

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038187.D
 Acq On : 10 Oct 2023 09:43
 Operator : JC/MD
 Sample : VX1010MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

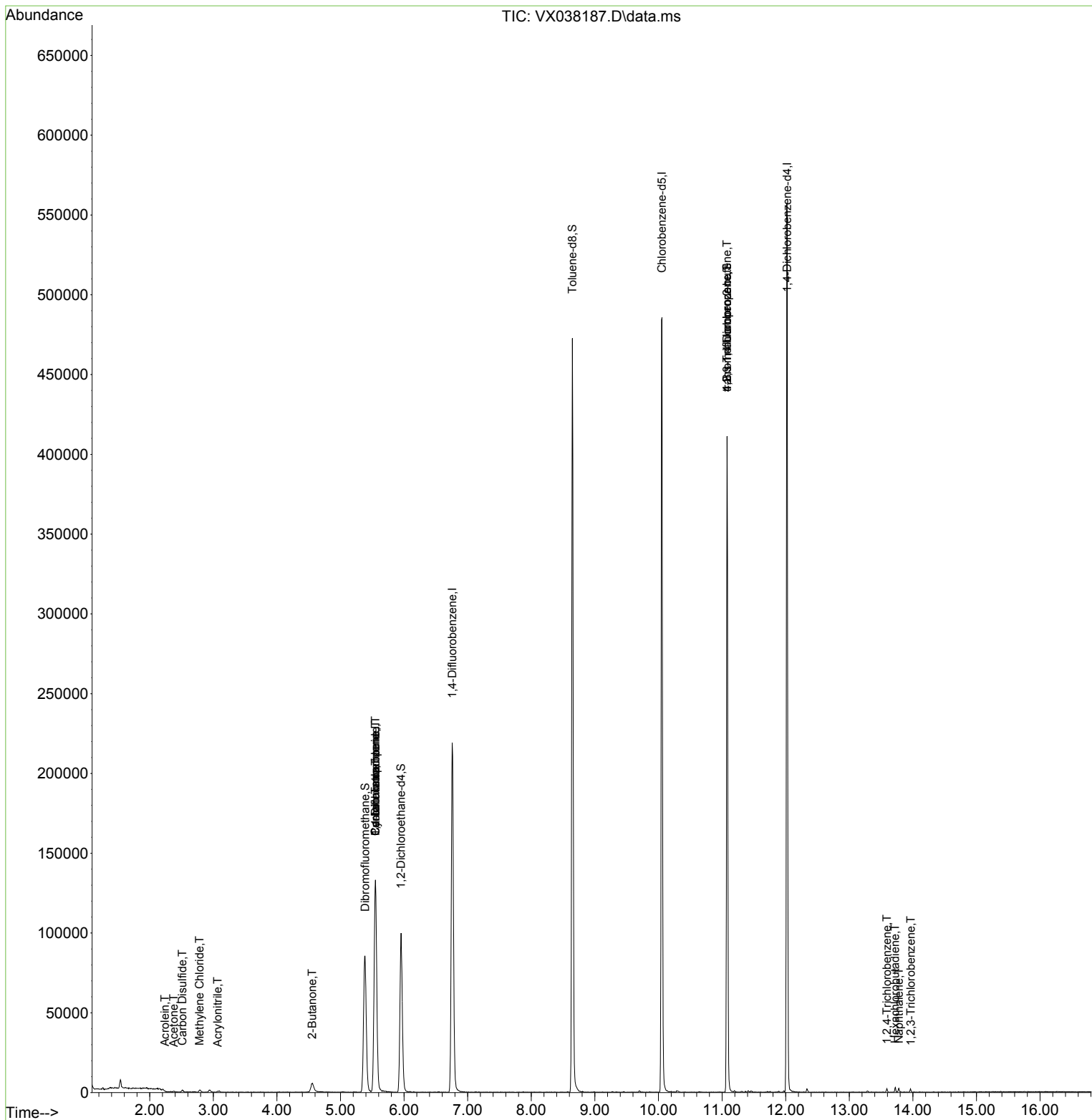
Quant Time: Oct 11 01:33:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93215	46.299	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.600%
35) Dibromofluoromethane	5.385	113	74379	45.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.960%
50) Toluene-d8	8.647	98	277453	44.392	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.780%#
62) 4-Bromofluorobenzene	11.079	95	105173	44.387	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	43	Below Cal	#	3
6) Chloroethane	1.672	64	166	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	876	Below Cal	#	78
13) Acrolein	2.239	56	205	0.716	ug/l #	70
15) Acrylonitrile	3.068	53	507	0.553	ug/l #	86
16) Acetone	2.379	43	476	0.566	ug/l	91
17) Carbon Disulfide	2.514	76	1508	0.457	ug/l	99
20) Methylene Chloride	2.782	84	723	0.457	ug/l #	82
25) 2-Butanone	4.556	43	296	0.218	ug/l #	51
31) Cyclohexane	5.550	56	3262	1.495	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	10826	4.800	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13437	6.056	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	58317	22.476	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58317	64.368	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	725	0.300	ug/l	81
94) Hexachlorobutadiene	13.719	225	388	0.398	ug/l	74
95) Naphthalene	13.780	128	1937	0.230	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.969	180	609	0.260	ug/l	95

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

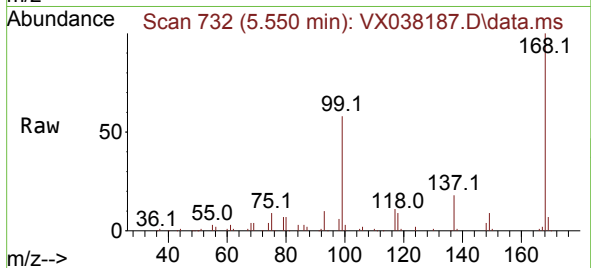
Quant Time: Oct 11 01:33:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



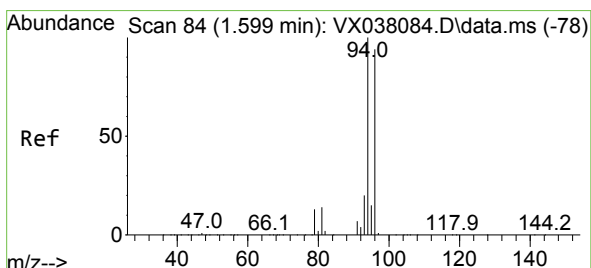
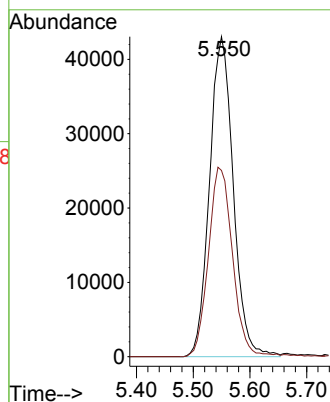
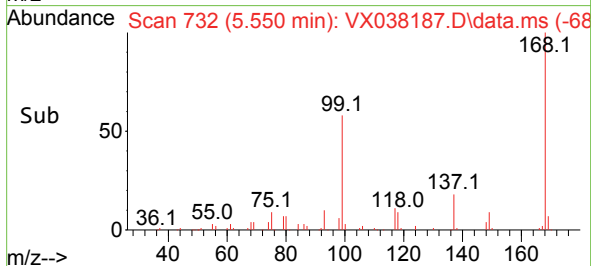


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Instrument :
MSVOA_X
ClientSampleId :

