

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038251.D
 Acq On : 12 Oct 2023 13:01
 Operator : JC/MD
 Sample : 04803-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:46:59 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)

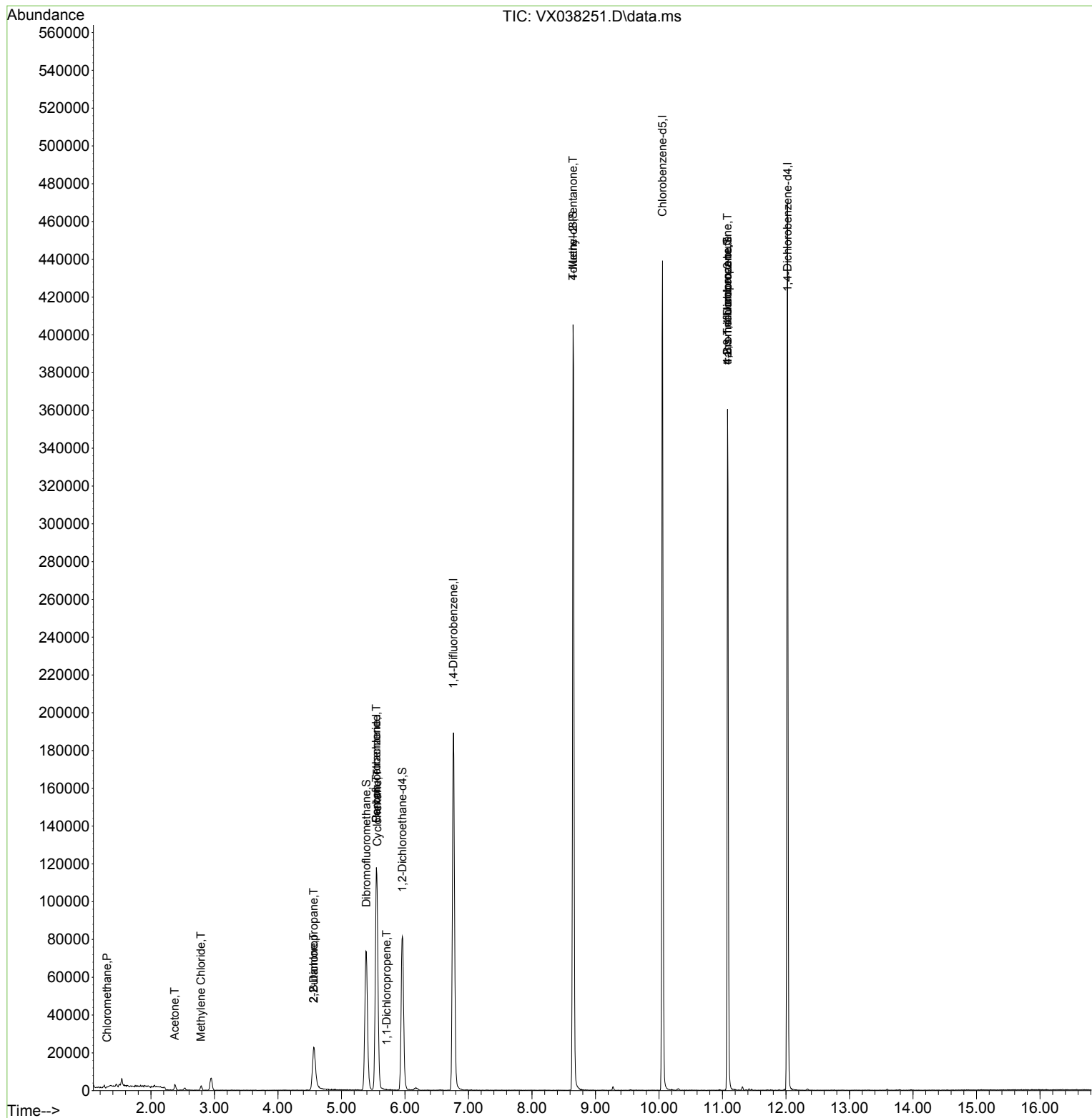
Internal Standards						
1) Pentafluorobenzene	5.550	168	111107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81219	45.448	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.900%
35) Dibromofluoromethane	5.391	113	64252	45.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	8.647	98	245176	45.902	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.800%#
62) 4-Bromofluorobenzene	11.079	95	90303	44.596	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	242	0.221	ug/l #	43
5) Bromomethane	1.593	94	19	Below Cal	#	3
6) Chloroethane	1.666	64	49	Below Cal	#	43
16) Acetone	2.374	43	3230	4.331	ug/l	98
20) Methylene Chloride	2.788	84	1017	0.725	ug/l	88
25) 2-Butanone	4.562	43	1460	1.213	ug/l #	75
26) 2,2-Dichloropropane	4.562	77	1942	1.076	ug/l #	54
31) Cyclohexane	5.562	56	2856	1.475	ug/l #	39
36) 1,1-Dichloropropene	5.708	75	437	0.227	ug/l #	42
38) Carbon Tetrachloride	5.550	117	11637	6.137	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1247	0.529	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50615	22.852	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50615	65.378	ug/l #	5

