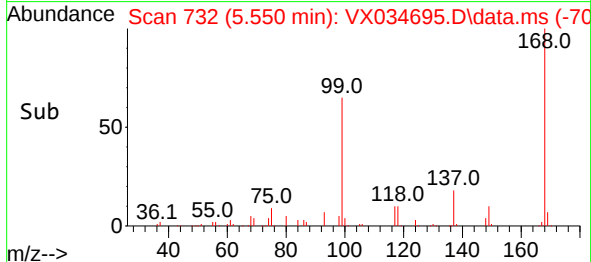
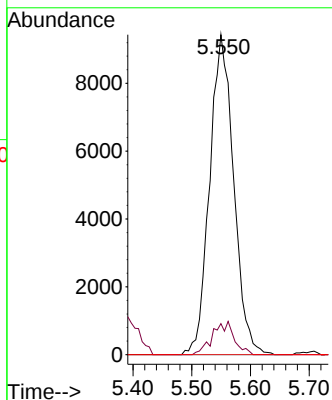
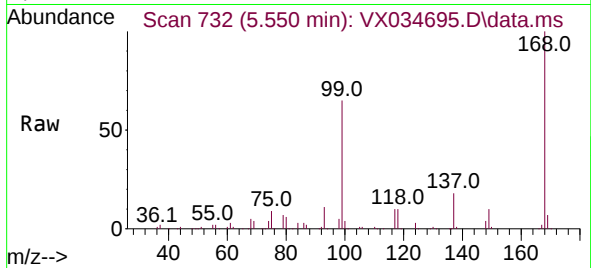




#36
1,1-Dichloropropene
Concen: 4.979 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

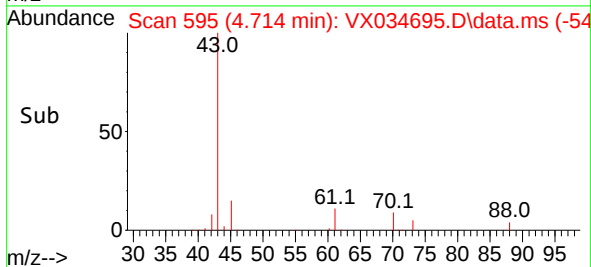
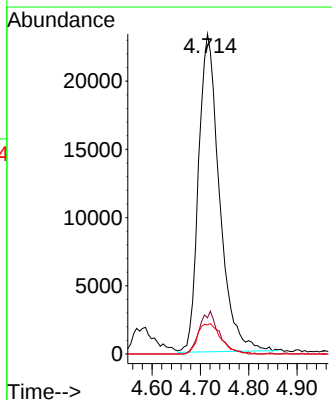
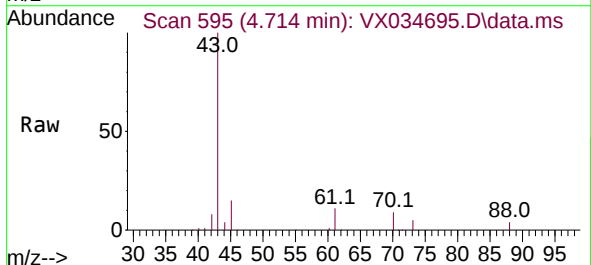
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MSVOA_X
ClientSampleId :
JPP-6D-032023

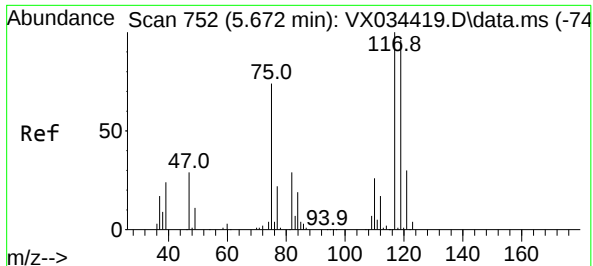
Tgt Ion: 75 Resp: 26807
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 11.908 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

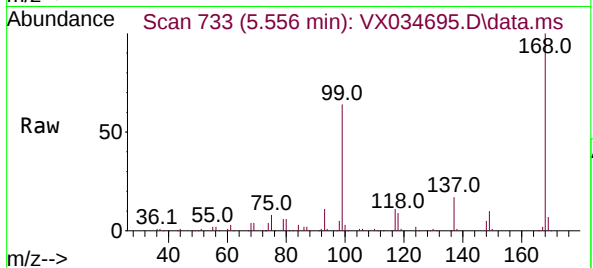
Tgt Ion: 43 Resp: 70039
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.4
70 10.7 8.2 12.4



