

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034724.D
 Acq On : 24 Mar 2023 16:29
 Operator : JC/MD
 Sample : 02052-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 01:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

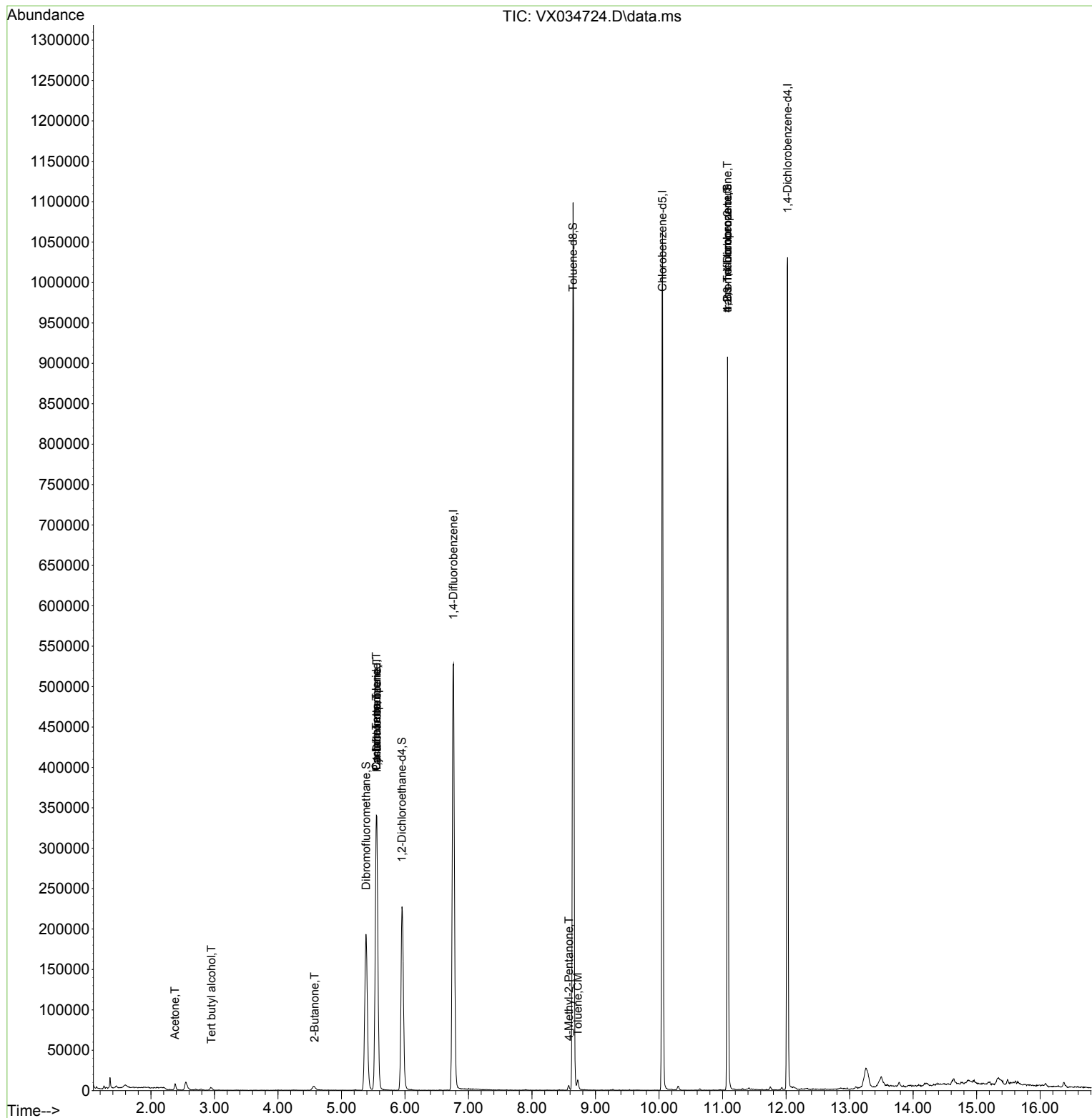
Internal Standards						
1) Pentafluorobenzene	5.556	168	312632	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	532333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	467604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	212817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	228864	50.320	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.640%			
35) Dibromofluoromethane	5.385	113	168382	47.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.820%			
50) Toluene-d8	8.647	98	631743	48.149	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	246244	46.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.920%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	438	Below Cal		95
11) Tert butyl alcohol	2.953	59	2445	2.582 ug/l #		73
16) Acetone	2.380	43	7731	3.609 ug/l		94
25) 2-Butanone	4.574	43	979	0.319 ug/l #		51
31) Cyclohexane	5.550	56	7440	1.166 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	26998	5.001 ug/l #		50
38) Carbon Tetrachloride	5.550	117	33548	6.247 ug/l #		17
51) 4-Methyl-2-Pentanone	8.580	43	4167	0.719 ug/l		96
52) Toluene	8.720	92	4250	0.435 ug/l		94
76) 1,2,3-Trichloropropane	11.079	75	127044	25.999 ug/l #		34
81) trans-1,4-Dichloro-2-b...	11.079	75	127044	70.335 ug/l #		8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
Data File : VX034724.D
Acq On : 24 Mar 2023 16:29
Operator : JC/MD
Sample : 02052-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

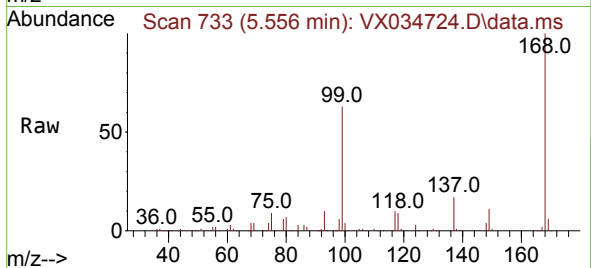
Quant Time: Mar 27 01:32:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