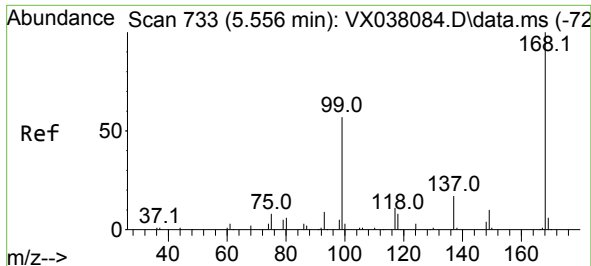
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 05 15:27:13 2023
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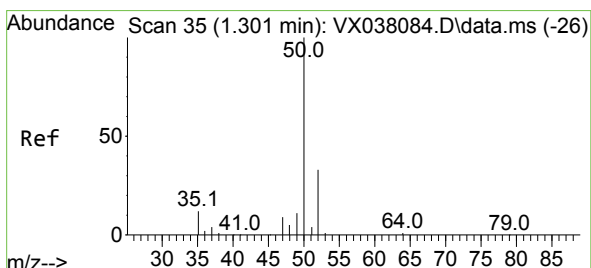
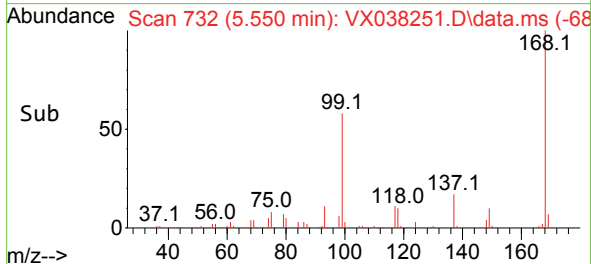
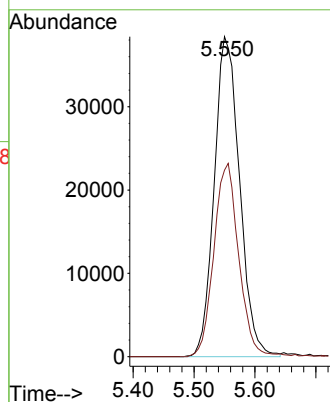
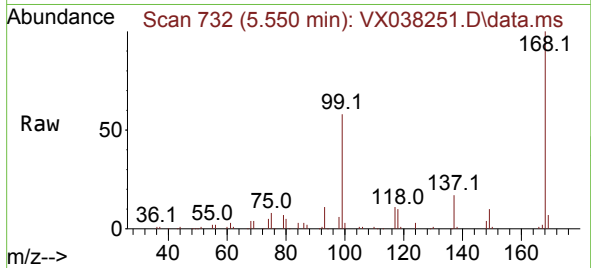




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

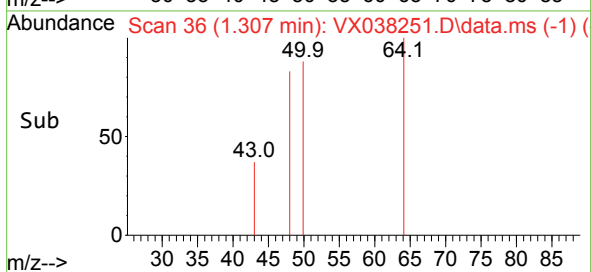
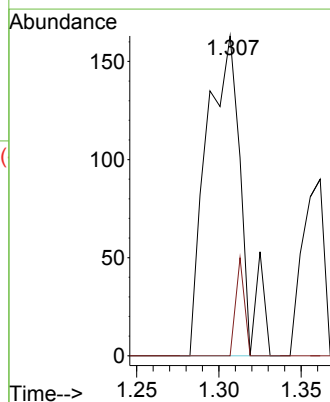
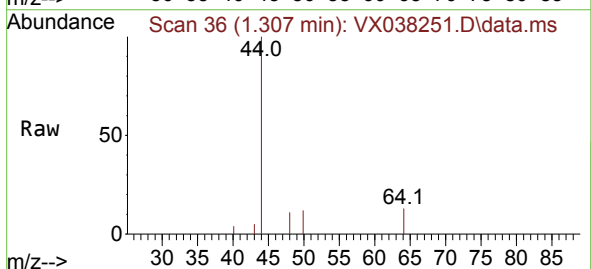
Instrument :
MSVOA_X
ClientSampleId :

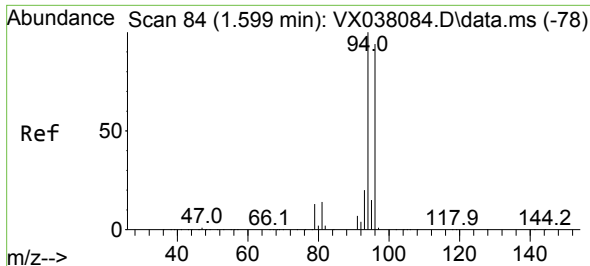
Tgt Ion:168 Resp: 111107
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#3
Chloromethane
Concen: 0.221 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

Tgt Ion: 50 Resp: 242
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

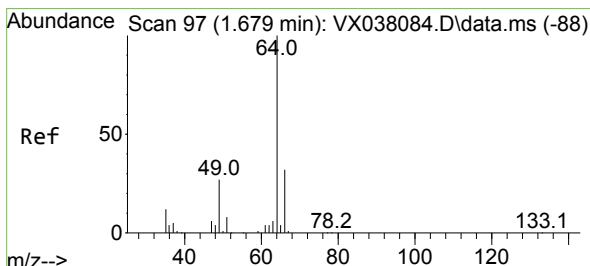
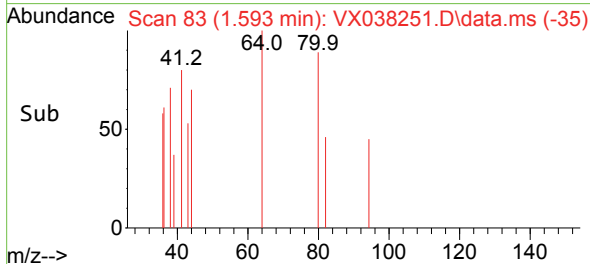
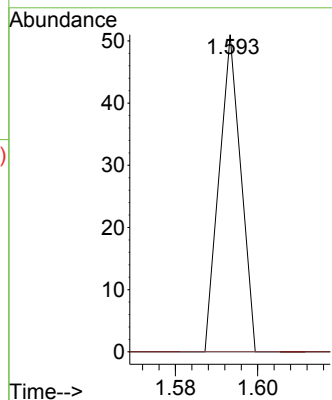
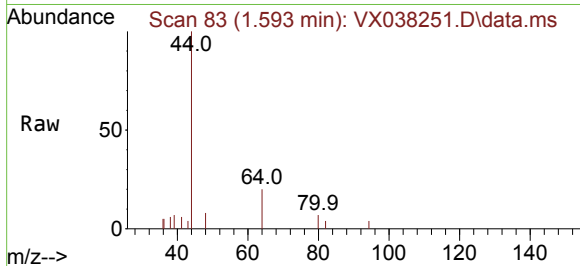




