

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038428.D
 Acq On : 23 Oct 2023 13:32
 Operator : JC/MD
 Sample : 05007-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:01:27 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)

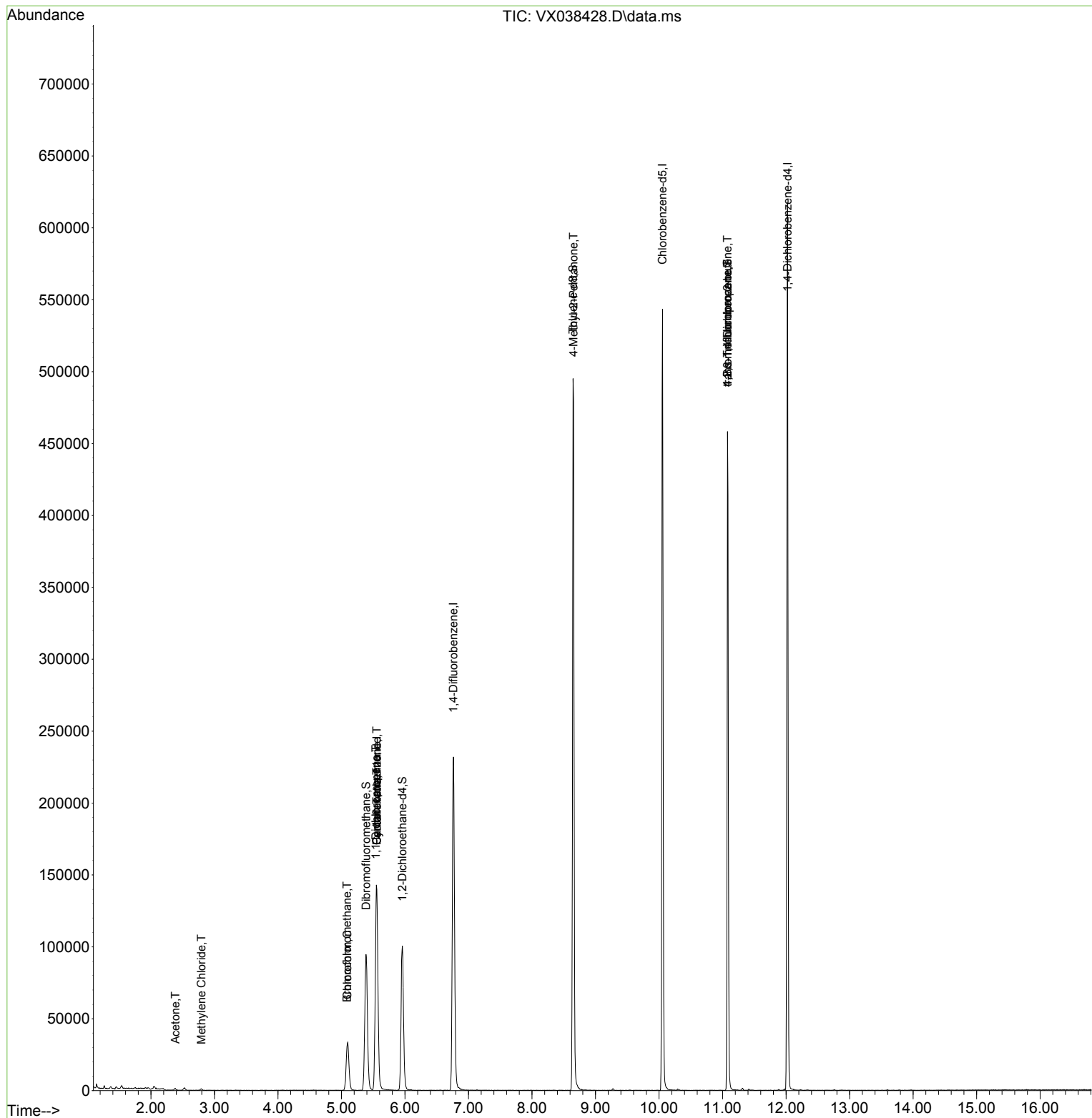
Internal Standards						
1) Pentafluorobenzene	5.556	168	137943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246895	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97670	44.021	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.040%
35) Dibromofluoromethane	5.385	113	82683	46.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	309866	45.581	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.160%#
62) 4-Bromofluorobenzene	11.079	95	117160	45.459	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.920%
Target Compounds						
					Qvalue	
5) Bromomethane	1.544	94	102	Below Cal	#	3
6) Chloroethane	1.709	64	21	Below Cal	#	43
16) Acetone	2.386	43	1495	1.615	ug/l	92
20) Methylene Chloride	2.794	84	502	0.288	ug/l #	84
28) Bromochloromethane	5.086	49	3108	2.398	ug/l #	16
30) Chloroform	5.092	83	40165	12.792	ug/l	99
31) Cyclohexane	5.556	56	3125	1.300	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	10815	4.408	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14568	6.036	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1339	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	63460	21.060	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	63460	60.568	ug/l #	5

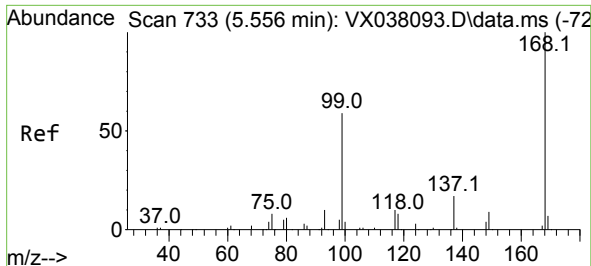
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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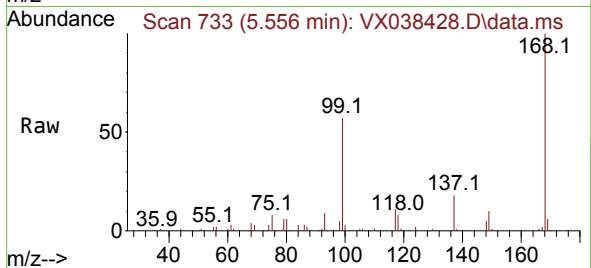
Quant Time: Oct 24 00:01:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