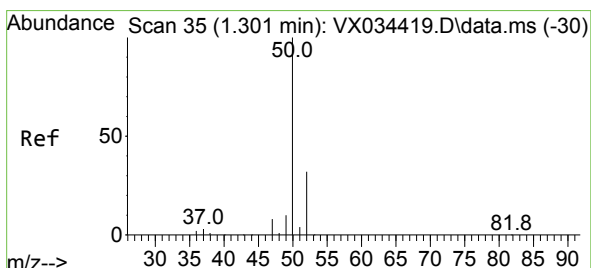
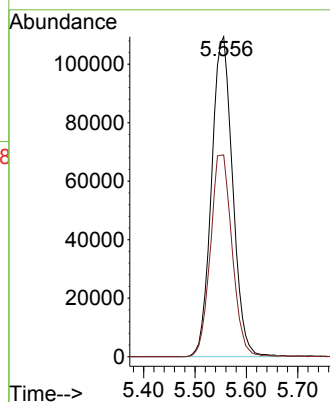
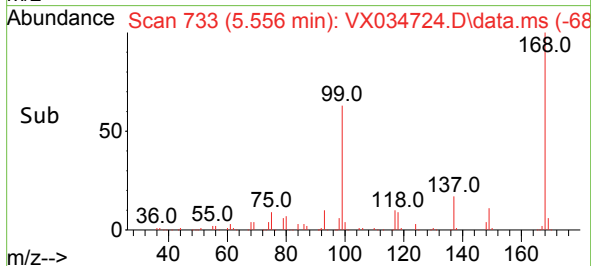


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :

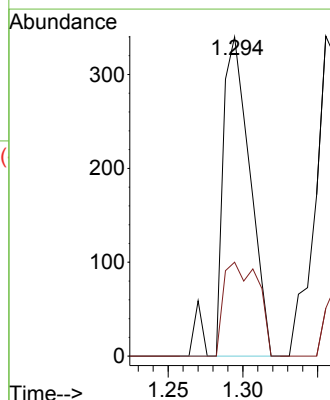
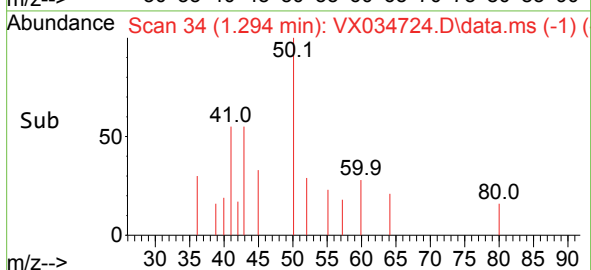
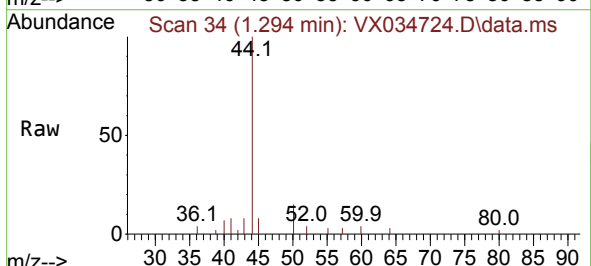


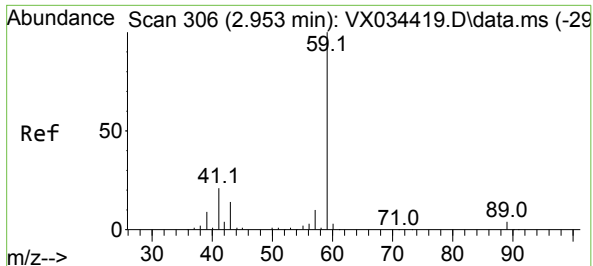
Tgt Ion:168 Resp: 312632
Ion Ratio Lower Upper
168 100
99 63.1 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

Tgt Ion: 50 Resp: 438
Ion Ratio Lower Upper
50 100
52 29.4 25.9 38.9





#11

Tert butyl alcohol

Concen: 2.582 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX034724.D

Acq: 24 Mar 2023 16:29

Instrument :

MSVOA_X

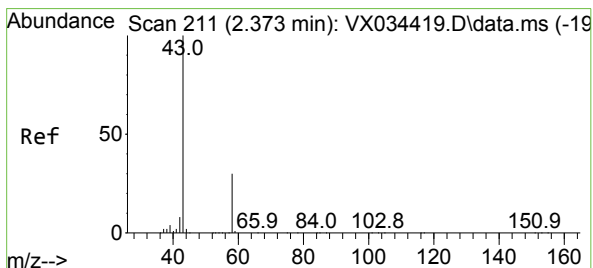
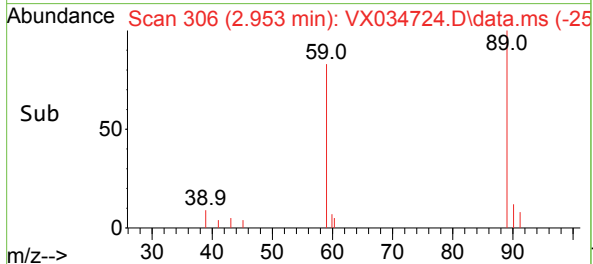
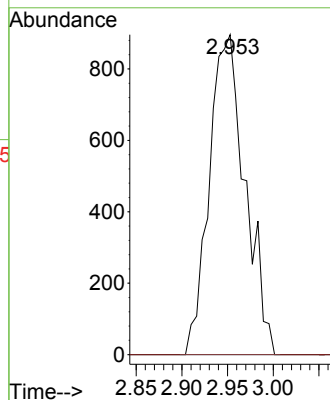
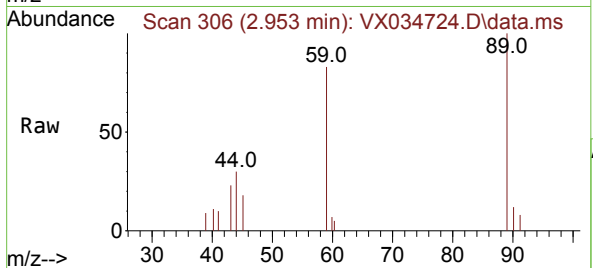
ClientSampleId :

