

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034720.D
 Acq On : 24 Mar 2023 14:56
 Operator : JC/MD
 Sample : 02070-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 01:31:11 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

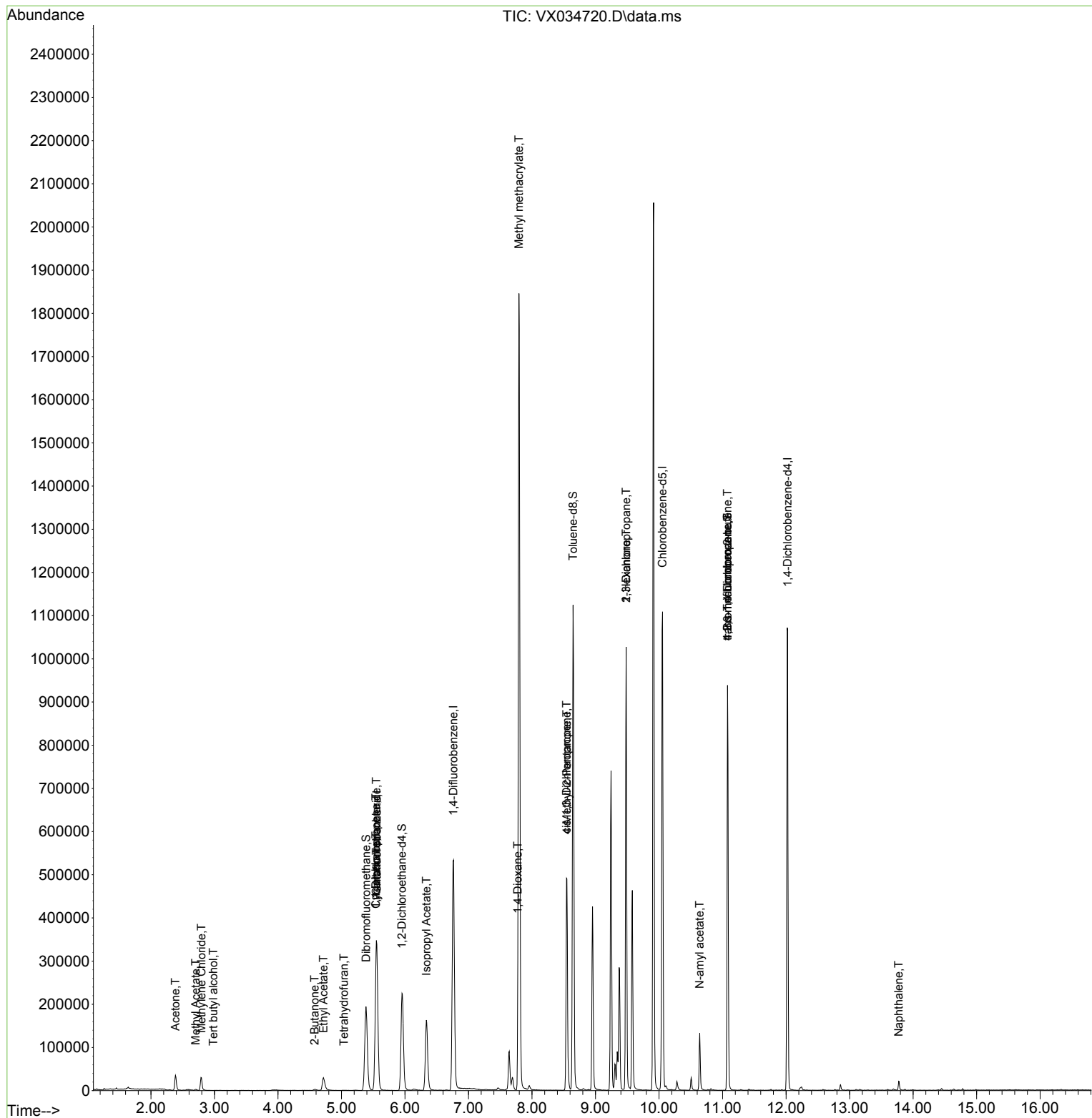
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	312700	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	531808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	230256	50.615	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.240%			
35) Dibromofluoromethane	5.385	113	168469	47.980	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.960%			
50) Toluene-d8	8.647	98	636330	48.546	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.100%			
62) 4-Bromofluorobenzene	11.079	95	250681	47.347	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.700%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	353	Below Cal	#	81
11) Tert butyl alcohol	2.983	59	294	0.310	ug/l #	73
16) Acetone	2.386	43	42209	19.697	ug/l	93
18) Methyl Acetate	2.703	43	3196	0.456	ug/l	96
20) Methylene Chloride	2.794	84	13882	3.338	ug/l	98
25) 2-Butanone	4.574	43	5213	1.700	ug/l	91
29) Tetrahydrofuran	5.038	42	853	0.451	ug/l #	39
31) Cyclohexane	5.544	56	7652	1.199	ug/l #	22
36) 1,1-Dichloropropene	5.544	75	26771	4.964	ug/l #	51
37) Ethyl Acetate	4.714	43	52471	8.906	ug/l	98
38) Carbon Tetrachloride	5.550	117	33829	6.305	ug/l #	15
43) Isopropyl Acetate	6.336	43	227162	22.759	ug/l	99
48) Methyl methacrylate	7.793	41	170384	35.494	ug/l #	45
49) 1,4-Dioxane	7.775	88	205	2.033	ug/l #	23
51) 4-Methyl-2-Pentanone	8.549	43	184251	31.822	ug/l #	49
54) cis-1,3-Dichloropropene	8.543	75	79815	12.081	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	8492	1.233	ug/l #	42
59) 2-Hexanone	9.482	43	124098	27.726	ug/l #	50
74) N-amyl acetate	10.640	43	35751	4.419	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	132445	26.394	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	132445	71.404	ug/l #	8
95) Naphthalene	13.774	128	12811	0.796	ug/l	97

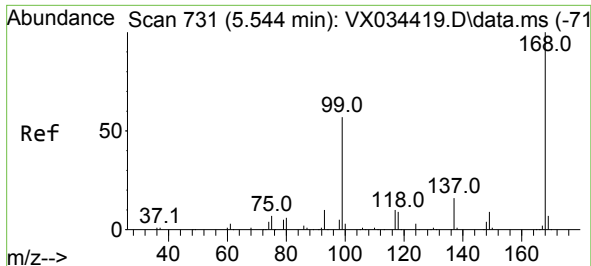
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
Data File : VX034720.D
Acq On : 24 Mar 2023 14:56
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Sample : 02070-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

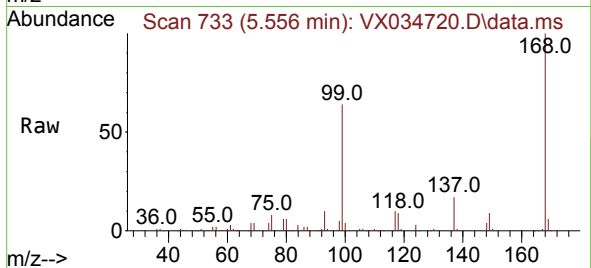
Quant Time: Mar 27 01:31:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



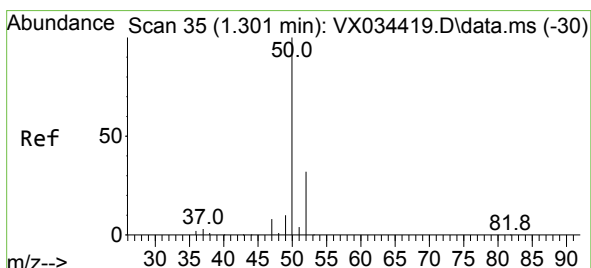
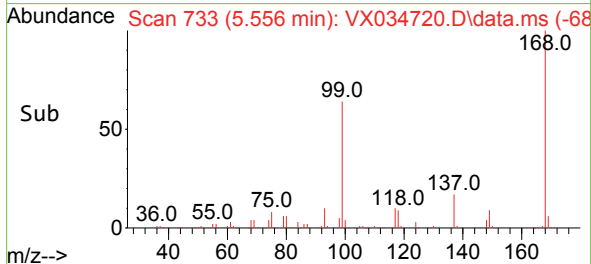
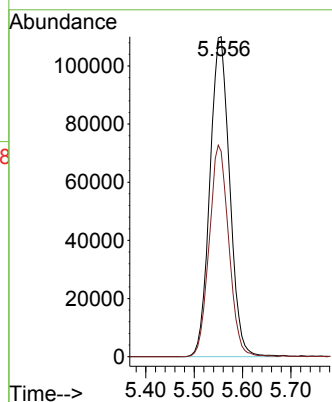


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :

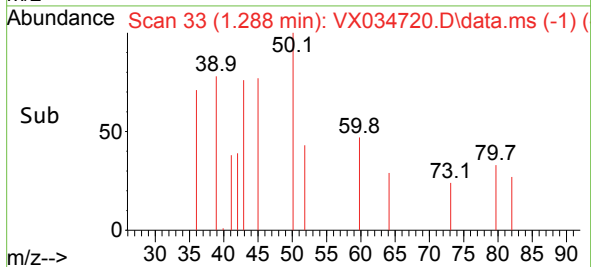
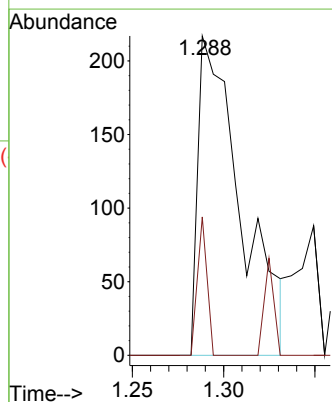
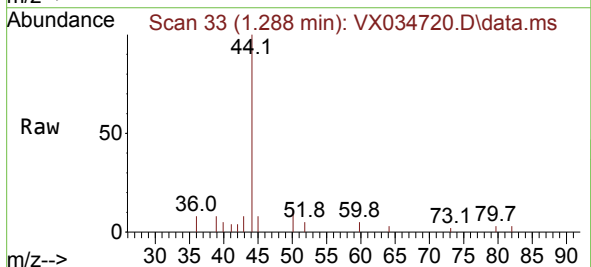


Tgt Ion:168 Resp: 312700
Ion Ratio Lower Upper
168 100
99 64.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 43.3 25.9 38.9#

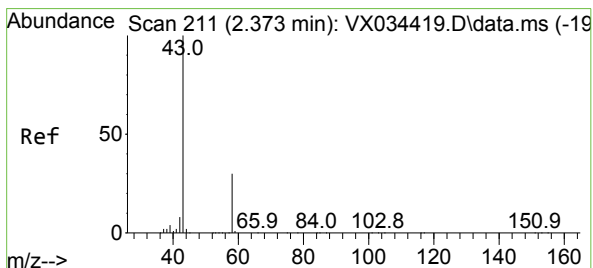
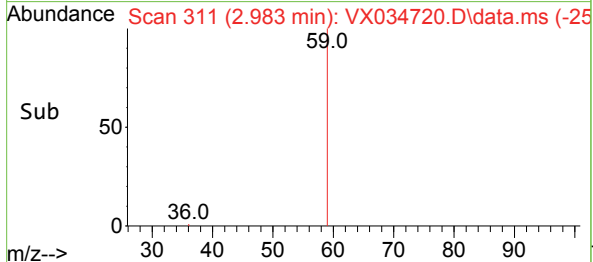
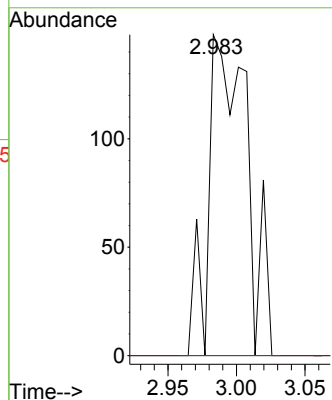
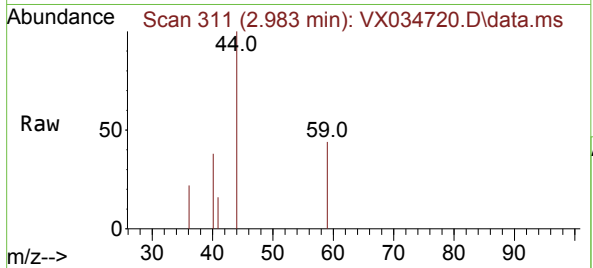




#11
Tert butyl alcohol
Concen: 0.310 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.030 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

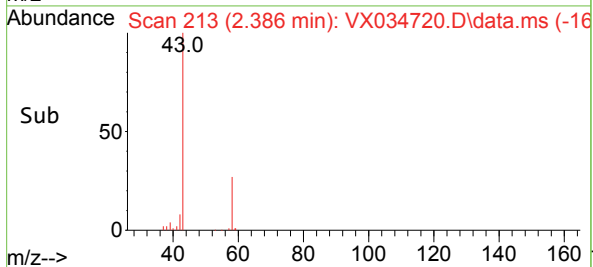
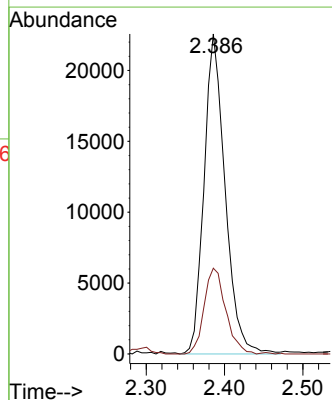
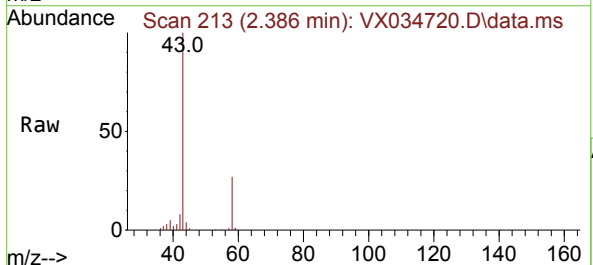
Instrument :
MSVOA_X
ClientSampleId :

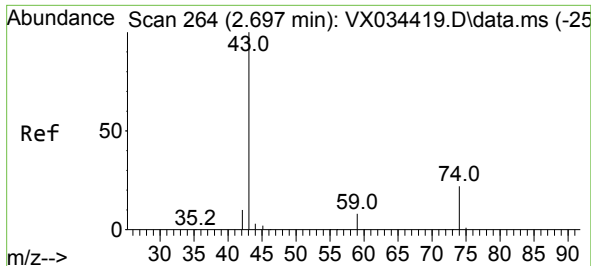
Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 19.697 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion: 43 Resp: 42209
Ion Ratio Lower Upper
43 100
58 26.8 24.7 37.1

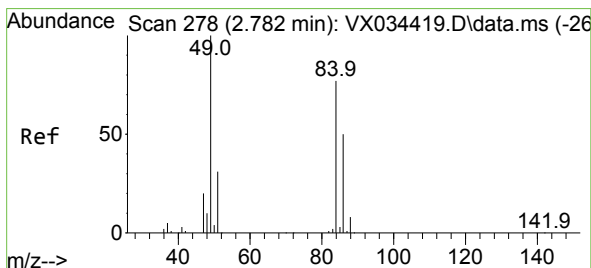
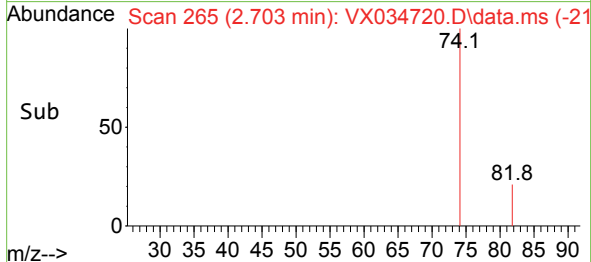
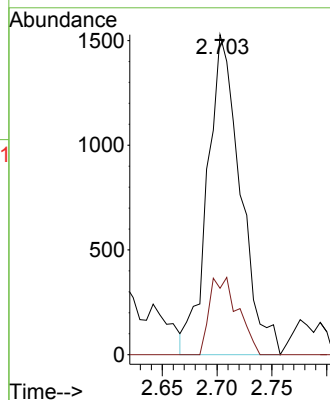
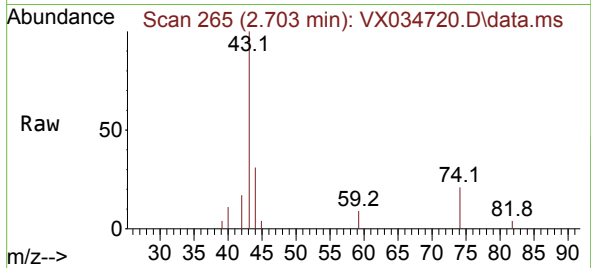




#18
Methyl Acetate
Concen: 0.456 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

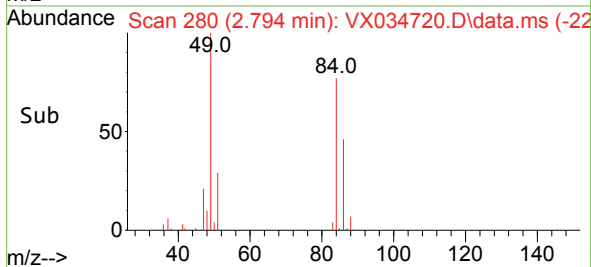
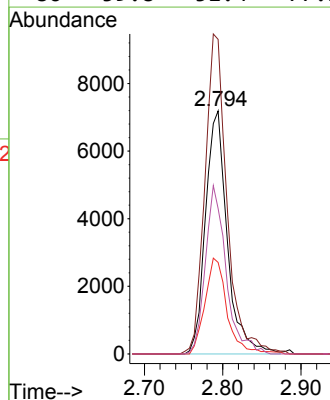
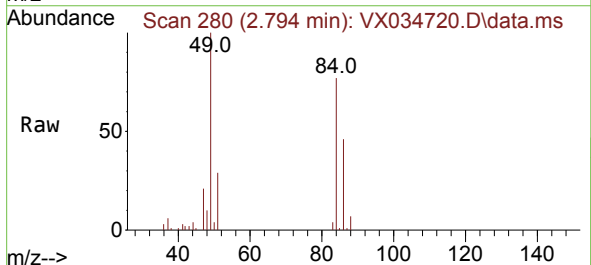
Instrument :
MSVOA_X
ClientSampleId :

