

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038192.D
 Acq On : 10 Oct 2023 11:41
 Operator : JC/MD
 Sample : 04782-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 01:35:31 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)

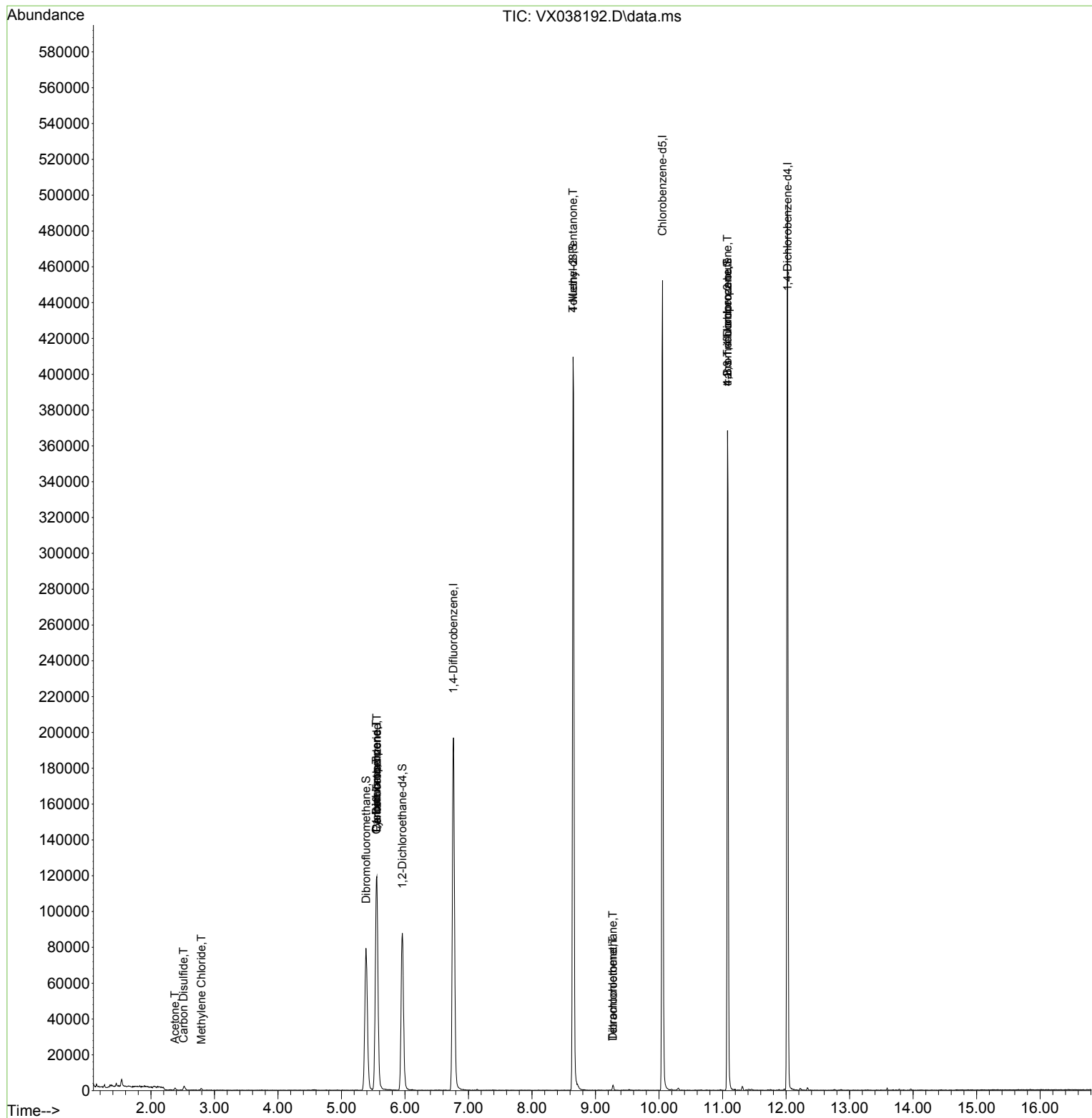
Internal Standards						
1) Pentafluorobenzene	5.556	168	115271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85198	45.952	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.900%
35) Dibromofluoromethane	5.385	113	66983	45.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.200%
50) Toluene-d8	8.647	98	250427	44.611	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.220%#
62) 4-Bromofluorobenzene	11.079	95	91258	42.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.544	94	47	Below Cal	#	3
6) Chloroethane	1.660	64	61	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	47	Below Cal	#	78
16) Acetone	2.380	43	1108	1.432	ug/l #	42
17) Carbon Disulfide	2.514	76	1248	0.411	ug/l	100
20) Methylene Chloride	2.794	84	438	0.301	ug/l #	65
31) Cyclohexane	5.550	56	3105	1.546	ug/l #	54
36) 1,1-Dichloropropene	5.550	75	9575	4.727	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11970	6.006	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1096	0.442	ug/l #	1
60) Dibromochloromethane	9.275	129	347	0.225	ug/l #	11
64) Tetrachloroethene	9.275	164	312	0.245	ug/l #	73
76) 1,2,3-Trichloropropane	11.079	75	51757	22.686	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51757	64.931	ug/l #	5

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

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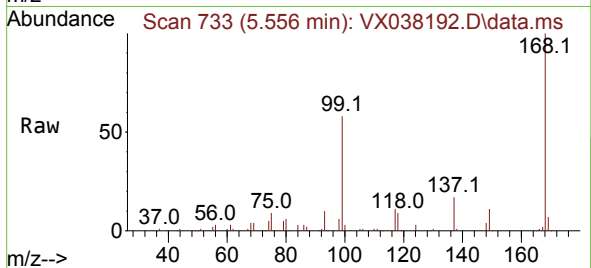
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