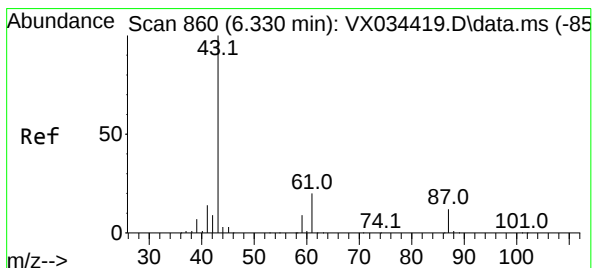
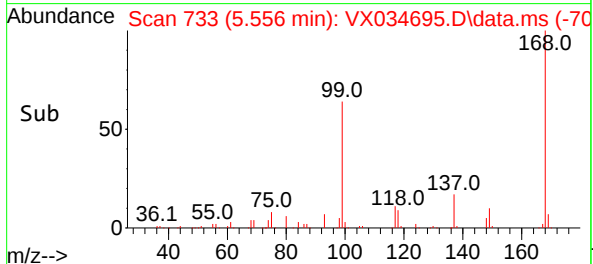
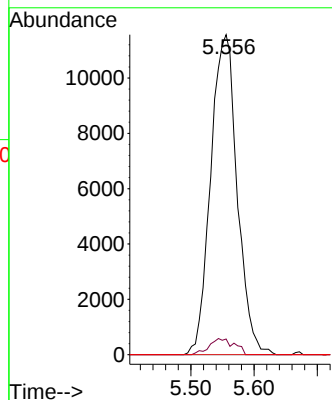


#38
Carbon Tetrachloride
Concen: 6.282 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :
JPP-6D-032023

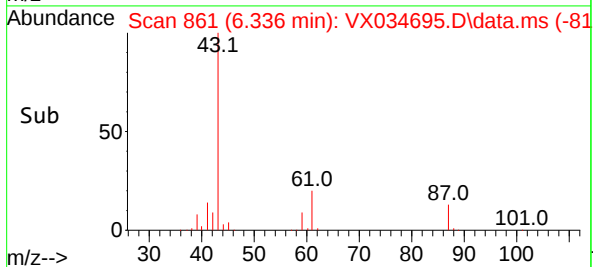
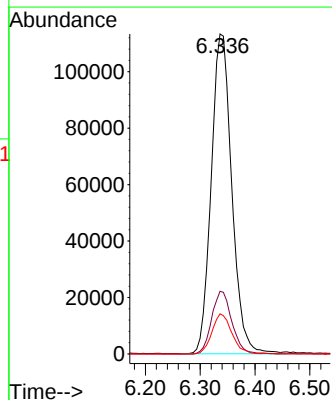
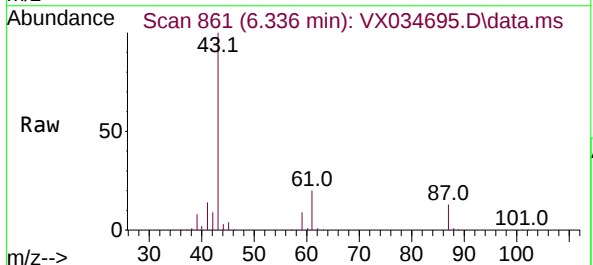


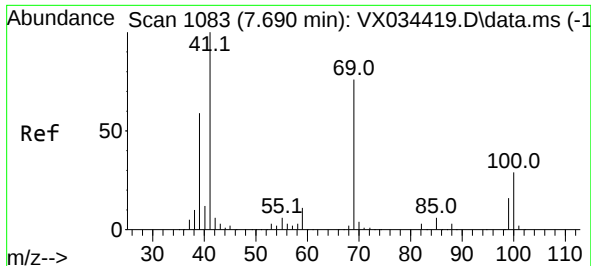
Tgt Ion:117 Resp: 33649
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 29.592 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Tgt Ion: 43 Resp: 294858
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 12.1 9.8 14.8

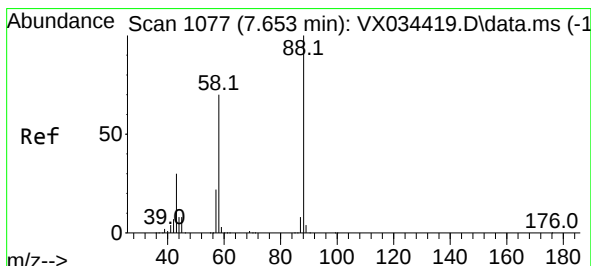
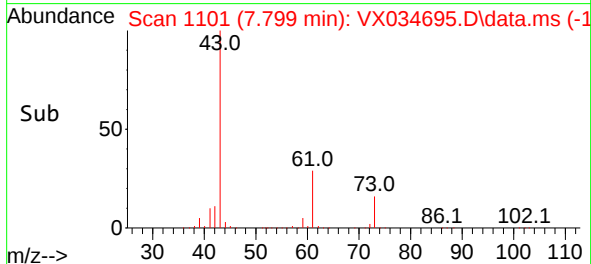
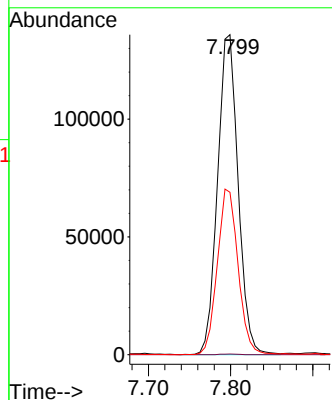
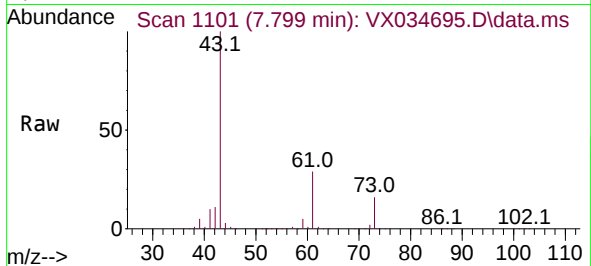