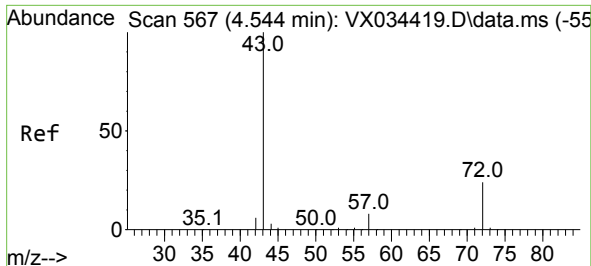
Tgt Ion: 43 Resp: 3196
Ion Ratio Lower Upper
43 100
74 20.8 18.3 27.5



#20
Methylene Chloride
Concen: 3.338 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

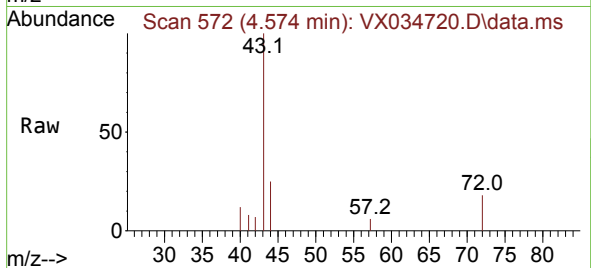
Tgt Ion: 84 Resp: 13882
Ion Ratio Lower Upper
84 100
49 129.4 103.8 155.8
51 37.7 31.8 47.8
86 59.8 51.4 77.2



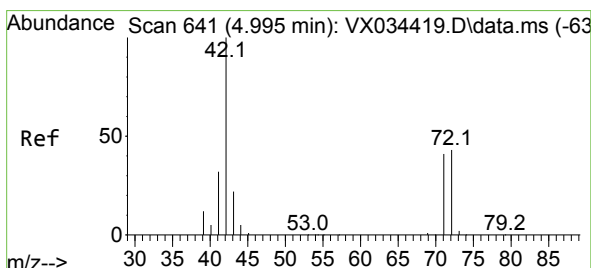
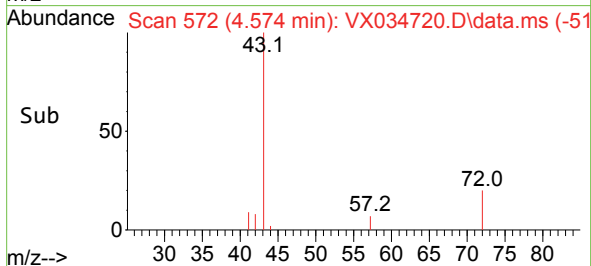
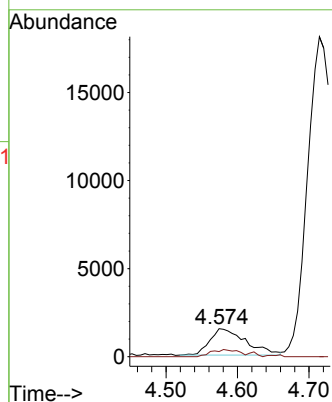


#25
2-Butanone
Concen: 1.700 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :

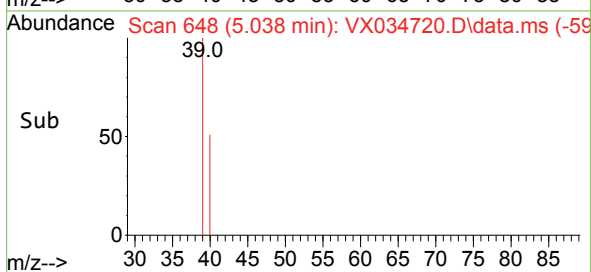
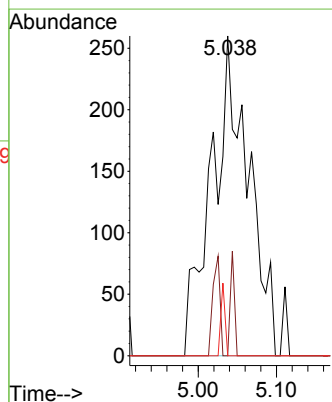
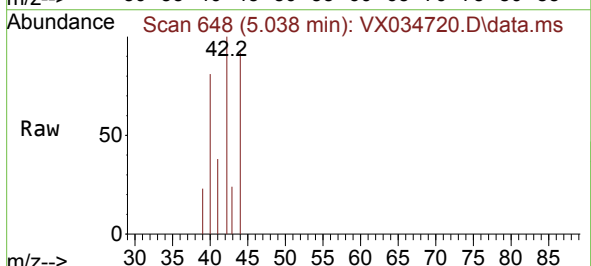


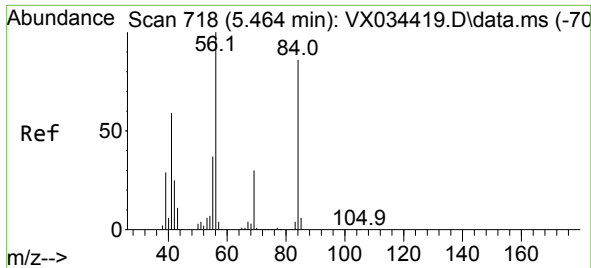
Tgt Ion: 43 Resp: 5213
Ion Ratio Lower Upper
43 100
72 19.4 19.3 28.9



#29
Tetrahydrofuran
Concen: 0.451 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.043 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

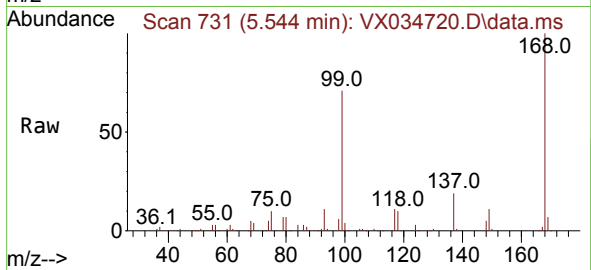
Tgt Ion: 42 Resp: 853
Ion Ratio Lower Upper
42 100
72 3.6 34.5 51.7#
71 2.6 32.1 48.1#



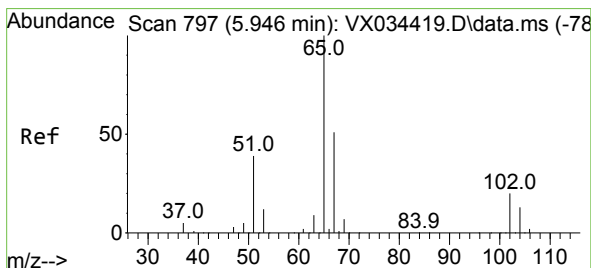
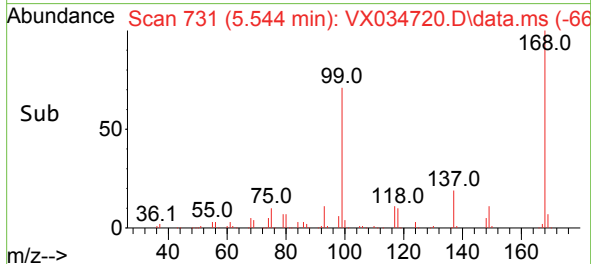
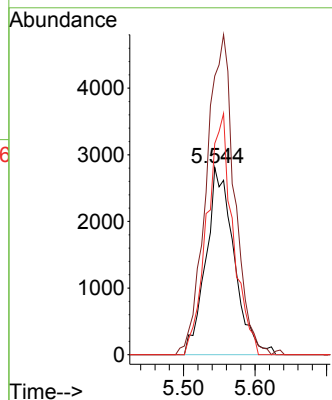


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :

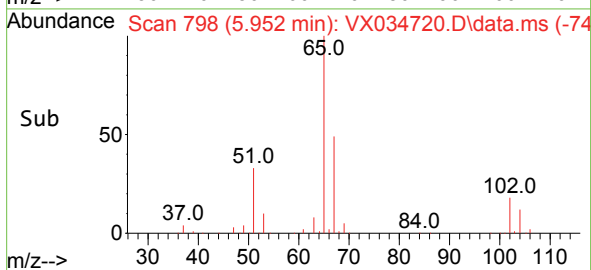
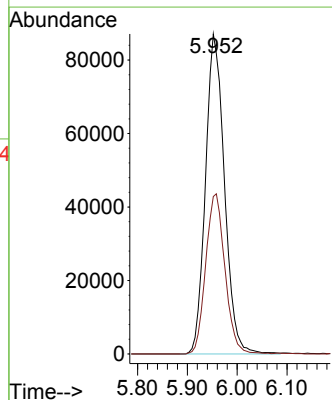
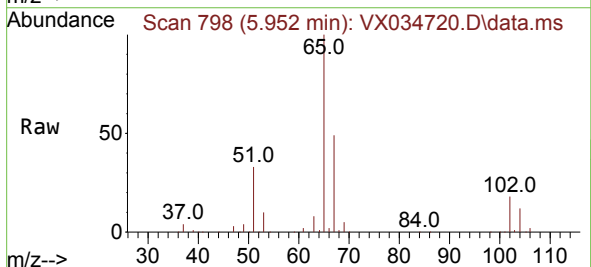


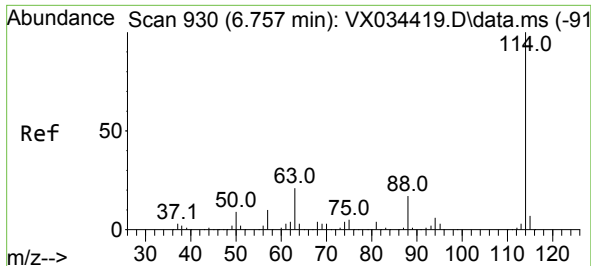
Tgt Ion: 56 Resp: 7652
Ion Ratio Lower Upper
56 100
69 146.5 23.7 35.5#
84 112.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.615 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion: 65 Resp: 230256
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

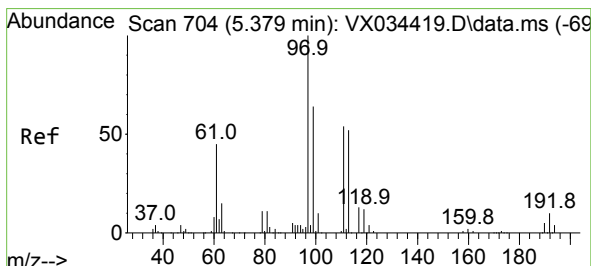
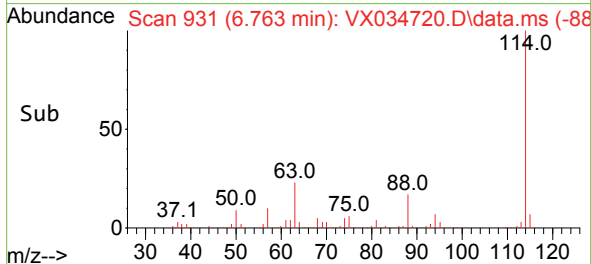
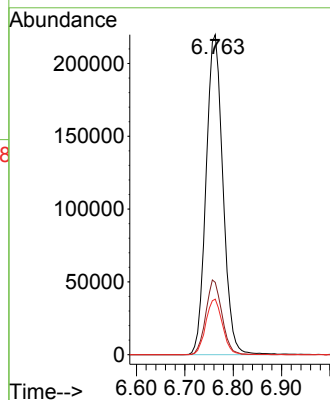
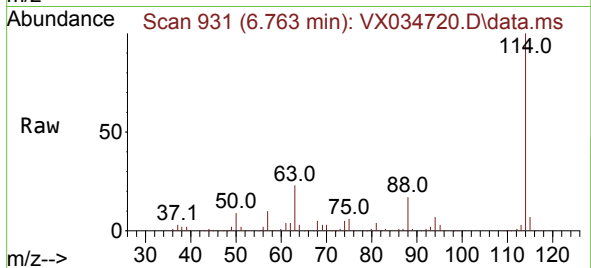




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

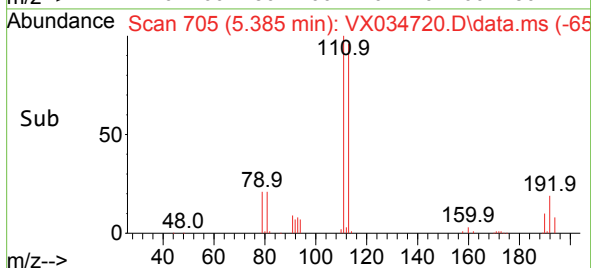
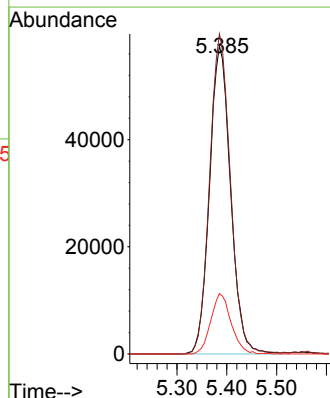
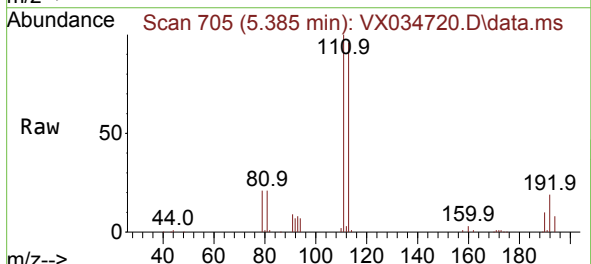
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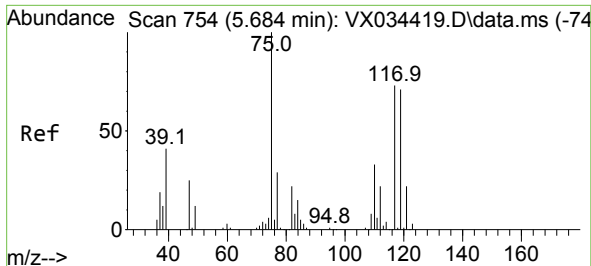
Tgt Ion:114 Resp: 531808
Ion Ratio Lower Upper
114 100
63 22.6 0.0 42.2
88 17.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.980 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

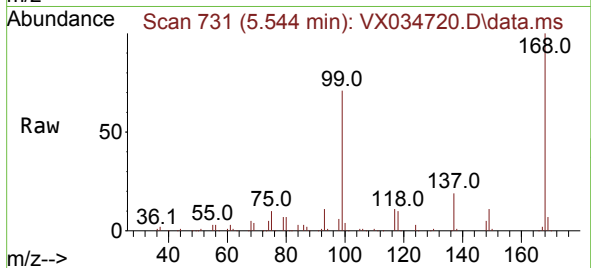
Tgt Ion:113 Resp: 168469
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.9 15.4 23.2



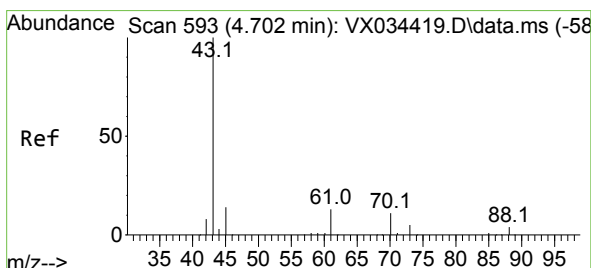
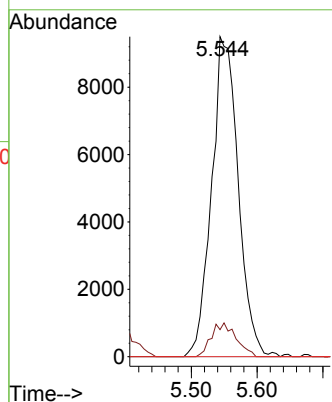
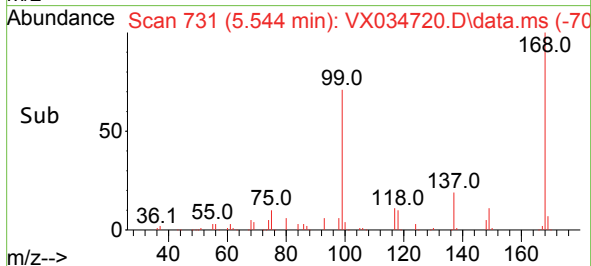


#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :

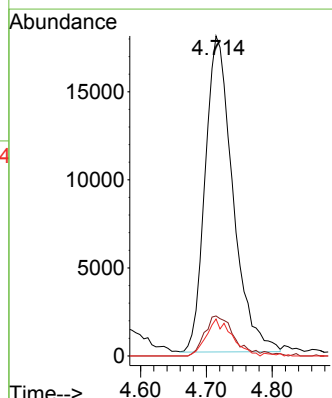
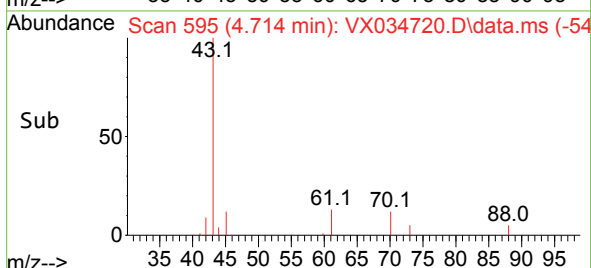
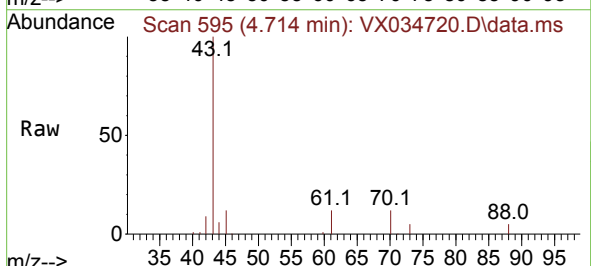