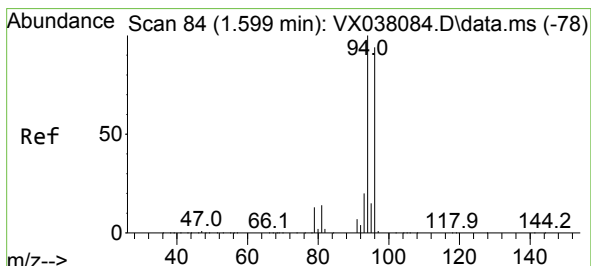
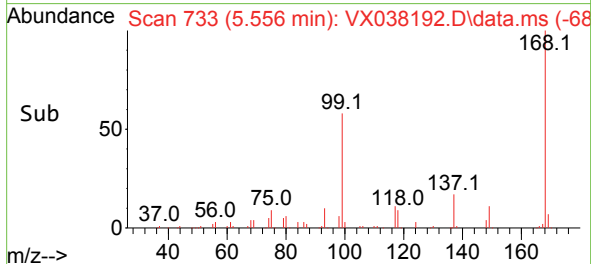
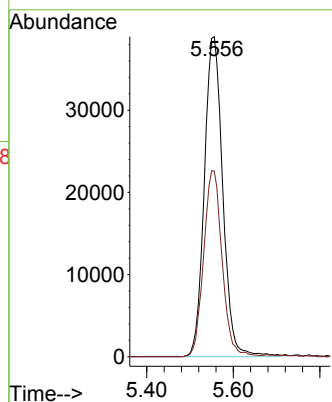


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :

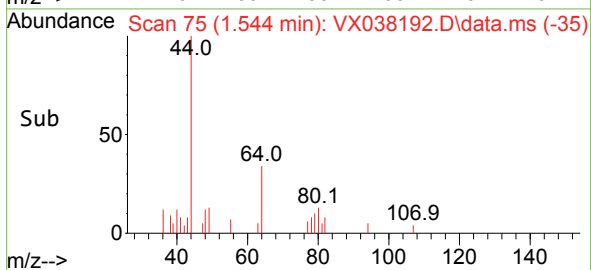
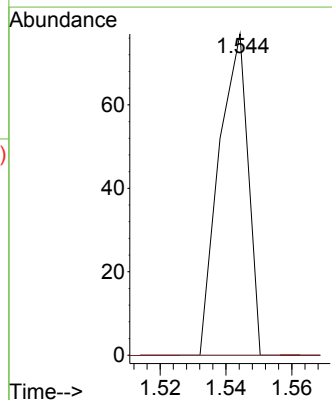
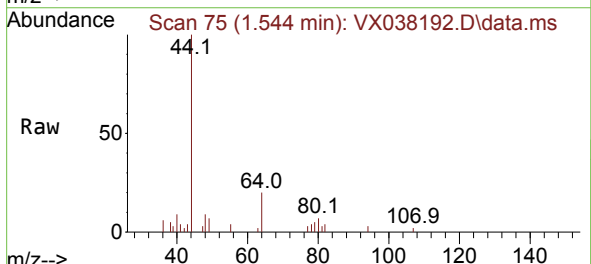


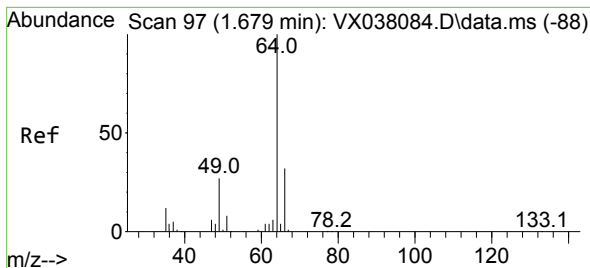
Tgt Ion:168 Resp: 115271
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 75
Delta R.T. -0.055 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

Tgt Ion: 94 Resp: 47
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.660 min Scan# 94

Delta R.T. -0.019 min

Lab File: VX038192.D

Acq: 10 Oct 2023 11:41

Instrument :

MSVOA_X

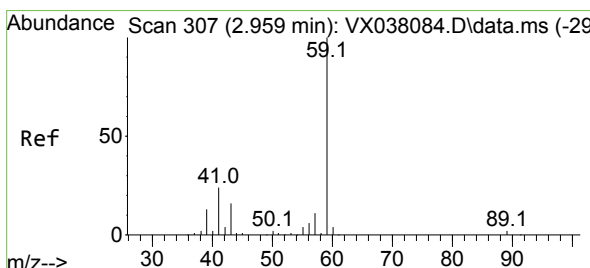
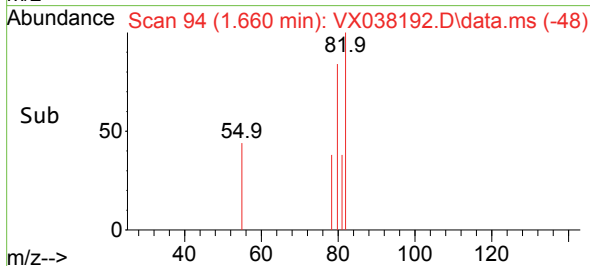
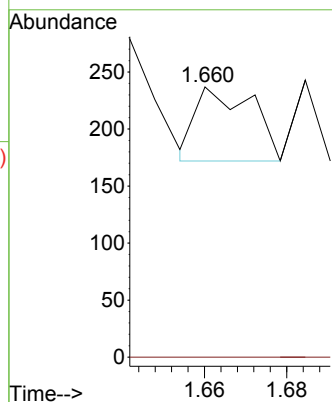
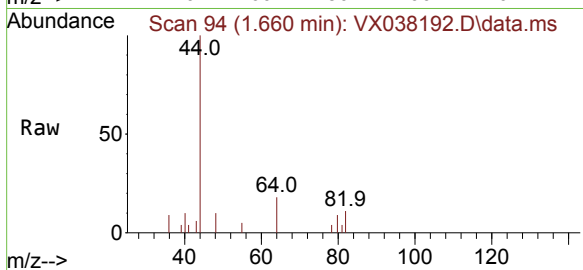
ClientSampleId :

