

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038421.D
 Acq On : 23 Oct 2023 10:48
 Operator : JC/MD
 Sample : VX1023WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 23:57:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

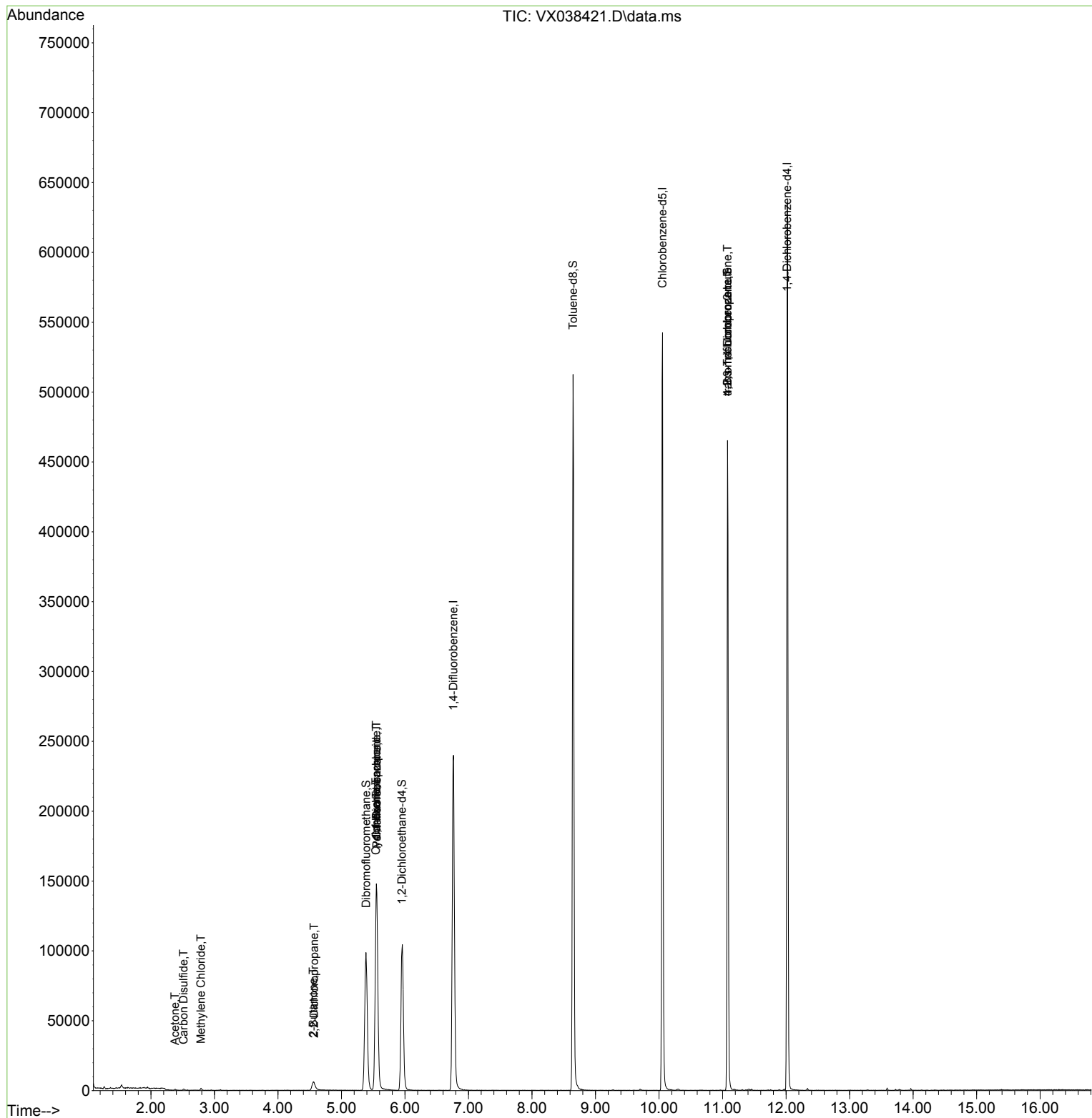
Internal Standards						
1) Pentafluorobenzene	5.556	168	141026	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	254449	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	132659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100365	44.247	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.500%
35) Dibromofluoromethane	5.385	113	84813	46.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.647	98	311832	44.508	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.020%#
62) 4-Bromofluorobenzene	11.079	95	117494	44.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.480%
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	88	Below Cal	#	3
6) Chloroethane	1.691	64	58	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	65	Below Cal	#	78
16) Acetone	2.380	43	603	0.637	ug/l #	47
17) Carbon Disulfide	2.514	76	1011	0.272	ug/l #	76
20) Methylene Chloride	2.788	84	558	0.313	ug/l	93
25) 2-Butanone	4.556	43	365	0.239	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	576	0.251	ug/l #	54
31) Cyclohexane	5.544	56	3303	1.344	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11549	4.568	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14276	5.740	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	64003	21.222	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64003	61.003	ug/l #	5

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

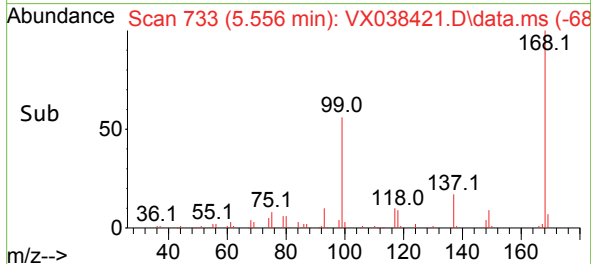
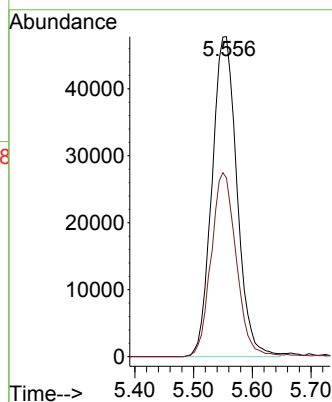
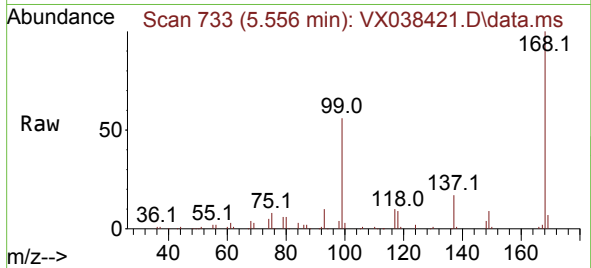