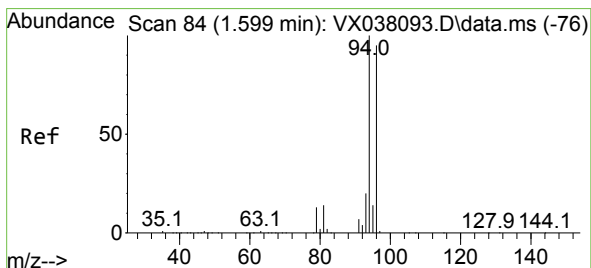
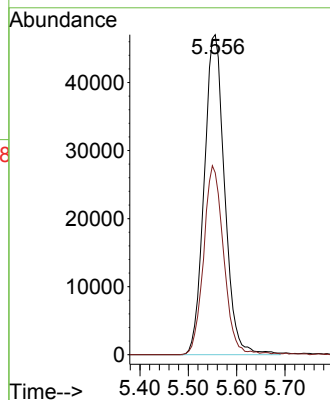
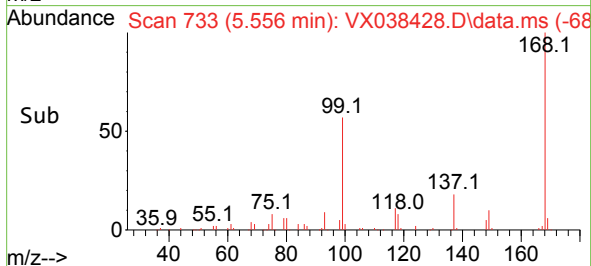


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038428.D
Acq: 23 Oct 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

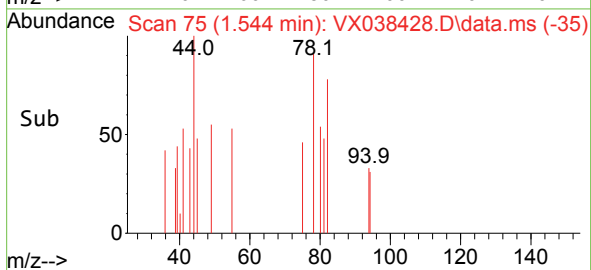
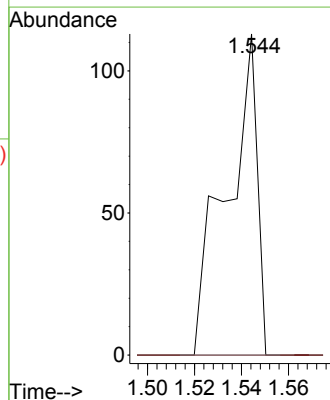
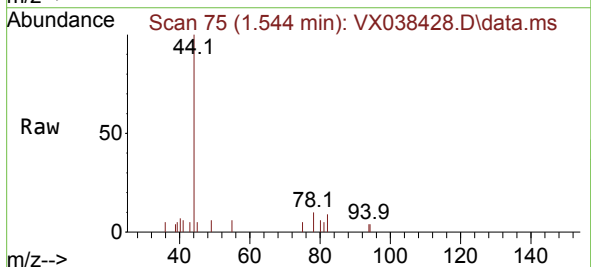


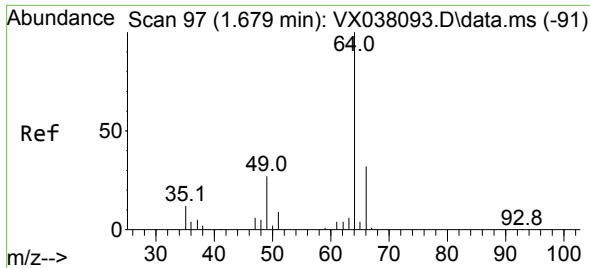
Tgt Ion:168 Resp: 137943
Ion Ratio Lower Upper
168 100
99 56.8 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 75
Delta R.T. -0.055 min
Lab File: VX038428.D
Acq: 23 Oct 2023 13:32

Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

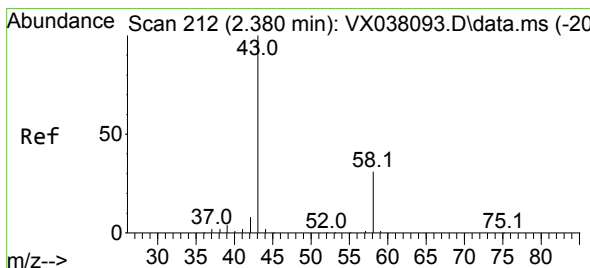
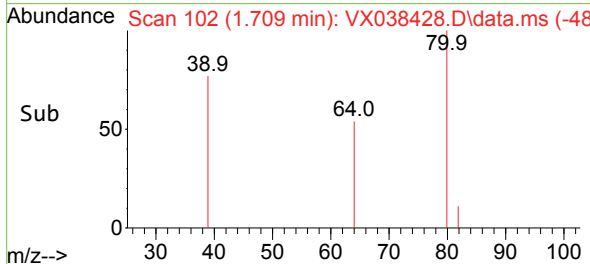
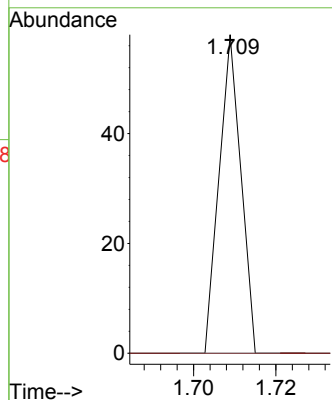
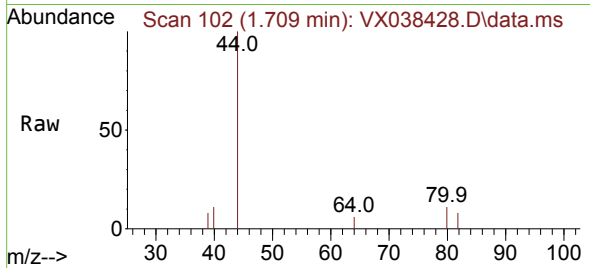




#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX038428.D
Acq: 23 Oct 2023 13:32

