

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101123\
 Data File : VX038231.D
 Acq On : 11 Oct 2023 15:55
 Operator : JC/MD
 Sample : 04803-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 02:46:34 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	106232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79042	46.259	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.520%
35) Dibromofluoromethane	5.391	113	61675	45.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.340%
50) Toluene-d8	8.647	98	240075	46.016	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.040%
62) 4-Bromofluorobenzene	11.079	95	91085	46.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.100%

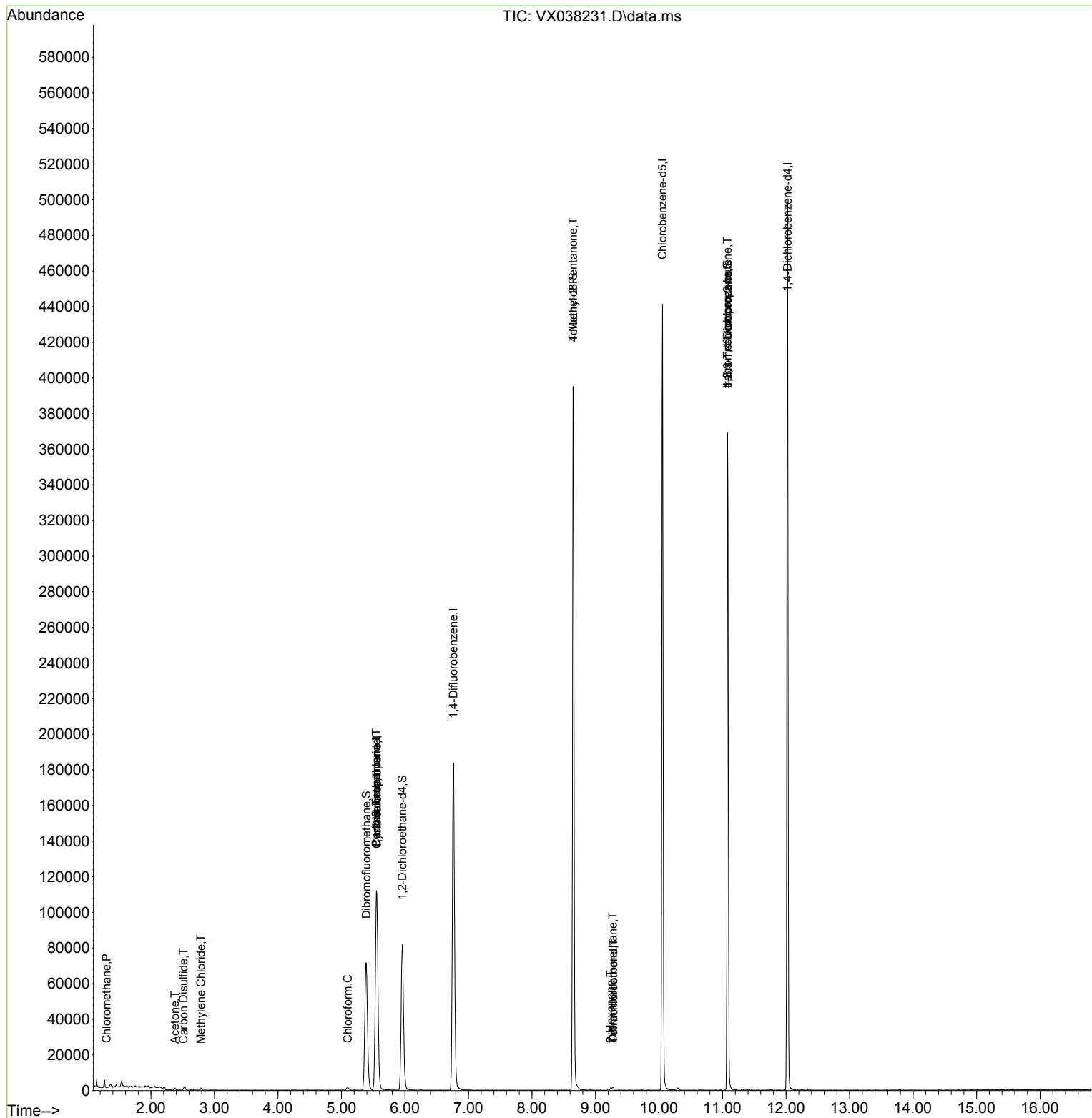
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	215	0.206	ug/l #	43
5) Bromomethane	1.593	94	61	Below Cal	#	3
6) Chloroethane	1.703	64	313	Below Cal	#	43
11) Tert butyl alcohol	2.965	59	27	Below Cal	#	78
16) Acetone	2.380	43	1098	1.540	ug/l #	81
17) Carbon Disulfide	2.514	76	733	0.262	ug/l #	76
20) Methylene Chloride	2.788	84	442	0.330	ug/l #	86
30) Chloroform	5.099	83	1937	0.801	ug/l	94
31) Cyclohexane	5.556	56	2608	1.409	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	9006	4.783	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11091	5.988	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1083	0.470	ug/l #	1
59) 2-Hexanone	9.238	43	1135	0.613	ug/l	63
60) Dibromochloromethane	9.275	129	314	0.219	ug/l #	11
64) Tetrachloroethene	9.281	164	351	0.278	ug/l #	60
76) 1,2,3-Trichloropropane	11.079	75	51512	22.549	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51512	64.565	ug/l #	5

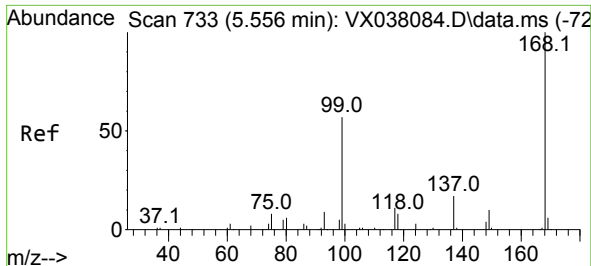
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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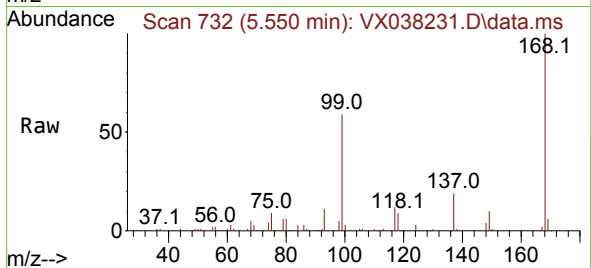
Quant Time: Oct 12 02:46:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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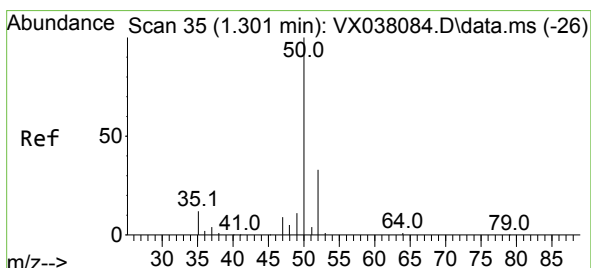
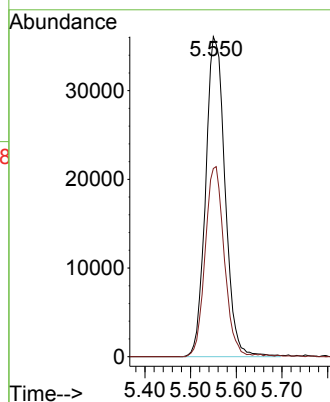
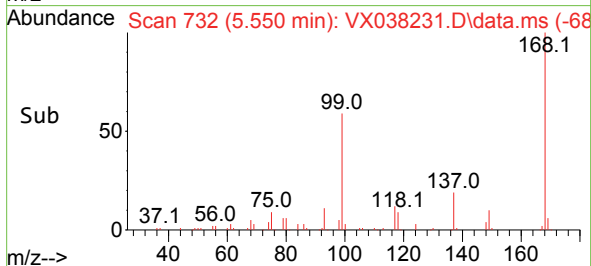