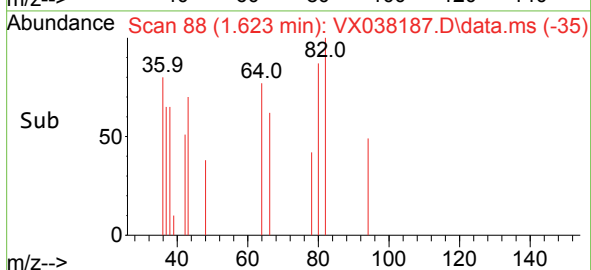
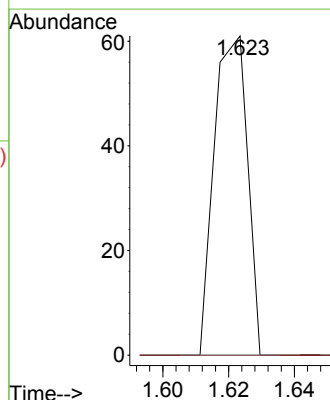
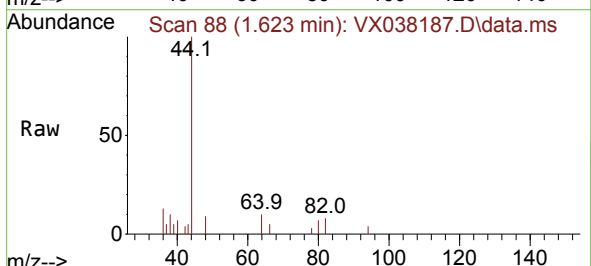


Tgt Ion:168 Resp: 125173
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Tgt Ion: 94 Resp: 43
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

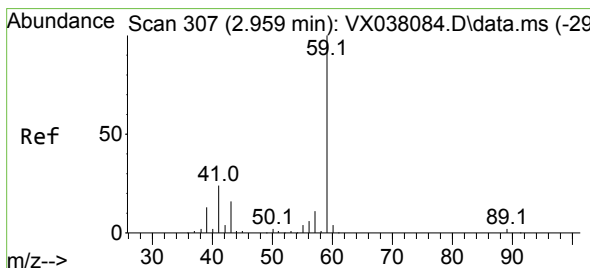
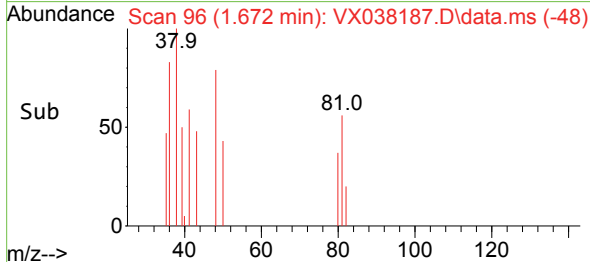
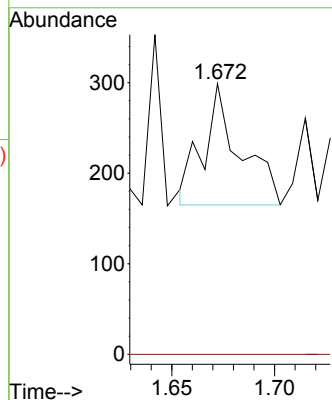
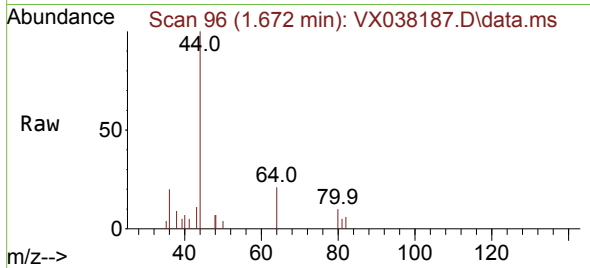




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.007 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

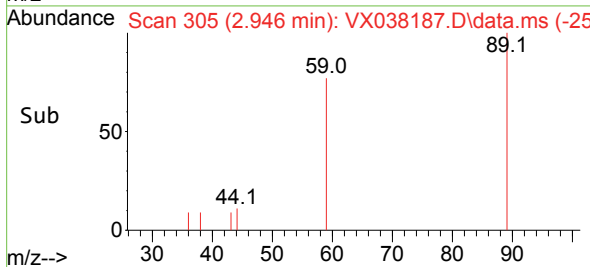
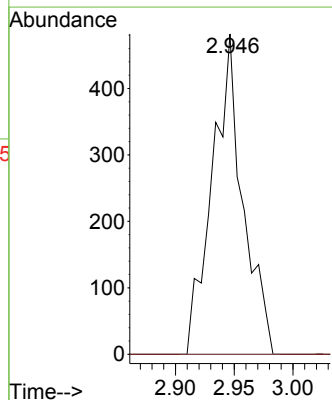
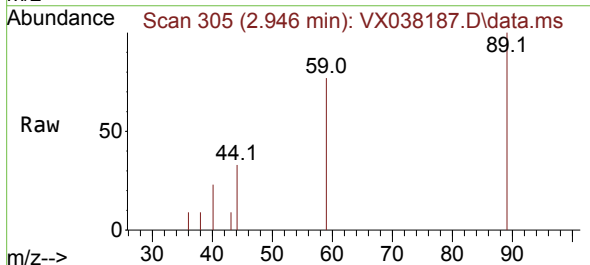
Instrument :
MSVOA_X
ClientSampleId :

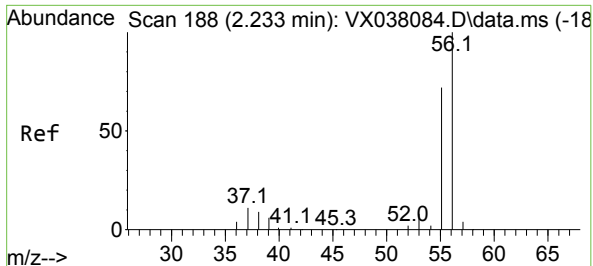
Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.013 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Tgt Ion: 59 Resp: 876
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.716 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038187.D

Acq: 10 Oct 2023 09:43

Instrument :

MSVOA_X

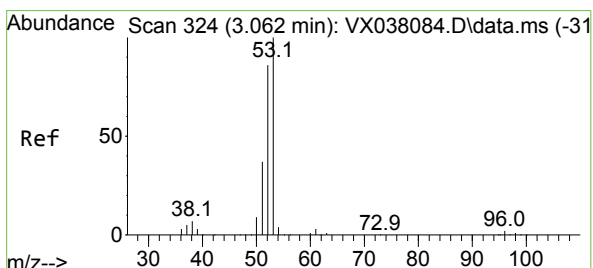
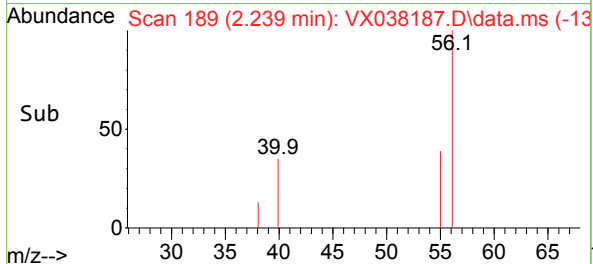
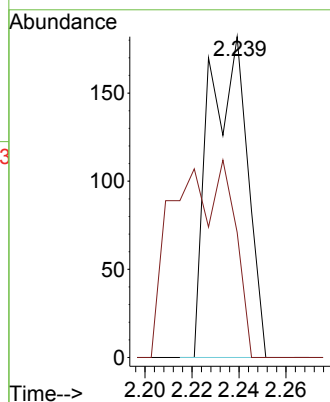
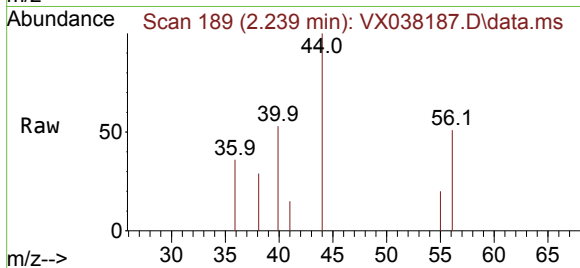
ClientSampleId :