Tgt Ion: 59 Resp: 2445

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 3.609 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034724.D

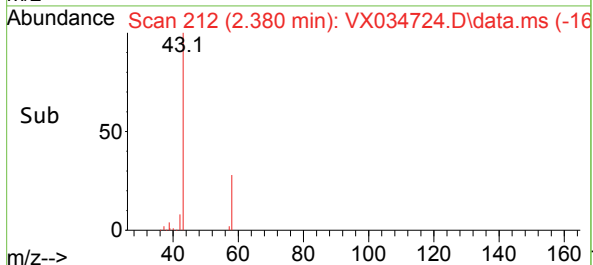
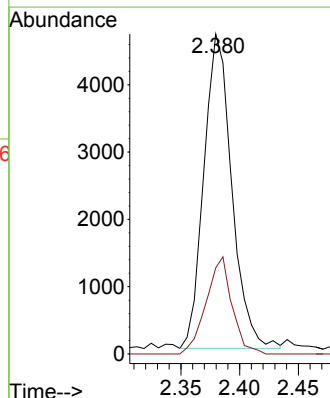
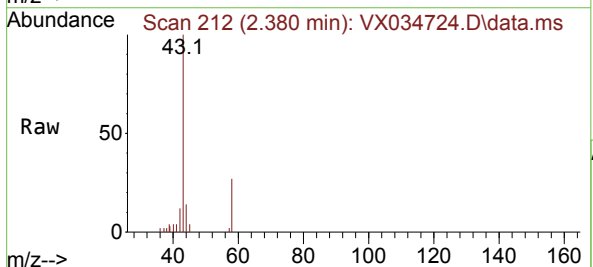
Acq: 24 Mar 2023 16:29

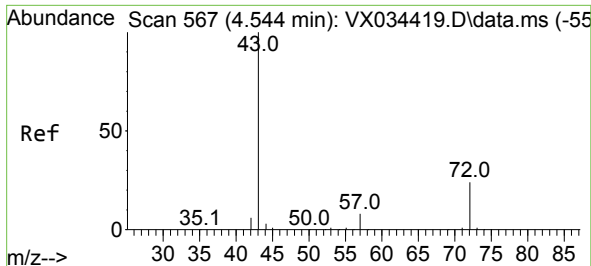
Tgt Ion: 43 Resp: 7731

Ion Ratio Lower Upper

43 100

58 27.4 24.7 37.1

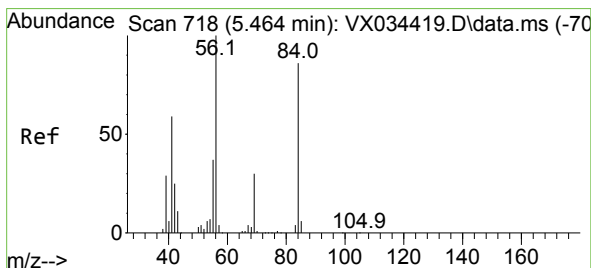
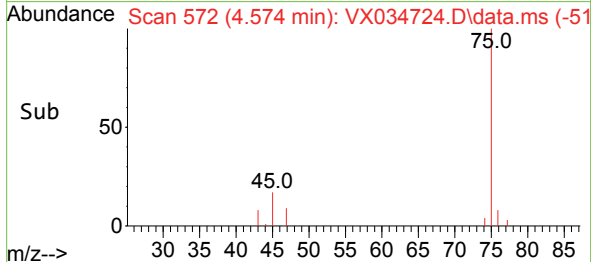
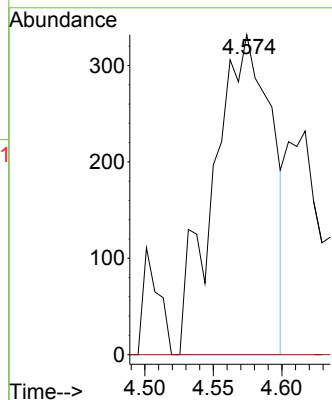
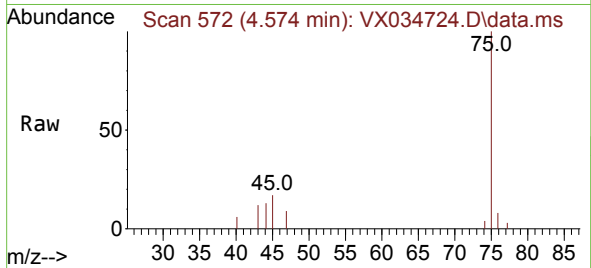




#25
2-Butanone
Concen: 0.319 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

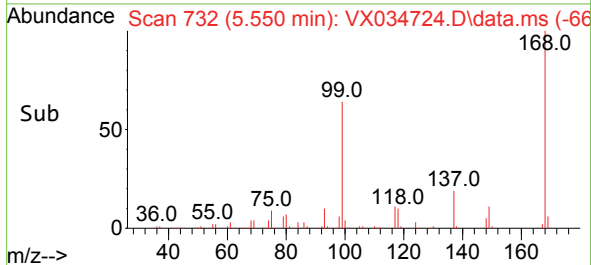
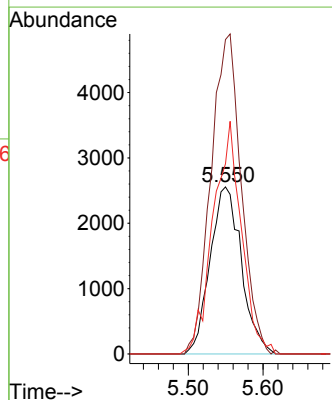
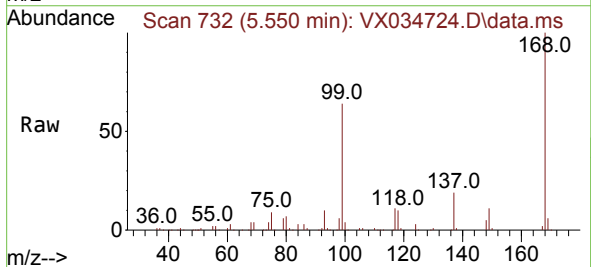
Instrument :
MSVOA_X
ClientSampleId :