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

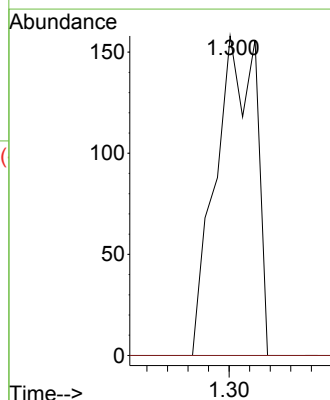
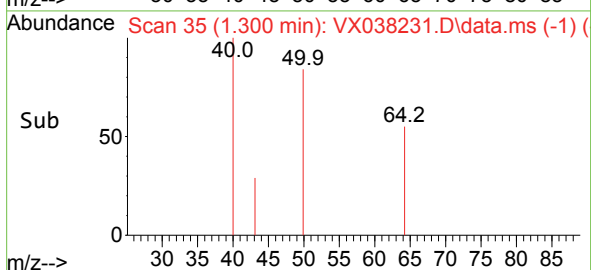
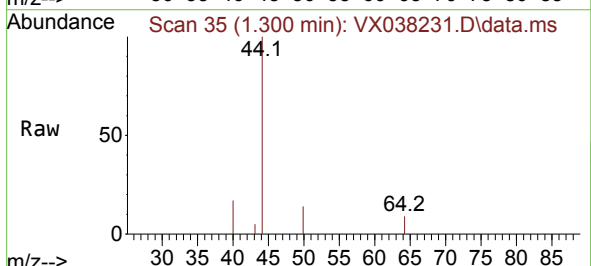


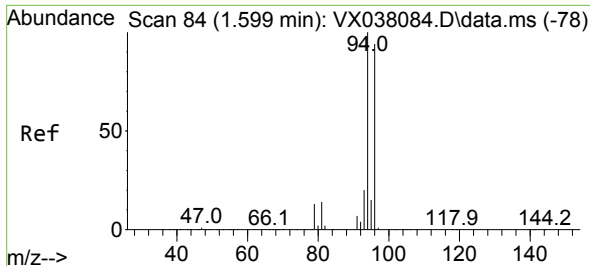
Tgt Ion:168 Resp: 106232
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Tgt Ion: 50 Resp: 215
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

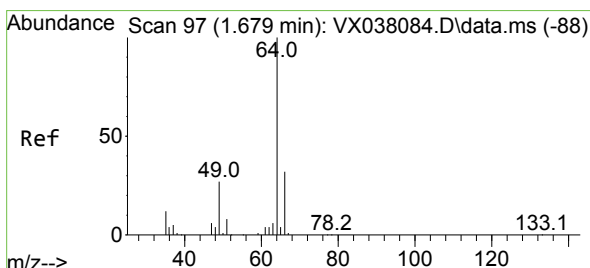
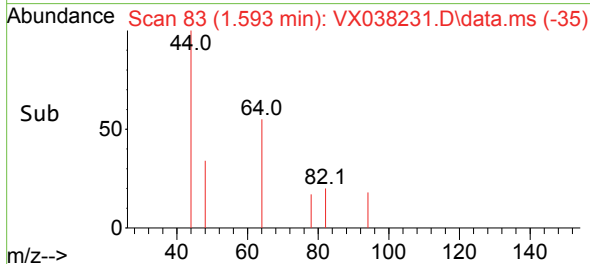
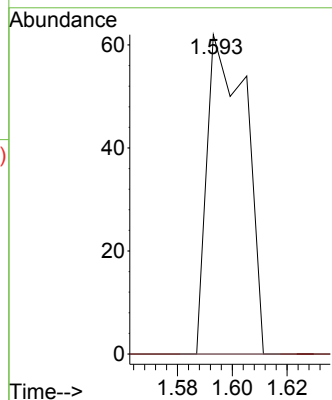
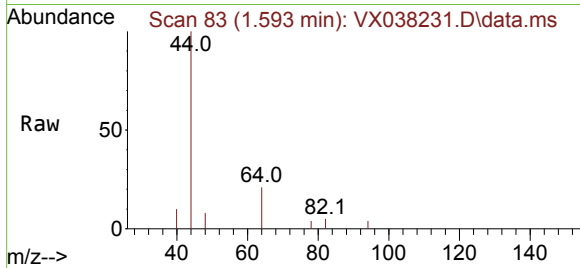




#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

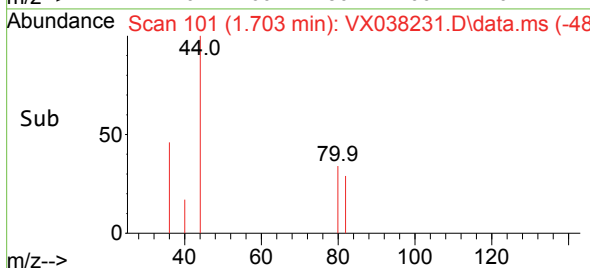
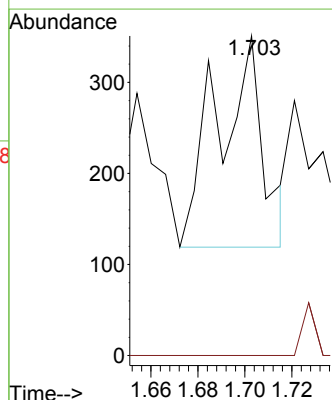
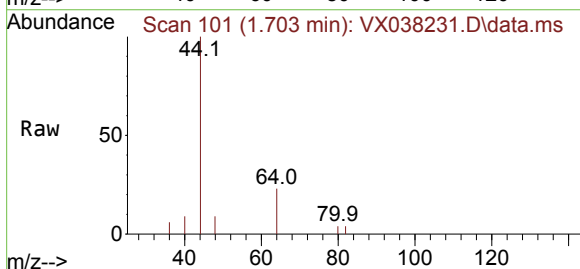
Instrument :
MSVOA_X
ClientSampleId :

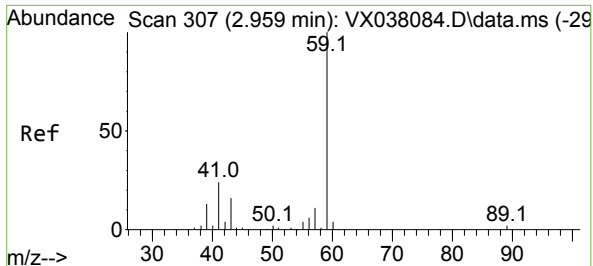
Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Tgt Ion: 64 Resp: 313
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