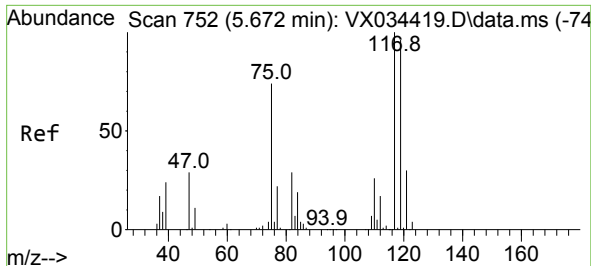
Tgt Ion: 75 Resp: 26771
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 8.906 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

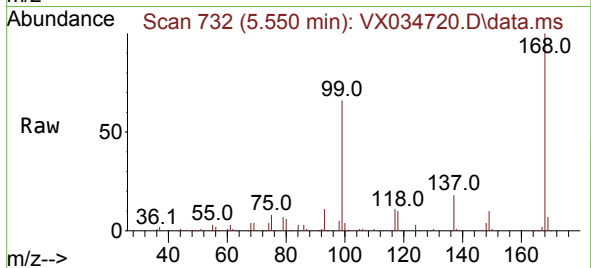
Tgt Ion: 43 Resp: 52471
Ion Ratio Lower Upper
43 100
61 13.9 10.2 15.4
70 10.8 8.2 12.4



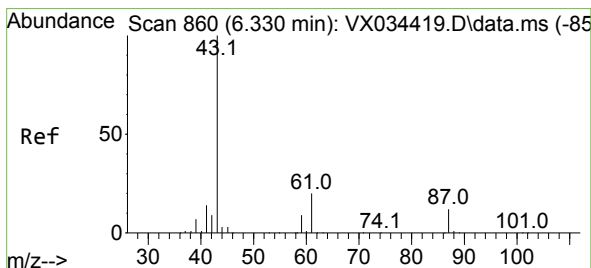
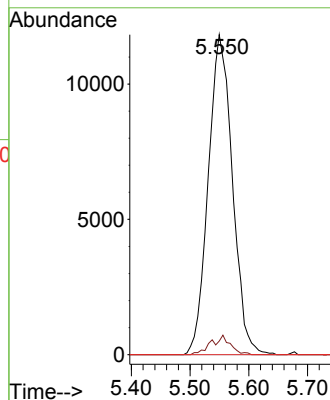
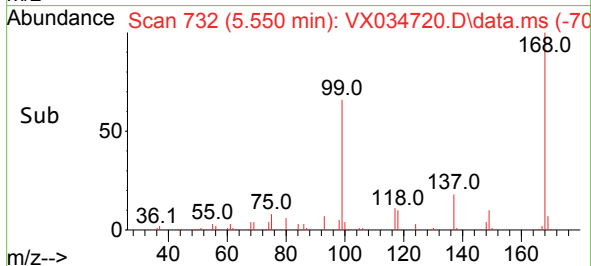


#38
Carbon Tetrachloride
Concen: 6.305 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :

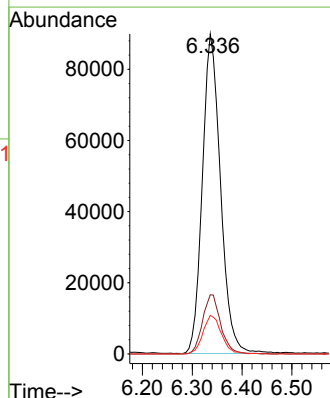
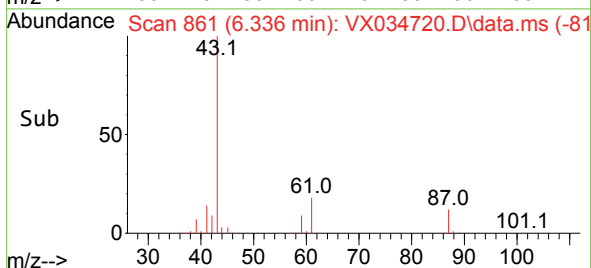
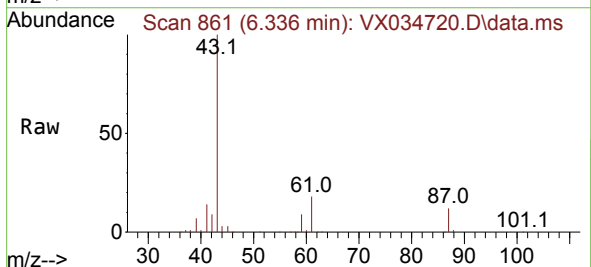


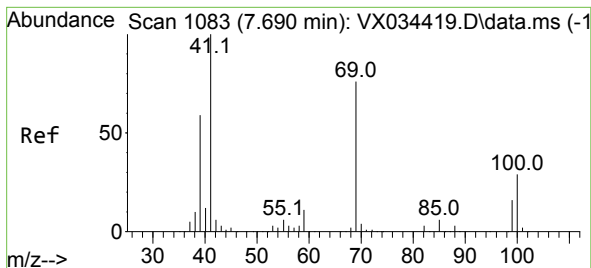
Tgt Ion:117 Resp: 33829
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 22.759 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion: 43 Resp: 227162
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.2 9.8 14.8





#48

Methyl methacrylate

Concen: 35.494 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.104 min

Lab File: VX034720.D

Acq: 24 Mar 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

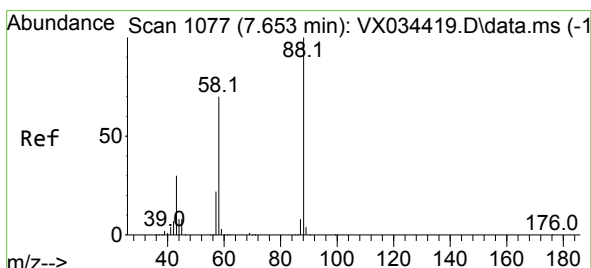
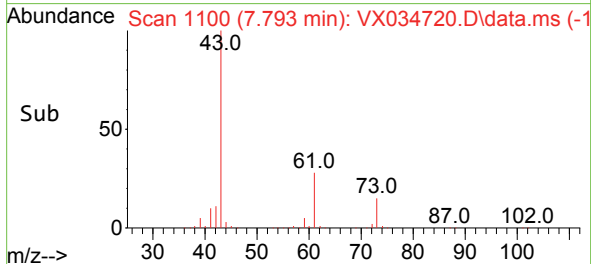
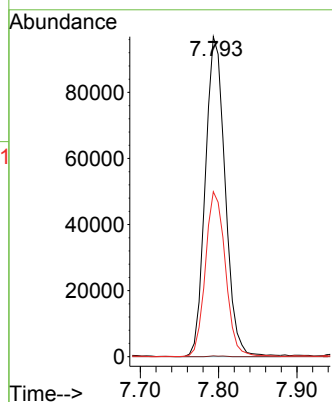
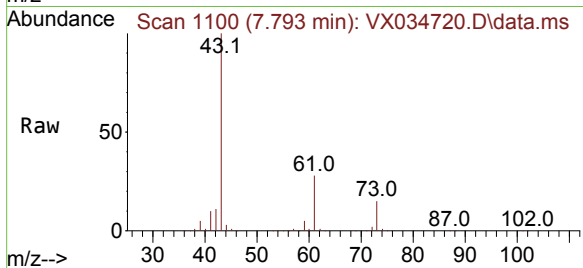
Tgt Ion: 41 Resp: 170384