#48
Methyl methacrylate
Concen: 49.361 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

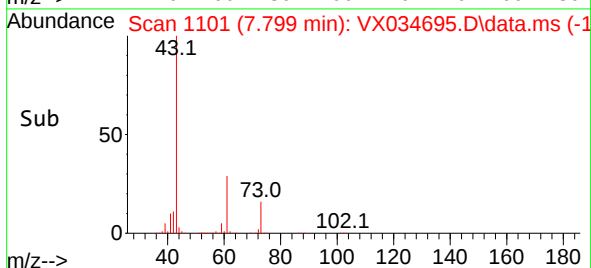
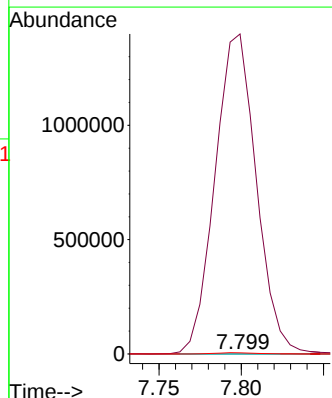
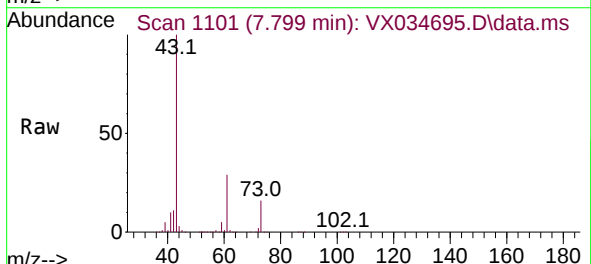
Instrument :
MSVOA_X
ClientSampleId :
JPP-6D-032023

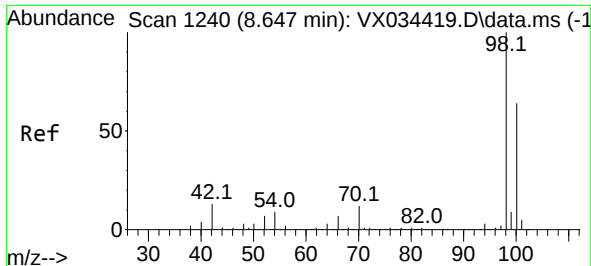
Tgt Ion: 41 Resp: 236548
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 52.5 47.7 71.5



#49
1,4-Dioxane
Concen: 3.696 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.146 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Tgt Ion: 88 Resp: 372
Ion Ratio Lower Upper
88 100
43 661398.7 27.7 41.5#
58 2614.2 56.8 85.2#

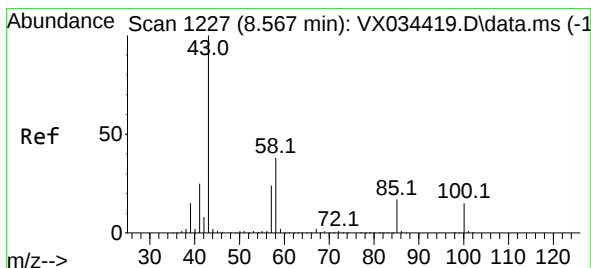
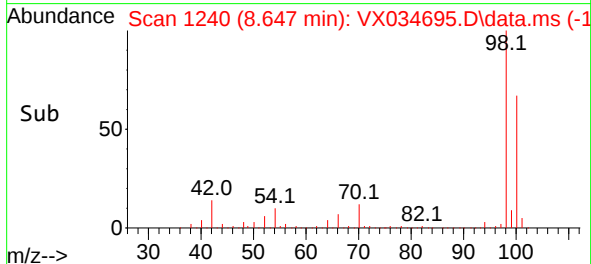
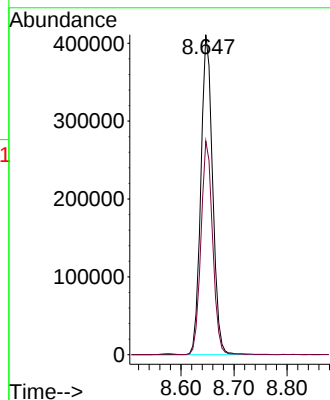
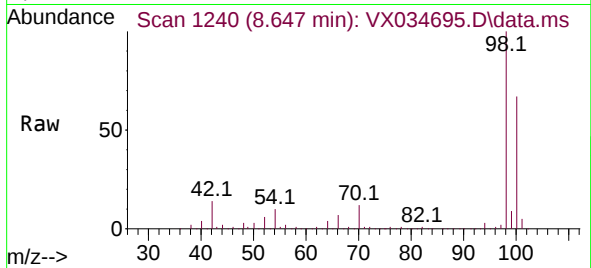




#50
Toluene-d8
Concen: 48.391 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