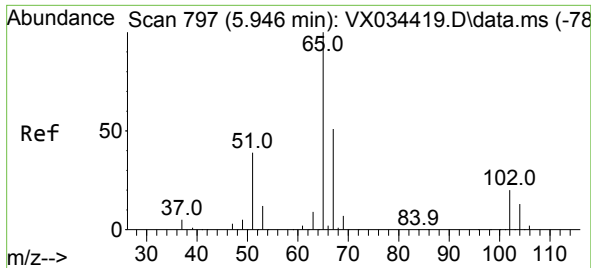
Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

Tgt Ion: 56 Resp: 7440
Ion Ratio Lower Upper
56 100
69 188.2 23.7 35.5#
84 113.8 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 50.320 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034724.D

Acq: 24 Mar 2023 16:29

Instrument :

MSVOA_X

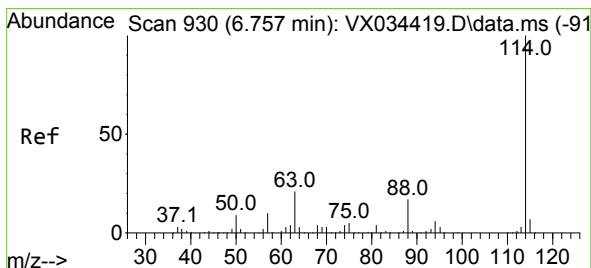
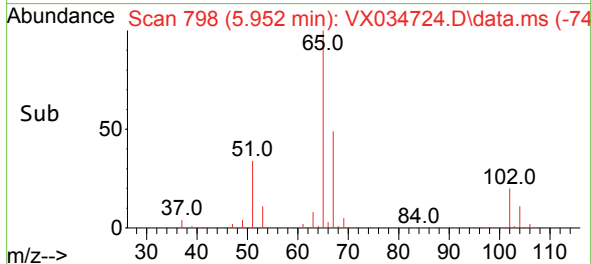
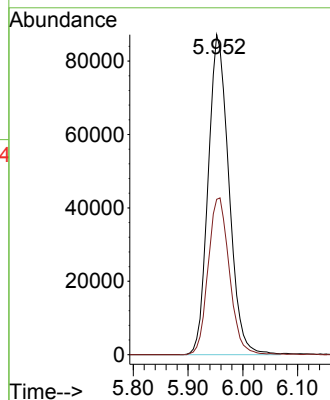
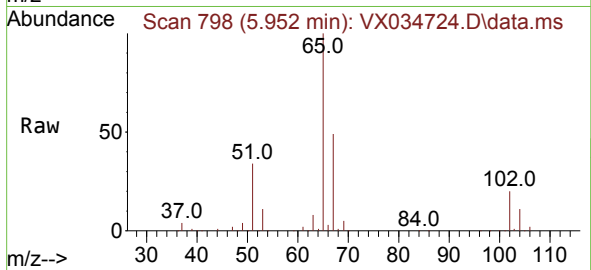
ClientSampleId :

Tgt Ion: 65 Resp: 228864

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034724.D

Acq: 24 Mar 2023 16:29

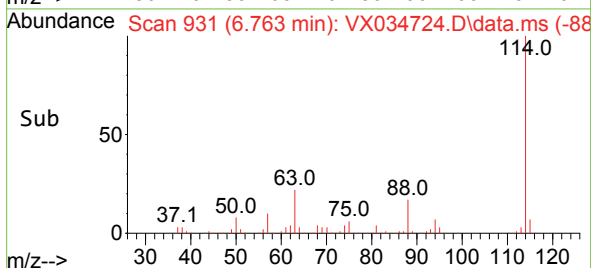
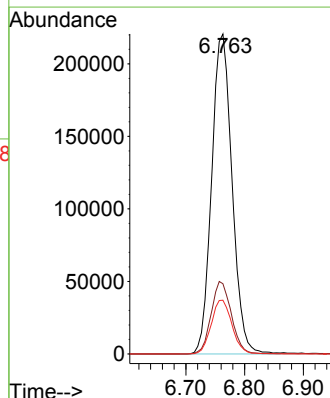
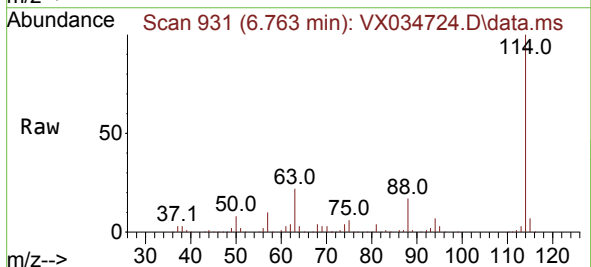
Tgt Ion: 114 Resp: 532333

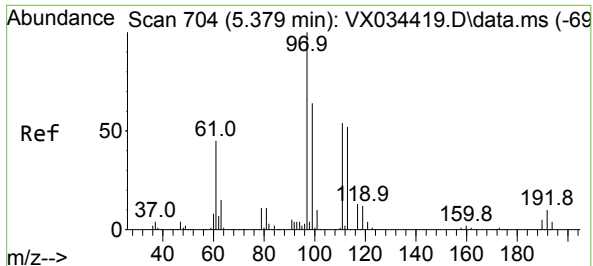
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.908 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034724.D