#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

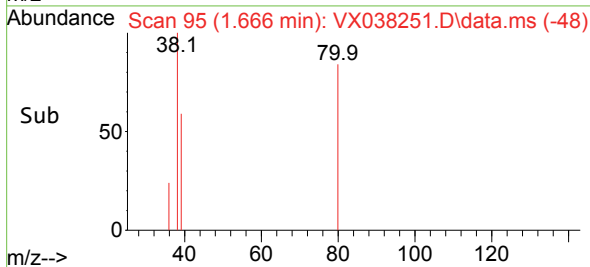
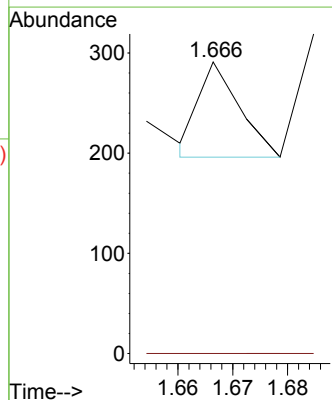
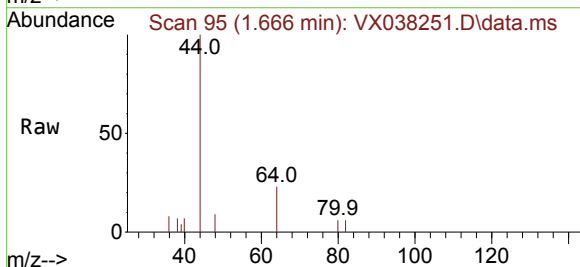
Instrument :
MSVOA_X
ClientSampleId :

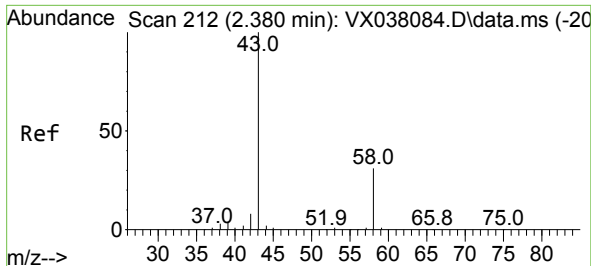
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

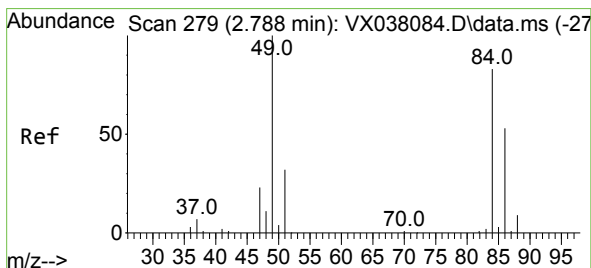
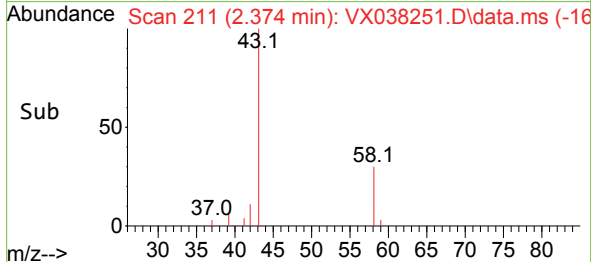
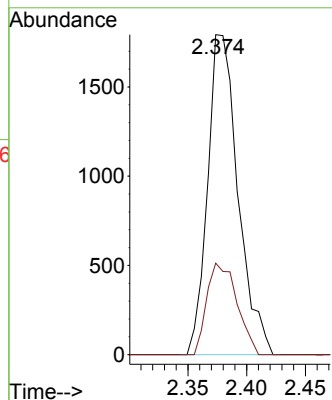
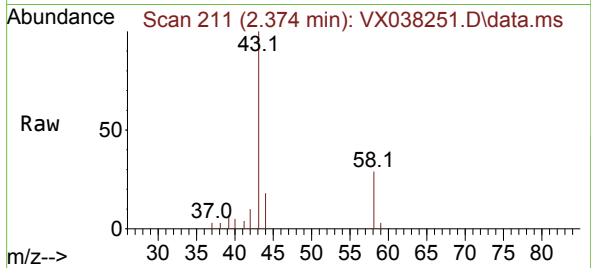




#16
Acetone
Concen: 4.331 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

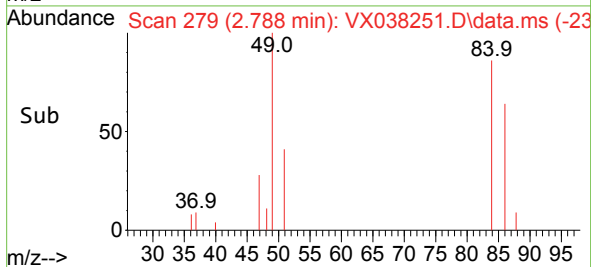
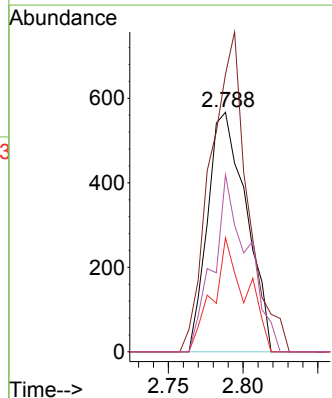
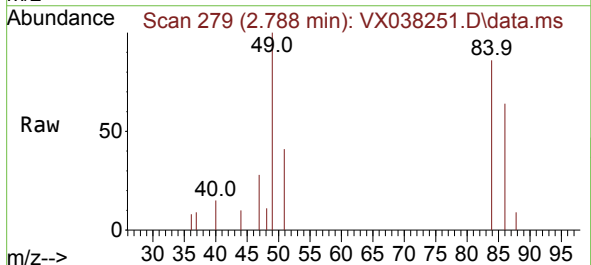
Instrument :
MSVOA_X
ClientSampleId :

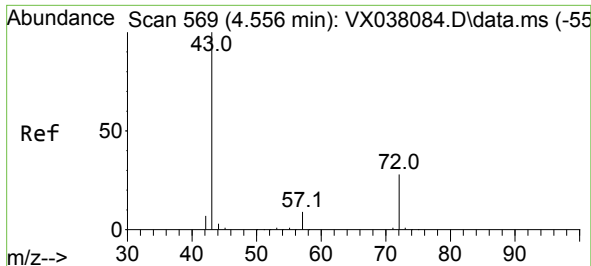
Tgt Ion: 43 Resp: 3230
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.725 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

Tgt Ion: 84 Resp: 1017
Ion Ratio Lower Upper
84 100
49 115.9 103.6 155.4
51 47.6 33.8 50.6
86 73.9 49.4 74.0





#25

2-Butanone

Concen: 1.213 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038251.D

Acq: 12 Oct 2023 13:01

Instrument :