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

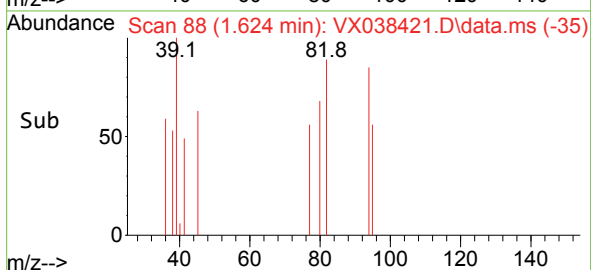
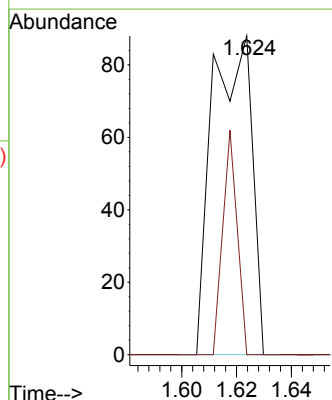
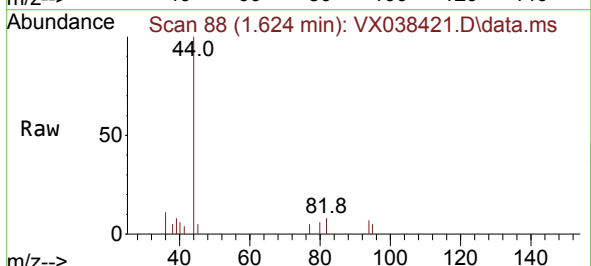
Instrument :
MSVOA_X
ClientSampleId :

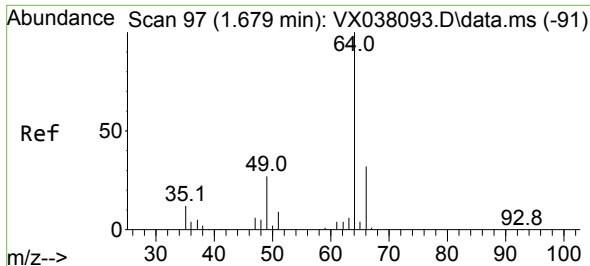
Tgt Ion:168 Resp: 141026
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

Tgt Ion: 94 Resp: 88
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

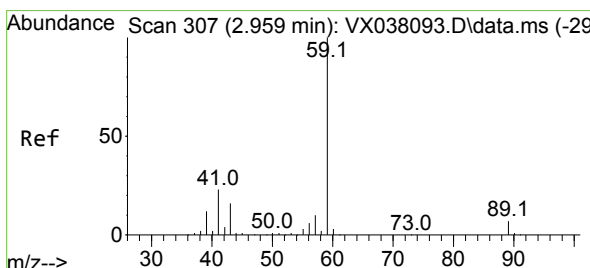
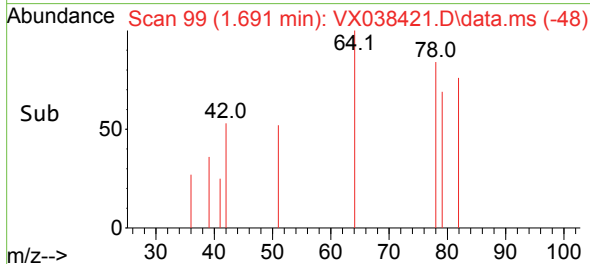
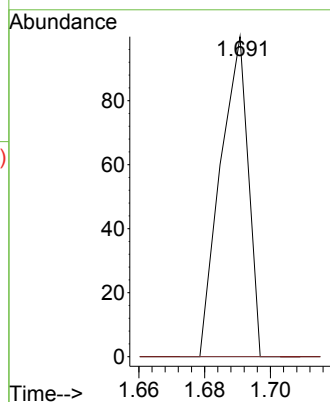
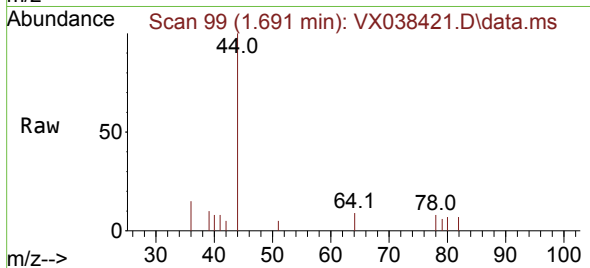




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

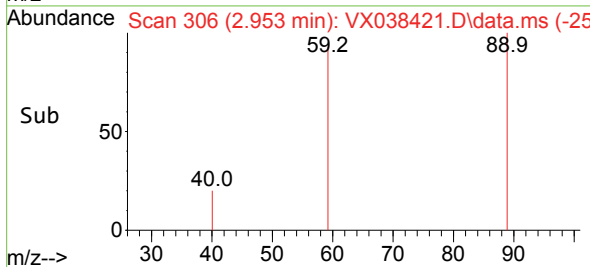
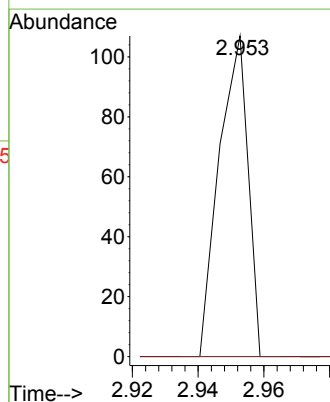
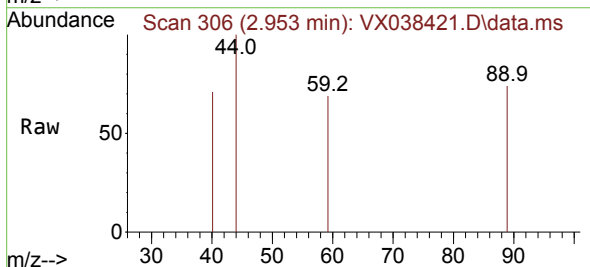
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 58
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.637 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX038421.D