Acq: 24 Mar 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

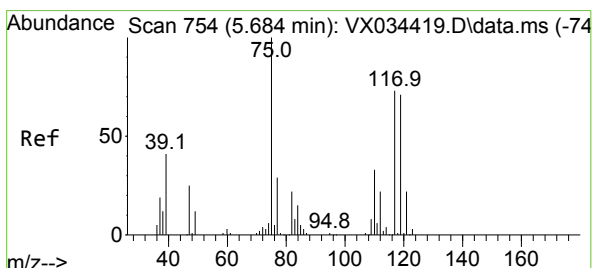
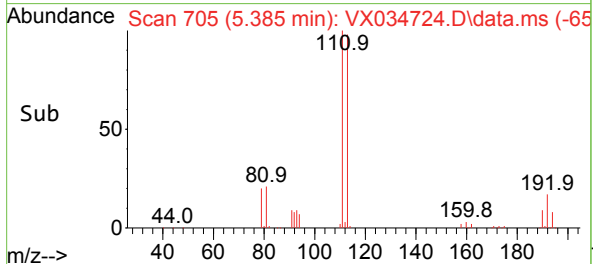
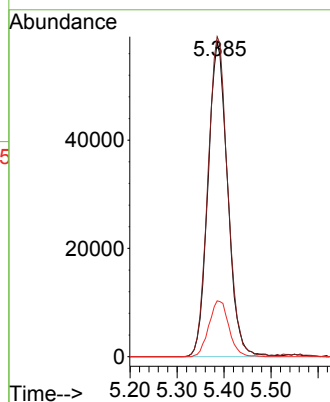
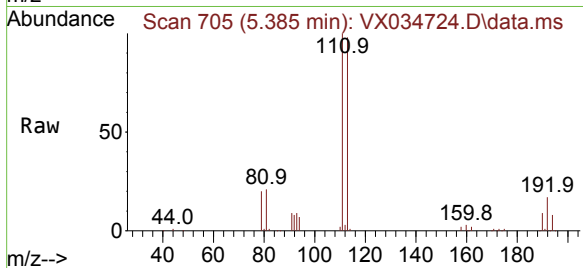
Tgt Ion:113 Resp: 168382

Ion Ratio Lower Upper

113 100

111 102.5 83.7 125.5

192 18.1 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.001 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX034724.D

Acq: 24 Mar 2023 16:29

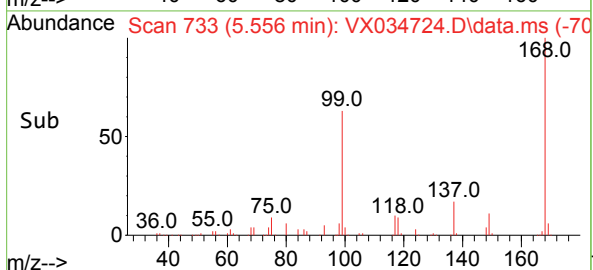
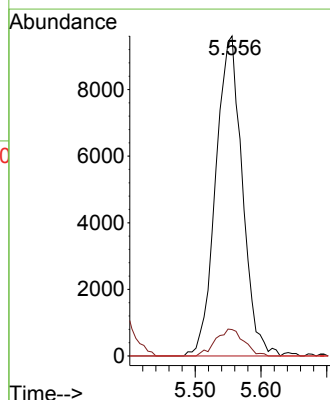
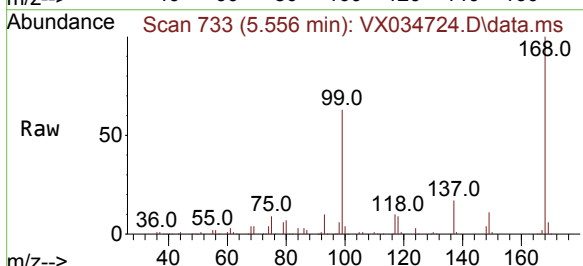
Tgt Ion: 75 Resp: 26998

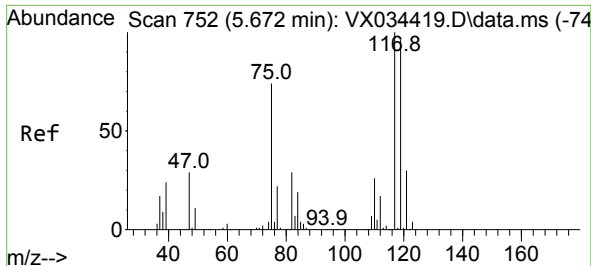
Ion Ratio Lower Upper

75 100

110 8.9 17.5 52.5#

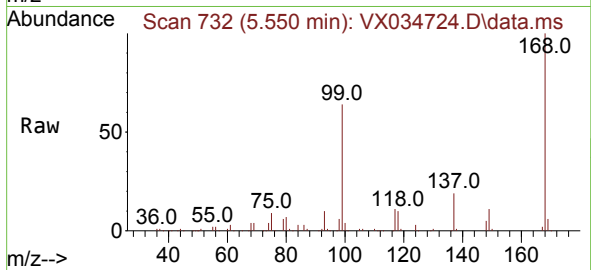
77 0.0 24.3 36.5#



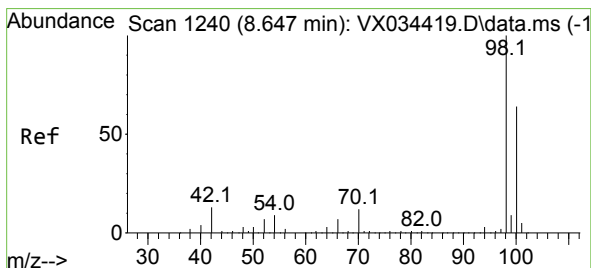
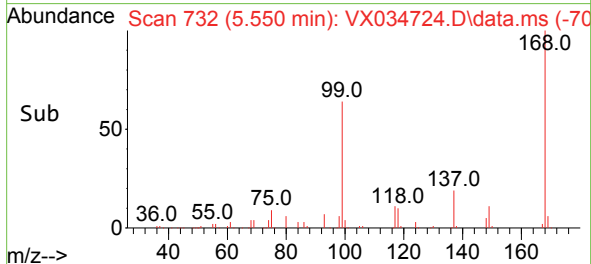
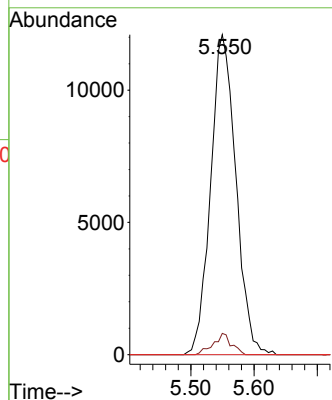