MSVOA_X

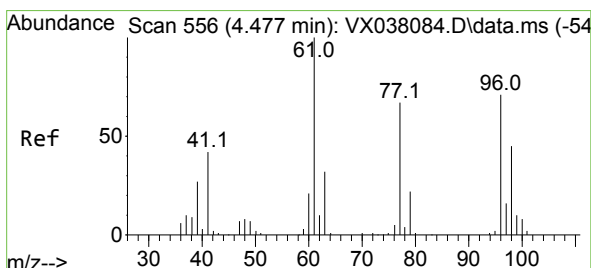
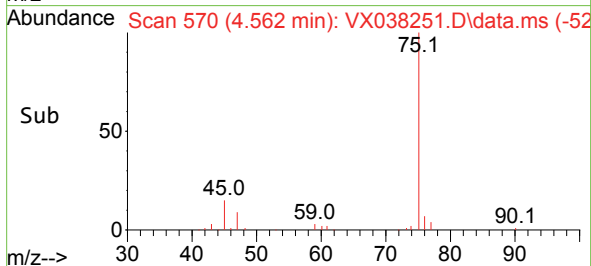
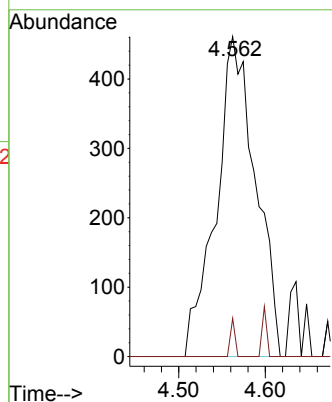
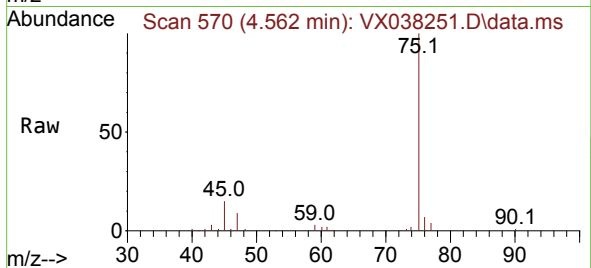
ClientSampleId :

Tgt Ion: 43 Resp: 1460

Ion Ratio Lower Upper

43 100

72 11.9 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 1.076 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.085 min

Lab File: VX038251.D

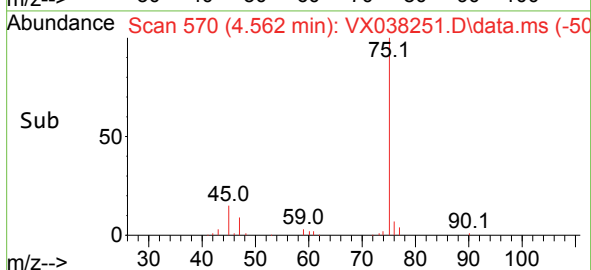
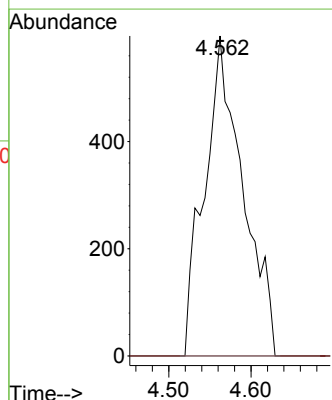
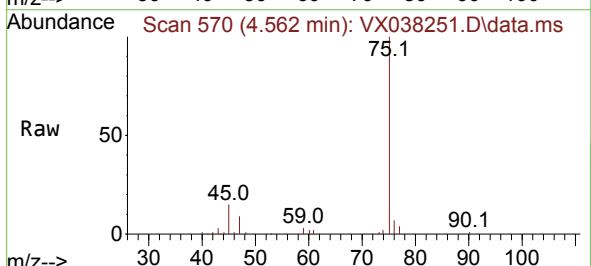
Acq: 12 Oct 2023 13:01

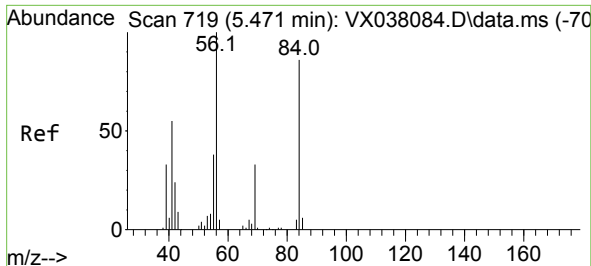
Tgt Ion: 77 Resp: 1942

Ion Ratio Lower Upper

77 100

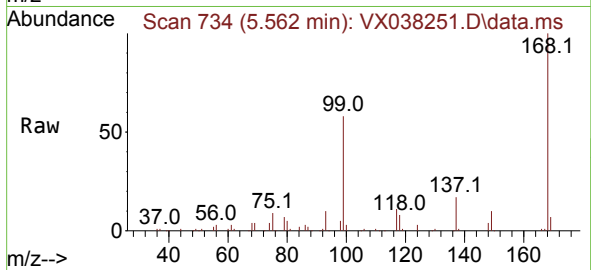
97 0.0 10.8 32.3#



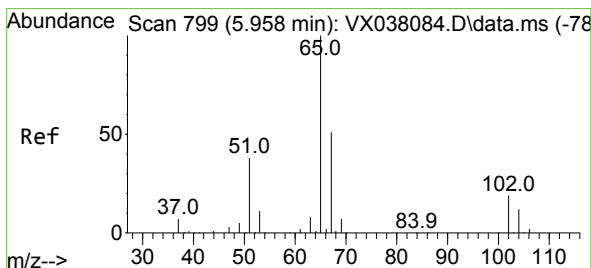
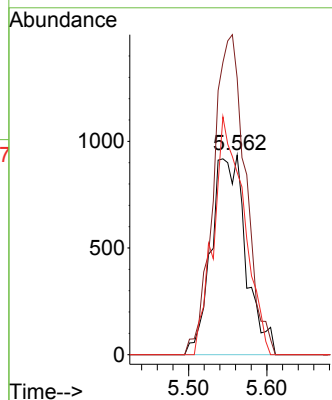
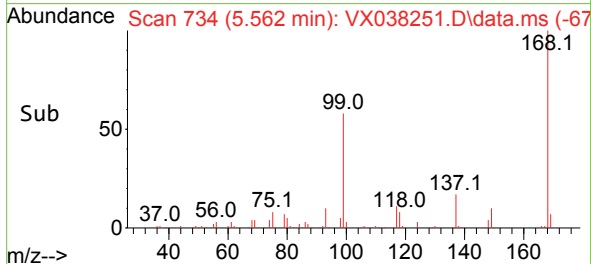