Acq: 23 Oct 2023 10:48

Instrument :

MSVOA_X

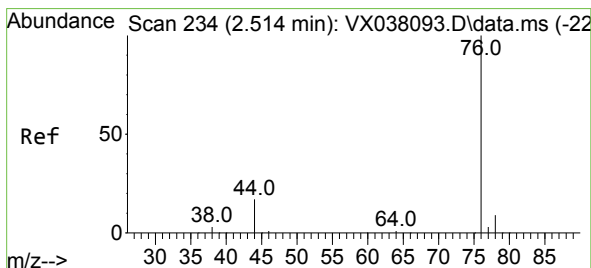
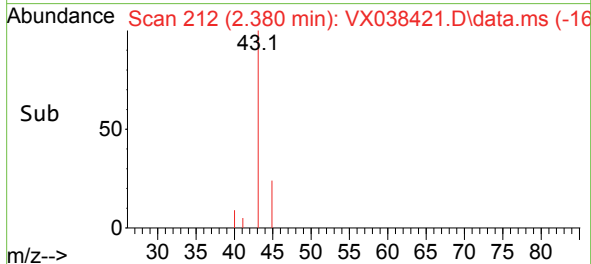
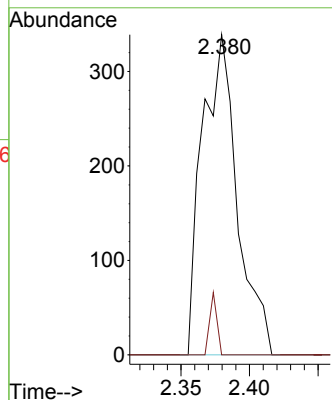
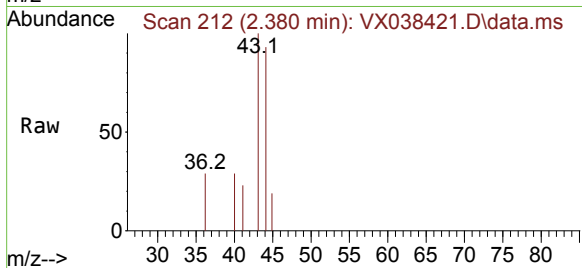
ClientSampleId :

Tgt Ion: 43 Resp: 603

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.272 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX038421.D

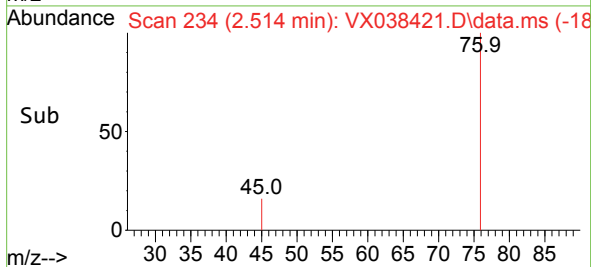
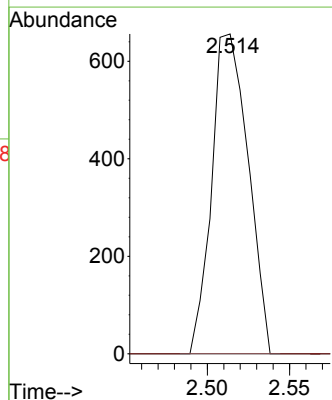
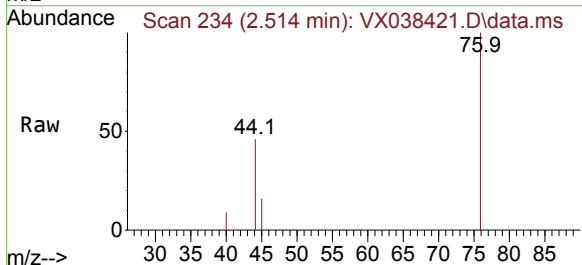
Acq: 23 Oct 2023 10:48

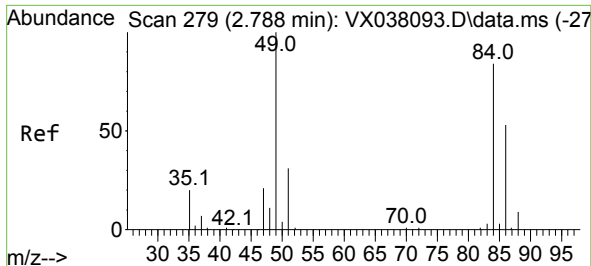
Tgt Ion: 76 Resp: 1011

Ion Ratio Lower Upper

76 100

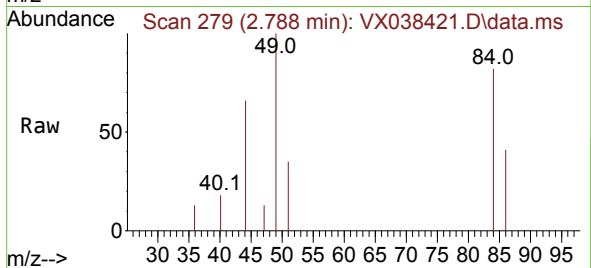
78 0.0 7.0 10.6#



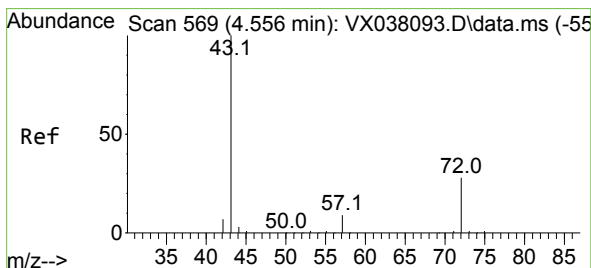
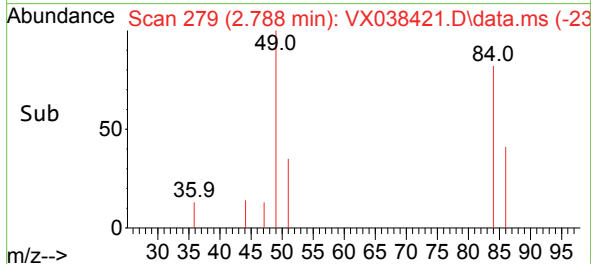
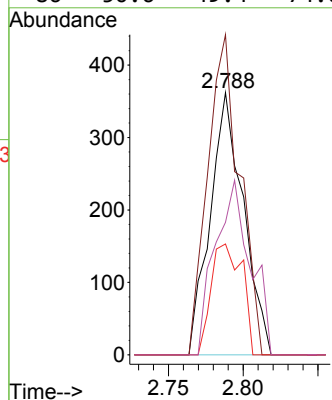