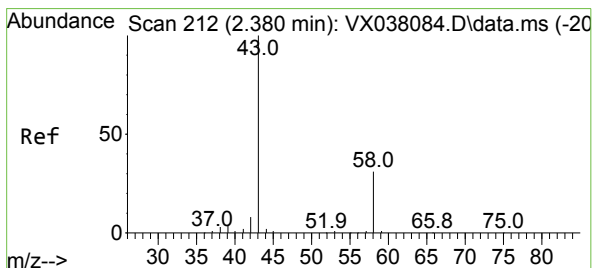
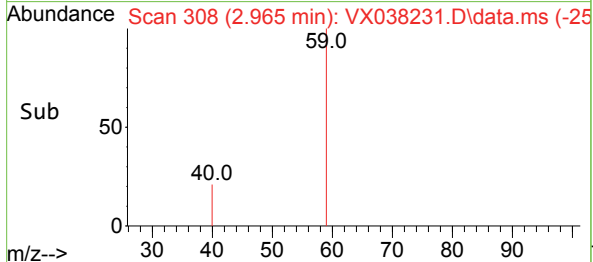
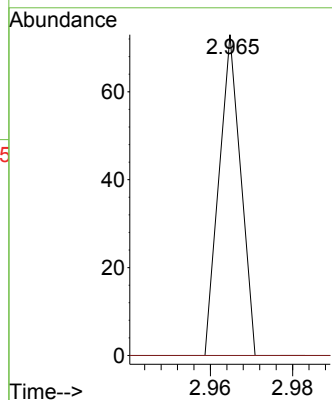
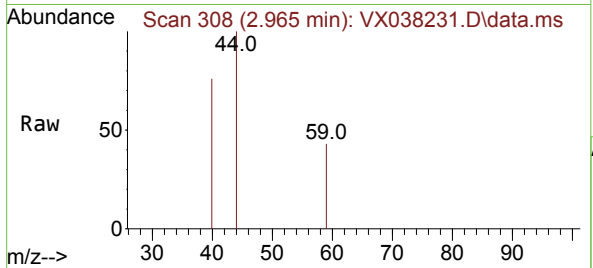




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

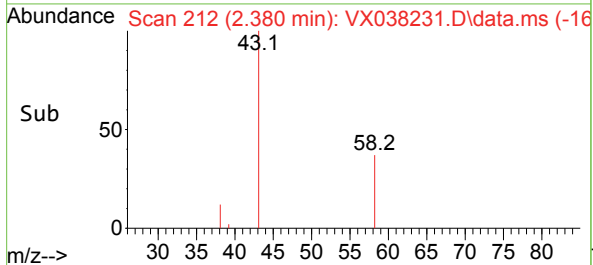
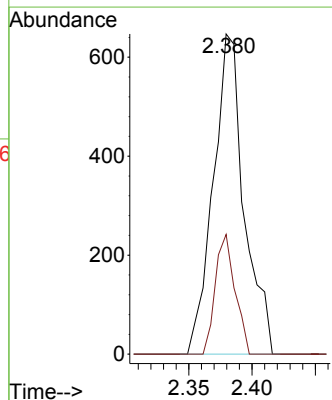
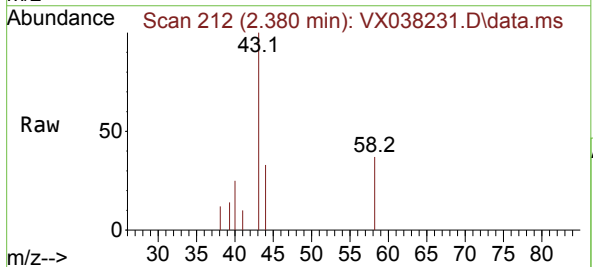
Instrument :
MSVOA_X
ClientSampleId :

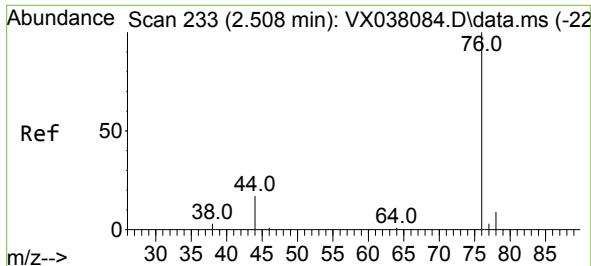
Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.540 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 37.4 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.262 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

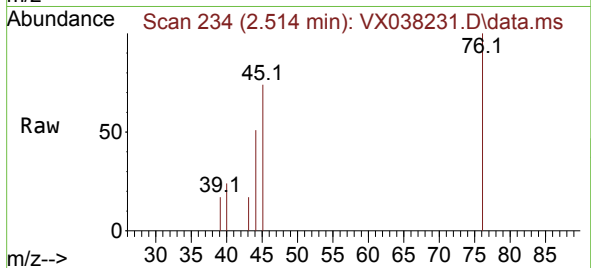
Lab File: VX038231.D

Acq: 11 Oct 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

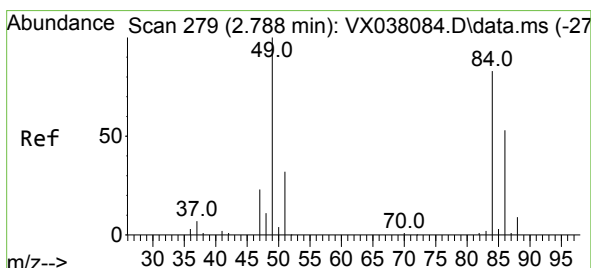
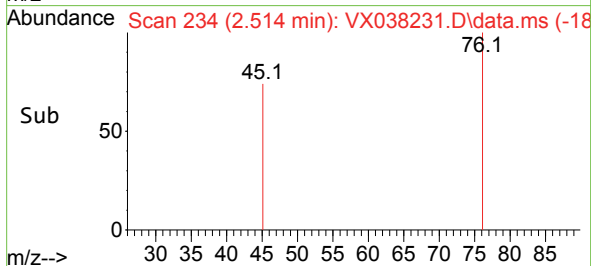
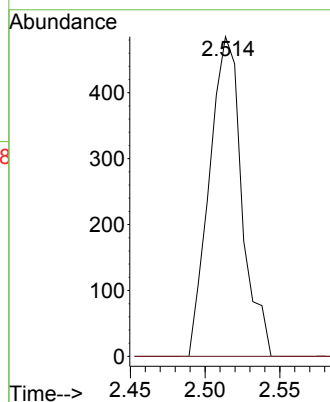


Tgt Ion: 76 Resp: 733

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.330 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038231.D

Acq: 11 Oct 2023 15:55

Tgt Ion: 84 Resp: 442

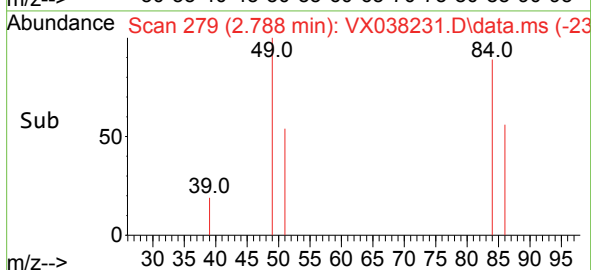
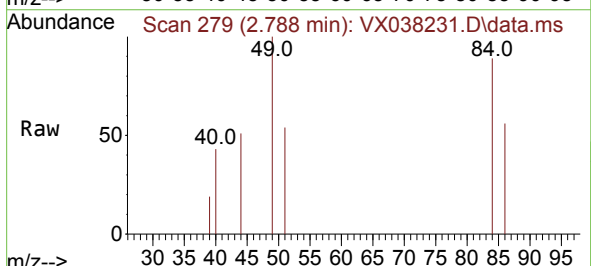
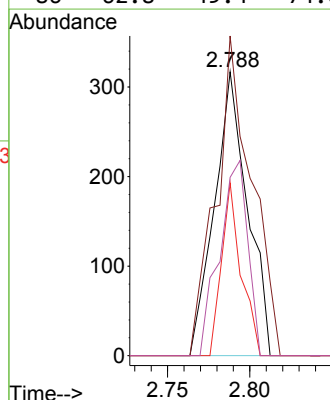
Ion Ratio Lower Upper