#31
Cyclohexane
Concen: 1.475 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :

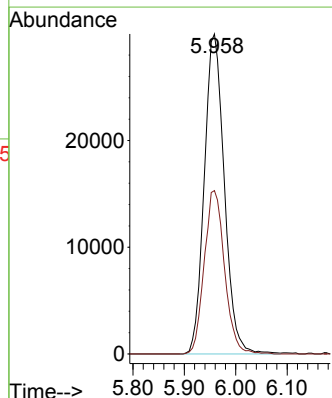
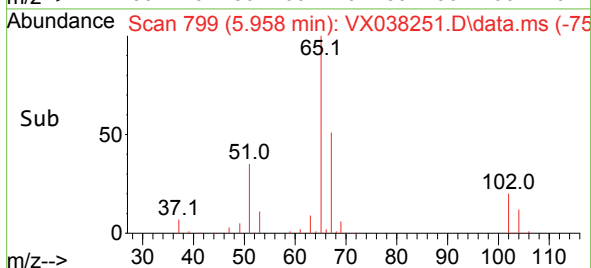
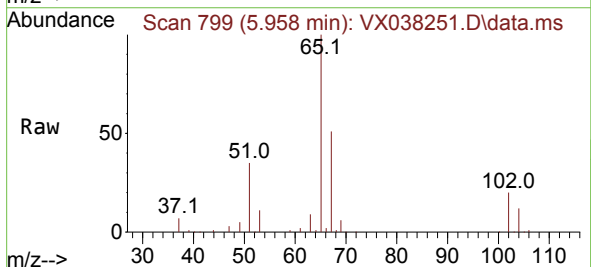


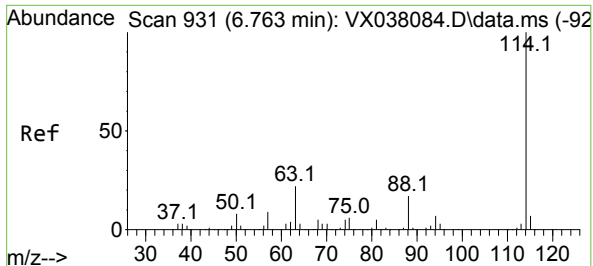
Tgt Ion: 56 Resp: 2856
Ion Ratio Lower Upper
56 100
69 138.7 23.4 35.2#
84 91.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.448 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

Tgt Ion: 65 Resp: 81219
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

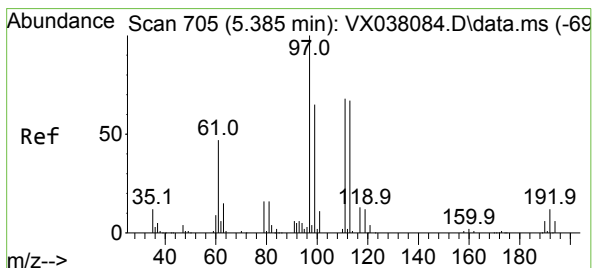
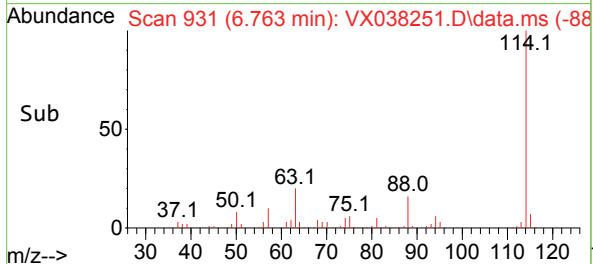
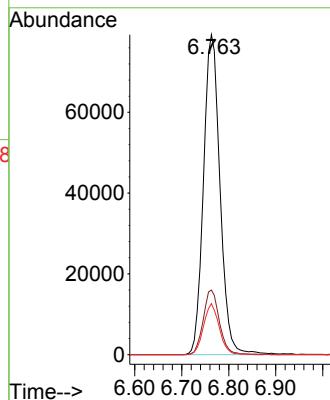
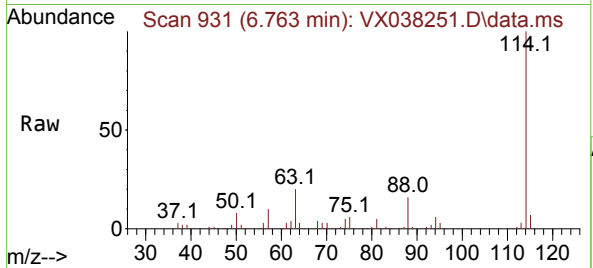




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

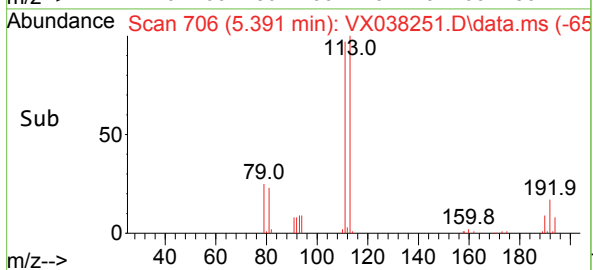
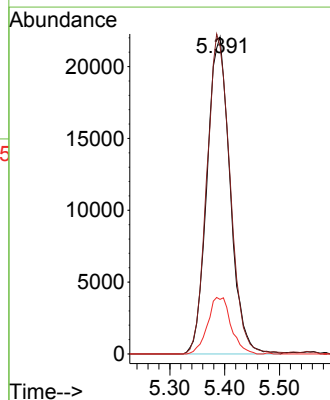
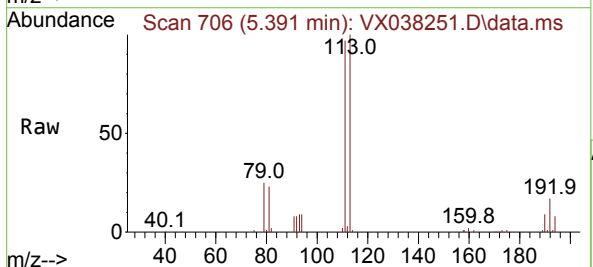
Instrument :
MSVOA_X
ClientSampleId :