#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :

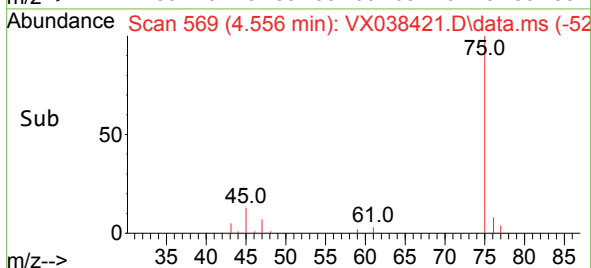
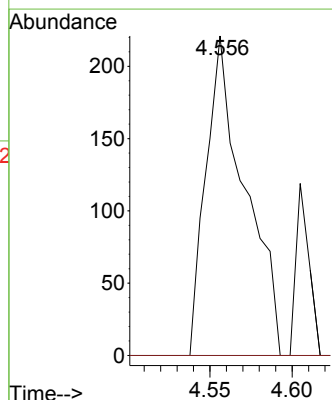
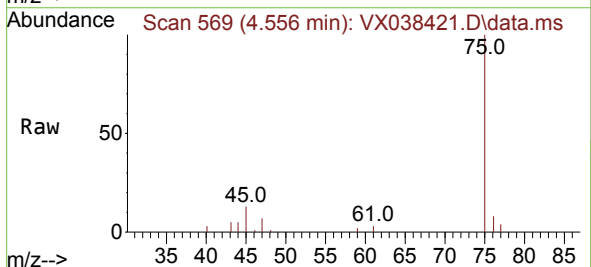


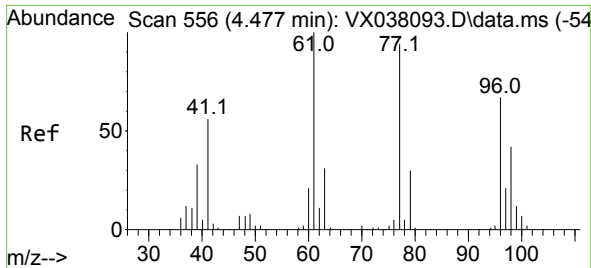
Tgt Ion: 84	Resp: 558
Ion Ratio	Lower Upper
84 100	
49 122.1	103.6 155.4
51 42.3	33.8 50.6
86 50.6	49.4 74.0



#25
2-Butanone
Concen: 0.239 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

Tgt Ion: 43	Resp: 365		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	19.4	29.2#	

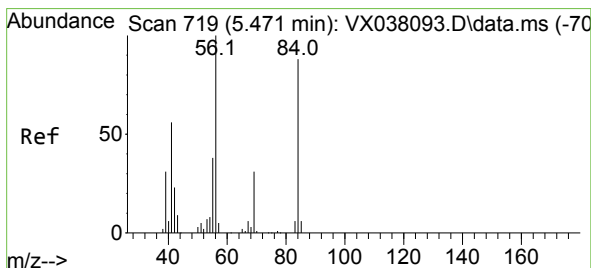
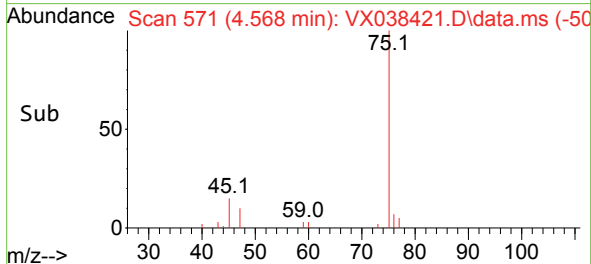
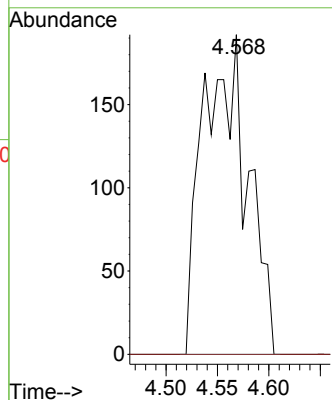
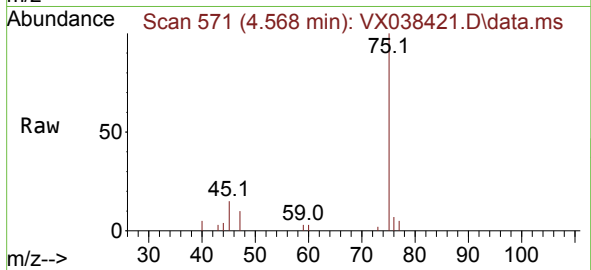




#26
2,2-Dichloropropane
Concen: 0.251 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.091 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

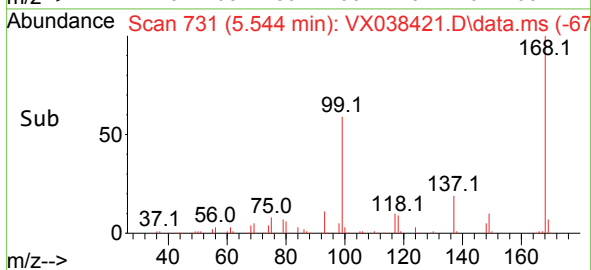
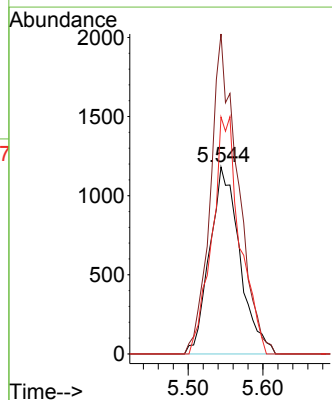
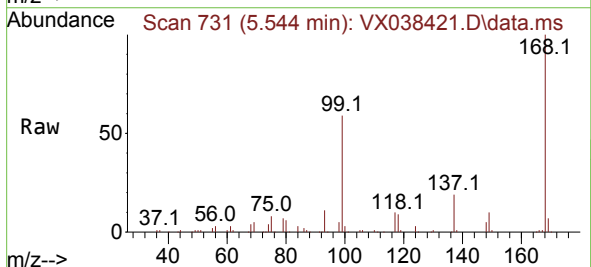
Instrument :
MSVOA_X
ClientSampleId :