Tgt Ion: 64 Resp: 61

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: VX038192.D

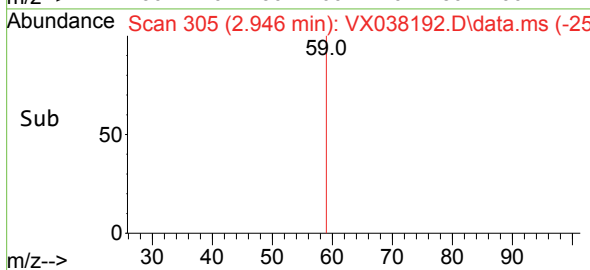
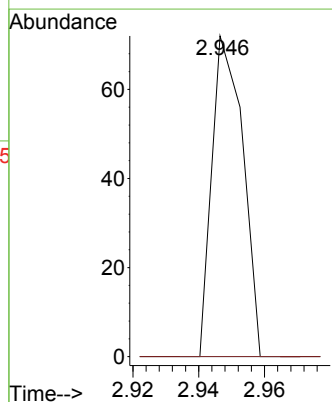
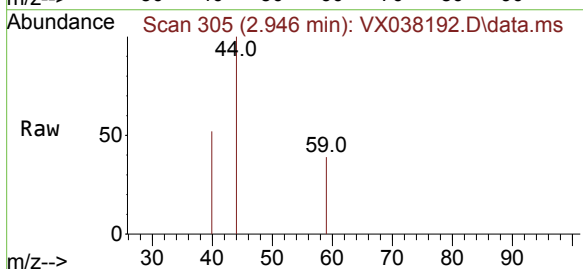
Acq: 10 Oct 2023 11:41

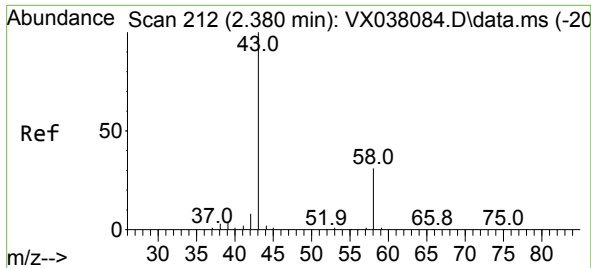
Tgt Ion: 59 Resp: 47

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

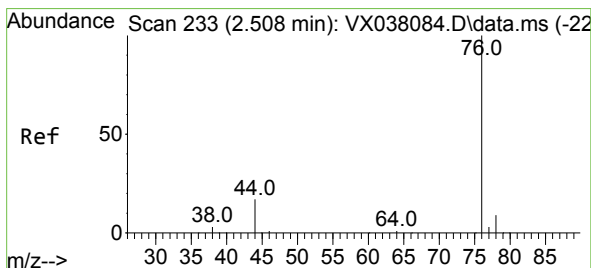
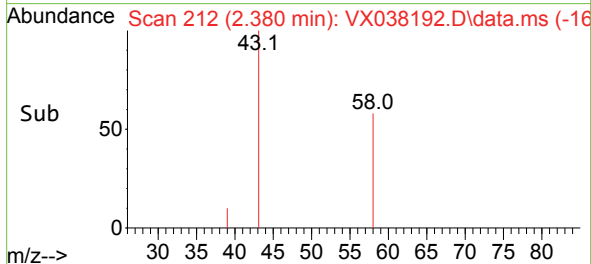
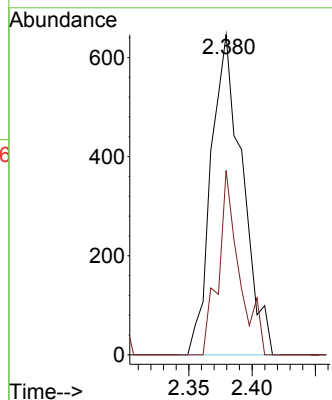
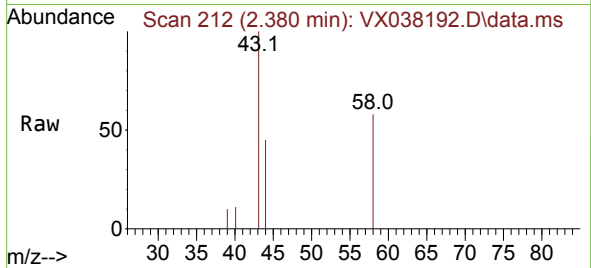




#16
Acetone
Concen: 1.432 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

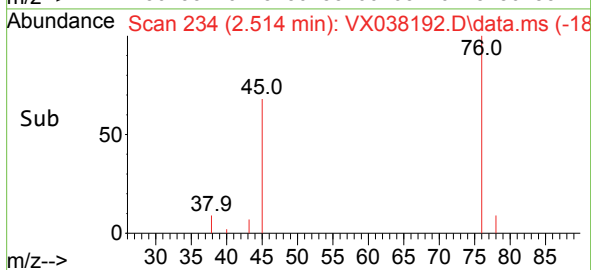
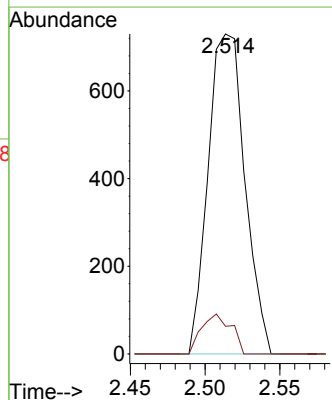
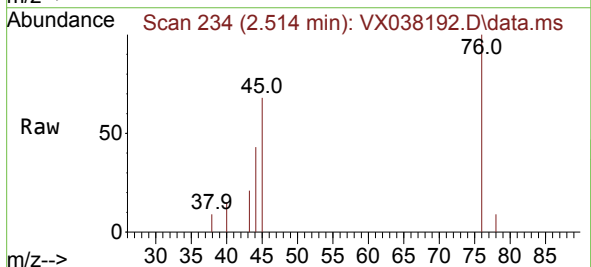
Instrument :
MSVOA_X
ClientSampleId :

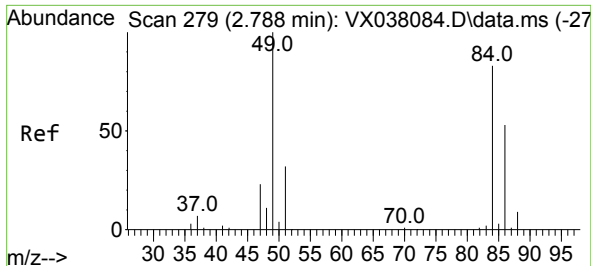
Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
58 57.6 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