#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

Instrument :
MSVOA_X
ClientSampleId :

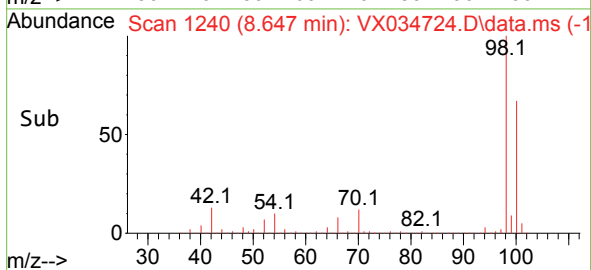
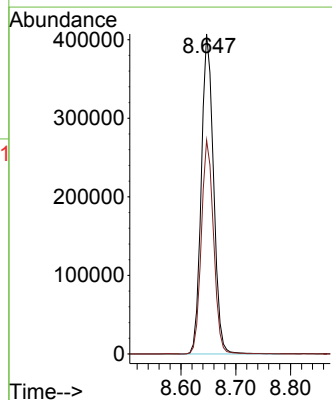
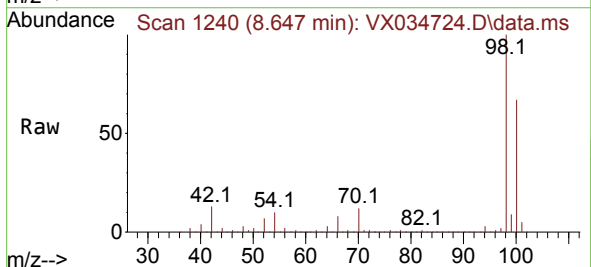


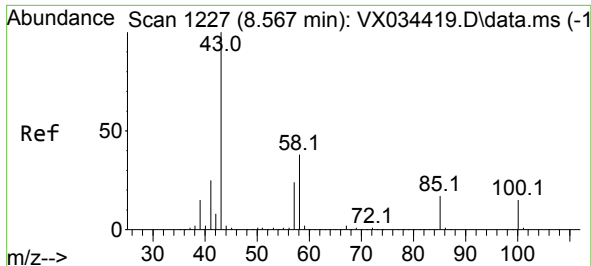
Tgt Ion:117 Resp: 33548
Ion Ratio Lower Upper
117 100
119 6.7 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.149 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

Tgt Ion: 98 Resp: 631743
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

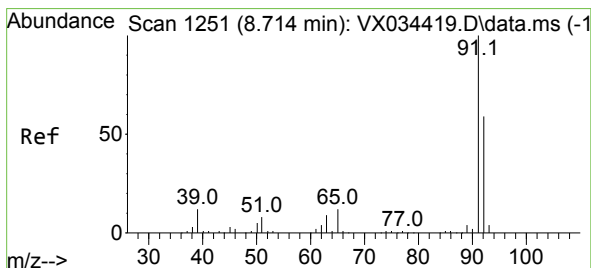
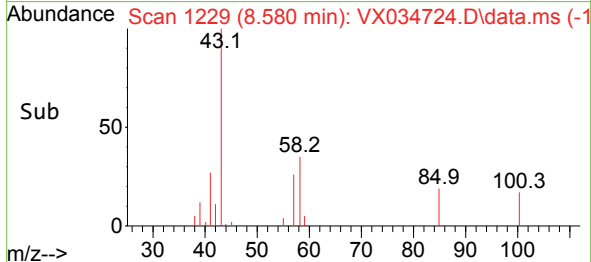
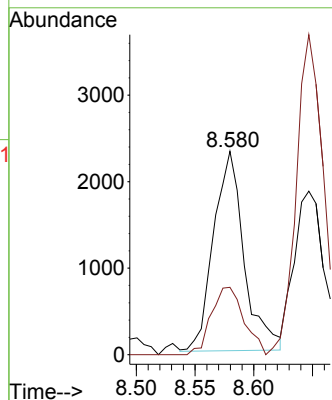
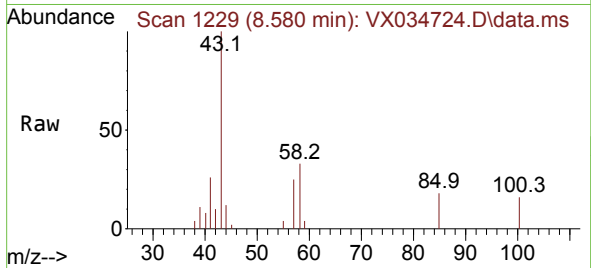




#51
4-Methyl-2-Pentanone
Concen: 0.719 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