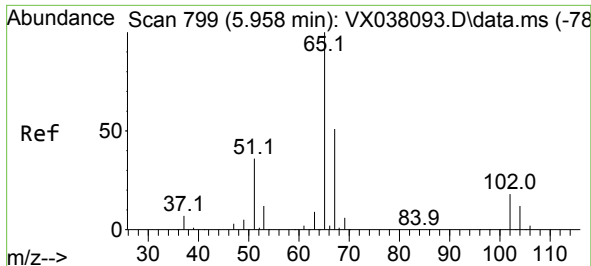
Tgt Ion: 77 Resp: 576
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.344 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

Tgt Ion: 56 Resp: 3303
Ion Ratio Lower Upper
56 100
69 171.2 23.4 35.2#
84 126.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.247 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038421.D

Acq: 23 Oct 2023 10:48

Instrument :

MSVOA_X

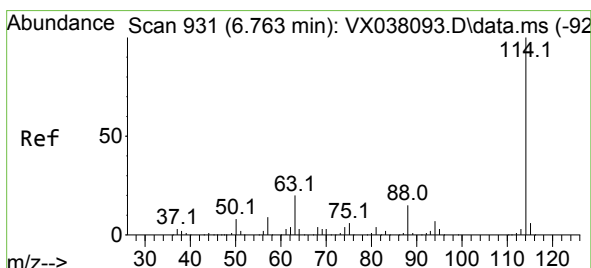
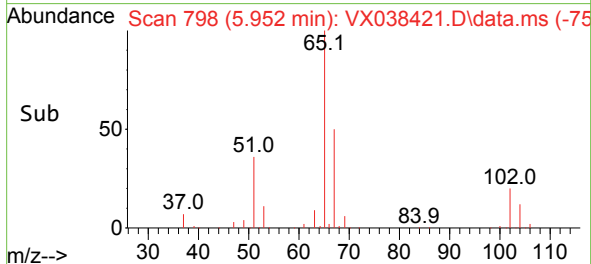
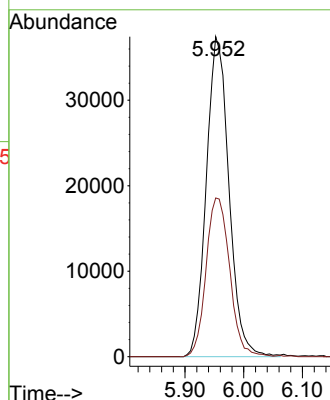
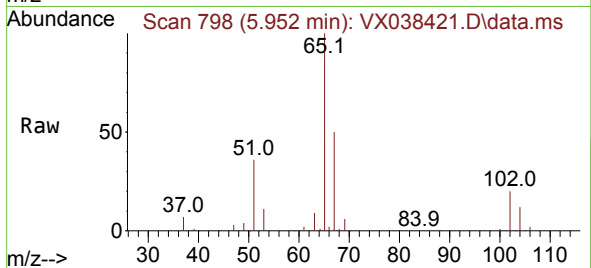
ClientSampleId :

Tgt Ion: 65 Resp: 100365

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038421.D

Acq: 23 Oct 2023 10:48

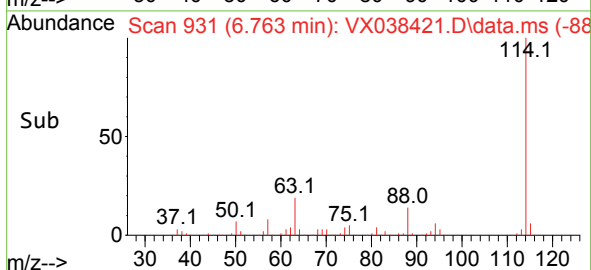
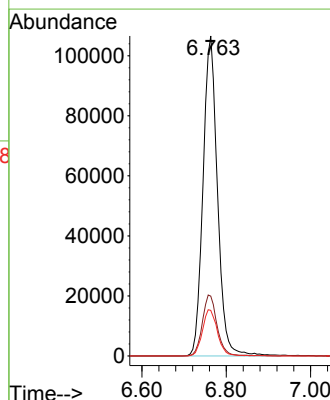
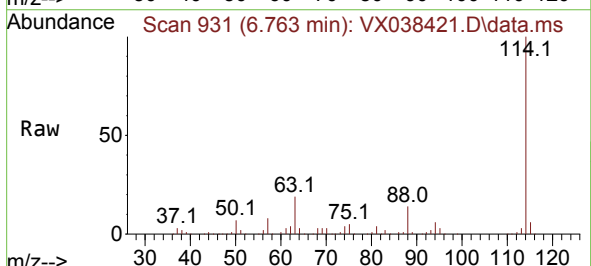
Tgt Ion: 114 Resp: 254449

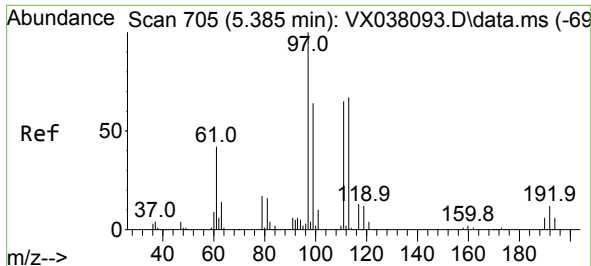
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