Ion Ratio Lower Upper

41 100

69 0.2 62.2 93.4#

39 51.8 47.7 71.5



#49

1,4-Dioxane

Concen: 2.033 ug/l

RT: 7.775 min Scan# 1097

Delta R.T. 0.122 min

Lab File: VX034720.D

Acq: 24 Mar 2023 14:56

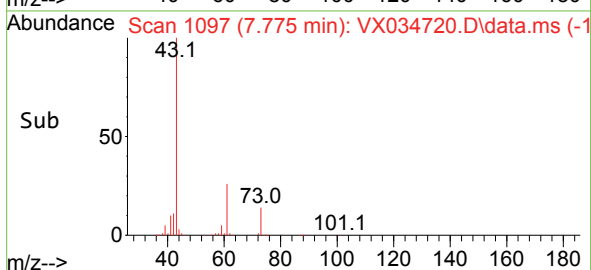
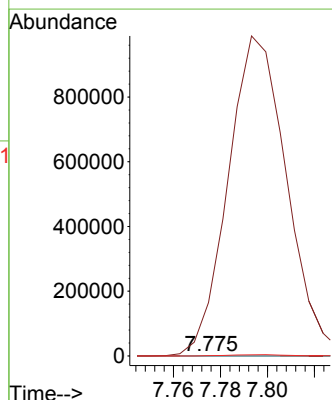
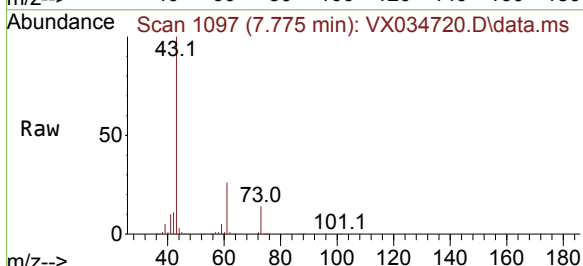
Tgt Ion: 88 Resp: 205

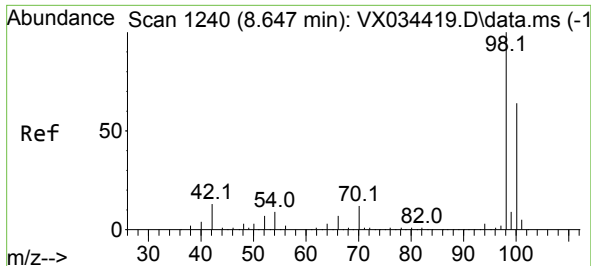
Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#

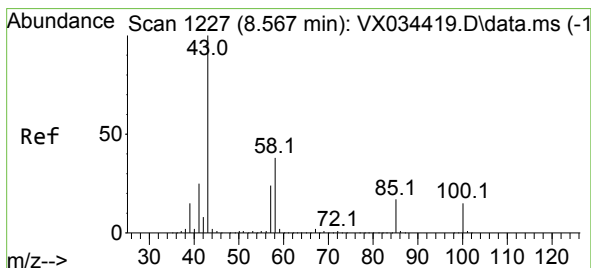
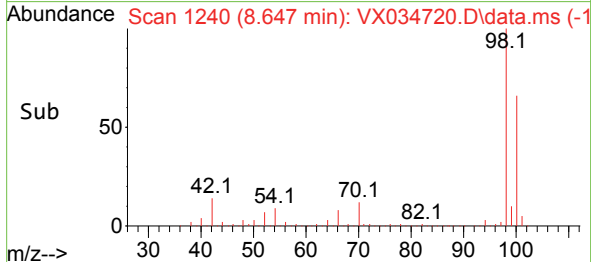
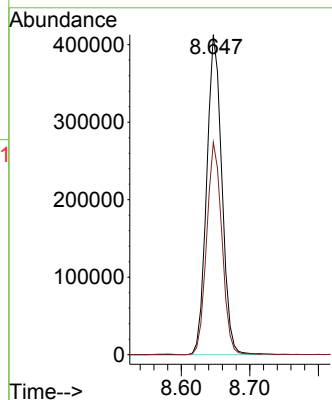
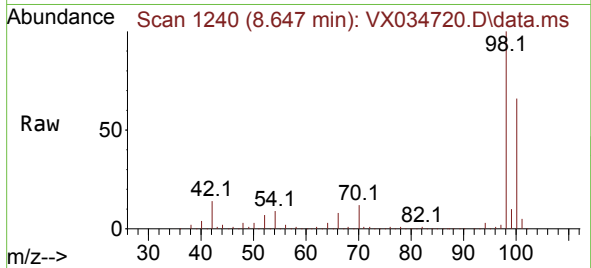




#50
Toluene-d8
Concen: 48.546 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

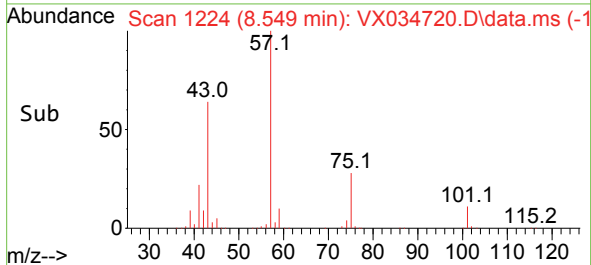
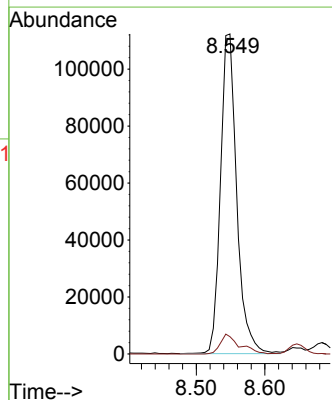
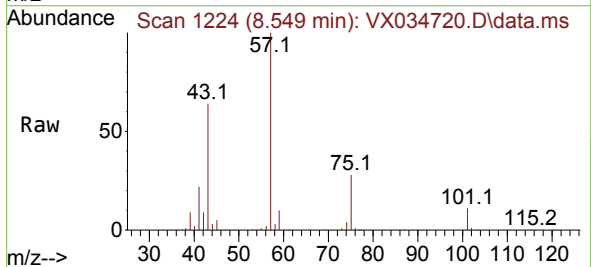
Instrument :
MSVOA_X
ClientSampleId :

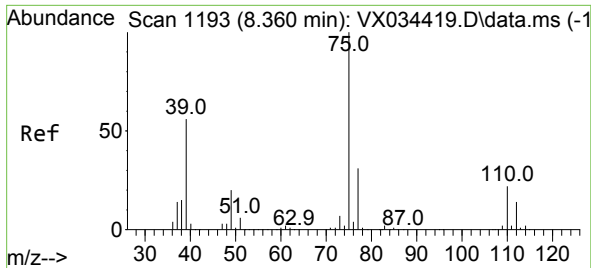
Tgt Ion: 98 Resp: 636330
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 31.822 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion: 43 Resp: 184251
Ion Ratio Lower Upper
43 100
58 7.4 30.6 46.0#

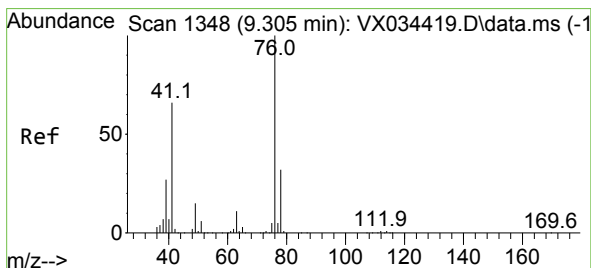
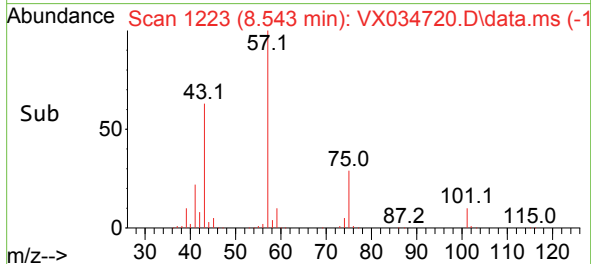
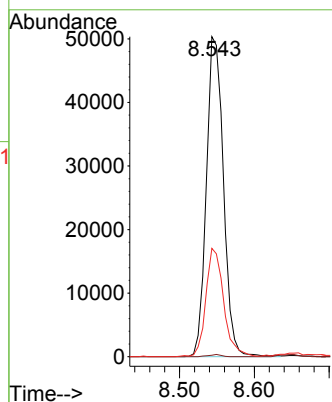
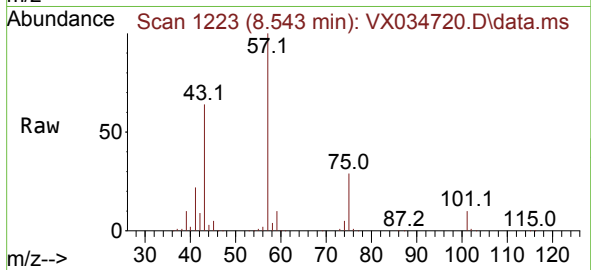




#54
 cis-1,3-Dichloropropene
 Concen: 12.081 ug/l
 RT: 8.543 min Scan# 1193
 Delta R.T. 0.183 min
 Lab File: VX034720.D
 Acq: 24 Mar 2023 14:56