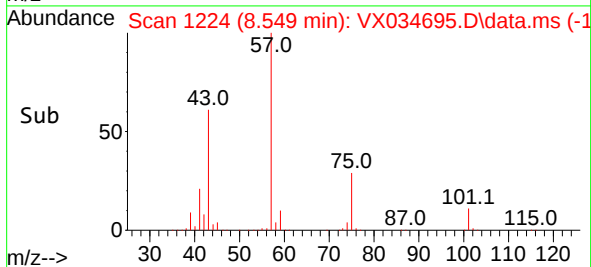
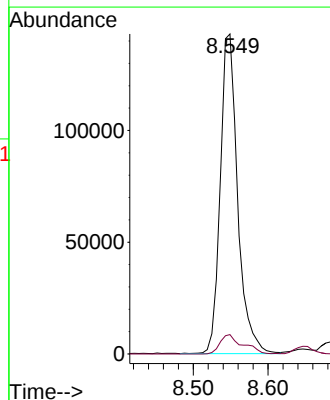
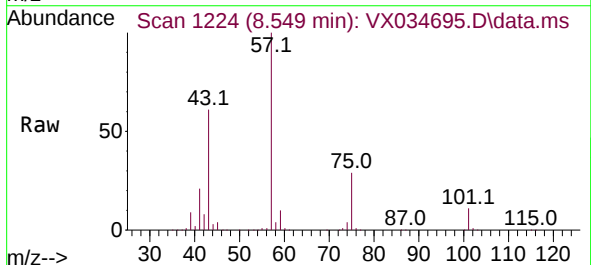
Instrument :
MSVOA_X
ClientSampleId :
JPP-6D-032023

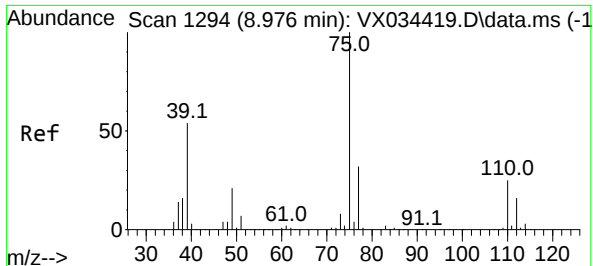
Tgt Ion: 98 Resp: 633227
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 40.163 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Tgt Ion: 43 Resp: 232156
Ion Ratio Lower Upper
43 100
58 8.0 30.6 46.0#

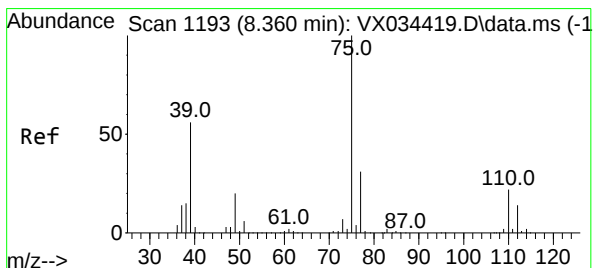
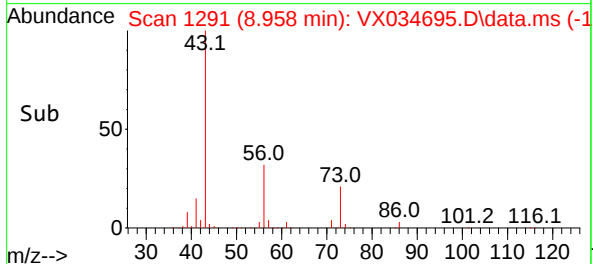
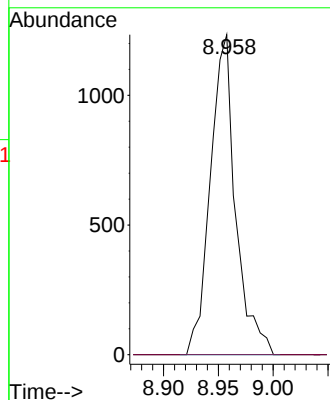
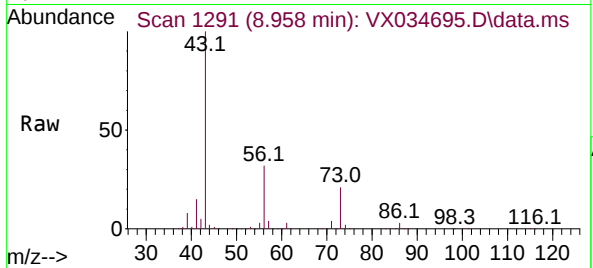




#53
 t-1,3-Dichloropropene
 Concen: 0.324 ug/l
 RT: 8.958 min Scan# 1124
 Delta R.T. -0.018 min
 Lab File: VX034695.D
 Acq: 23 Mar 2023 13:56