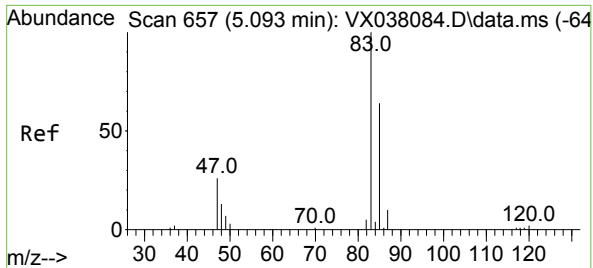
84 100

49 112.6 103.6 155.4

51 60.9 33.8 50.6#

86 62.8 49.4 74.0

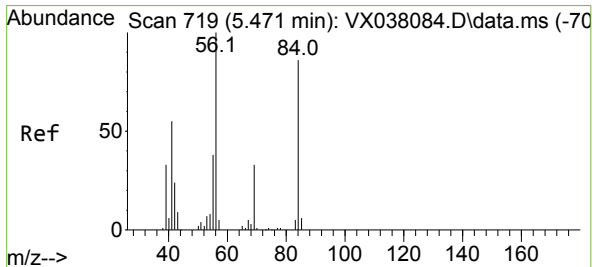
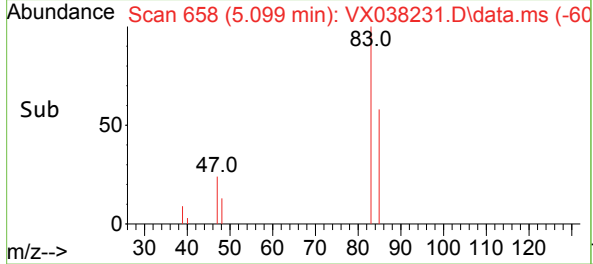
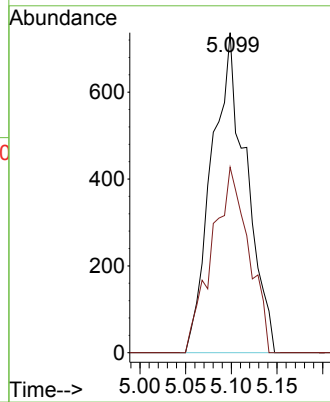
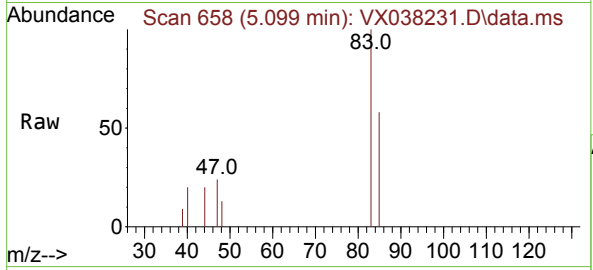




#30
Chloroform
Concen: 0.801 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

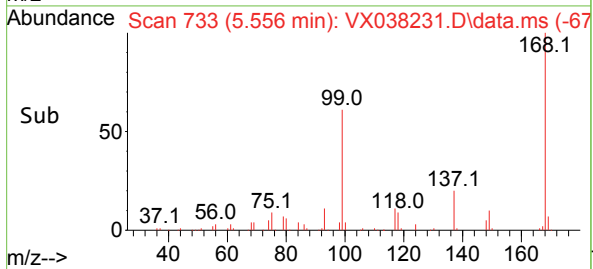
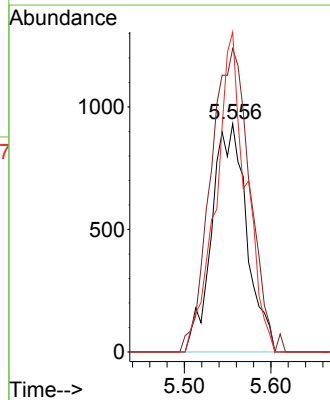
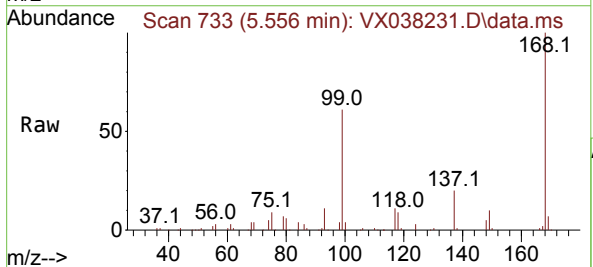
Instrument :
MSVOA_X
ClientSampleId :

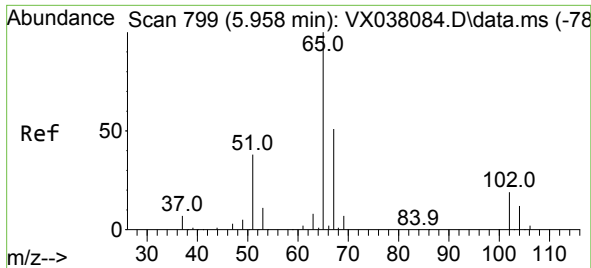
Tgt Ion: 83 Resp: 1937
Ion Ratio Lower Upper
83 100
85 57.9 50.3 75.5



#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Tgt Ion: 56 Resp: 2608
Ion Ratio Lower Upper
56 100
69 133.0 23.4 35.2#
84 140.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.259 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038231.D

Acq: 11 Oct 2023 15:55

Instrument :

MSVOA_X

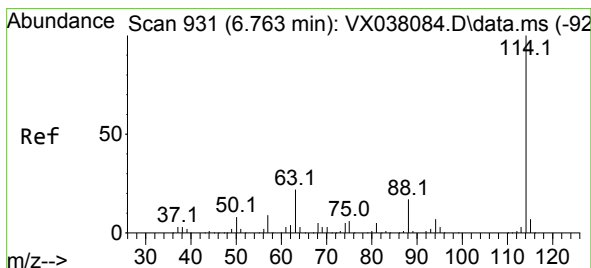
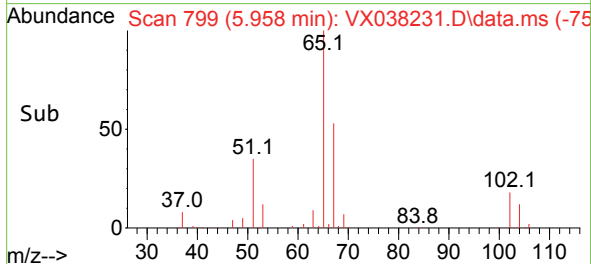
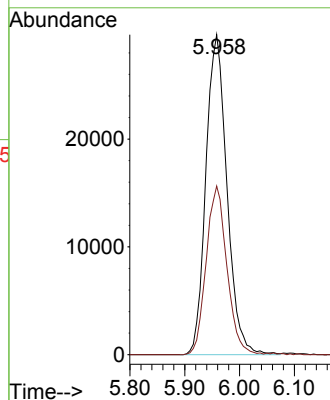
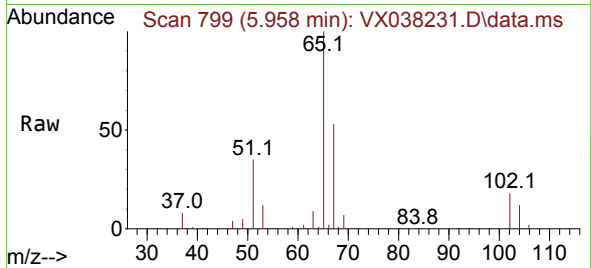
ClientSampleId :