Tgt Ion: 56 Resp: 205

Ion Ratio Lower Upper

56 100

55 96.6 57.1 85.7#



#15

Acrylonitrile

Concen: 0.553 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.006 min

Lab File: VX038187.D

Acq: 10 Oct 2023 09:43

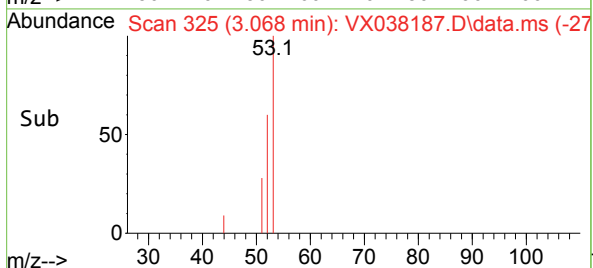
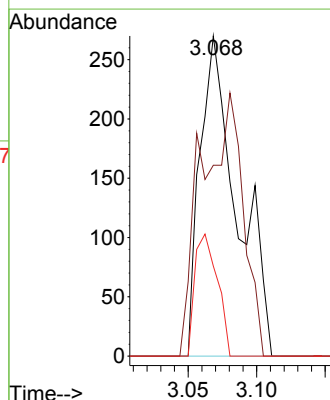
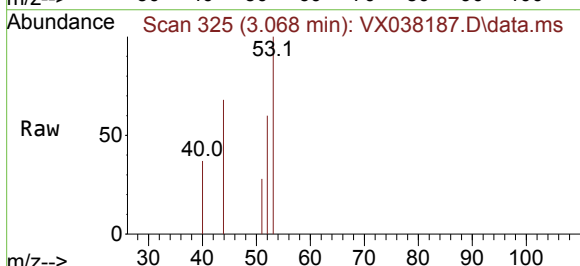
Tgt Ion: 53 Resp: 507

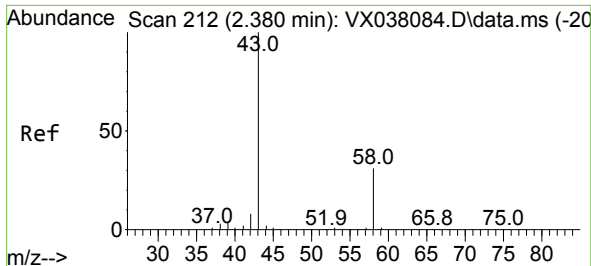
Ion Ratio Lower Upper

53 100

52 91.5 66.0 99.0

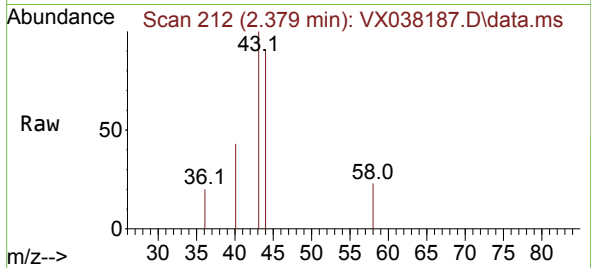
51 23.3 29.8 44.6#



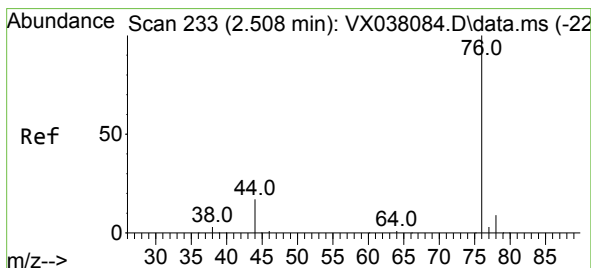
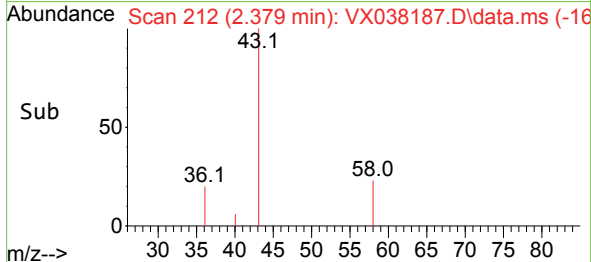
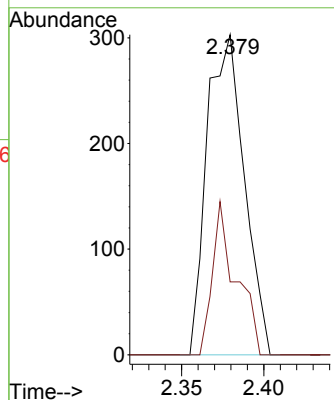


#16
Acetone
Concen: 0.566 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Instrument :
MSVOA_X
ClientSampleId :

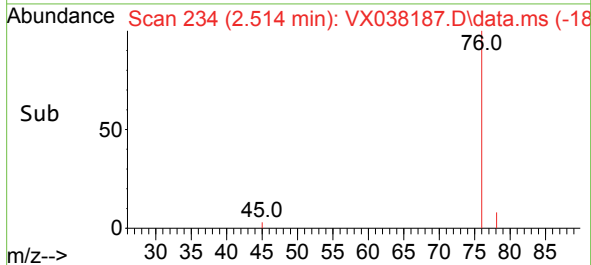
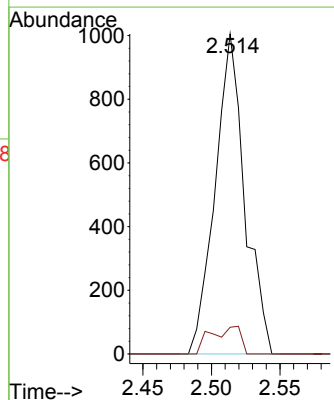
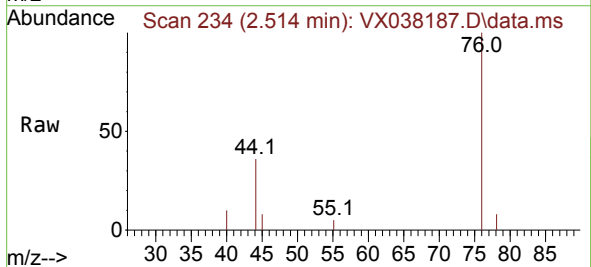


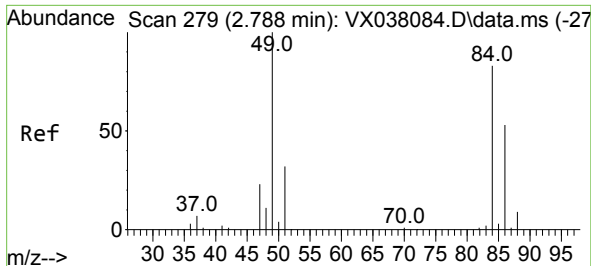
Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
58 22.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.457 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Tgt Ion: 76 Resp: 1508
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6