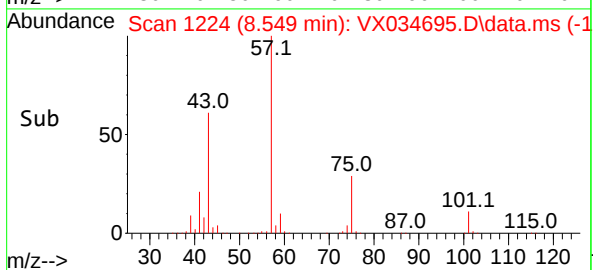
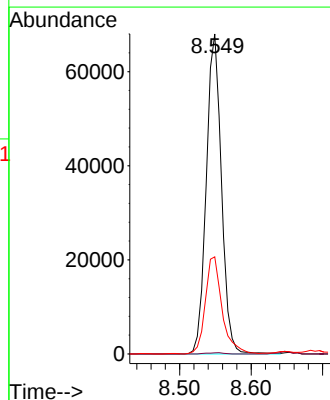
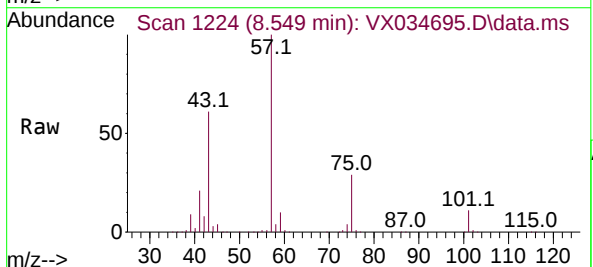
Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-6D-032023

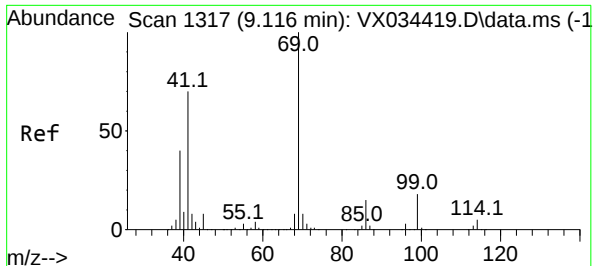
Tgt Ion: 75 Resp: 1976
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#



#54
 cis-1,3-Dichloropropene
 Concen: 15.199 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.189 min
 Lab File: VX034695.D
 Acq: 23 Mar 2023 13:56

Tgt Ion: 75 Resp: 100240
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.0 37.4#
 39 30.3 44.6 66.8#

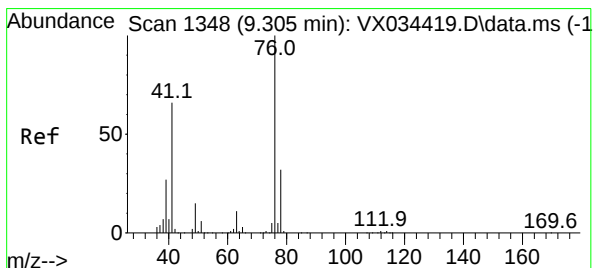
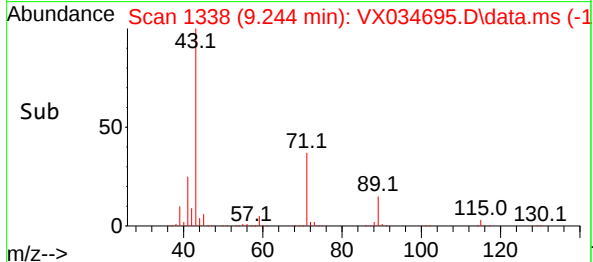
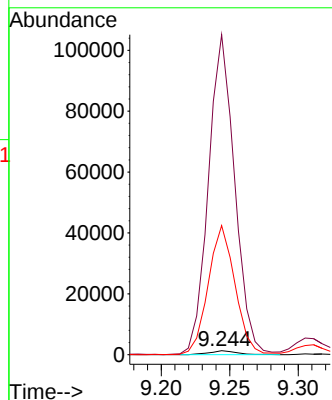
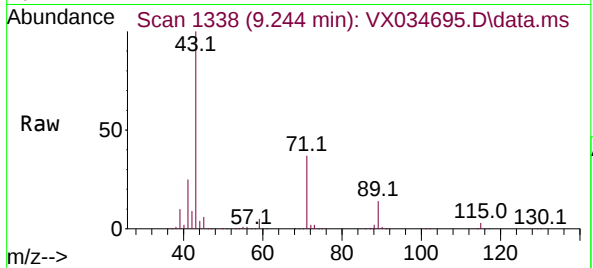




#56
Ethyl methacrylate
Concen: 0.281 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

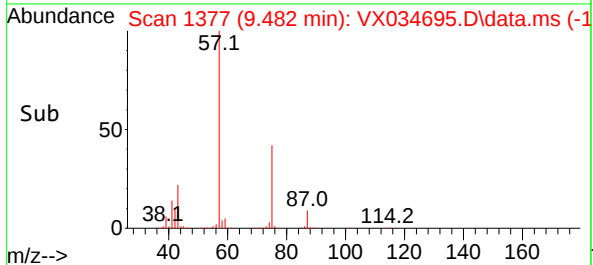
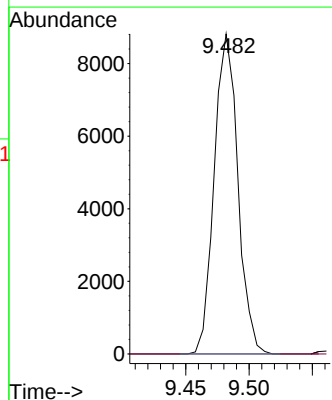
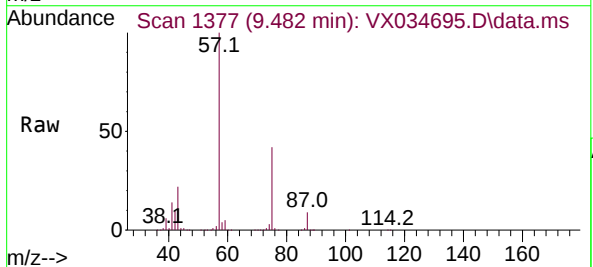
Instrument :
MSVOA_X
ClientSampleId :
JPP-6D-032023