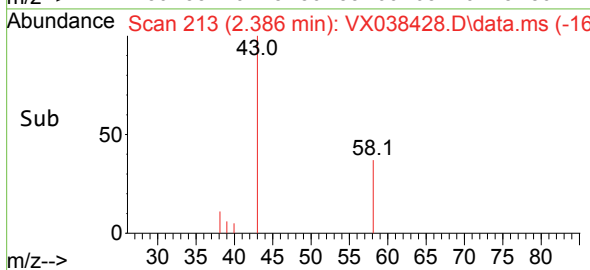
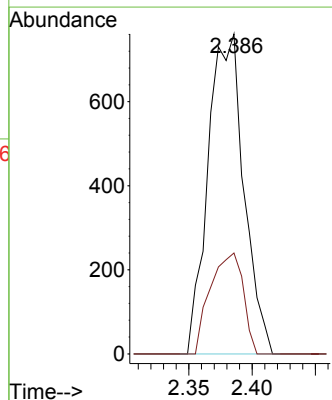
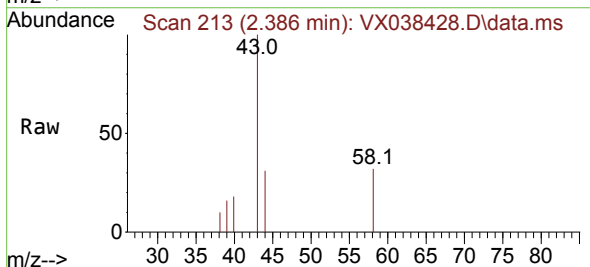
Instrument :
MSVOA_X
ClientSampleId :

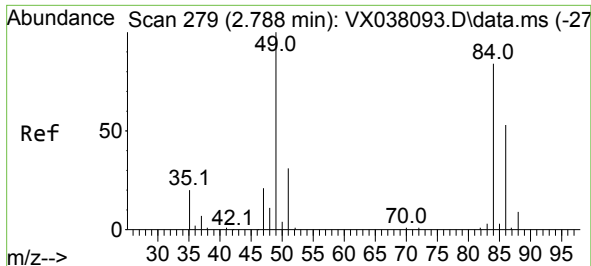
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.615 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX038428.D
Acq: 23 Oct 2023 13:32

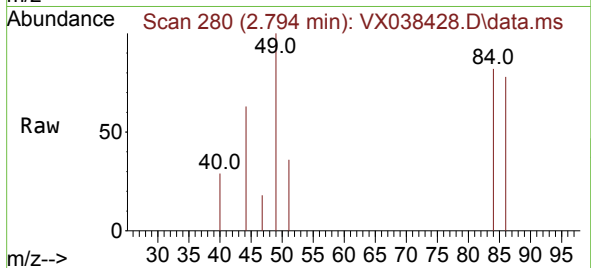
Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





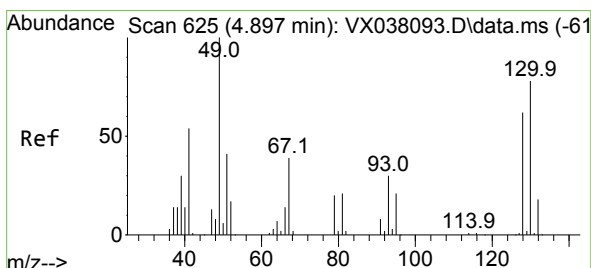
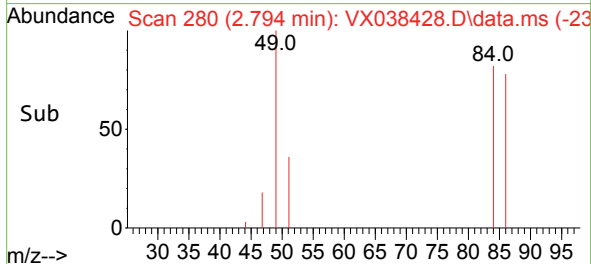
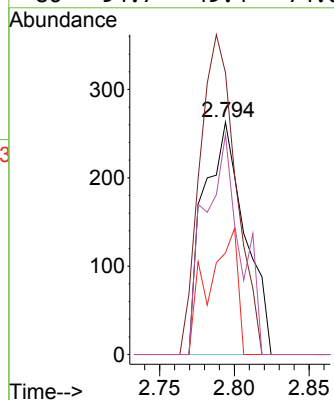
#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038428.D
Acq: 23 Oct 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 502

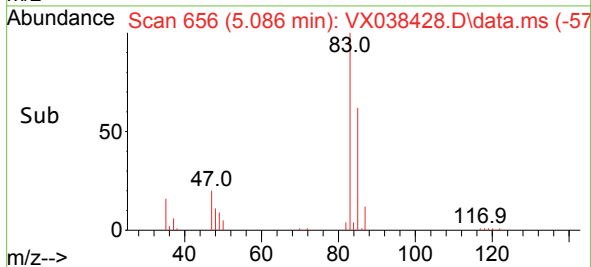
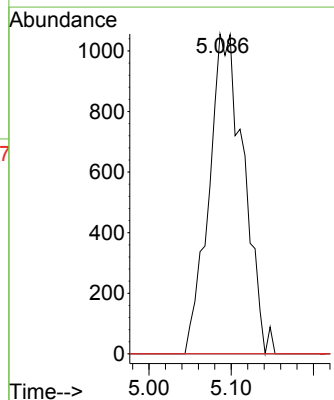
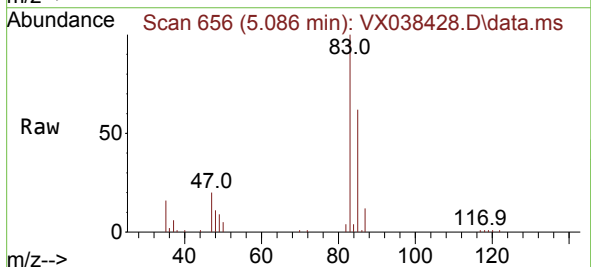
Ion	Ratio	Lower	Upper
84	100		
49	121.3	103.6	155.4
51	43.7	33.8	50.6
86	94.7	49.4	74.0