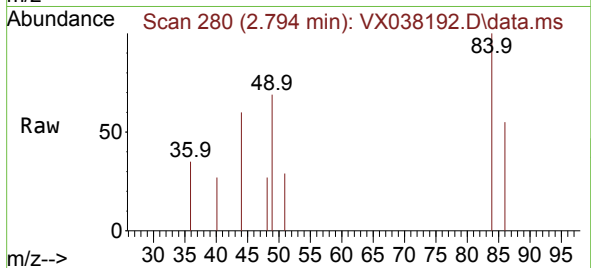
Tgt Ion: 76 Resp: 1248
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6





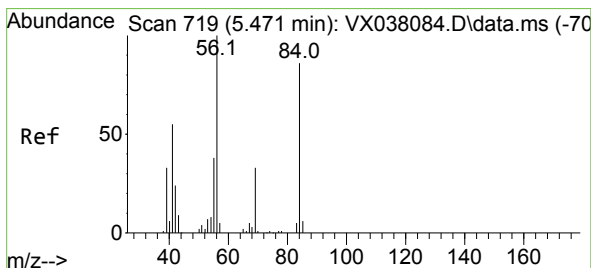
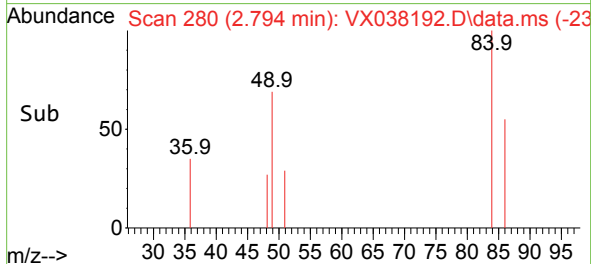
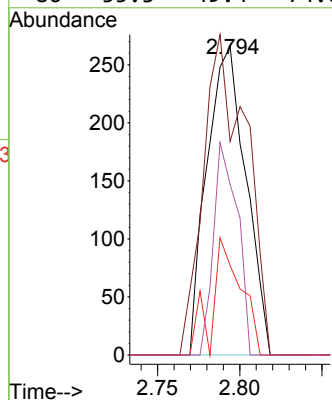
#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 438

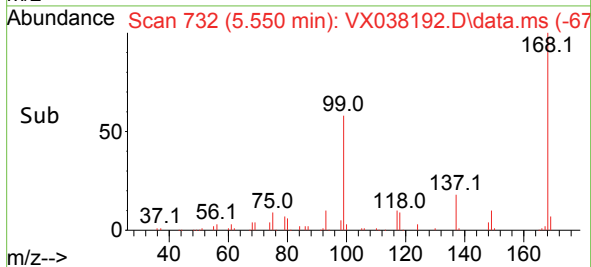
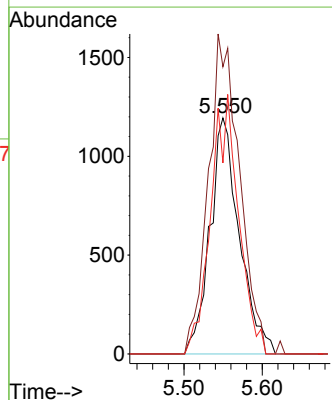
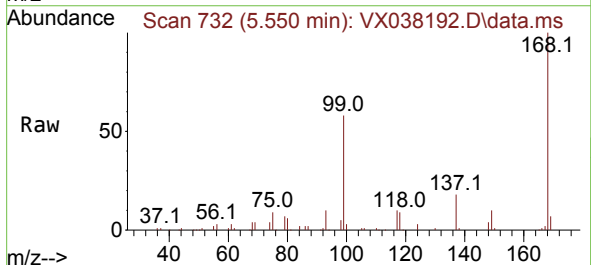
Ion	Ratio	Lower	Upper
84	100		
49	69.2	103.6	155.4#
51	28.9	33.8	50.6#
86	55.3	49.4	74.0

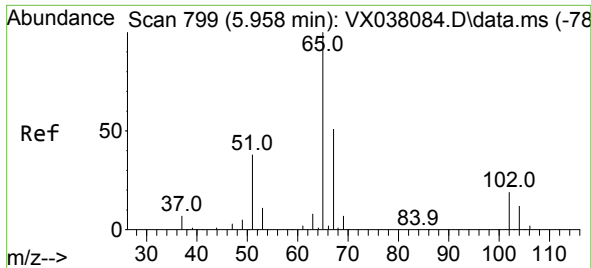


#31
Cyclohexane
Concen: 1.546 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

Tgt Ion: 56 Resp: 3105

Ion	Ratio	Lower	Upper
56	100		
69	121.7	23.4	35.2#
84	80.9	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 45.952 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038192.D

Acq: 10 Oct 2023 11:41

Instrument :