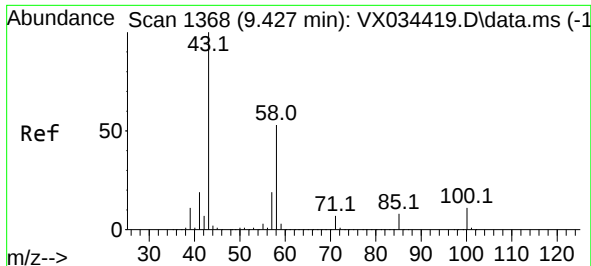
Tgt Ion: 69 Resp: 1784
Ion Ratio Lower Upper
69 100
41 7862.3 57.4 86.0#
39 3250.5 33.7 50.5#



#57
1,3-Dichloropropane
Concen: 1.664 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Tgt Ion: 76 Resp: 11444
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#





#59

2-Hexanone

Concen: 38.681 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX034695.D

Acq: 23 Mar 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

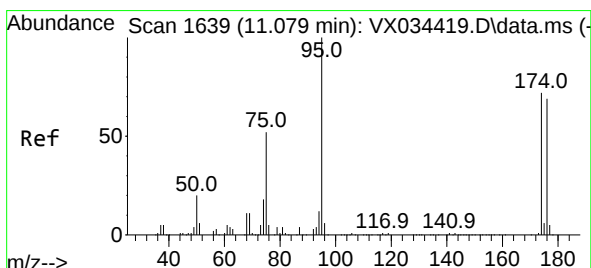
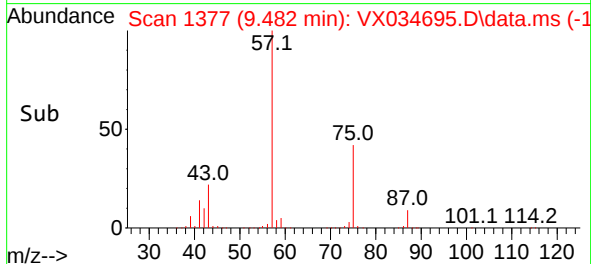
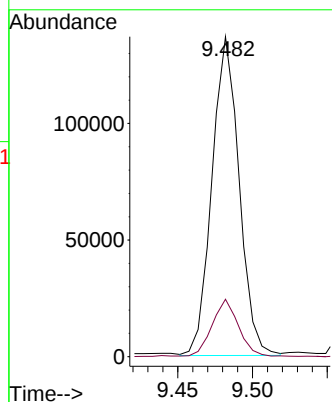
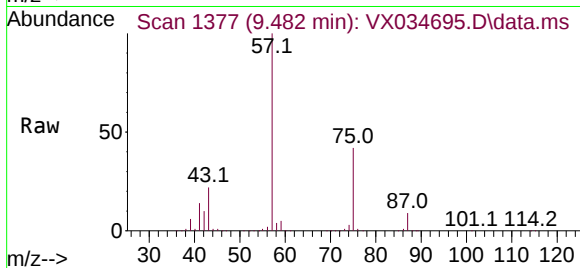
JPP-6D-032023

Tgt Ion: 43 Resp: 172836

Ion Ratio Lower Upper

43 100

58 17.8 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 46.145 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034695.D

Acq: 23 Mar 2023 13:56

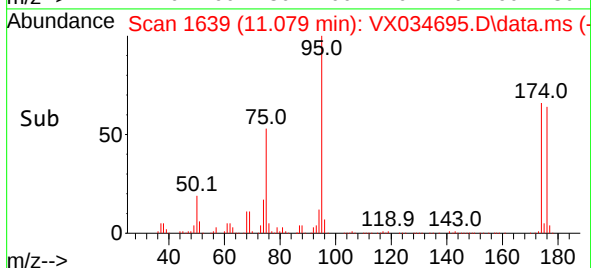
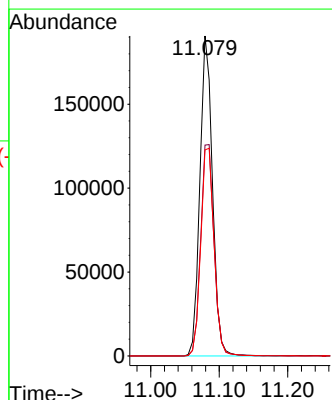
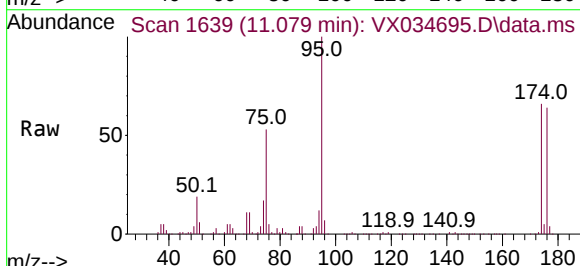
Tgt Ion: 95 Resp: 243900