#20

Methylene Chloride

Concen: 0.457 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

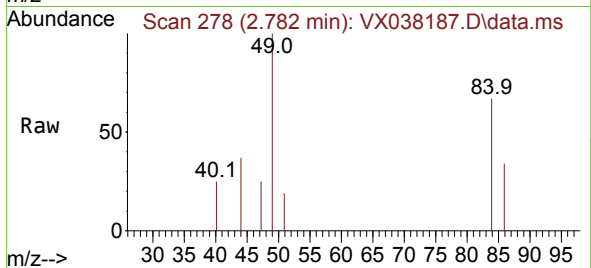
Lab File: VX038187.D

Acq: 10 Oct 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 723

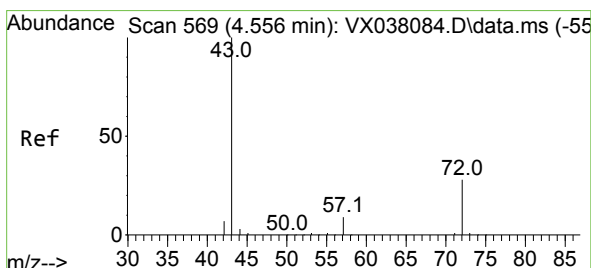
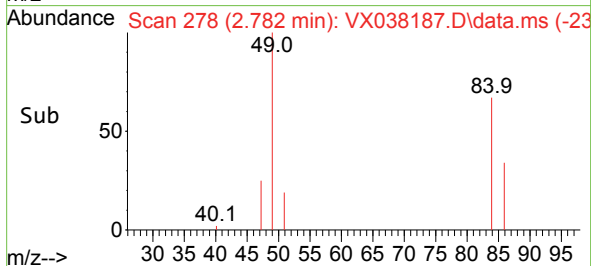
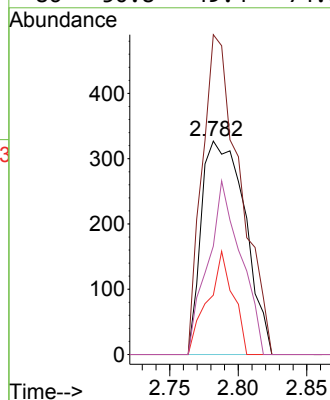
Ion Ratio Lower Upper

84 100

49 149.8 103.6 155.4

51 27.8 33.8 50.6#

86 50.8 49.4 74.0



#25

2-Butanone

Concen: 0.218 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.000 min

Lab File: VX038187.D

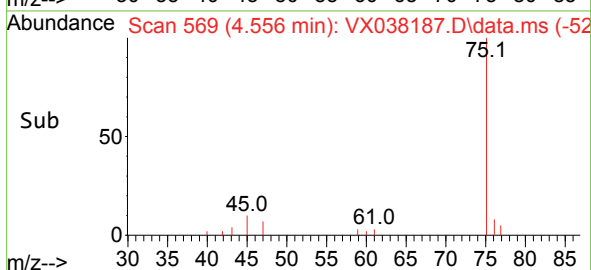
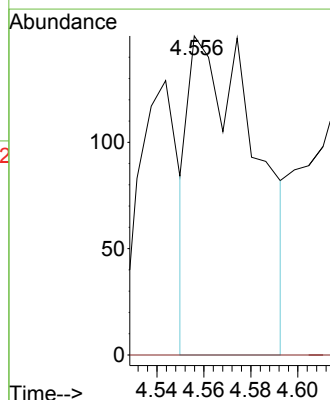
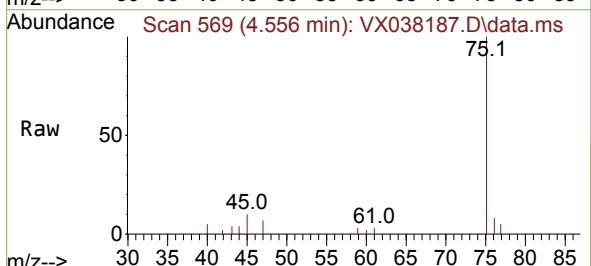
Acq: 10 Oct 2023 09:43

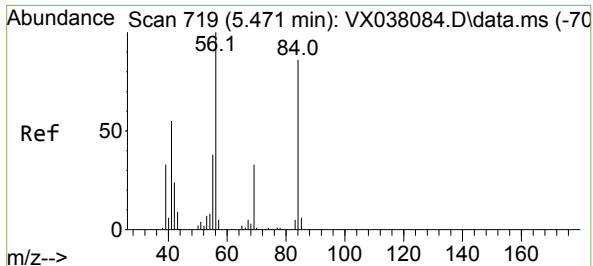
Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

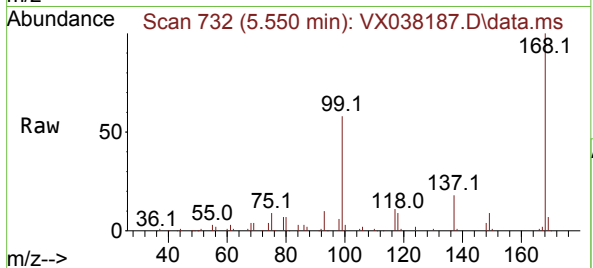
72 0.0 19.4 29.2#



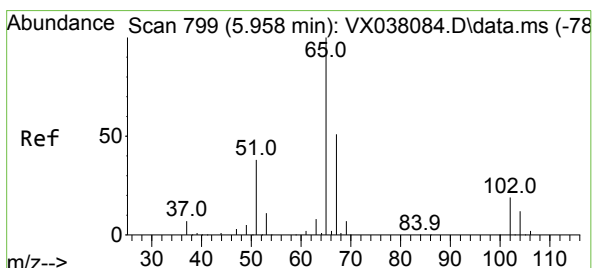
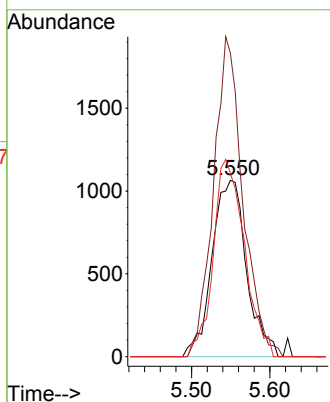
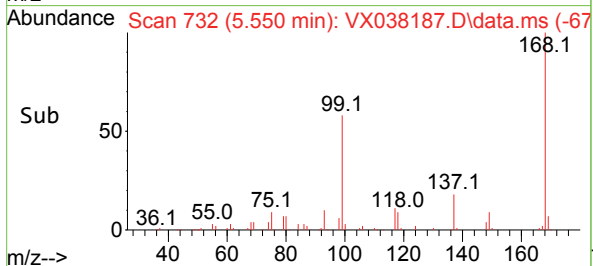


#31
Cyclohexane
Concen: 1.495 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Instrument :
MSVOA_X
ClientSampleId :

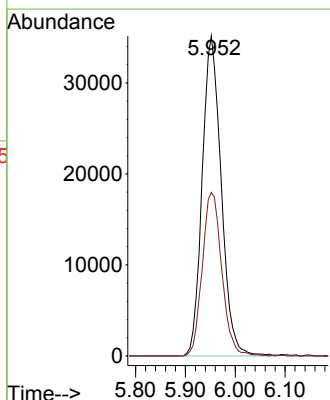
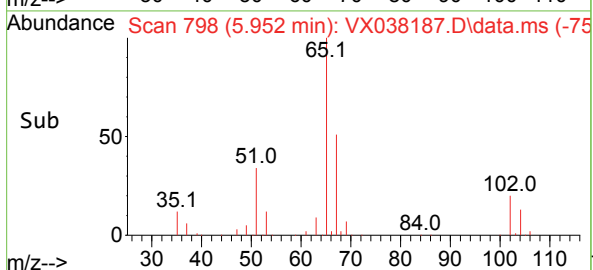
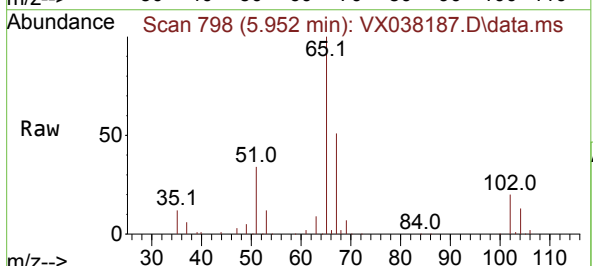