Tgt Ion: 65 Resp: 79042

Ion Ratio Lower Upper

65 100

67 51.9 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: VX038231.D

Acq: 11 Oct 2023 15:55

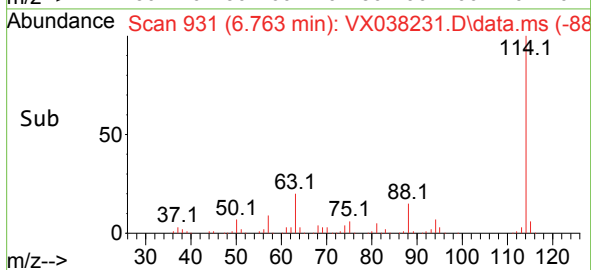
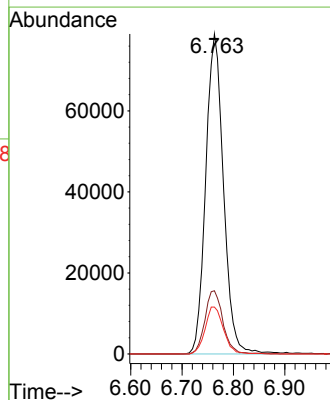
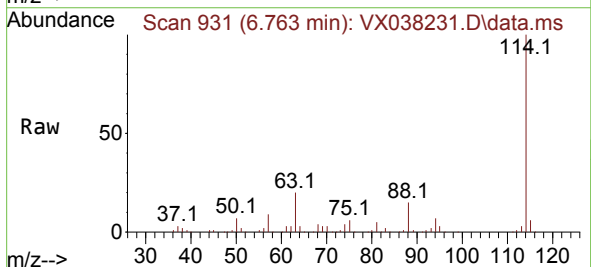
Tgt Ion: 114 Resp: 189477

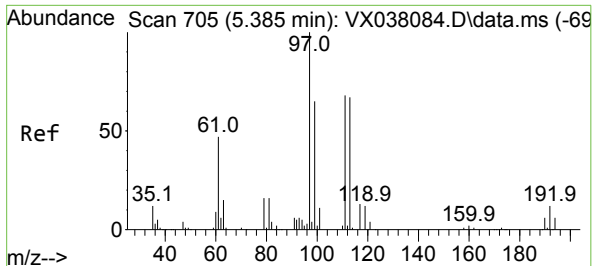
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

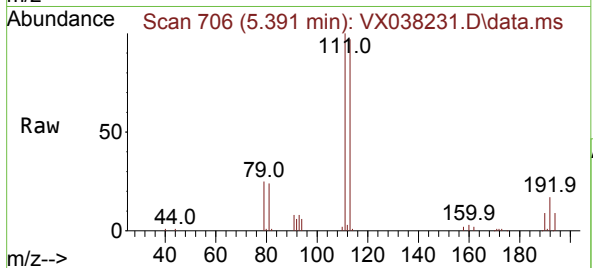
88 14.7 0.0 36.6



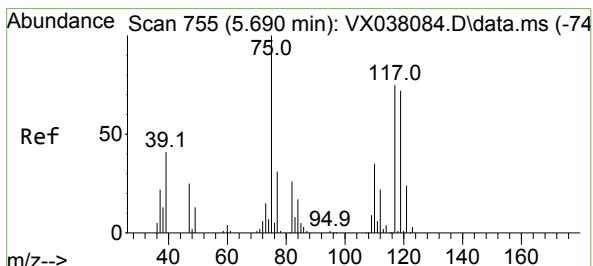
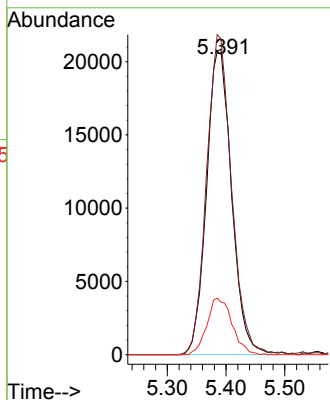
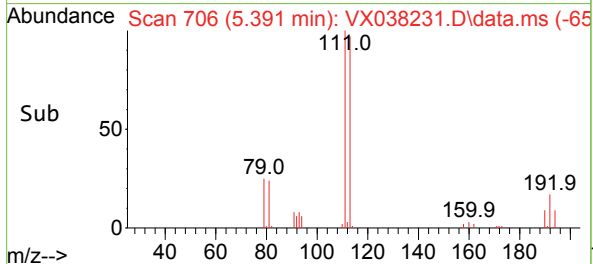


#35
Dibromofluoromethane
Concen: 45.173 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

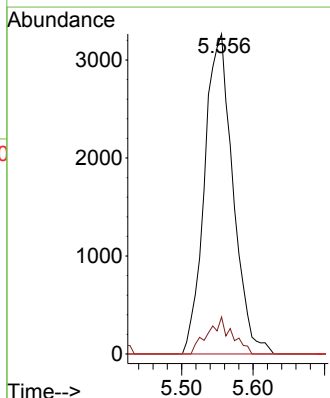
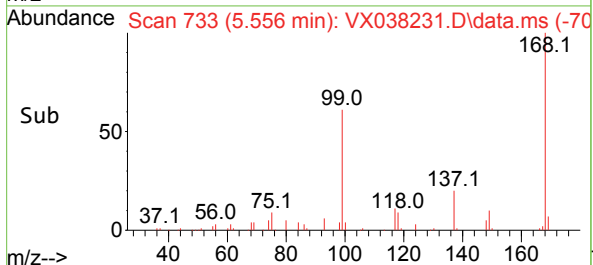
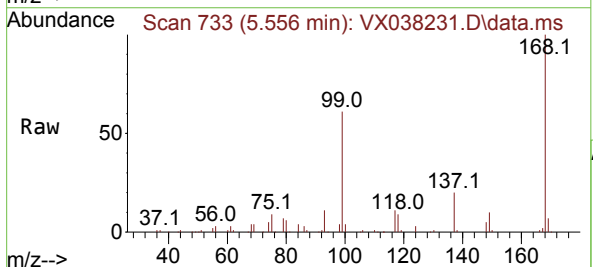


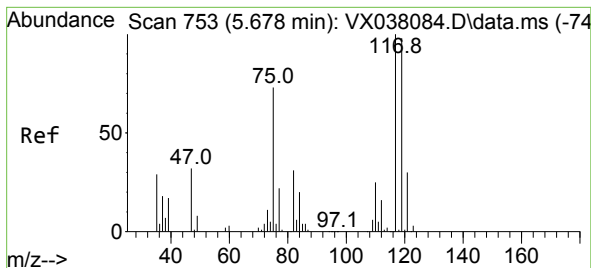
Tgt Ion:113 Resp: 61675
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Tgt Ion: 75 Resp: 9006
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.988 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

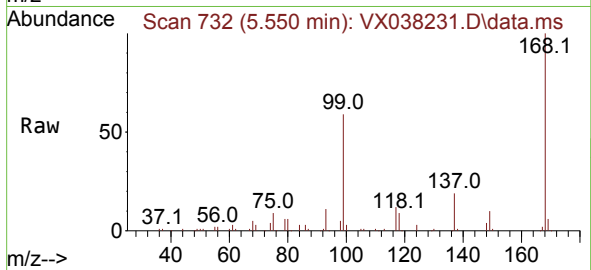
Lab File: VX038231.D

Acq: 11 Oct 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :