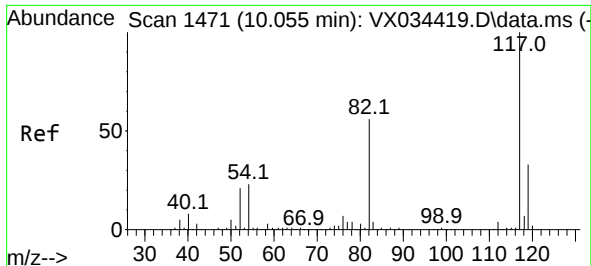
Ion Ratio Lower Upper

95 100

174 70.1 0.0 147.4

176 69.0 0.0 140.6

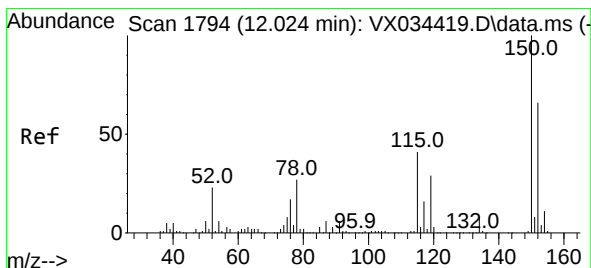
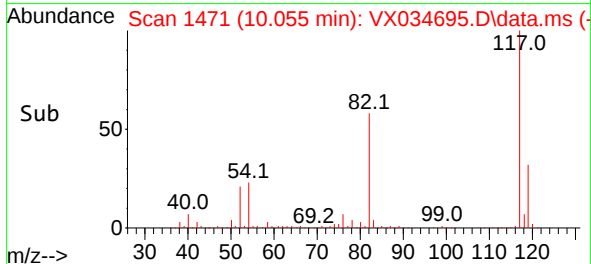
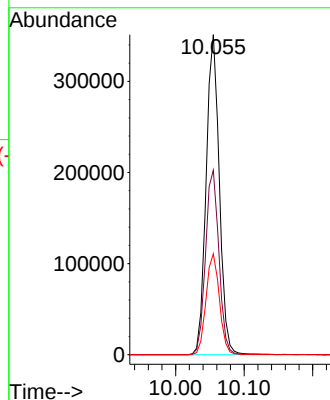
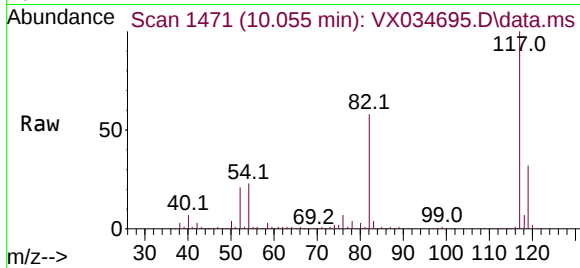




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

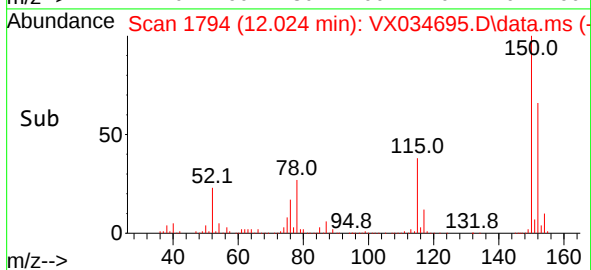
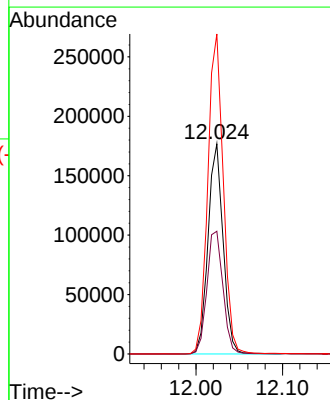
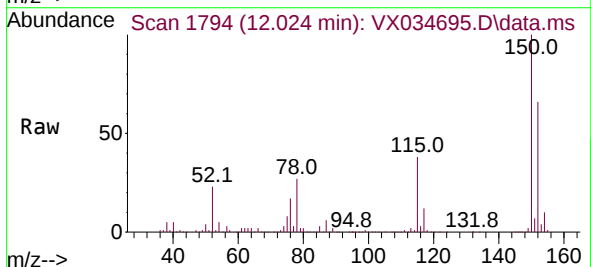
Instrument :
MSVOA_X
ClientSampleId :
JPP-6D-032023

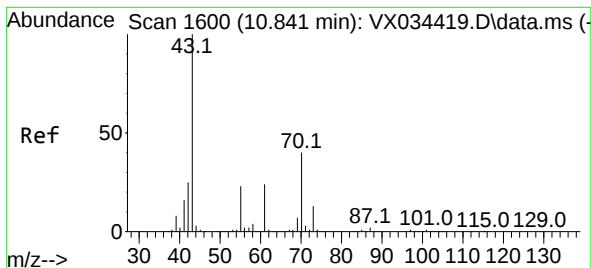
Tgt Ion:117 Resp: 470238
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034695.D
Acq: 23 Mar 2023 13:56