MSVOA_X

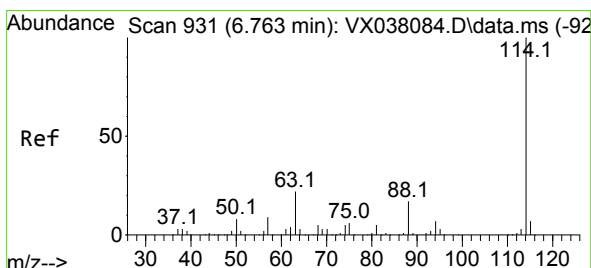
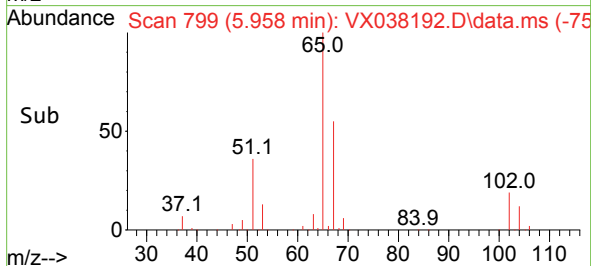
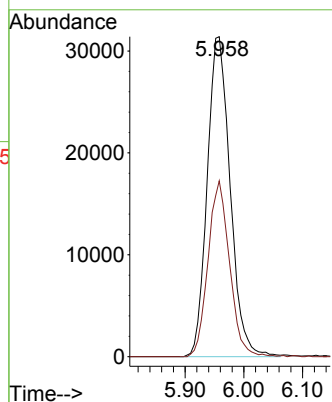
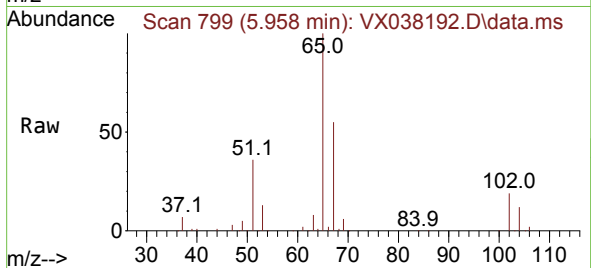
ClientSampleId :

Tgt Ion: 65 Resp: 85198

Ion Ratio Lower Upper

65 100

67 51.6 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: VX038192.D

Acq: 10 Oct 2023 11:41

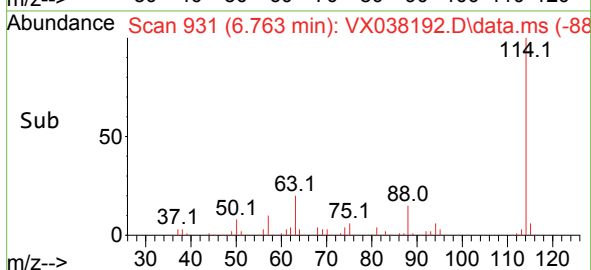
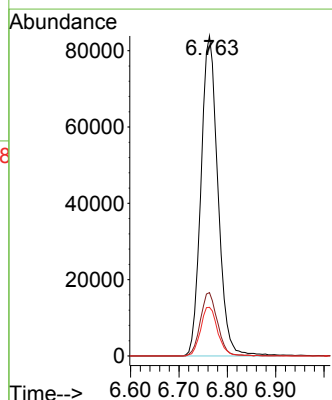
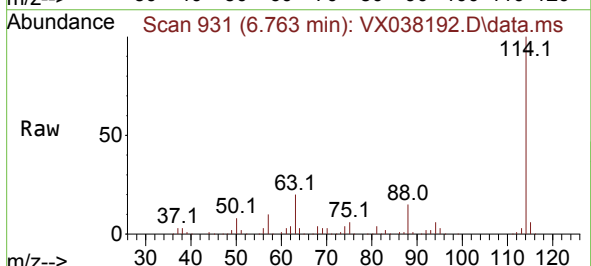
Tgt Ion: 114 Resp: 203875

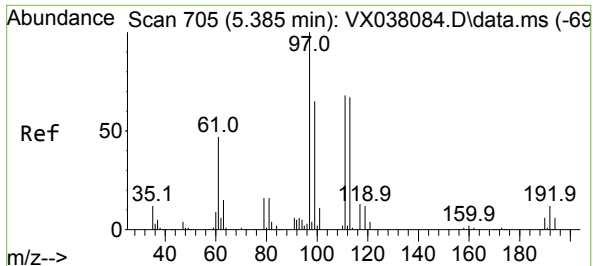
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 15.2 0.0 36.6

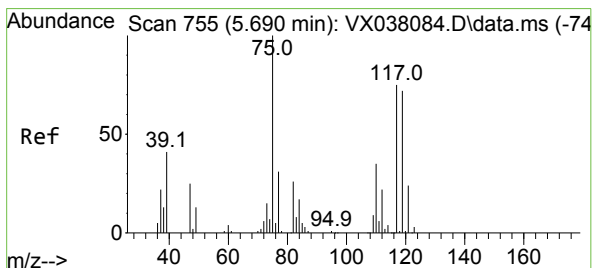
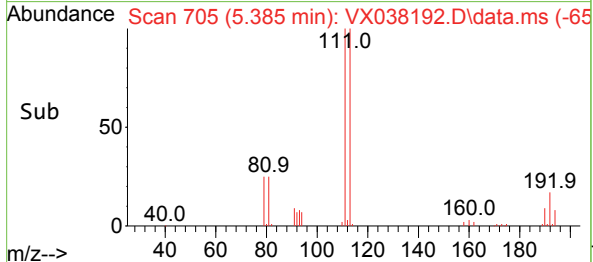
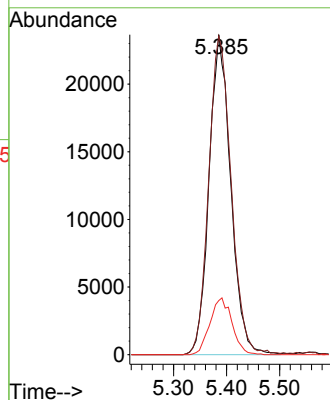
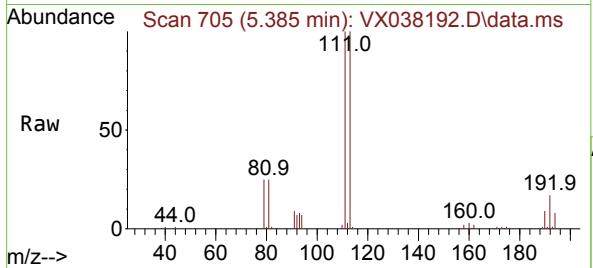




#35
Dibromofluoromethane
Concen: 45.596 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