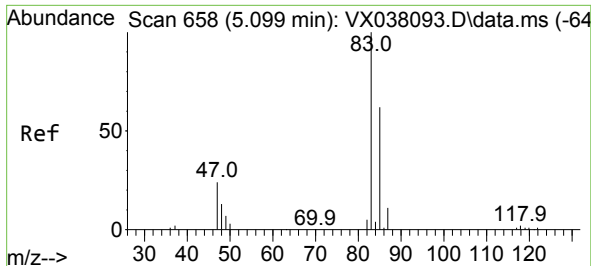


#28
Bromochloromethane
Concen: 2.398 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.189 min
Lab File: VX038428.D
Acq: 23 Oct 2023 13:32

Tgt Ion: 49 Resp: 3108

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	57.5	86.3





#30

Chloroform

Concen: 12.792 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX038428.D

Acq: 23 Oct 2023 13:32

Instrument :

MSVOA_X

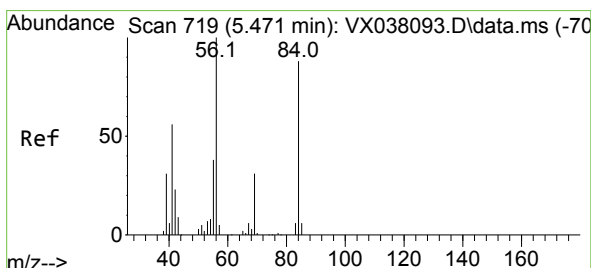
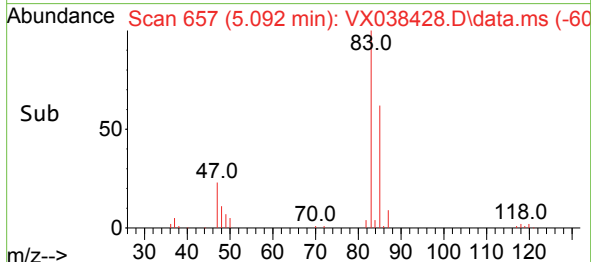
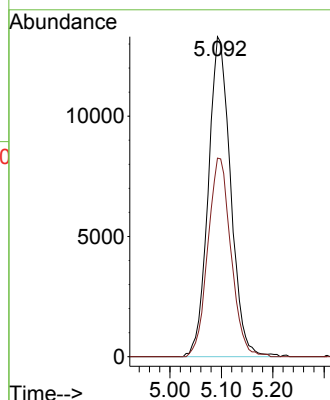
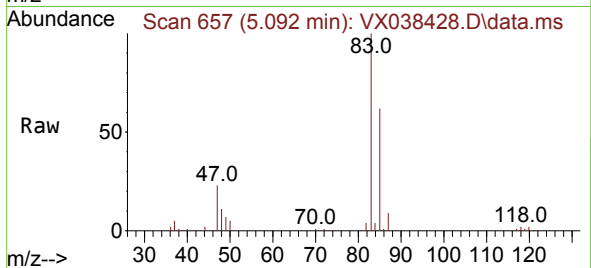
ClientSampleId :

Tgt Ion: 83 Resp: 40165

Ion Ratio Lower Upper

83 100

85 62.1 50.3 75.5



#31

Cyclohexane

Concen: 1.300 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038428.D

Acq: 23 Oct 2023 13:32

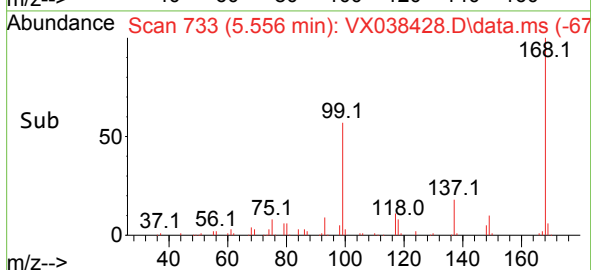
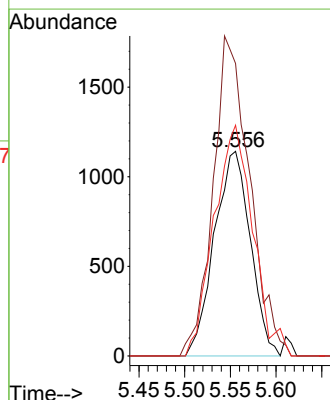
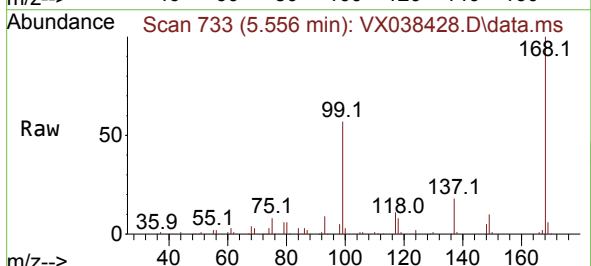
Tgt Ion: 56 Resp: 3125

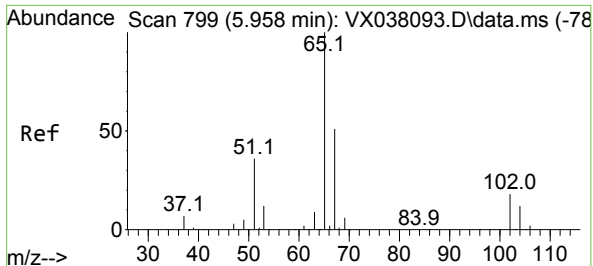
Ion Ratio Lower Upper

56 100

69 142.9 23.4 35.2#

84 112.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.021 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038428.D

Acq: 23 Oct 2023 13:32

Instrument :