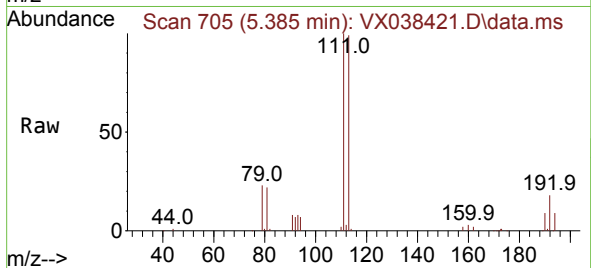
88 14.3 0.0 36.6



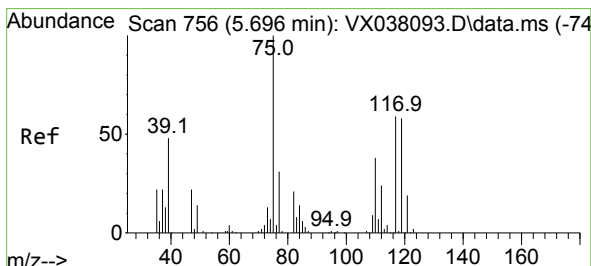
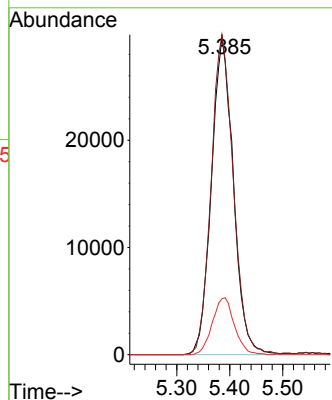
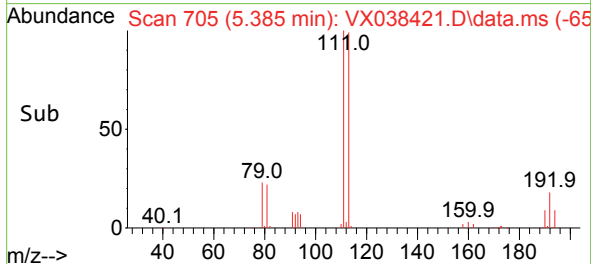


#35
Dibromofluoromethane
Concen: 46.258 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :

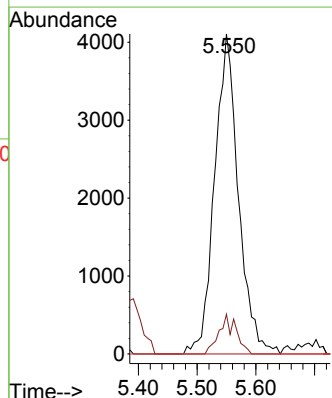
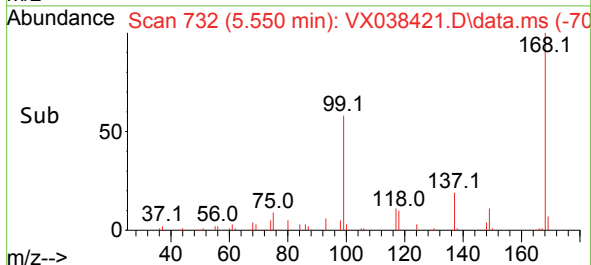
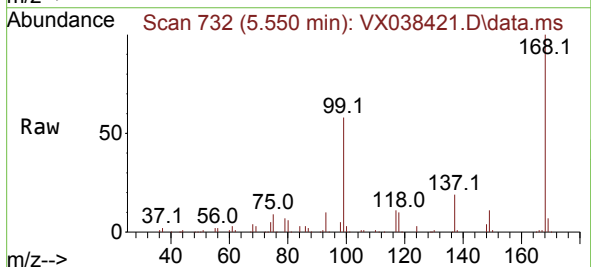


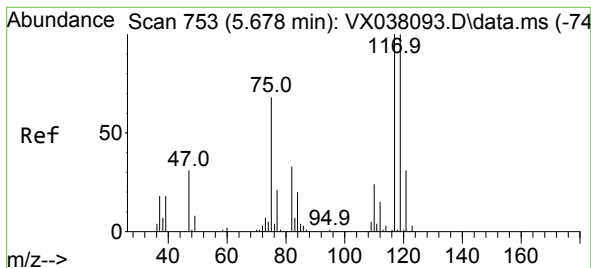
Tgt Ion:113 Resp: 84813
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.568 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038421.D
Acq: 23 Oct 2023 10:48

Tgt Ion: 75 Resp: 11549
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.740 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

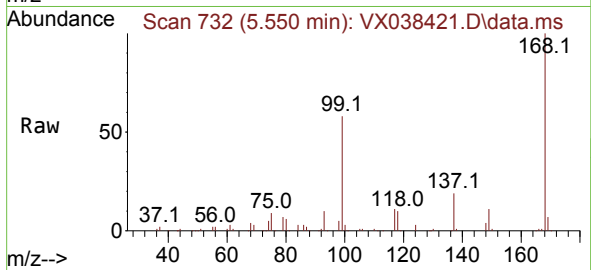
Lab File: VX038421.D

Acq: 23 Oct 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :



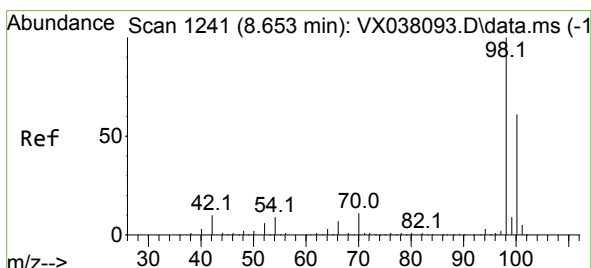
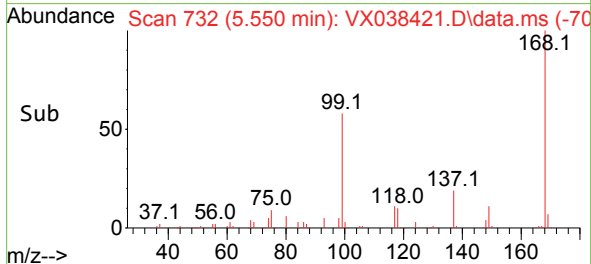
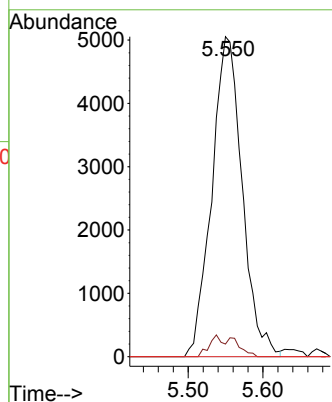
Tgt Ion:117 Resp: 14276