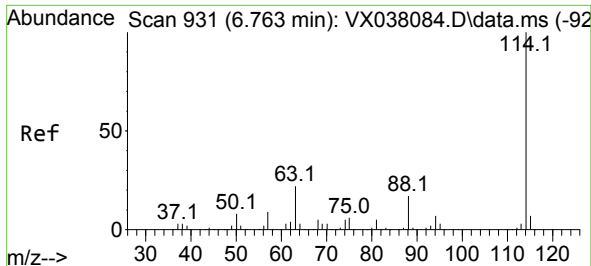
Tgt Ion: 56 Resp: 3262
Ion Ratio Lower Upper
56 100
69 172.1 23.4 35.2#
84 104.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.299 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Tgt Ion: 65 Resp: 93215
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

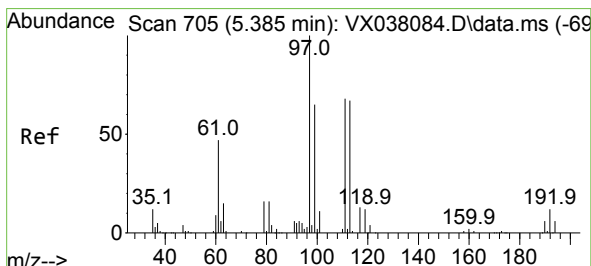
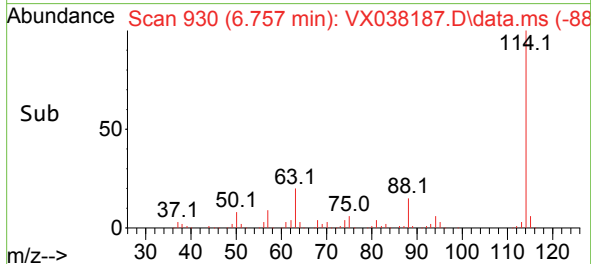
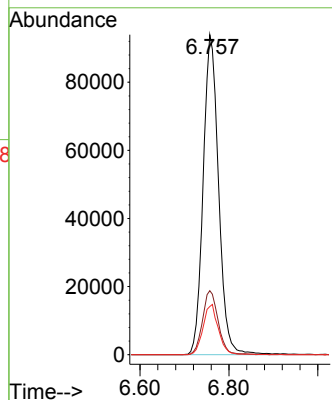
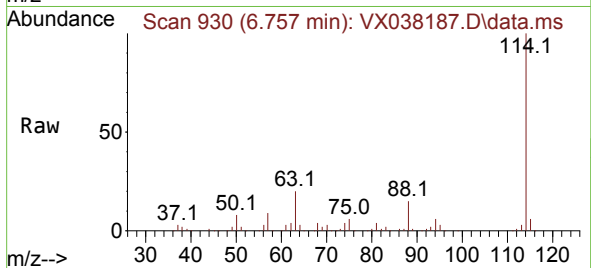




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

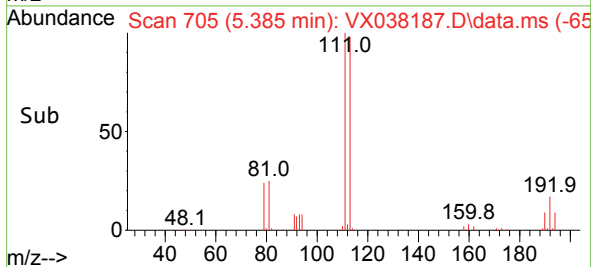
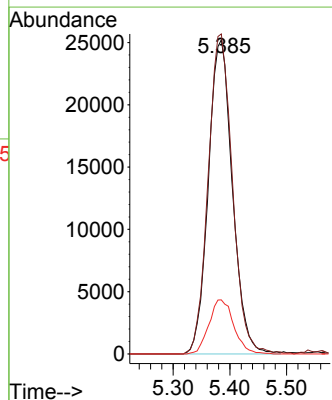
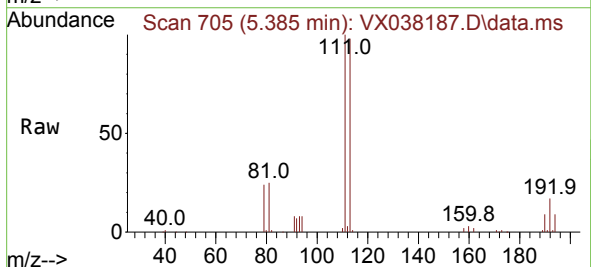
Instrument :
MSVOA_X
ClientSampleId :

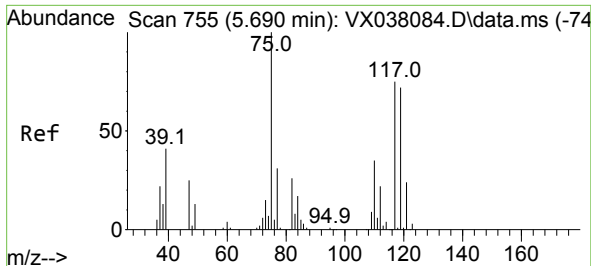
Tgt Ion:114 Resp: 226989
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.475 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

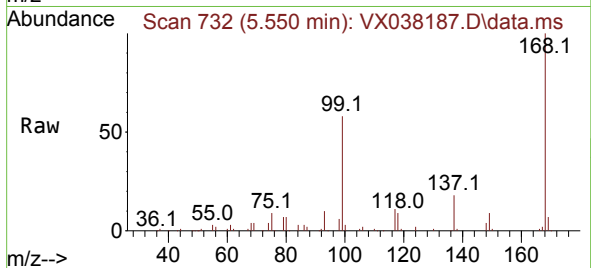
Tgt Ion:113 Resp: 74379
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.8 13.3 19.9



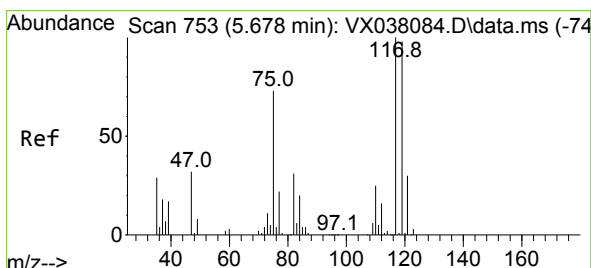
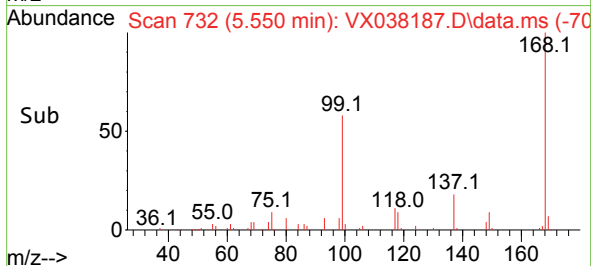
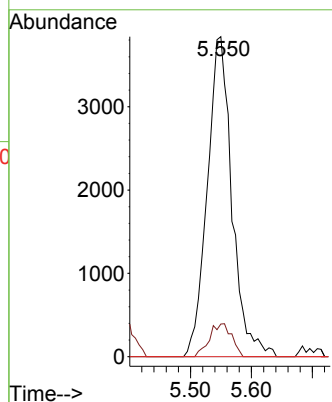