MSVOA_X

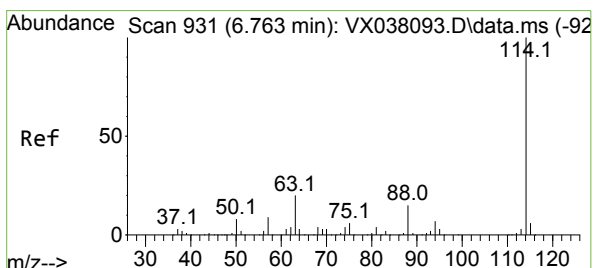
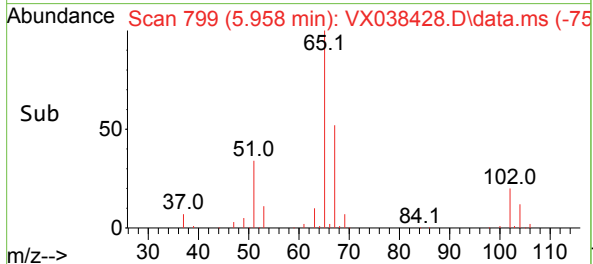
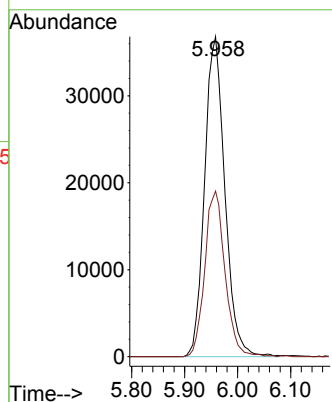
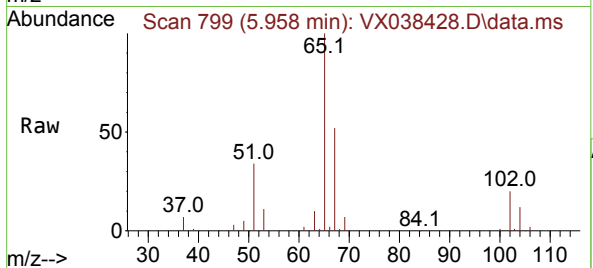
ClientSampleId :

Tgt Ion: 65 Resp: 97670

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: VX038428.D

Acq: 23 Oct 2023 13:32

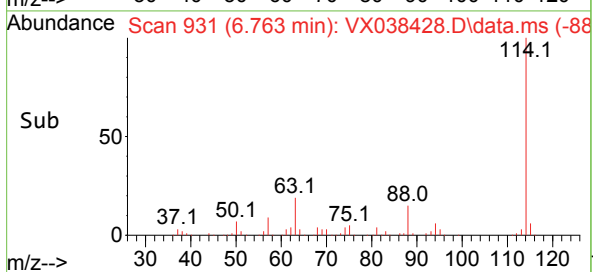
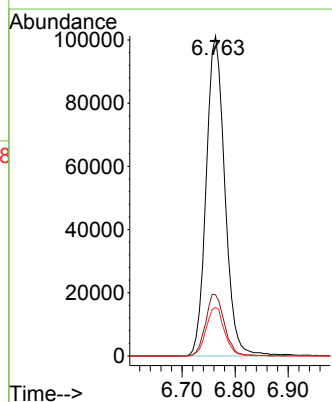
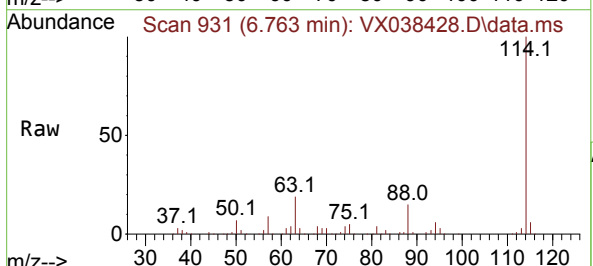
Tgt Ion: 114 Resp: 246895

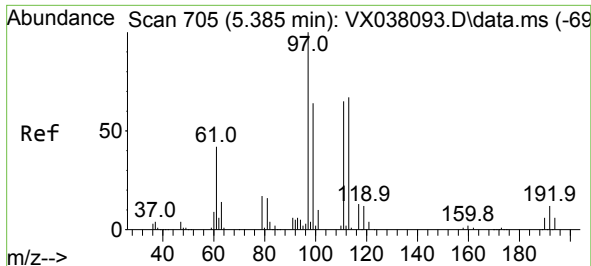
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

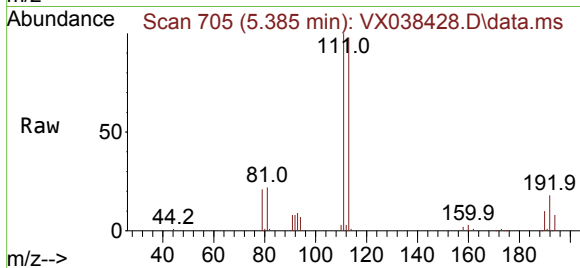
88 15.2 0.0 36.6



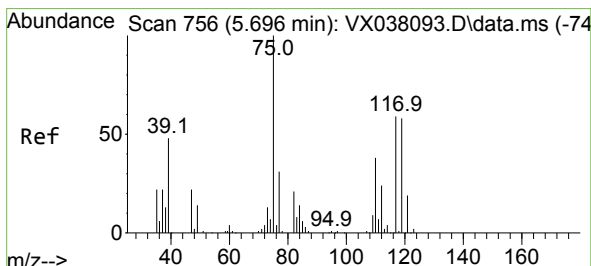
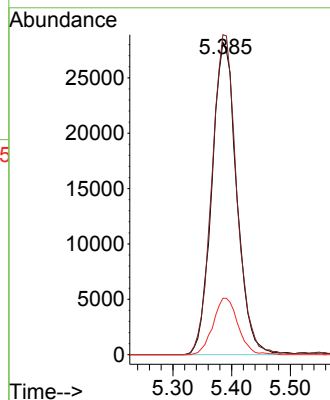
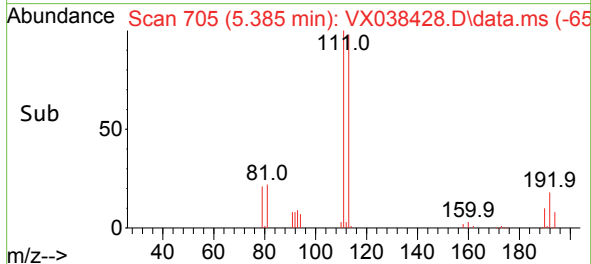


#35
Dibromofluoromethane
Concen: 46.476 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038428.D
Acq: 23 Oct 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :