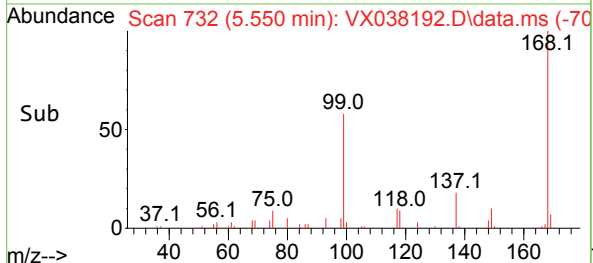
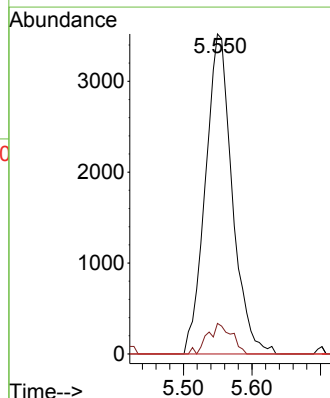
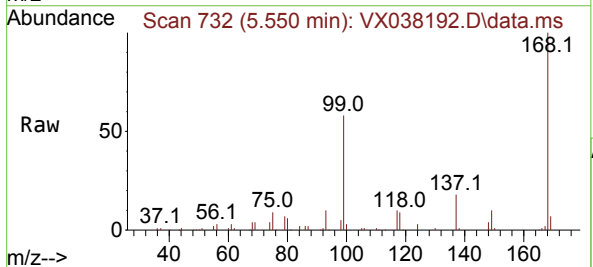
Instrument :
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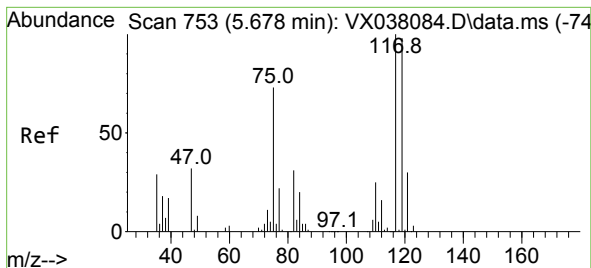
Tgt Ion:113 Resp: 66983
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

Tgt Ion: 75 Resp: 9575
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.006 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

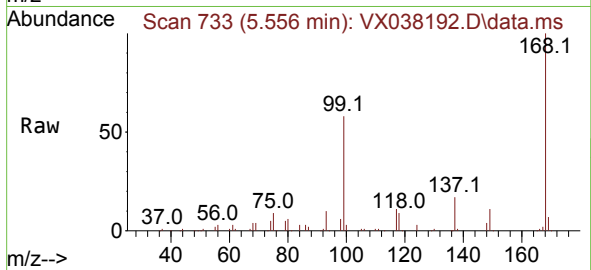
Lab File: VX038192.D

Acq: 10 Oct 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :



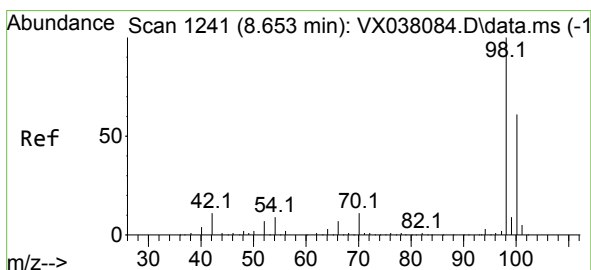
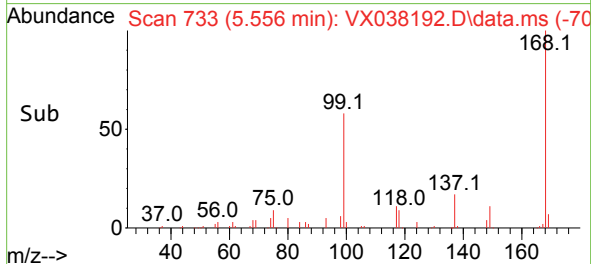
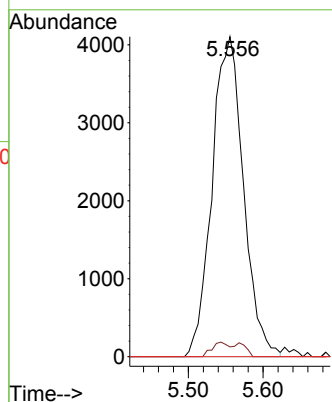
Tgt Ion:117 Resp: 11970

Ion Ratio Lower Upper

117 100

119 3.0 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 44.611 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038192.D

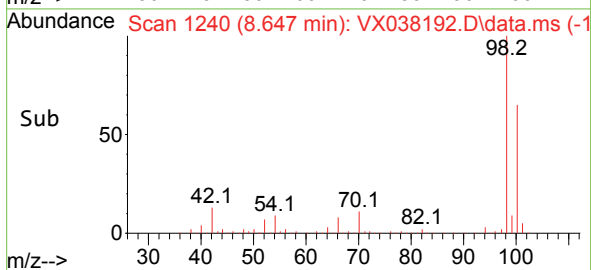
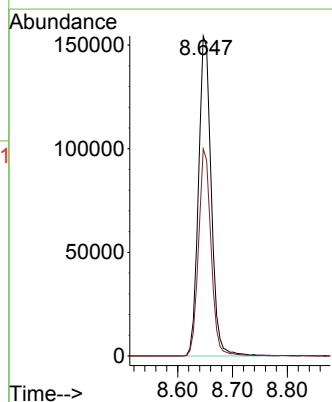
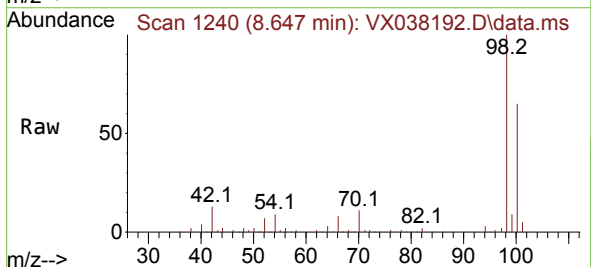
Acq: 10 Oct 2023 11:41