#36
1,1-Dichloropropene
Concen: 4.800 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Instrument :
MSVOA_X
ClientSampleId :

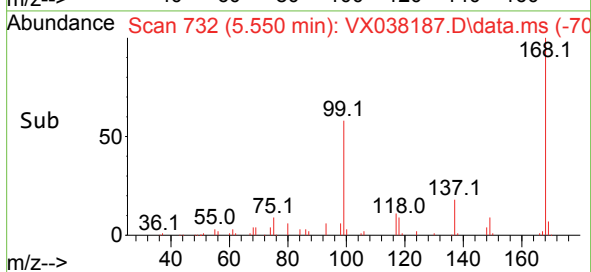
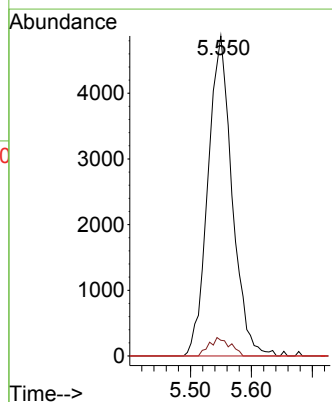
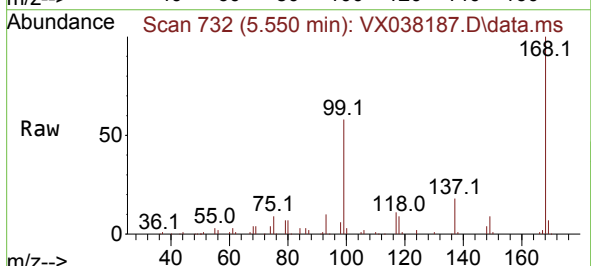


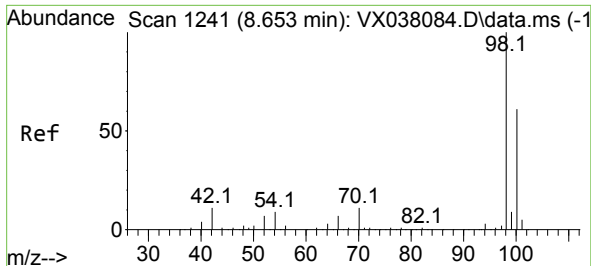
Tgt Ion: 75 Resp: 10826
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.056 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Tgt Ion: 117 Resp: 13437
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

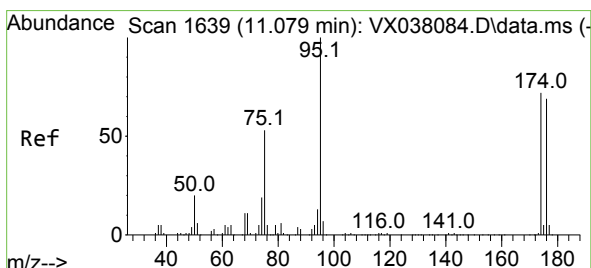
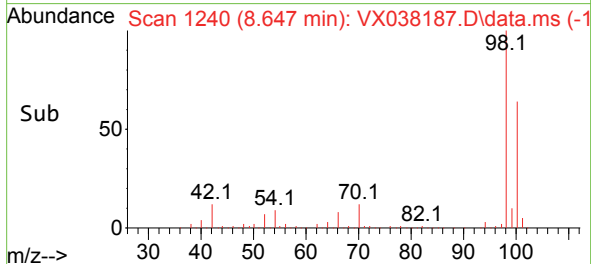
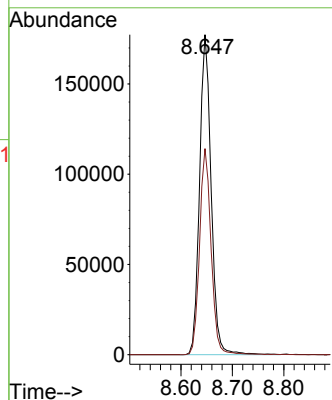
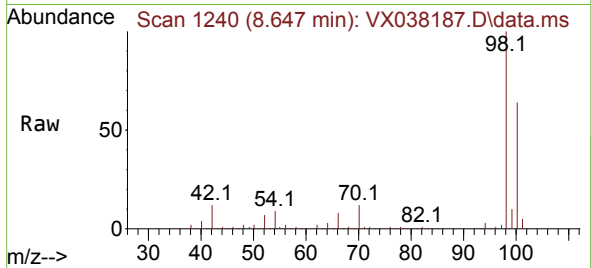




#50
Toluene-d8
Concen: 44.392 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

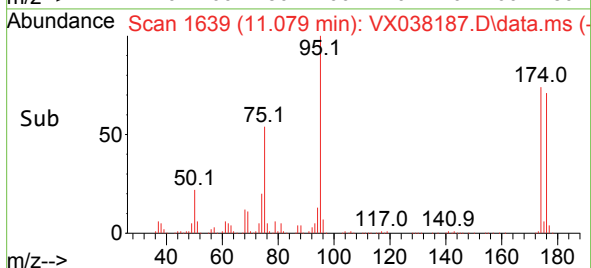
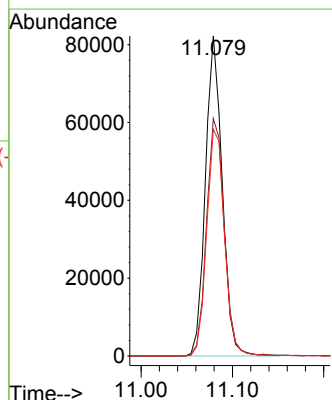
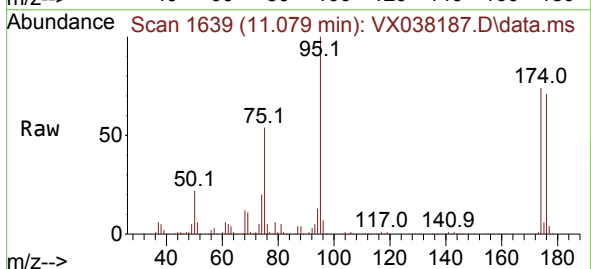
Instrument :
MSVOA_X
ClientSampleId :

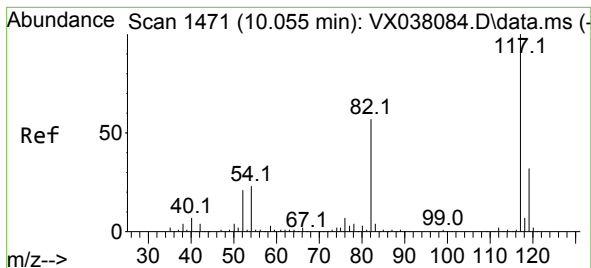
Tgt Ion: 98 Resp: 277453
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038187.D
Acq: 10 Oct 2023 09:43

Tgt Ion: 95 Resp: 105173
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 74.8 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: VX038187.D