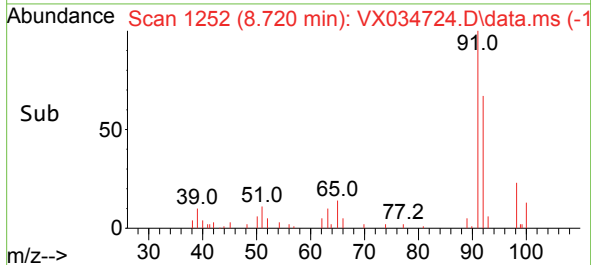
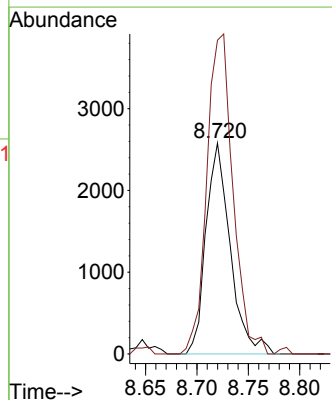
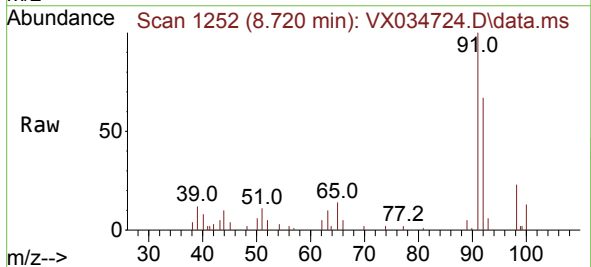
Instrument :
MSVOA_X
ClientSampleId :

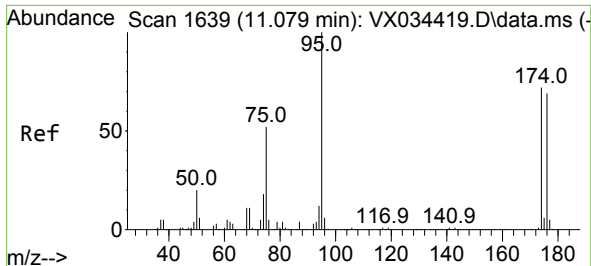
Tgt Ion: 43 Resp: 4167
Ion Ratio Lower Upper
43 100
58 36.1 30.6 46.0



#52
Toluene
Concen: 0.435 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

Tgt Ion: 92 Resp: 4250
Ion Ratio Lower Upper
92 100
91 163.3 136.8 205.2

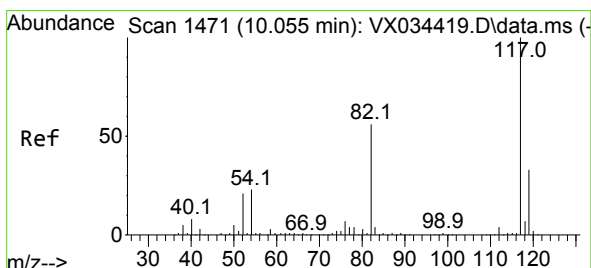
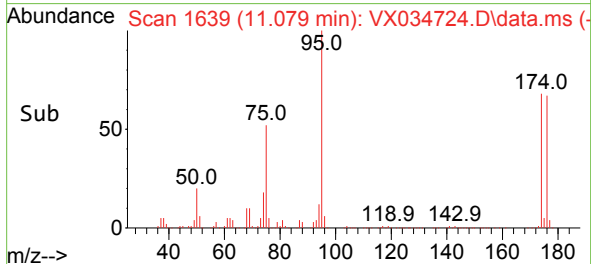
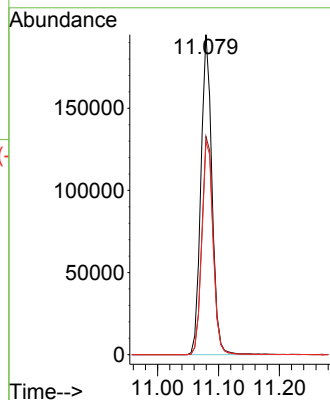
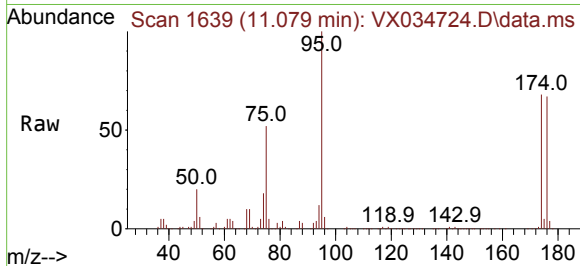




#62
4-Bromofluorobenzene
Concen: 46.463 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

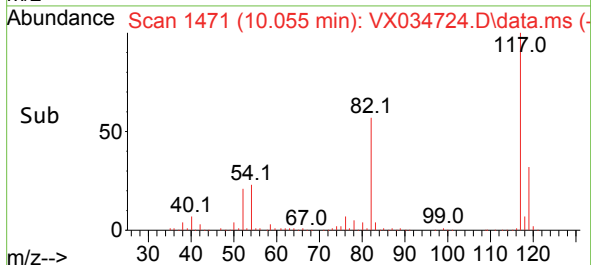
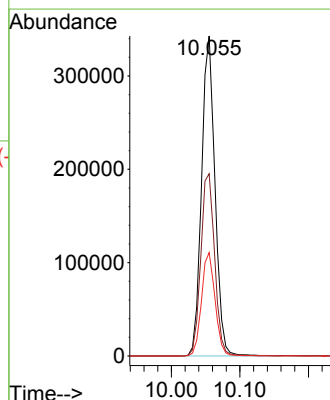
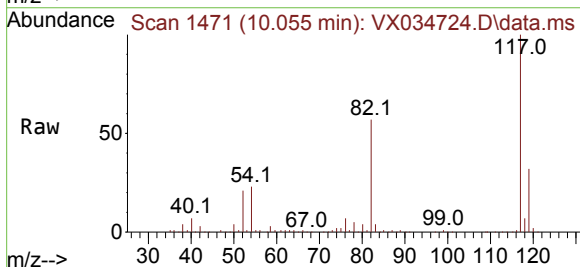
Instrument :
MSVOA_X
ClientSampleId :