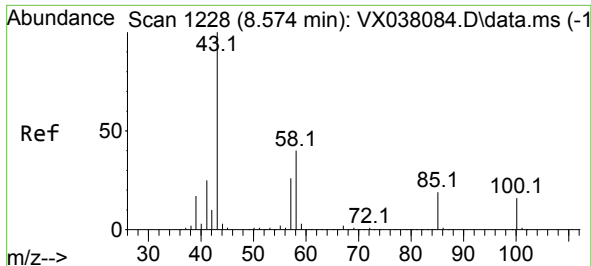
Tgt Ion: 98 Resp: 250427

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7

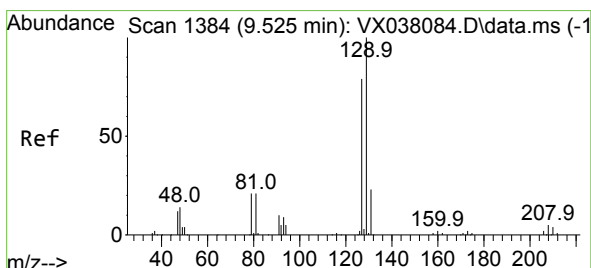
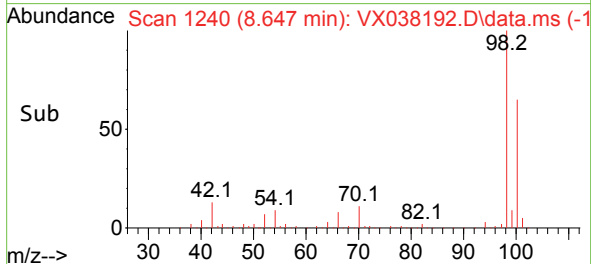
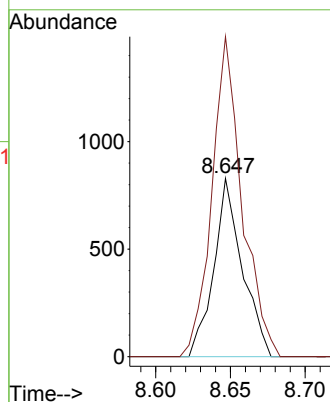
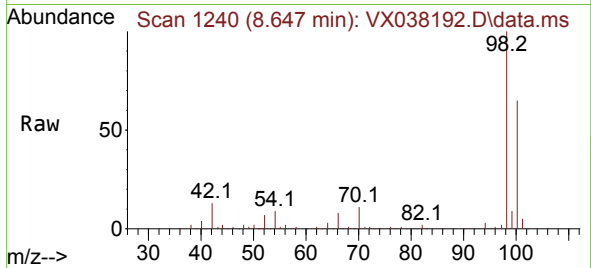




#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

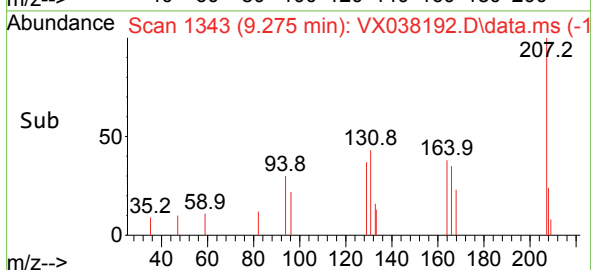
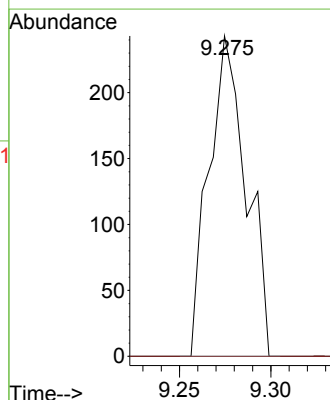
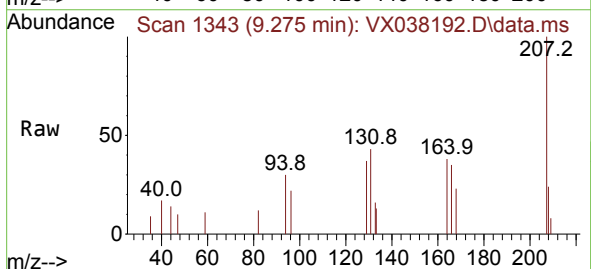
Instrument :
MSVOA_X
ClientSampleId :

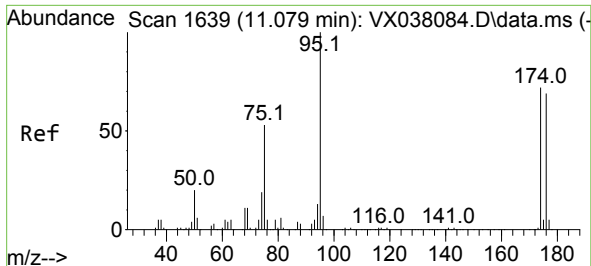
Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 190.2 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.225 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

Tgt Ion: 129 Resp: 347
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#





#62

4-Bromofluorobenzene

Concen: 42.881 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038192.D

Acq: 10 Oct 2023 11:41

Instrument :

MSVOA_X

ClientSampleId :

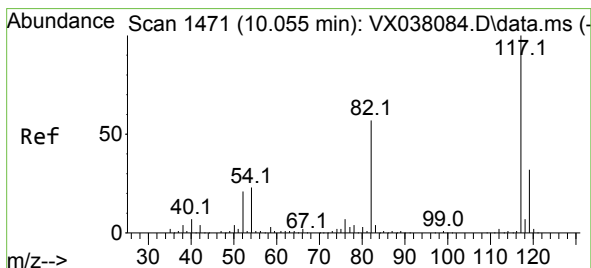
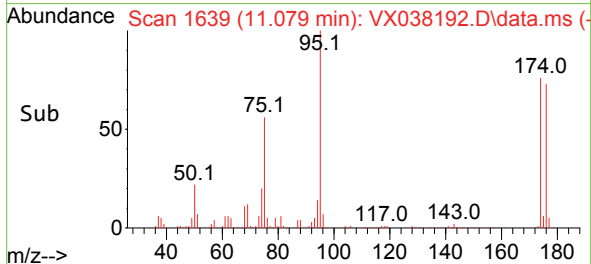
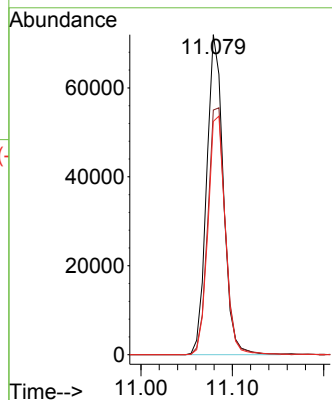
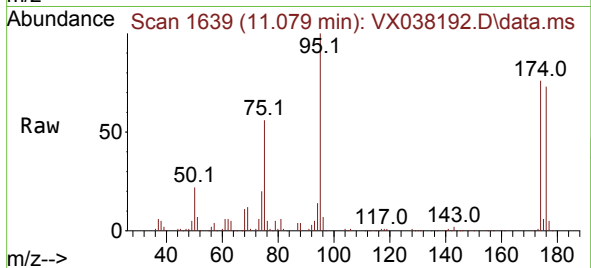
Tgt Ion: 95 Resp: 91258