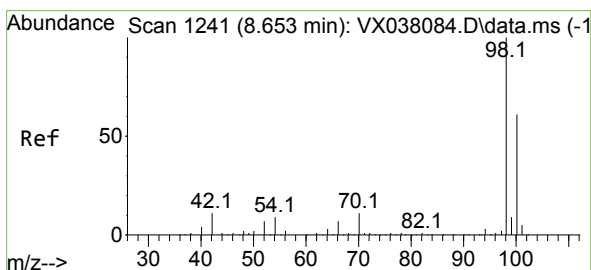
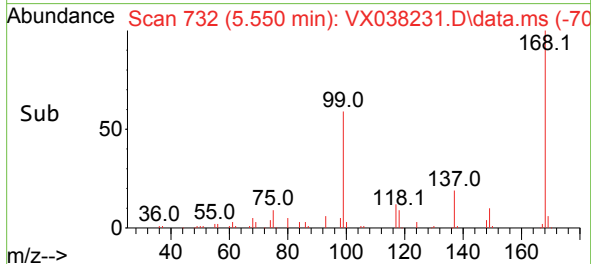
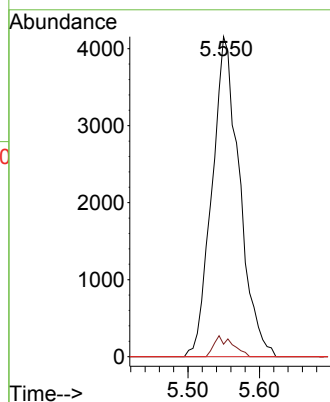
Tgt Ion:117 Resp: 11091

Ion Ratio Lower Upper

117 100

119 3.9 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 46.016 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038231.D

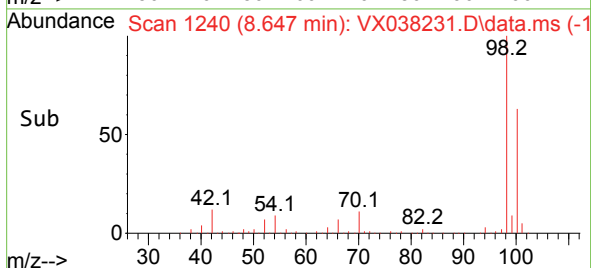
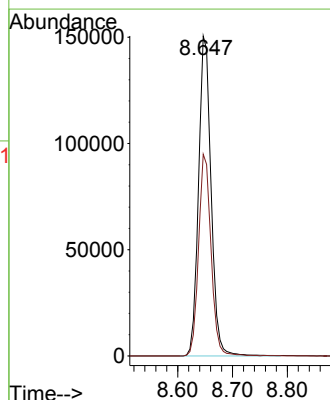
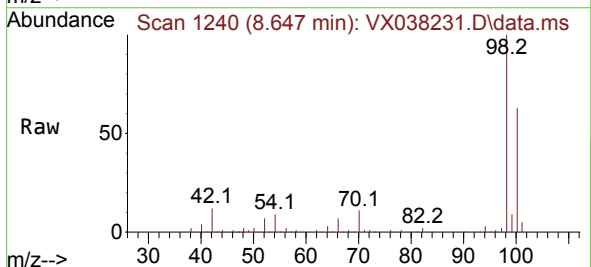
Acq: 11 Oct 2023 15:55

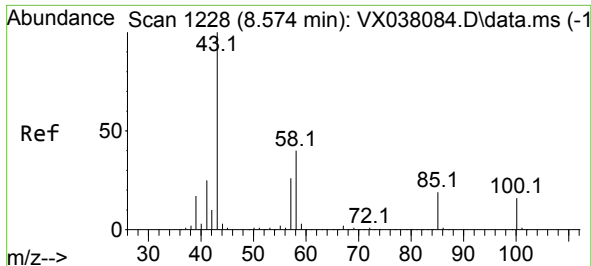
Tgt Ion: 98 Resp: 240075

Ion Ratio Lower Upper

98 100

100 62.7 53.1 79.7

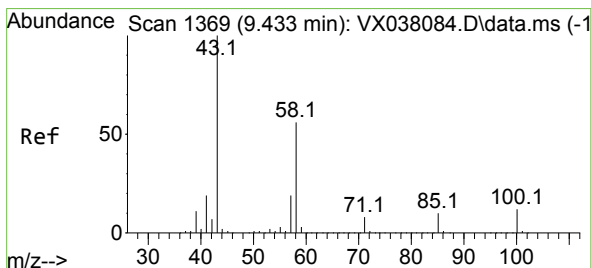
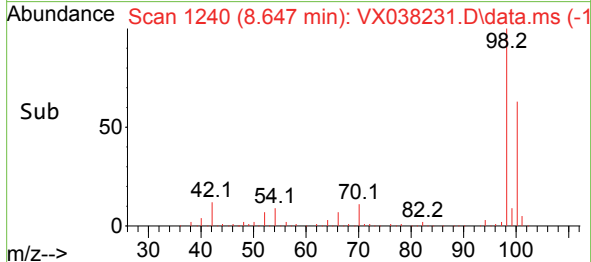
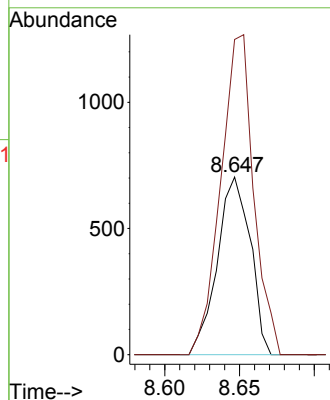
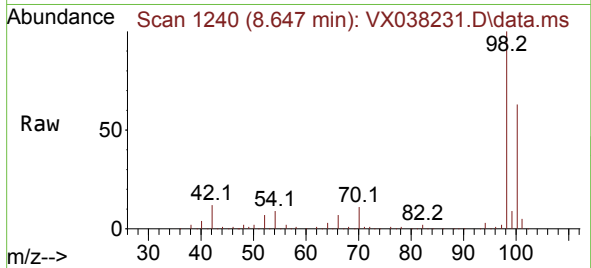




#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

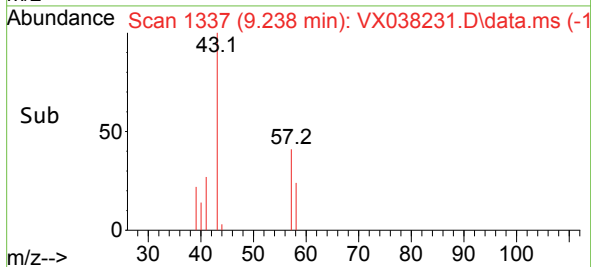
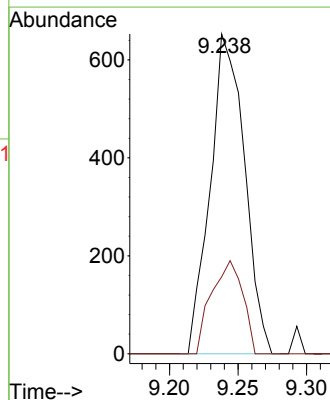
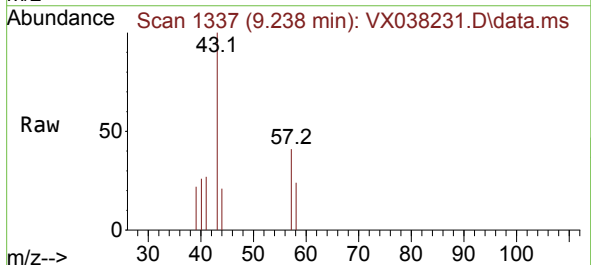
Instrument :
MSVOA_X
ClientSampleId :