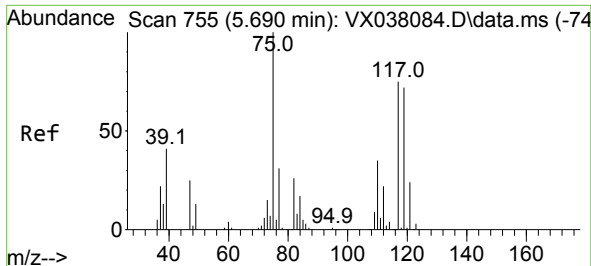
Tgt Ion:114 Resp: 193984
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.967 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

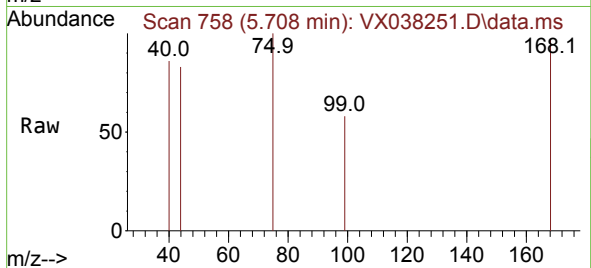
Tgt Ion:113 Resp: 64252
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.1 13.3 19.9



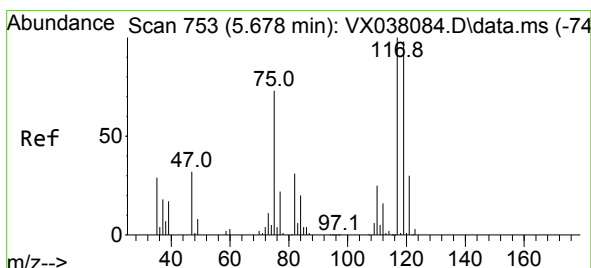
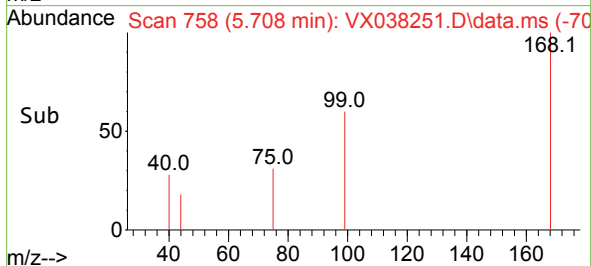
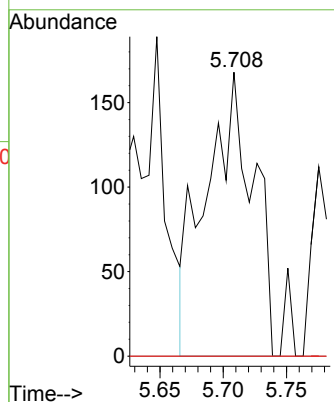


#36
1,1-Dichloropropene
Concen: 0.227 ug/l
RT: 5.708 min Scan# 714
Delta R.T. 0.018 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :

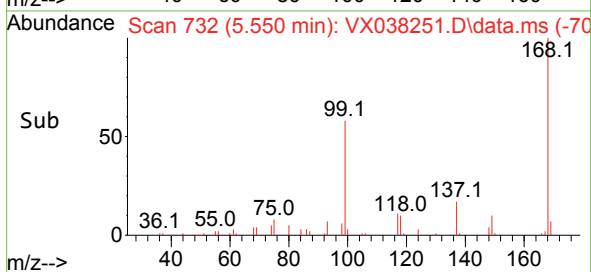
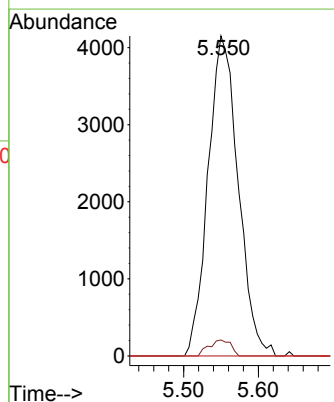
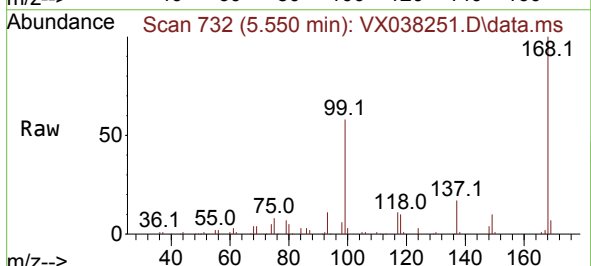


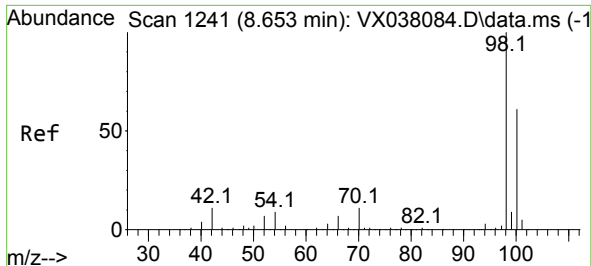
Tgt Ion: 75 Resp: 437
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.137 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

Tgt Ion: 117 Resp: 11637
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#

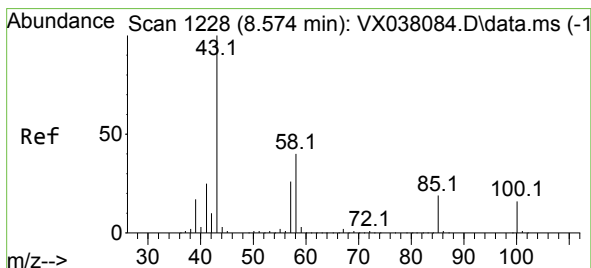
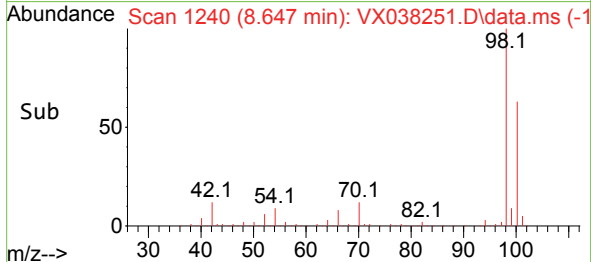
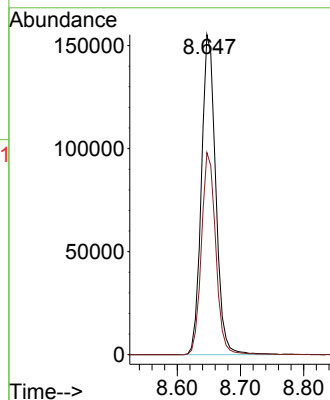
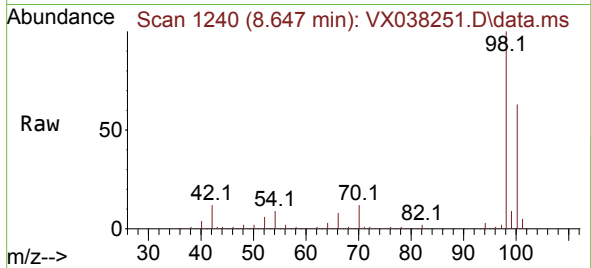