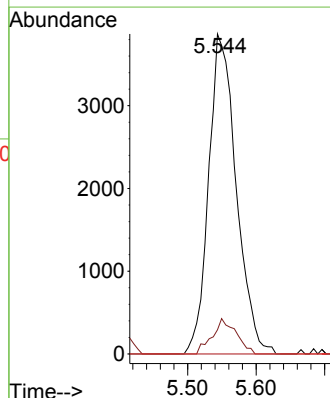
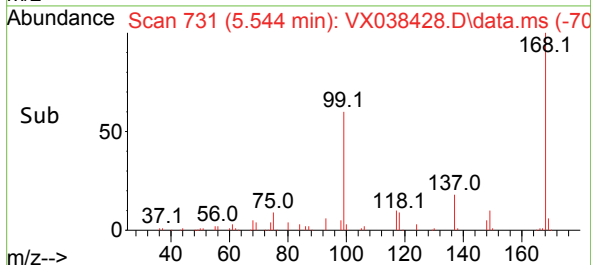
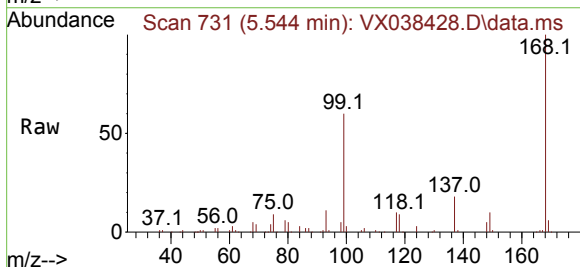


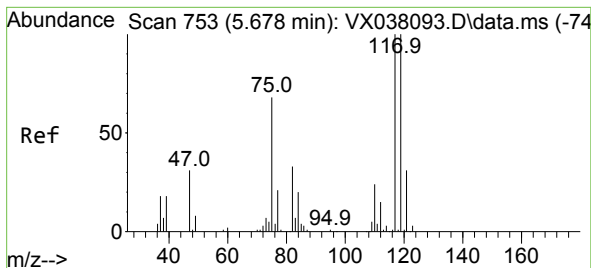
Tgt Ion:113 Resp: 82683
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX038428.D
Acq: 23 Oct 2023 13:32

Tgt Ion: 75 Resp: 10815
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.036 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

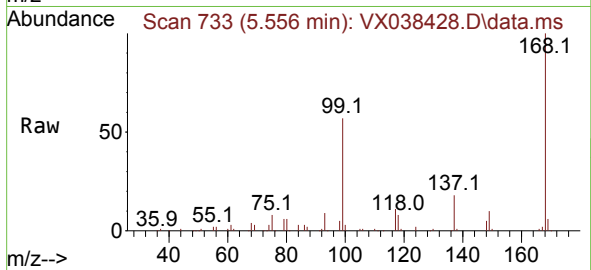
Lab File: VX038428.D

Acq: 23 Oct 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :



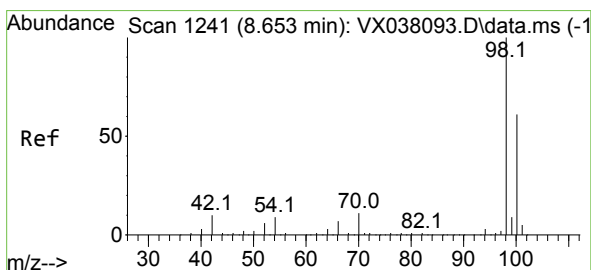
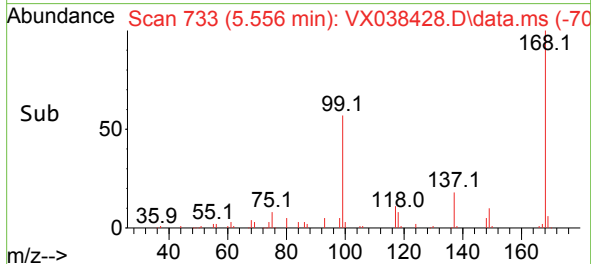
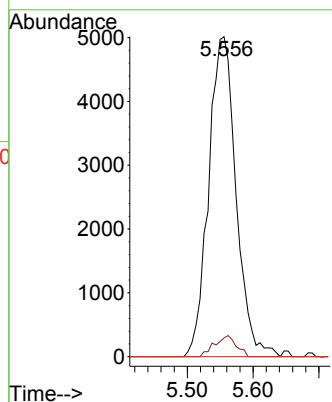
Tgt Ion:117 Resp: 14568

Ion Ratio Lower Upper

117 100

119 5.9 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 45.581 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038428.D

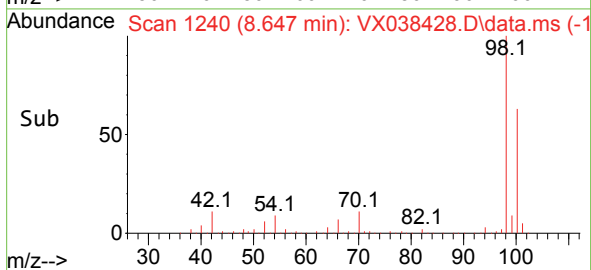
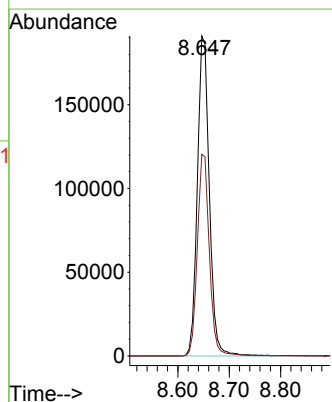
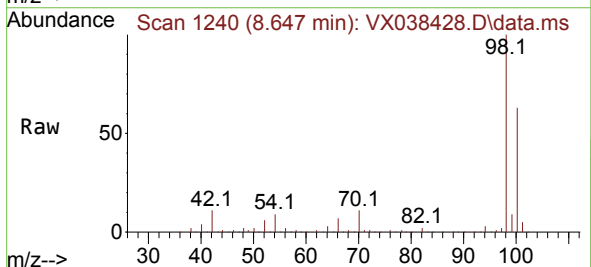
Acq: 23 Oct 2023 13:32