Acq: 10 Oct 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

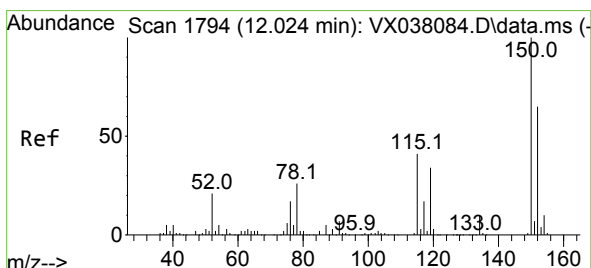
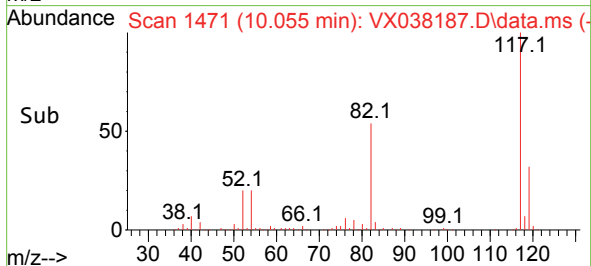
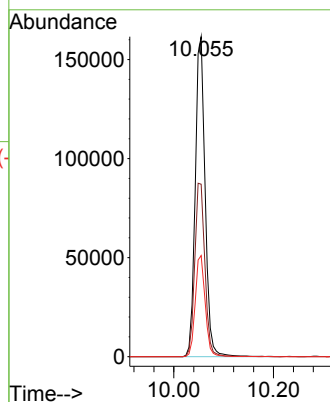
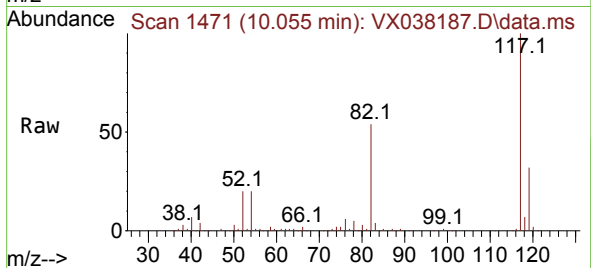
Tgt Ion:117 Resp: 221861

Ion Ratio Lower Upper

117 100

82 53.9 46.2 69.4

119 31.6 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: VX038187.D

Acq: 10 Oct 2023 09:43

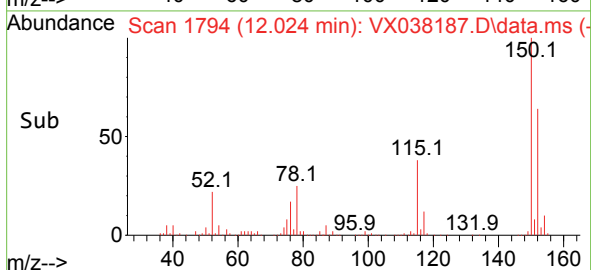
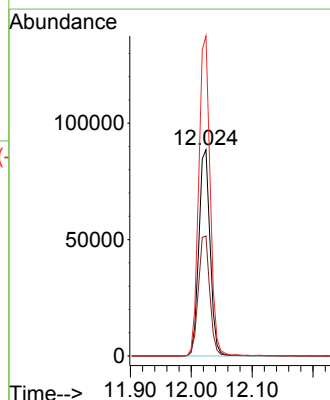
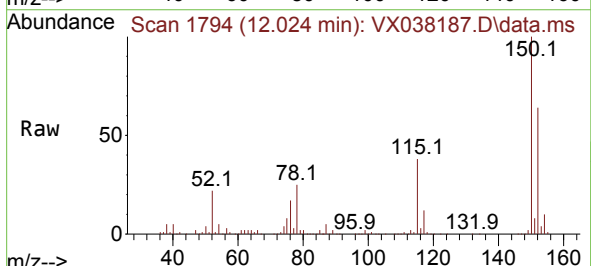
Tgt Ion:152 Resp: 114132

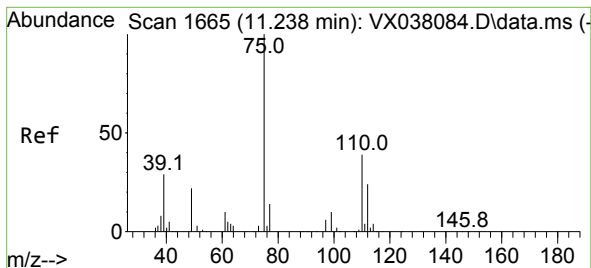
Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.476 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038187.D

Acq: 10 Oct 2023 09:43

Instrument :

MSVOA_X

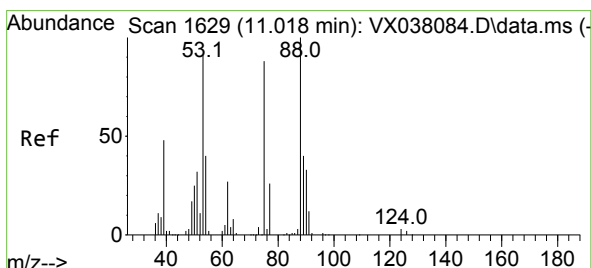
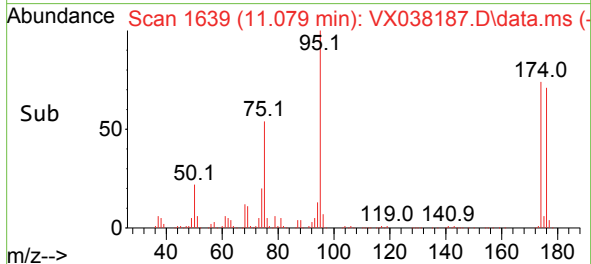
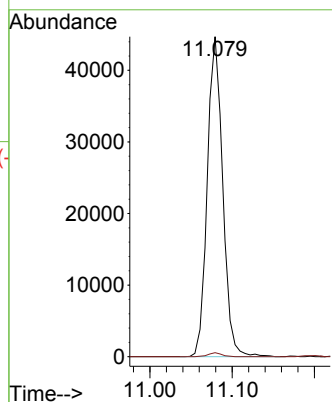
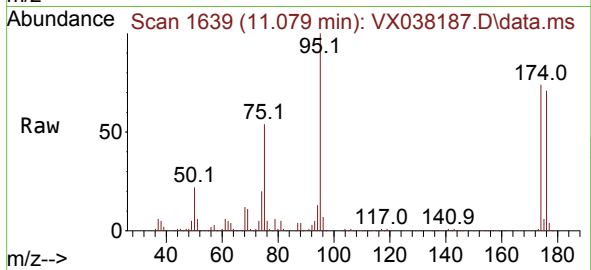
ClientSampleId :

Tgt Ion: 75 Resp: 58317

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.368 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038187.D

Acq: 10 Oct 2023 09:43

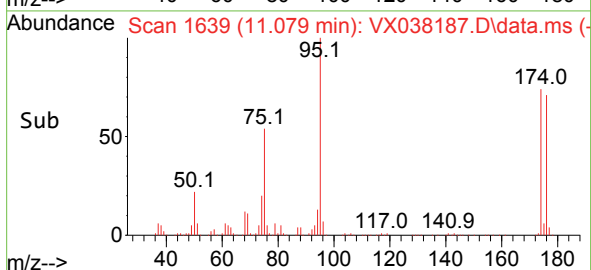
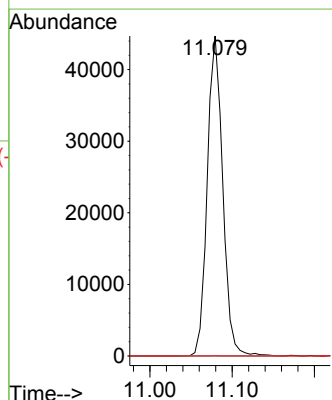
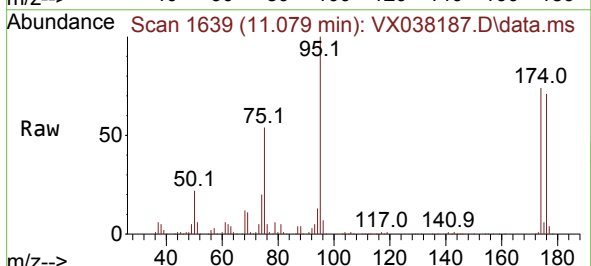
Tgt Ion: 75 Resp: 58317