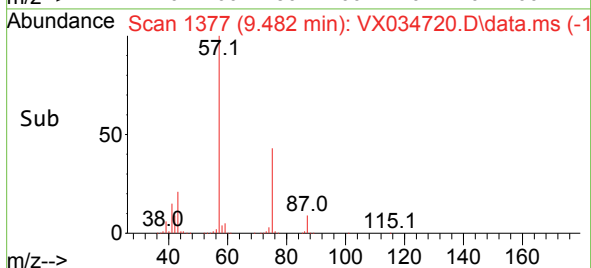
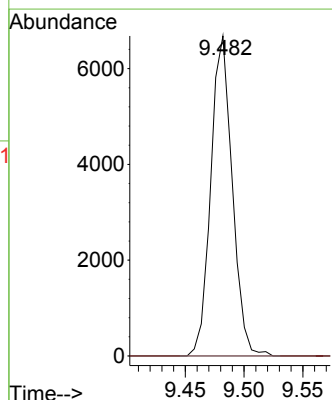
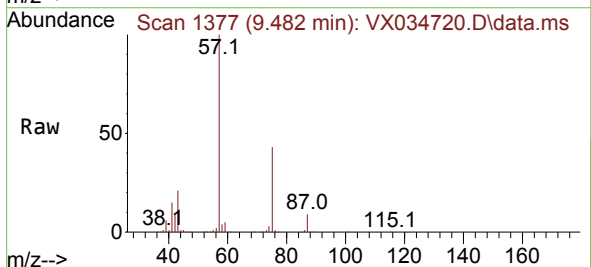
Instrument :
 MSVOA_X
 ClientSampleId :

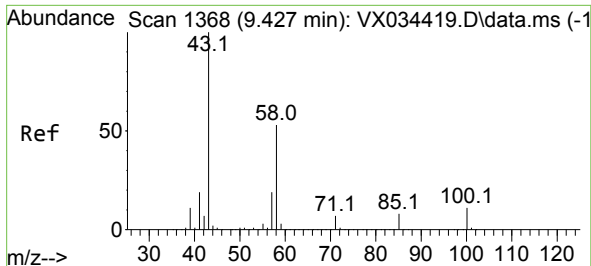
Tgt Ion: 75 Resp: 79815
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.4#
 39 33.7 44.6 66.8#



#57
 1,3-Dichloropropane
 Concen: 1.233 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX034720.D
 Acq: 24 Mar 2023 14:56

Tgt Ion: 76 Resp: 8492
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#

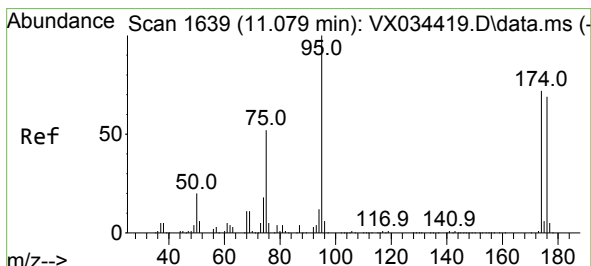
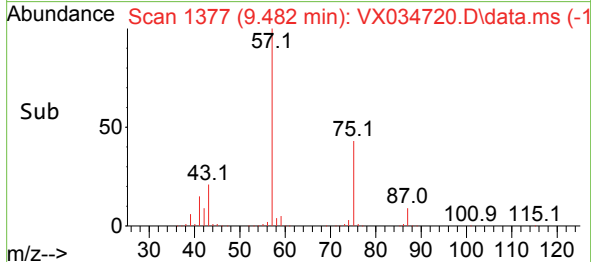
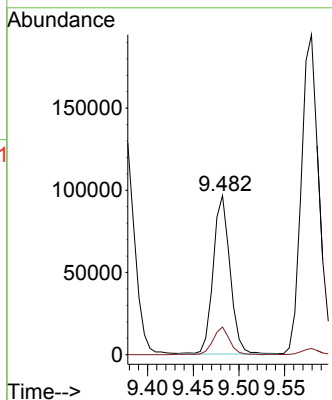
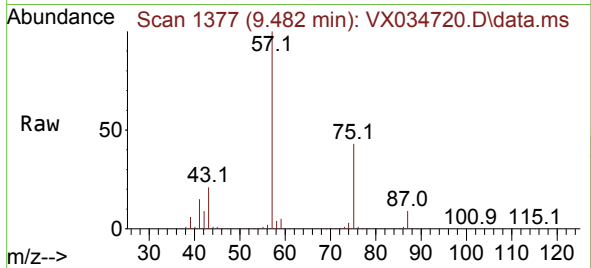




#59
2-Hexanone
Concen: 27.726 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

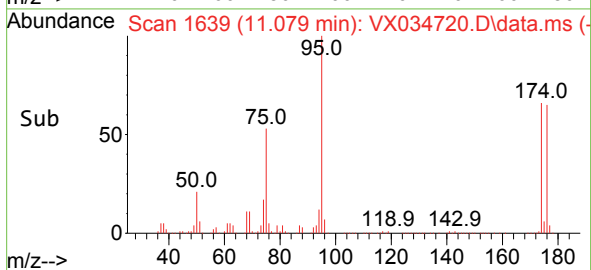
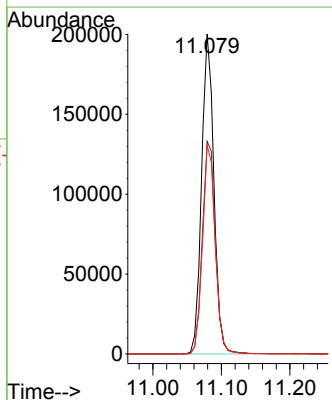
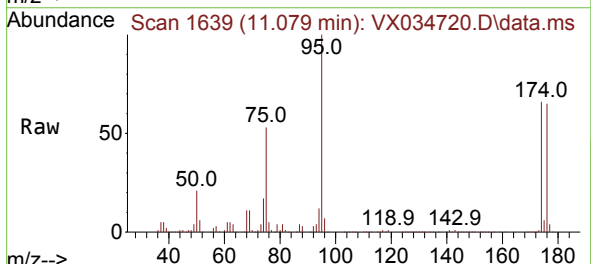
Instrument :
MSVOA_X
ClientSampleId :

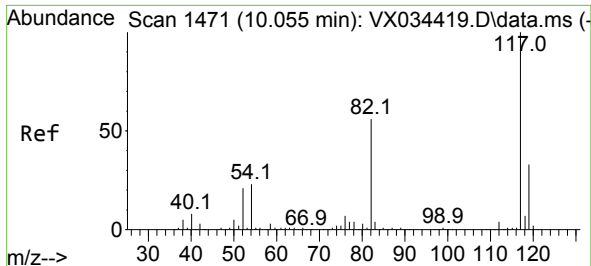
Tgt Ion: 43 Resp: 124098
Ion Ratio Lower Upper
43 100
58 17.3 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 47.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

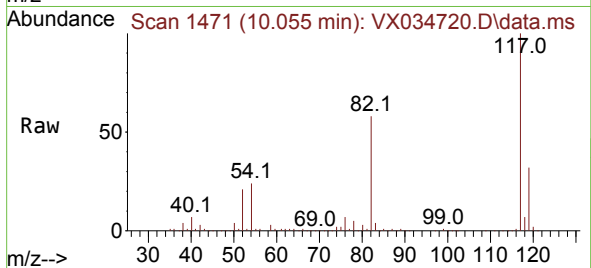
Tgt Ion: 95 Resp: 250681
Ion Ratio Lower Upper
95 100
174 70.1 0.0 147.4
176 67.1 0.0 140.6



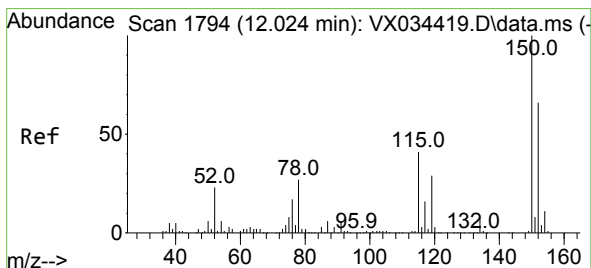
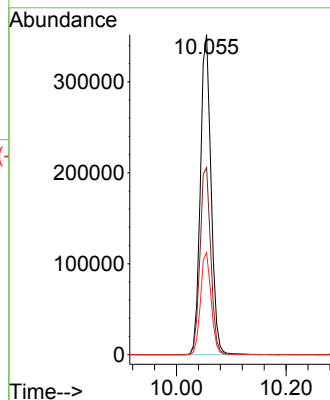
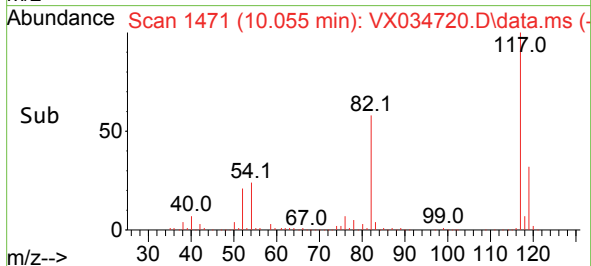


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

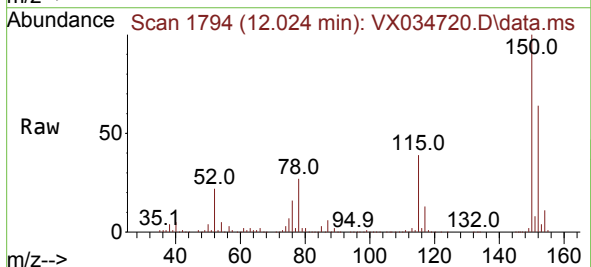
Instrument :
MSVOA_X
ClientSampleId :