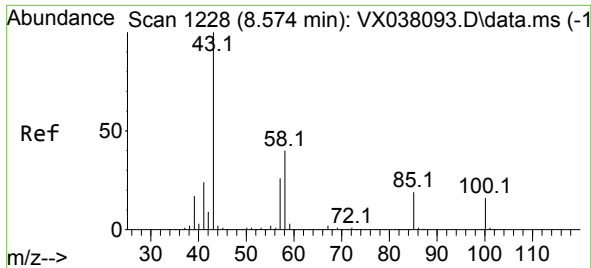
Tgt Ion: 98 Resp: 309866

Ion Ratio Lower Upper

98 100

100 63.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.446 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

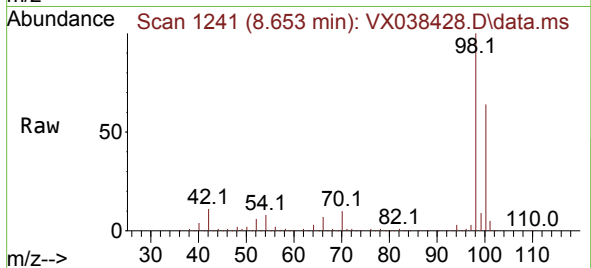
Lab File: VX038428.D

Acq: 23 Oct 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

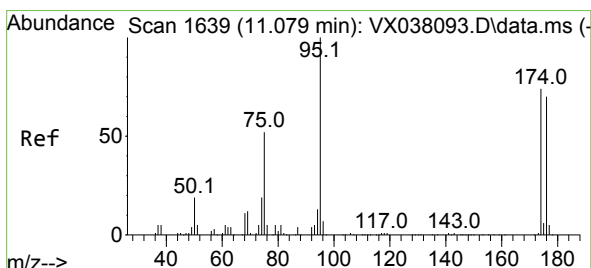
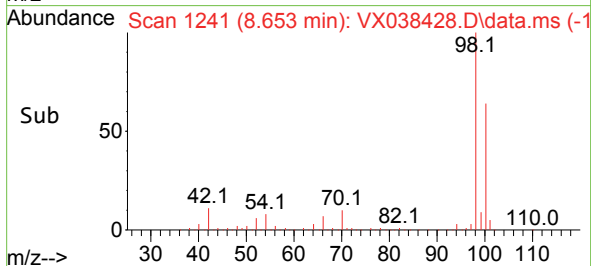
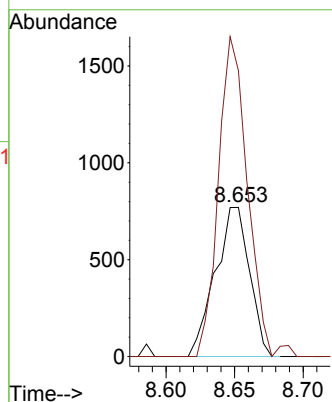


Tgt Ion: 43 Resp: 1339

Ion Ratio Lower Upper

43 100

58 183.0 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 45.459 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038428.D

Acq: 23 Oct 2023 13:32

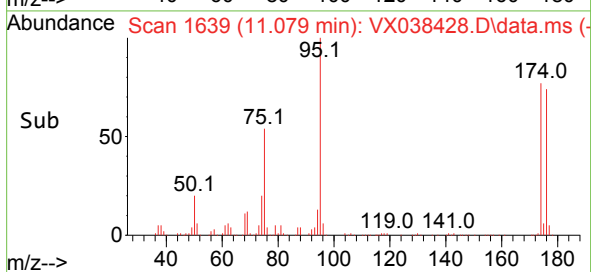
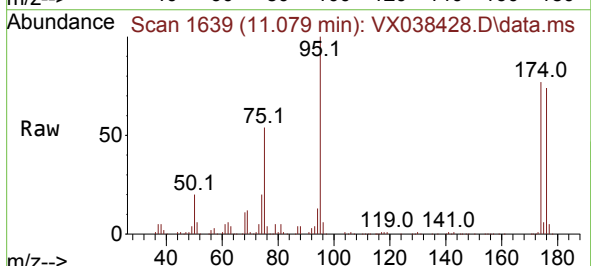
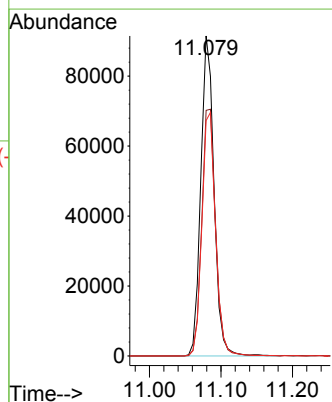
Tgt Ion: 95 Resp: 117160