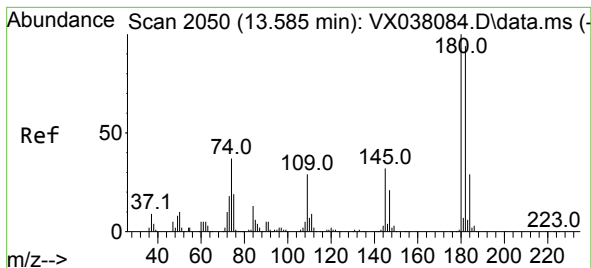
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.300 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038187.D

Acq: 10 Oct 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

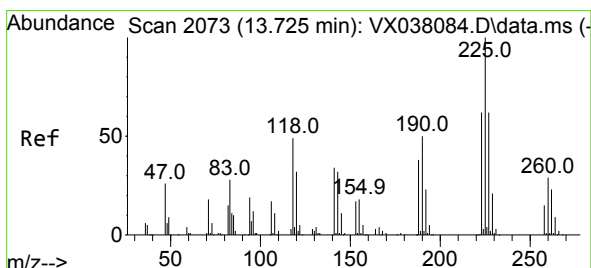
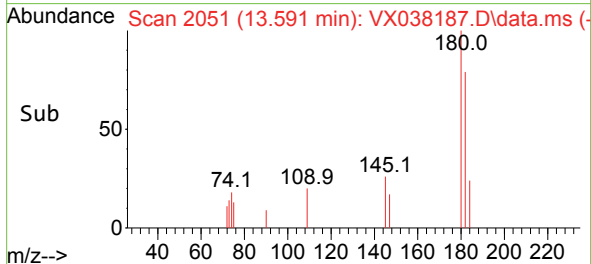
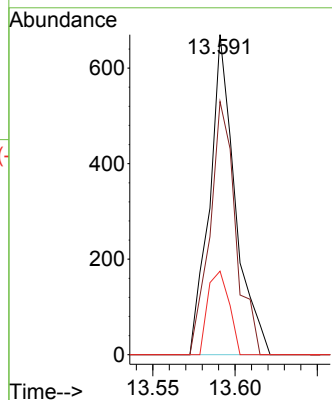
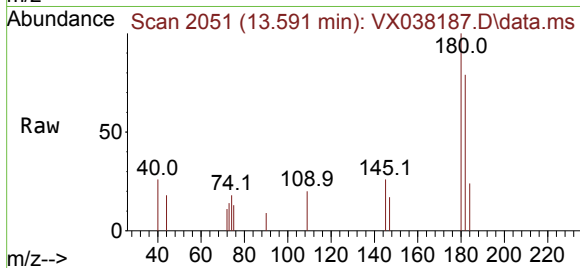
Tgt Ion:180 Resp: 725

Ion Ratio Lower Upper

180 100

182 79.3 48.3 144.8

145 21.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.398 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX038187.D

Acq: 10 Oct 2023 09:43

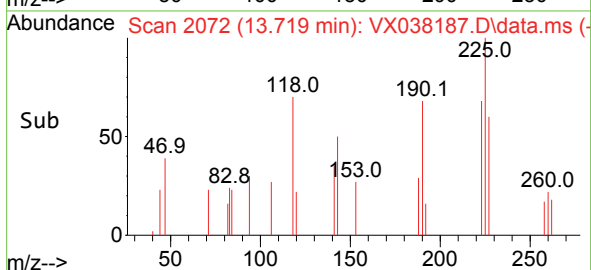
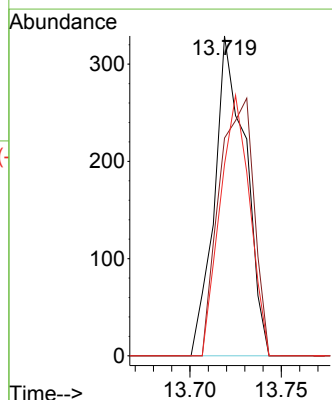
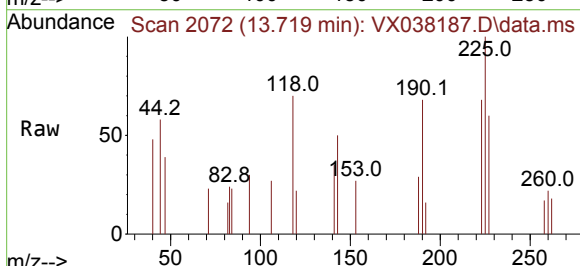
Tgt Ion:225 Resp: 388

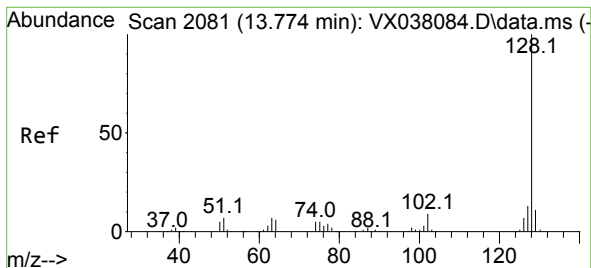
Ion Ratio Lower Upper

225 100

223 89.4 31.1 93.2

227 77.8 32.5 97.5





#95

Naphthalene

Concen: 0.230 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX038187.D

Acq: 10 Oct 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

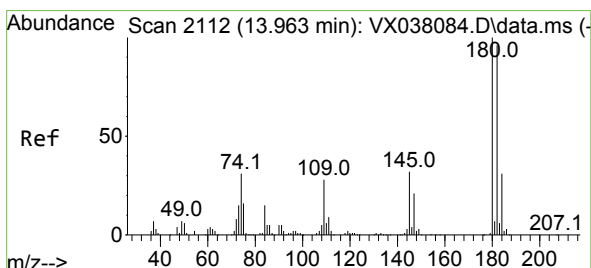
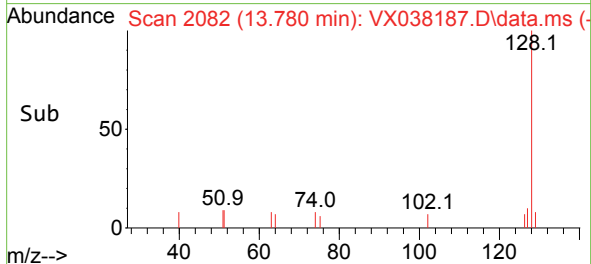
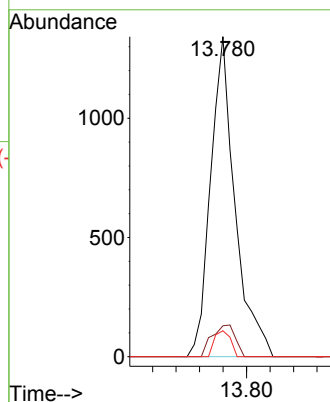
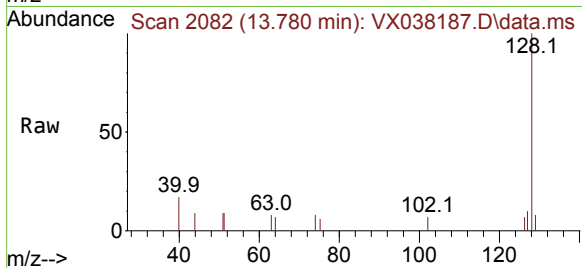
Tgt Ion:128 Resp: 1937

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 5.4 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.260 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX038187.D

Acq: 10 Oct 2023 09:43

Tgt Ion:180 Resp: 609

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 25.8 17.8 53.5