Tgt Ion:152 Resp: 213667
Ion Ratio Lower Upper
152 100
115 62.3 45.0 135.0
150 155.7 0.0 352.4





#74

N-ethyl acetate

Concen: 0.306 ug/l

RT: 10.774 min Scan# 1

Delta R.T. -0.067 min

Lab File: VX034695.D

Acq: 23 Mar 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

JPP-6D-032023

Tgt Ion: 43 Resp: 2423

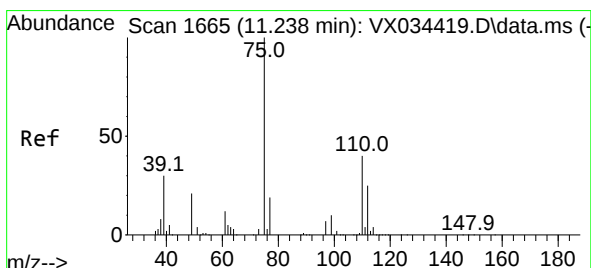
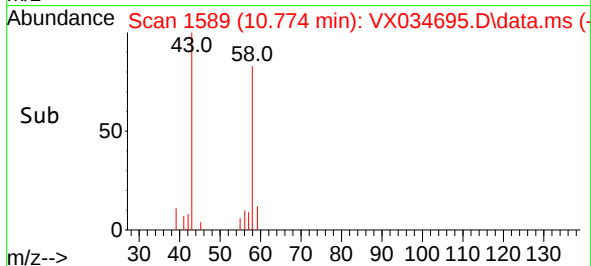
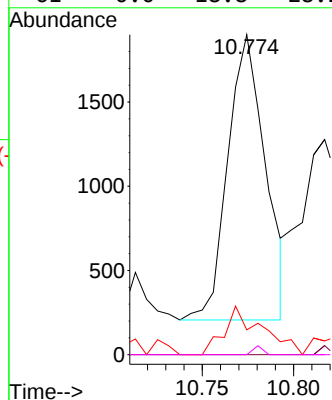
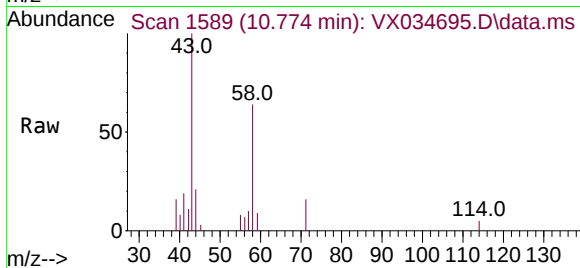
Ion Ratio Lower Upper

43 100

70 0.0 32.1 48.1#

55 17.2 18.3 27.5#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 25.912 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034695.D

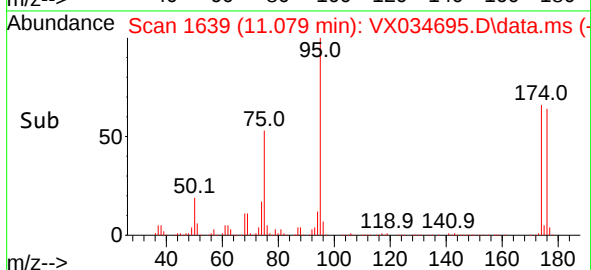
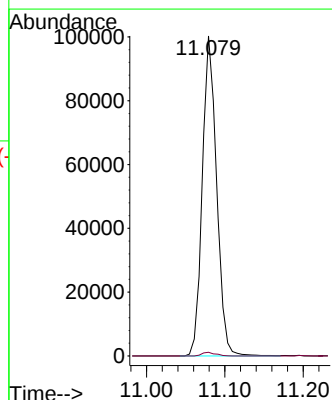
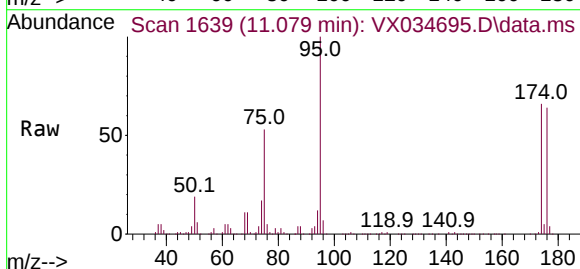
Acq: 23 Mar 2023 13:56

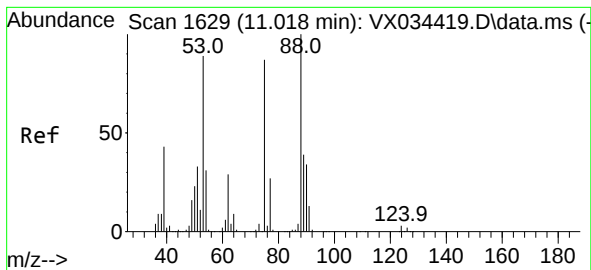
Tgt Ion: 75 Resp: 127125

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.100 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034695.D
 Acq: 23 Mar 2023 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 JPP-6D-032023

Tgt Ion: 75 Resp: 127125
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