Ion Ratio Lower Upper

117 100

119 4.0 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 44.508 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038421.D

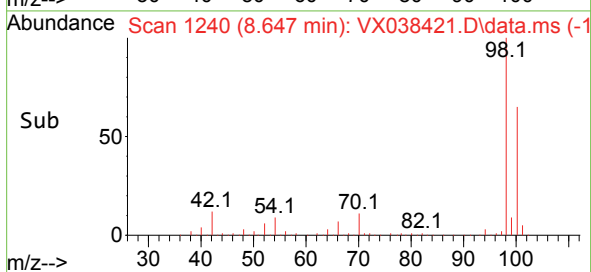
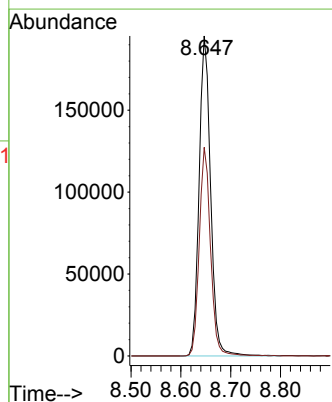
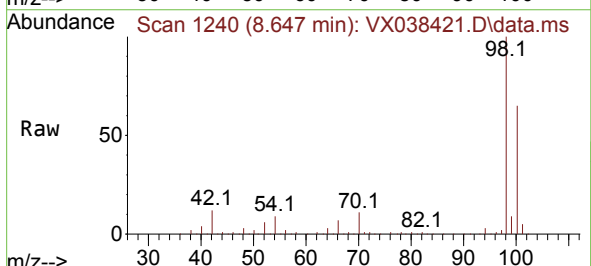
Acq: 23 Oct 2023 10:48

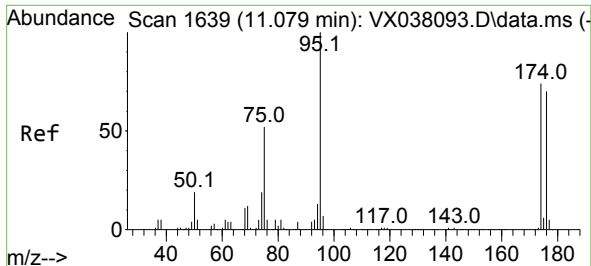
Tgt Ion: 98 Resp: 311832

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.236 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038421.D

Acq: 23 Oct 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

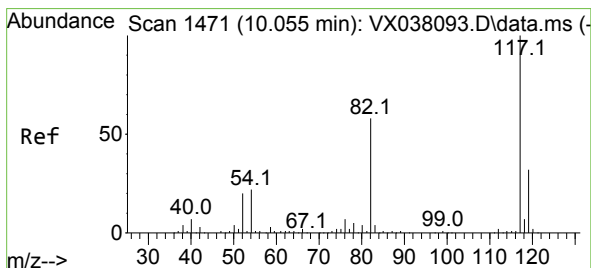
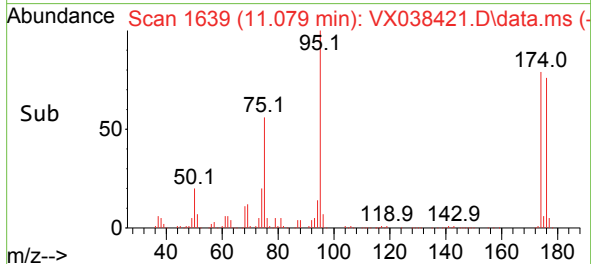
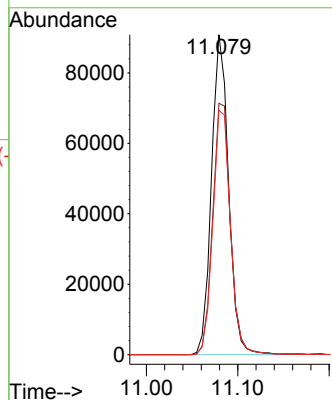
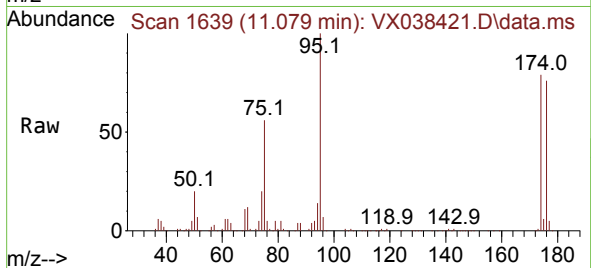
Tgt Ion: 95 Resp: 117494

Ion Ratio Lower Upper

95 100

174 82.1 0.0 135.6

176 79.0 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038421.D

Acq: 23 Oct 2023 10:48

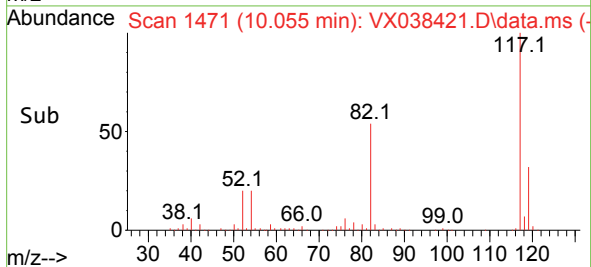
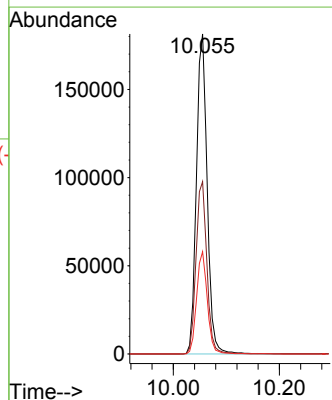
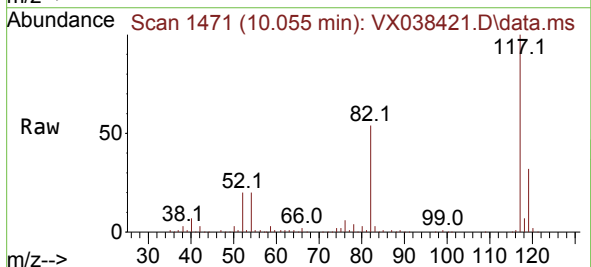
Tgt Ion: 117 Resp: 255410