#50
Toluene-d8
Concen: 45.902 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

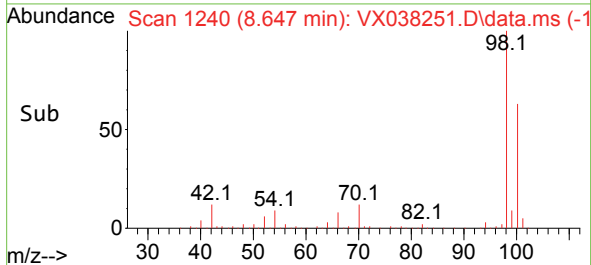
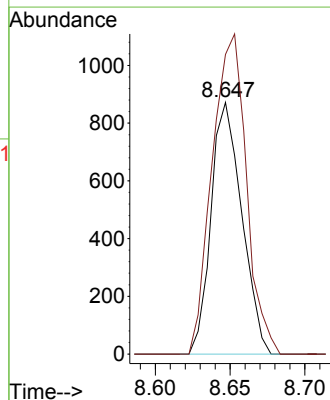
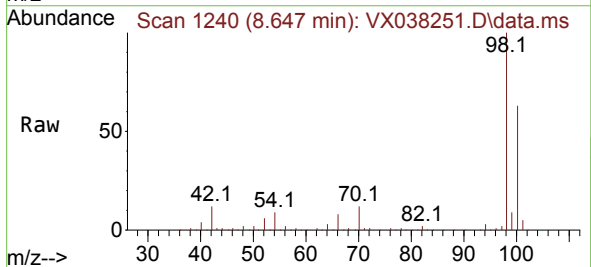
Instrument :
MSVOA_X
ClientSampleId :

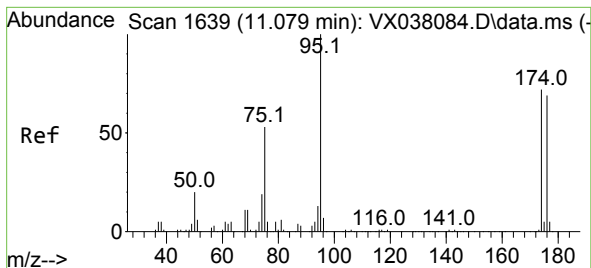
Tgt Ion: 98 Resp: 245176
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

Tgt Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
58 141.7 30.4 45.6#

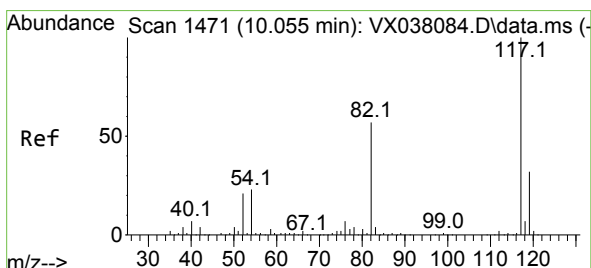
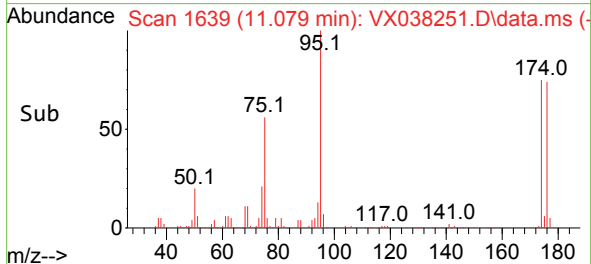
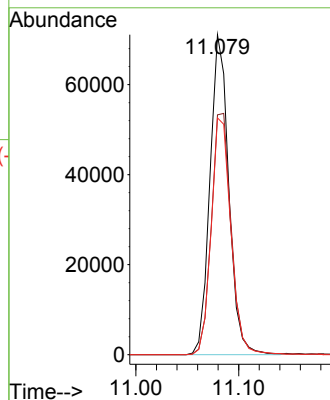
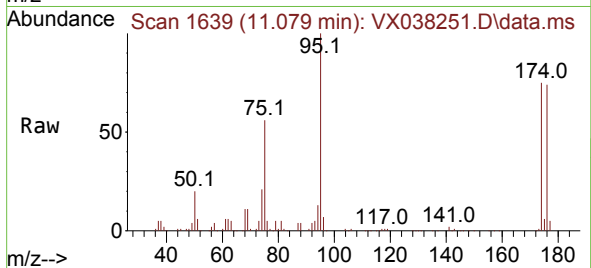




#62
4-Bromofluorobenzene
Concen: 44.596 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

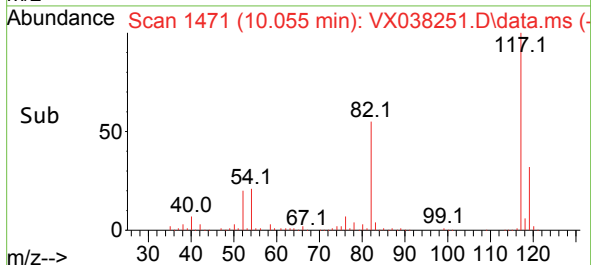
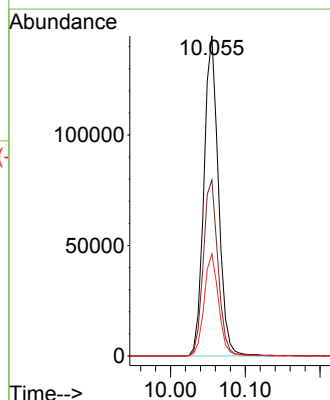
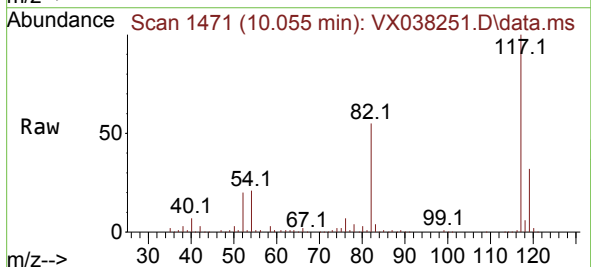
Instrument :
MSVOA_X
ClientSampleId :