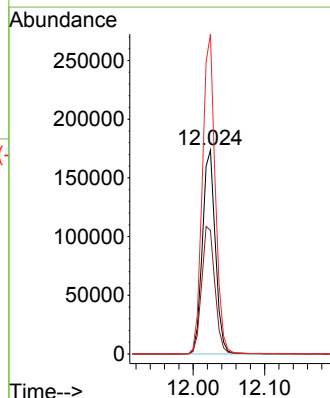
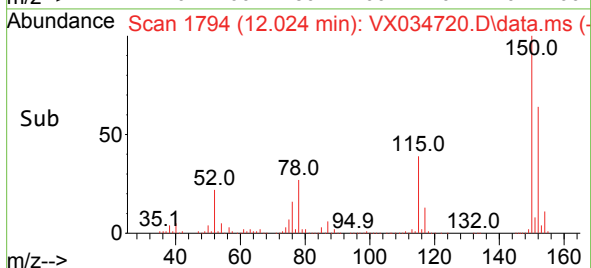
Tgt Ion:117 Resp: 476616
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 31.9 26.0 39.0

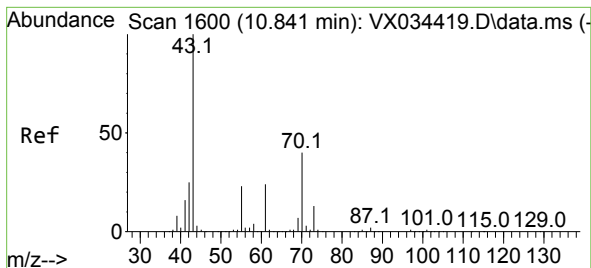


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56



Tgt Ion:152 Resp: 218542
Ion Ratio Lower Upper
152 100
115 64.0 45.0 135.0
150 155.4 0.0 352.4





#74

N-ethyl acetate

Concen: 4.419 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.201 min

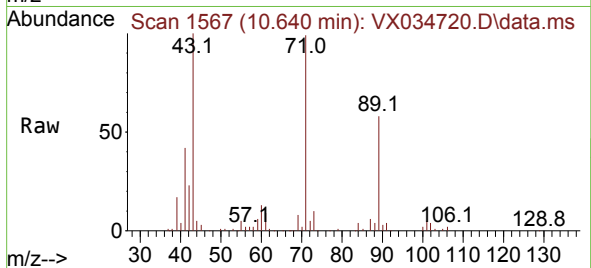
Lab File: VX034720.D

Acq: 24 Mar 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 35751

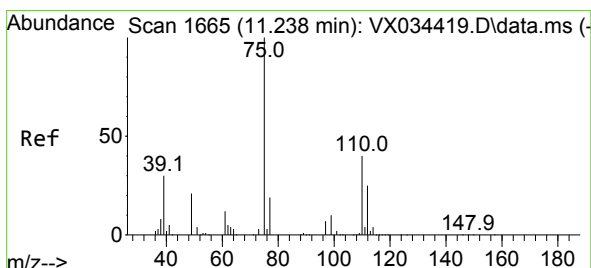
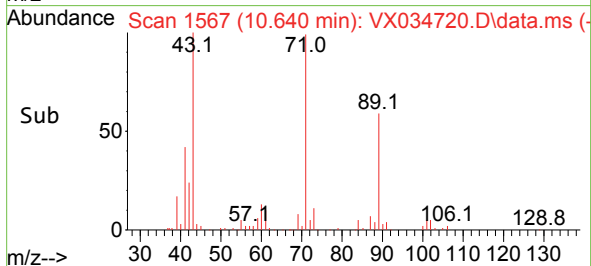
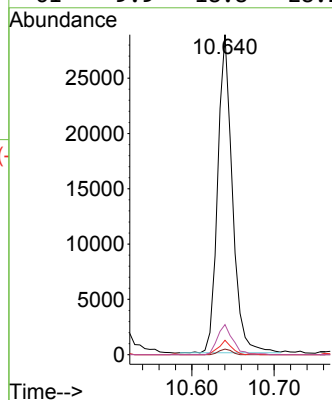
Ion Ratio Lower Upper

43 100

70 1.5 32.1 48.1#

55 4.0 18.3 27.5#

61 9.9 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 26.394 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034720.D

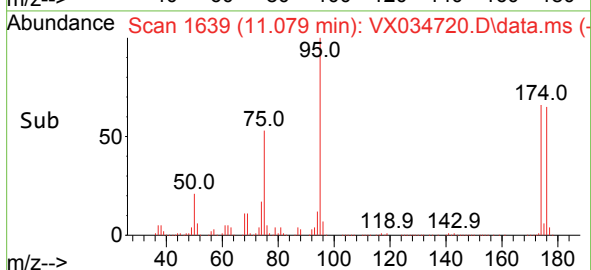
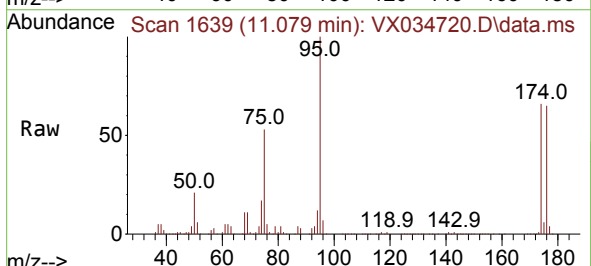
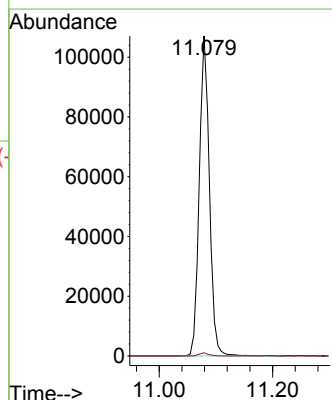
Acq: 24 Mar 2023 14:56

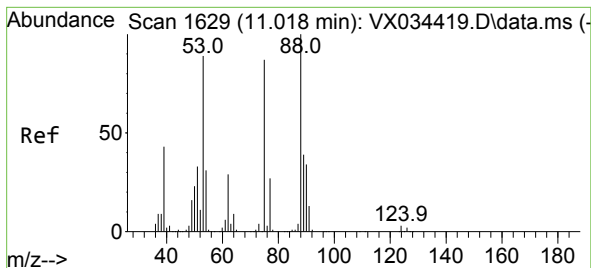
Tgt Ion: 75 Resp: 132445

Ion Ratio Lower Upper

75 100

77 0.9 21.6 64.8#

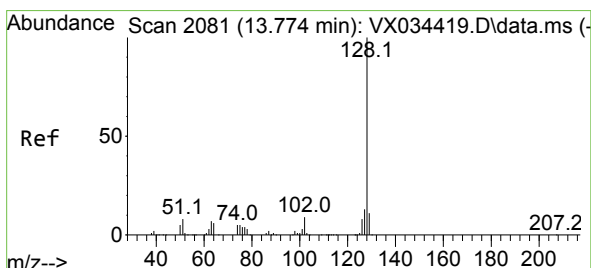
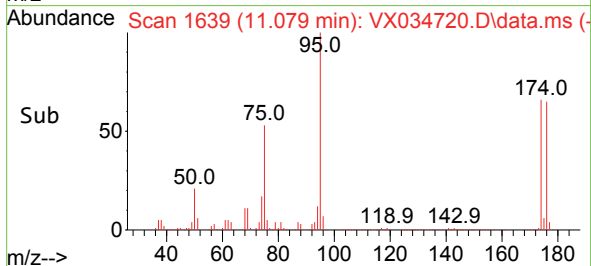
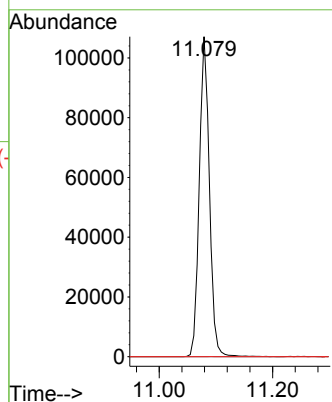
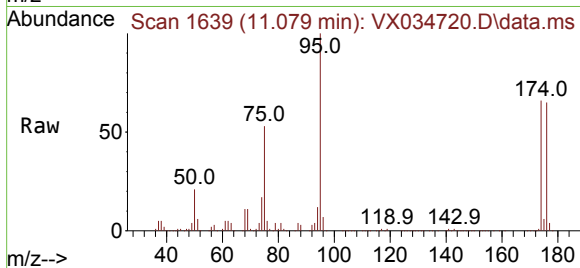




#81
trans-1,4-Dichloro-2-butene
Concen: 71.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 132445
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.796 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034720.D
Acq: 24 Mar 2023 14:56

Tgt Ion:128 Resp: 12811
Ion Ratio Lower Upper
128 100
127 14.5 10.2 15.4
129 10.7 8.6 13.0