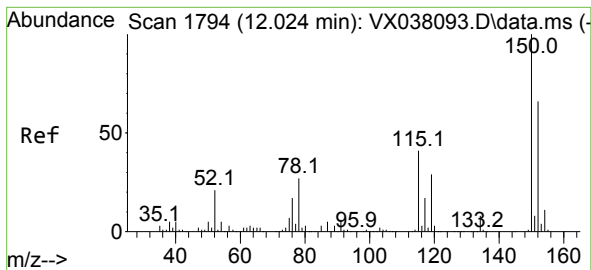
Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038421.D

Acq: 23 Oct 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

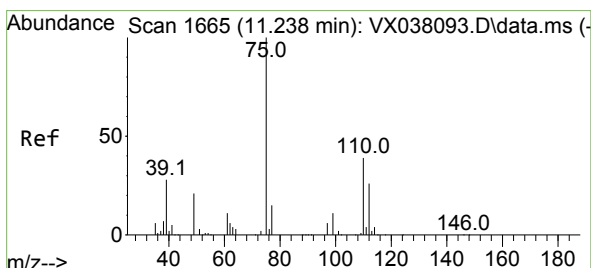
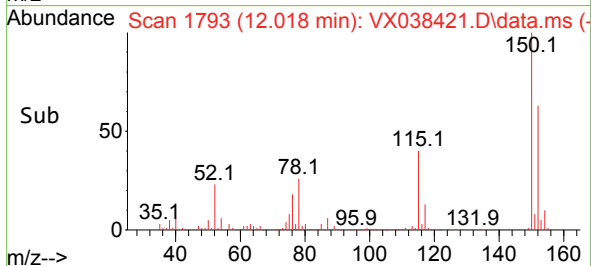
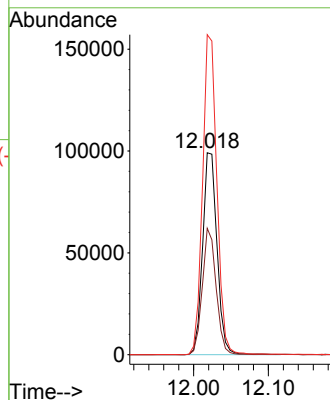
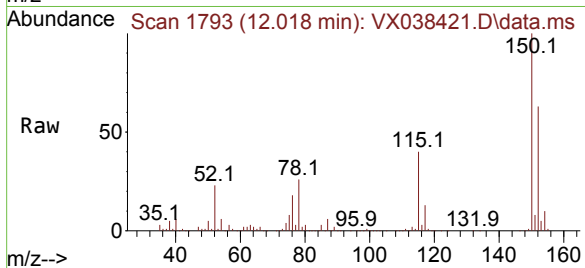
Tgt Ion:152 Resp: 132659

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 157.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.222 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038421.D

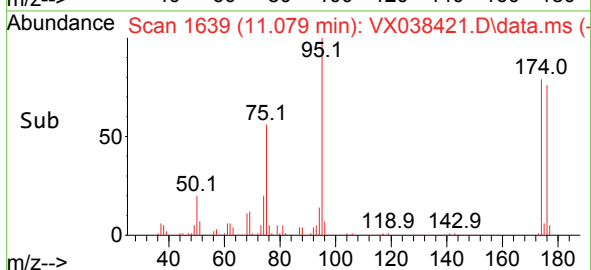
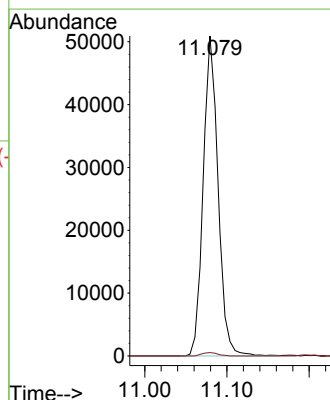
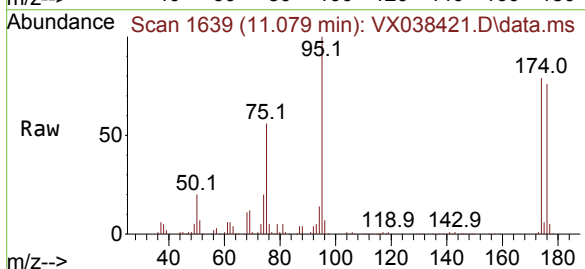
Acq: 23 Oct 2023 10:48

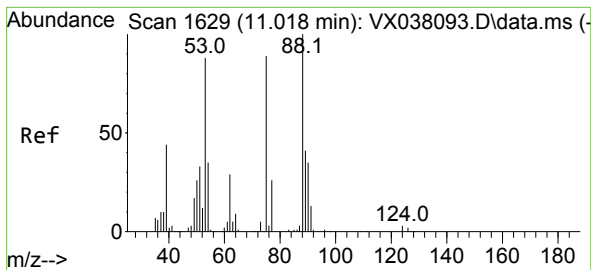
Tgt Ion: 75 Resp: 64003

Ion Ratio Lower Upper

75 100

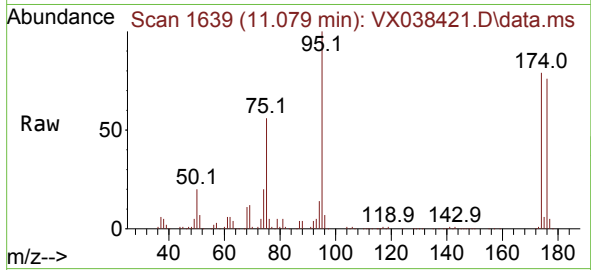
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.003 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038421.D
 Acq: 23 Oct 2023 10:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 64003
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