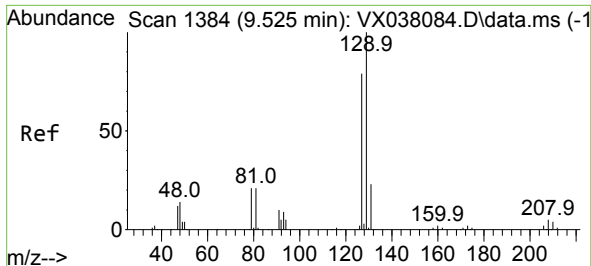
Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 179.6 30.4 45.6#



#59
2-Hexanone
Concen: 0.613 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. -0.195 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

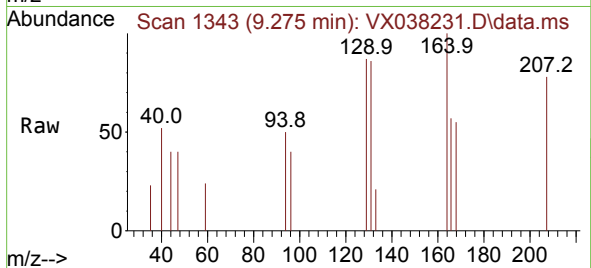
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 26.5 26.2 78.5



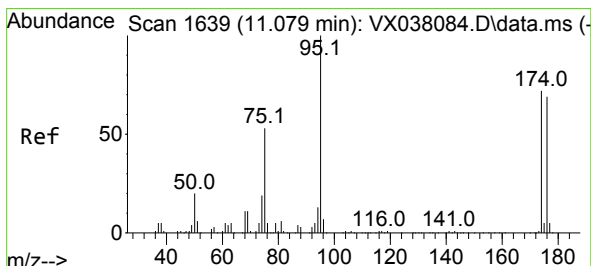
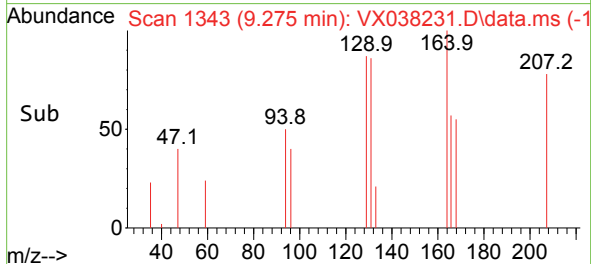
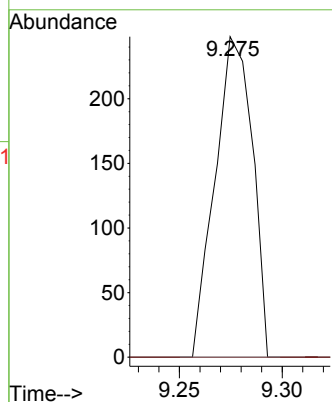


#60
Dibromochloromethane
Concen: 0.219 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

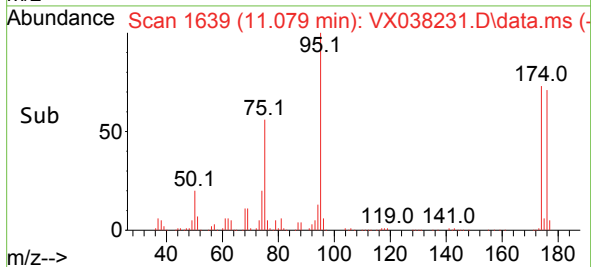
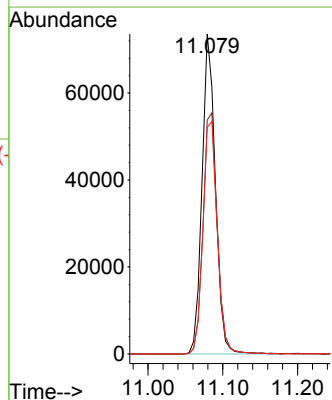
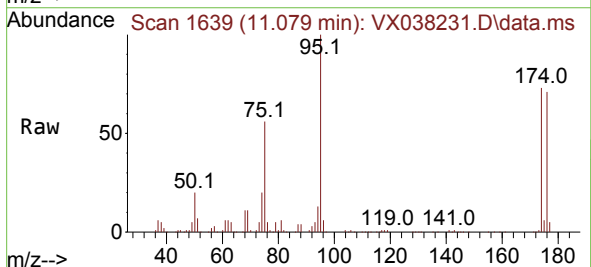


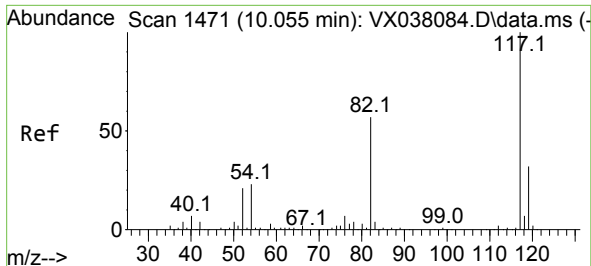
Tgt Ion:129 Resp: 314
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 46.052 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

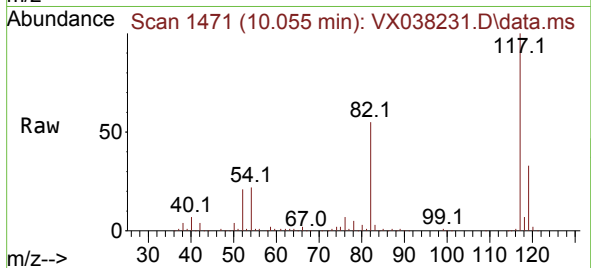
Tgt Ion: 95 Resp: 91085
Ion Ratio Lower Upper
95 100
174 80.9 0.0 135.6
176 78.2 0.0 131.0



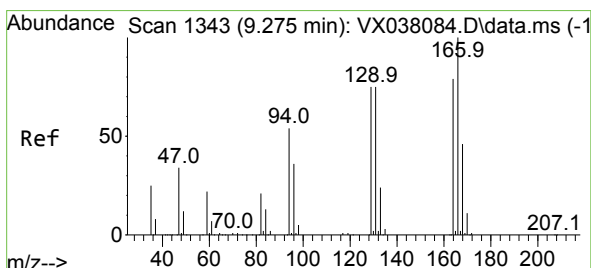
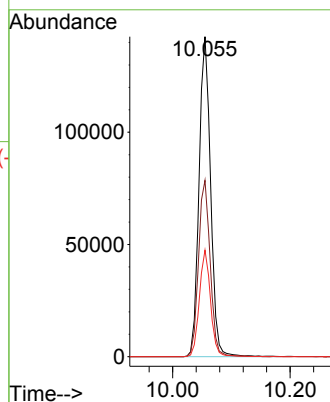
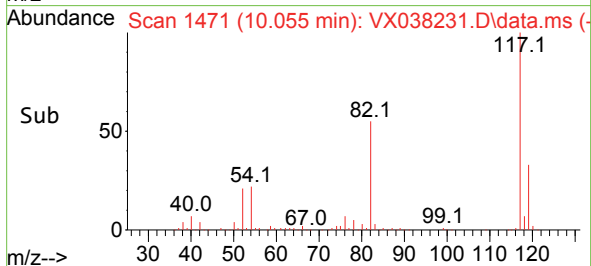


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Instrument :
MSVOA_X
ClientSampleId :