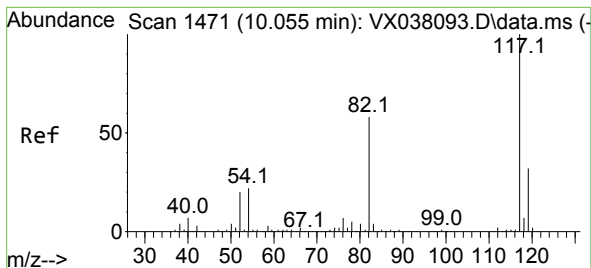
Ion Ratio Lower Upper

95 100

174 81.2 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: VX038428.D

Acq: 23 Oct 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

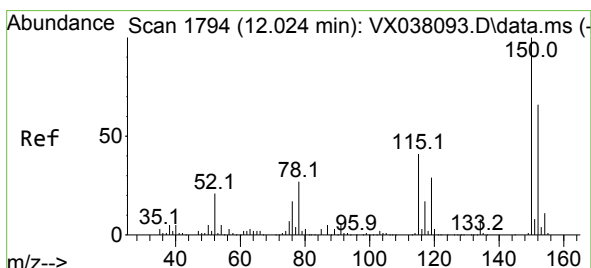
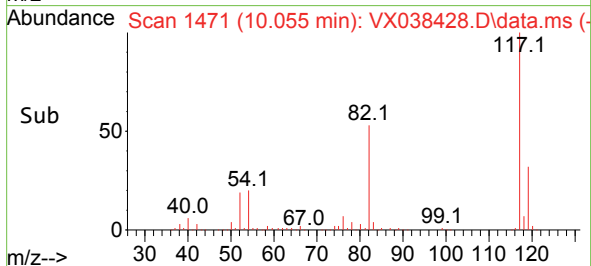
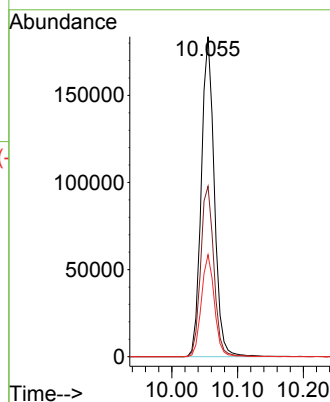
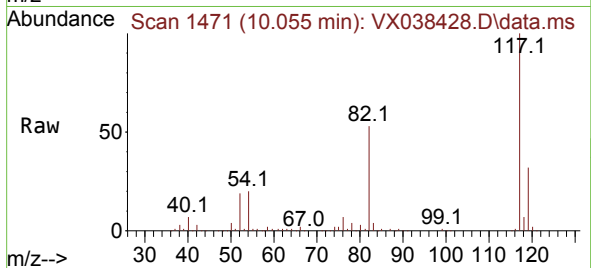
Tgt Ion:117 Resp: 252075

Ion Ratio Lower Upper

117 100

82 53.2 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038428.D

Acq: 23 Oct 2023 13:32

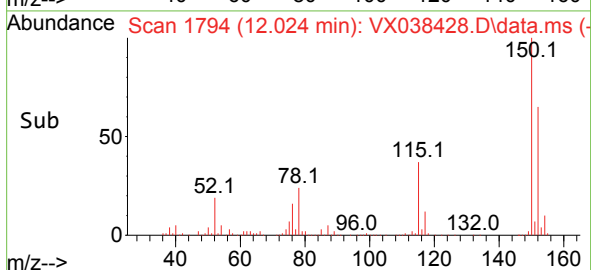
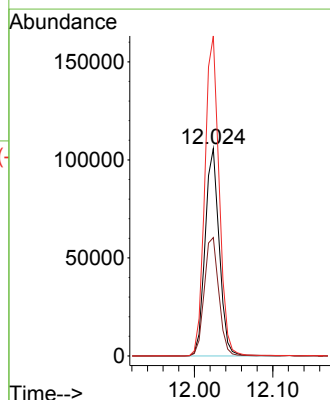
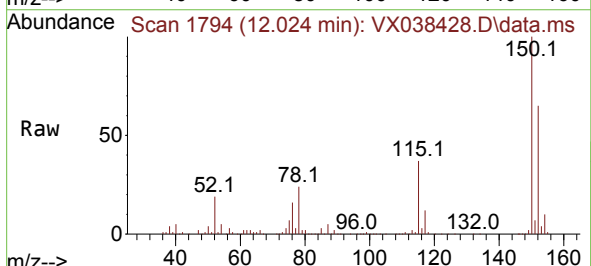
Tgt Ion:152 Resp: 132545

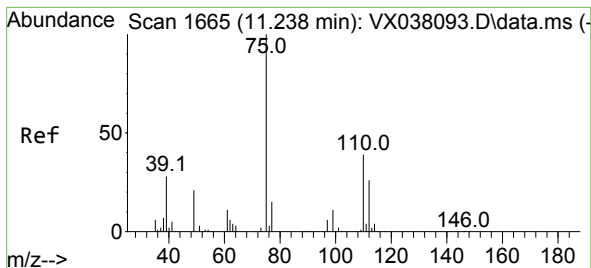
Ion Ratio Lower Upper

152 100

115 59.0 43.3 129.9

150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.060 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038428.D

Acq: 23 Oct 2023 13:32

Instrument :

MSVOA_X

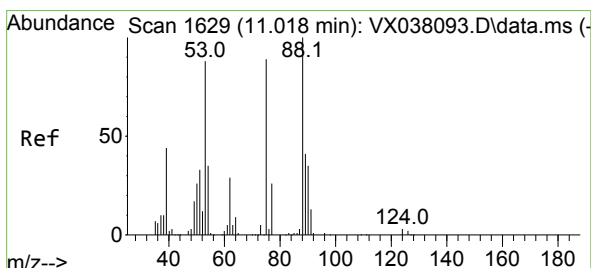
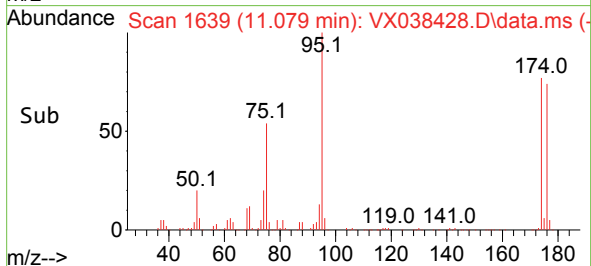
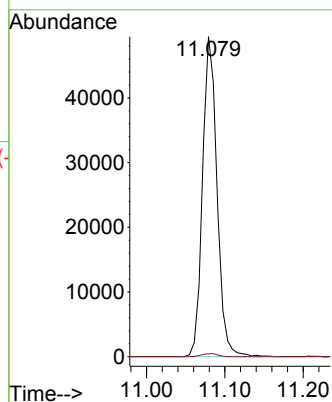
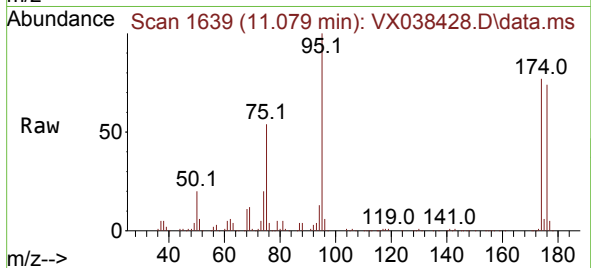
ClientSampleId :

Tgt Ion: 75 Resp: 63460

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.568 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038428.D

Acq: 23 Oct 2023 13:32

Tgt Ion: 75 Resp: 63460

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