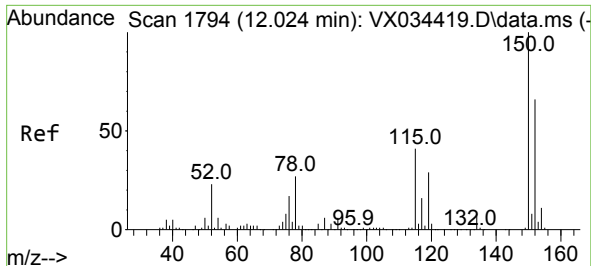
Tgt Ion: 95 Resp: 246244
Ion Ratio Lower Upper
95 100
174 69.8 0.0 147.4
176 67.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034724.D
Acq: 24 Mar 2023 16:29

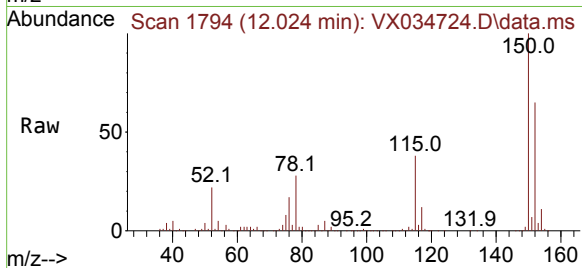
Tgt Ion: 117 Resp: 467604
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.3 26.0 39.0



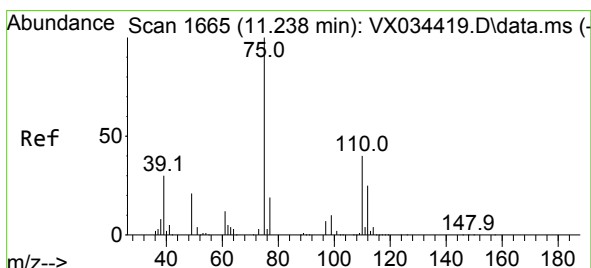
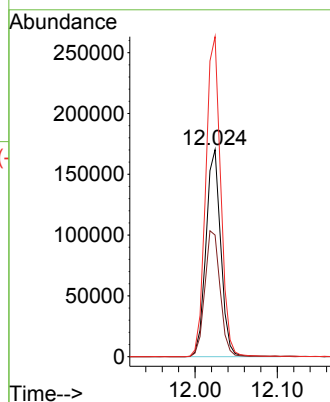
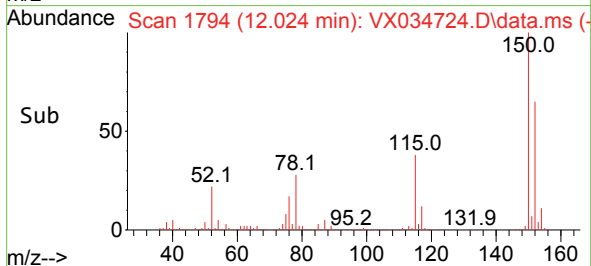


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034724.D
 Acq: 24 Mar 2023 16:29

Instrument :
 MSVOA_X
 ClientSampleId :

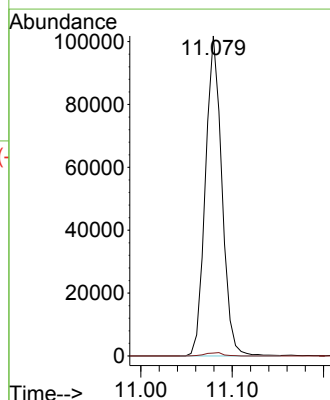
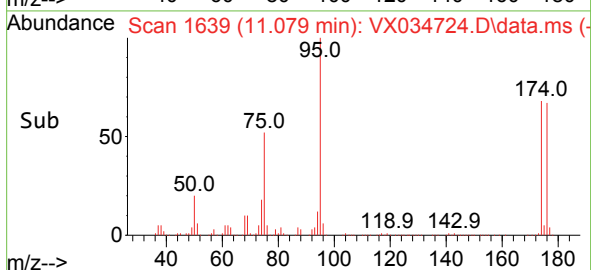
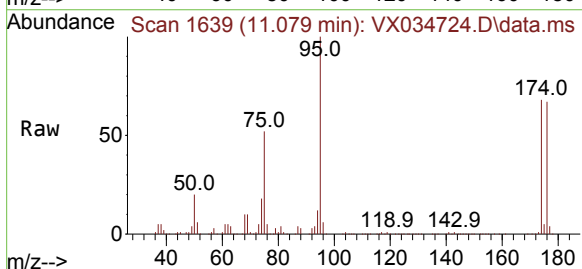


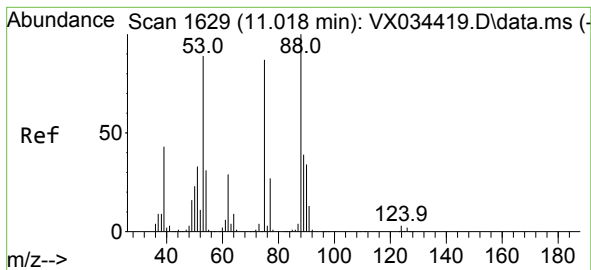
Tgt Ion:152 Resp: 212817
 Ion Ratio Lower Upper
 152 100
 115 62.8 45.0 135.0
 150 156.3 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.999 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034724.D
 Acq: 24 Mar 2023 16:29

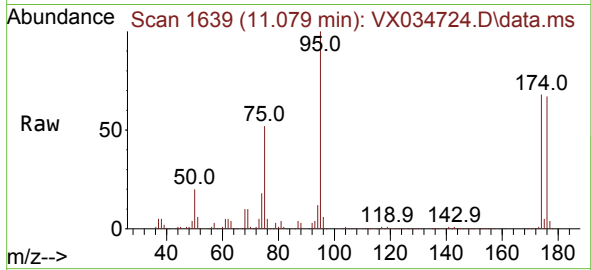
Tgt Ion: 75 Resp: 127044
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.335 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034724.D
 Acq: 24 Mar 2023 16:29

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 127044
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