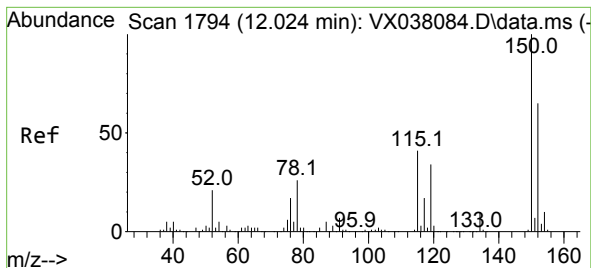
Tgt Ion: 95 Resp: 90303
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 77.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038251.D
Acq: 12 Oct 2023 13:01

Tgt Ion: 117 Resp: 195095
Ion Ratio Lower Upper
117 100
82 55.0 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# 1

Delta R.T. 0.000 min

Lab File: VX038251.D

Acq: 12 Oct 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

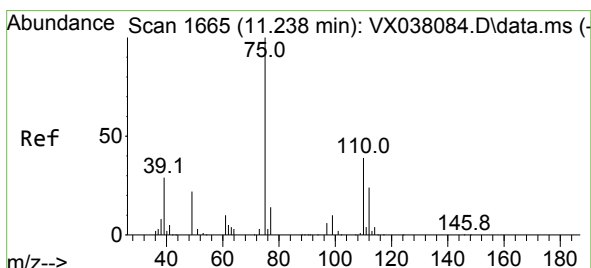
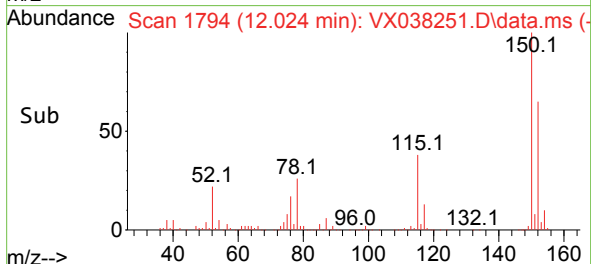
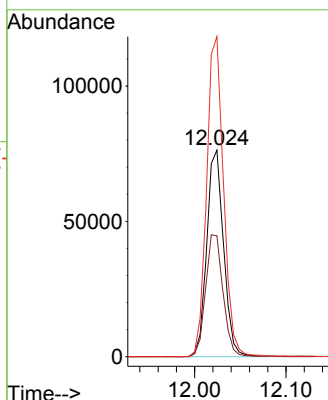
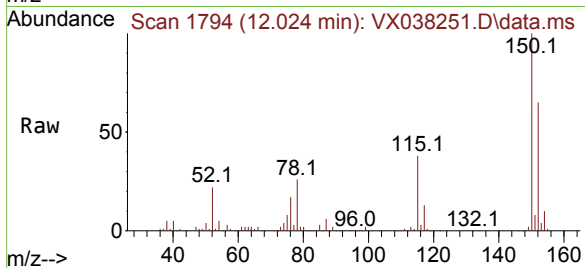
Tgt Ion:152 Resp: 97427

Ion Ratio Lower Upper

152 100

115 61.2 43.3 129.9

150 156.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.852 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038251.D

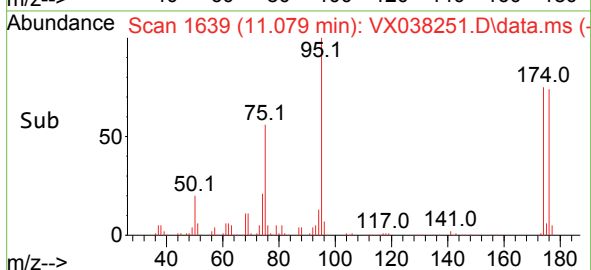
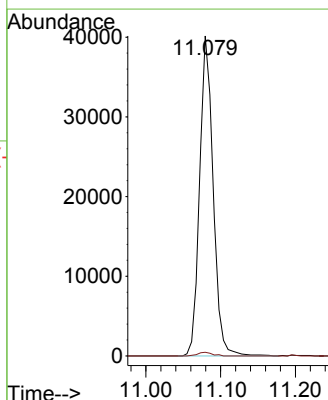
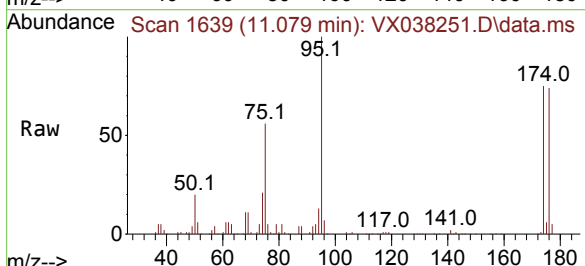
Acq: 12 Oct 2023 13:01

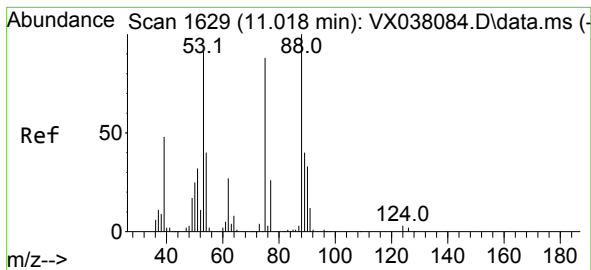
Tgt Ion: 75 Resp: 50615

Ion Ratio Lower Upper

75 100

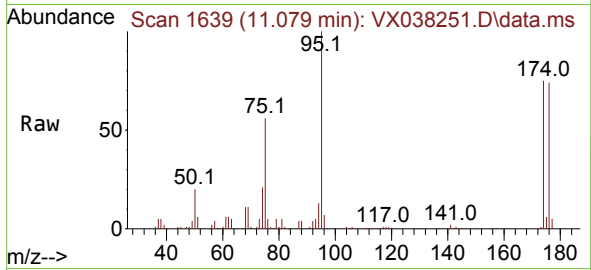
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.378 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038251.D
 Acq: 12 Oct 2023 13:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 50615
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