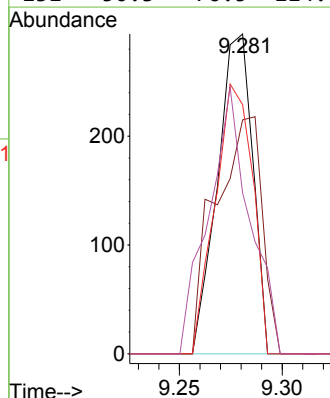
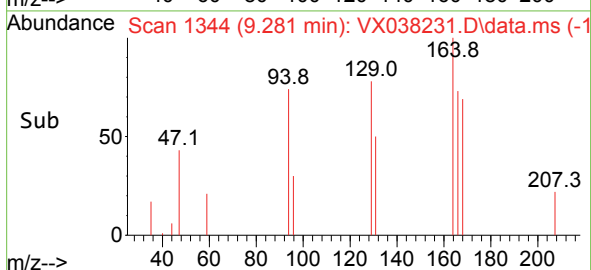
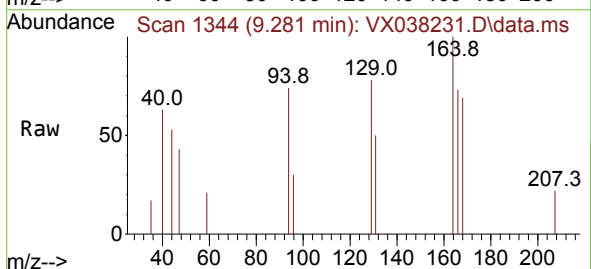


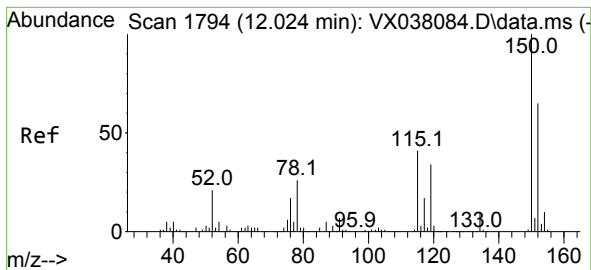
Tgt Ion:117 Resp: 194965
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.3 25.5 38.3



#64
Tetrachloroethene
Concen: 0.278 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX038231.D
Acq: 11 Oct 2023 15:55

Tgt Ion:164 Resp: 351
Ion Ratio Lower Upper
164 100
166 73.1 102.7 154.1#
129 77.9 80.4 120.6#
131 50.3 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038231.D

Acq: 11 Oct 2023 15:55

Instrument :

MSVOA_X

ClientSampleId :

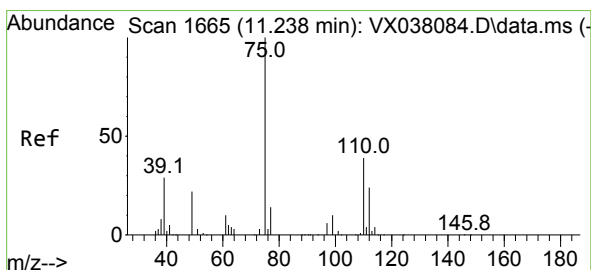
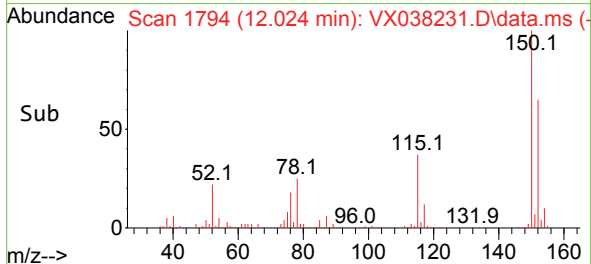
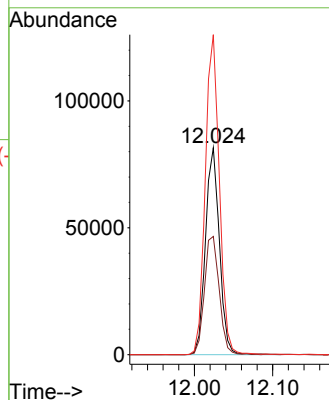
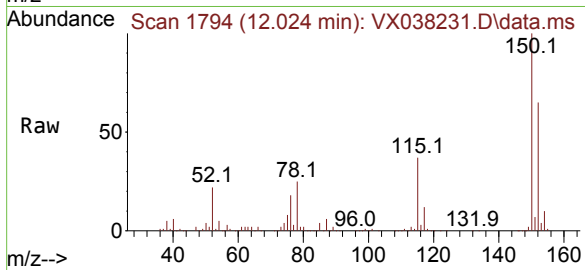
Tgt Ion:152 Resp: 100485

Ion Ratio Lower Upper

152 100

115 60.8 43.3 129.9

150 156.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.549 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038231.D

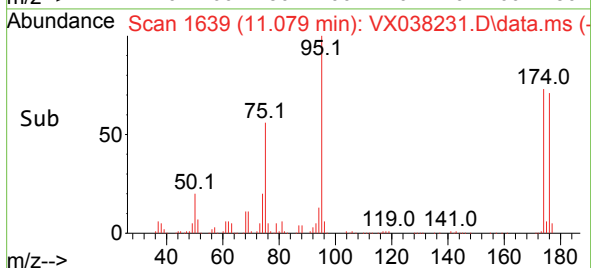
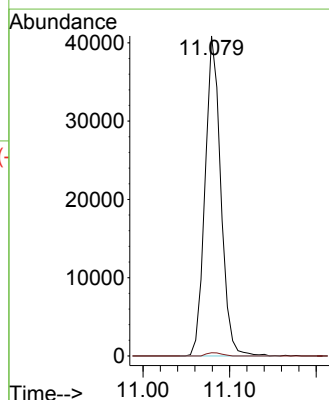
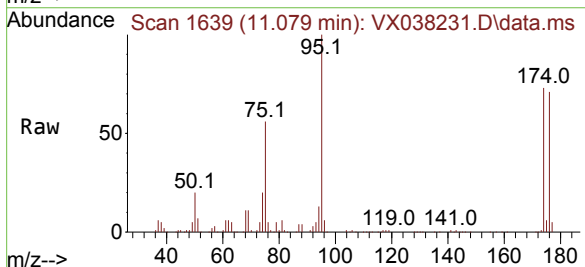
Acq: 11 Oct 2023 15:55

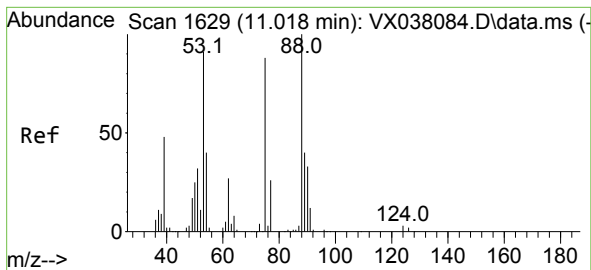
Tgt Ion: 75 Resp: 51512

Ion Ratio Lower Upper

75 100

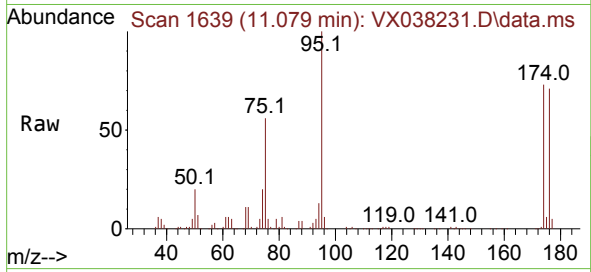
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.565 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038231.D
 Acq: 11 Oct 2023 15:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 51512
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