Ion Ratio Lower Upper

95 100

174 81.0 0.0 135.6

176 77.4 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: VX038192.D

Acq: 10 Oct 2023 11:41

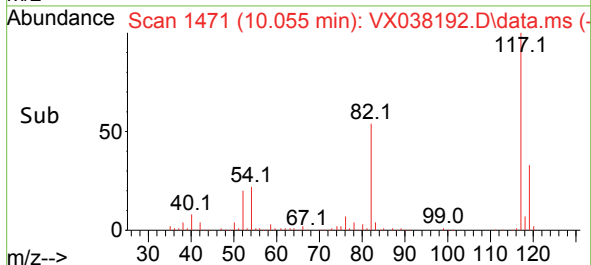
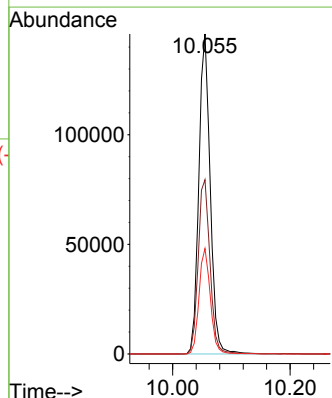
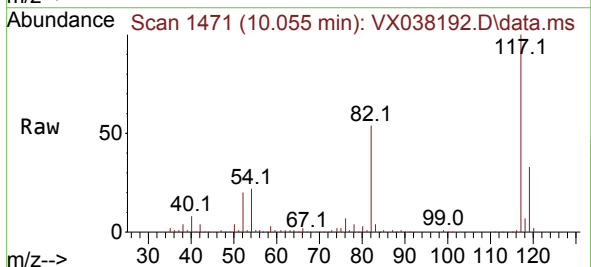
Tgt Ion: 117 Resp: 196439

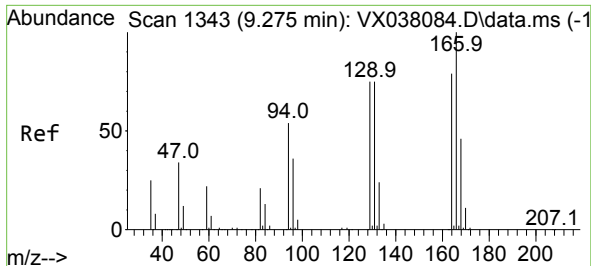
Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

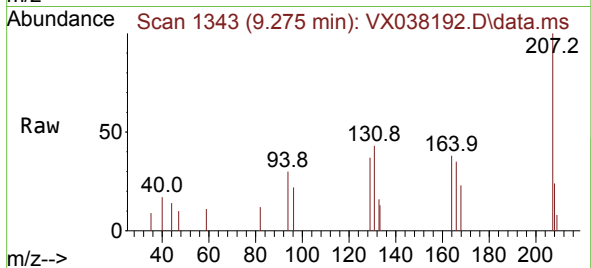
119 32.9 25.5 38.3



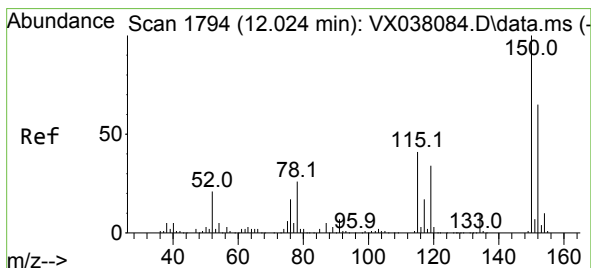
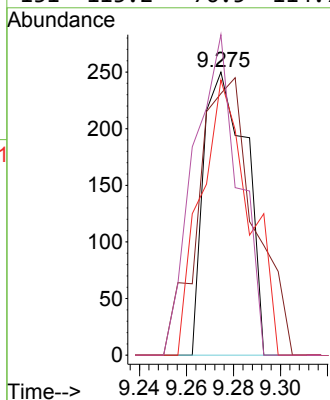
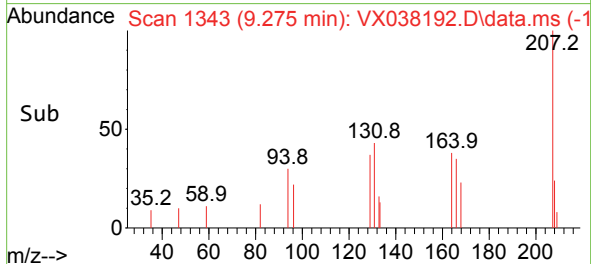


#64
Tetrachloroethene
Concen: 0.245 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

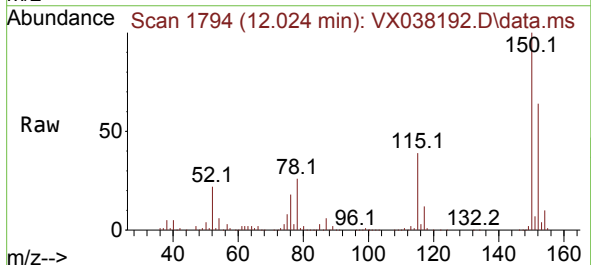
Instrument :
MSVOA_X
ClientSampleId :



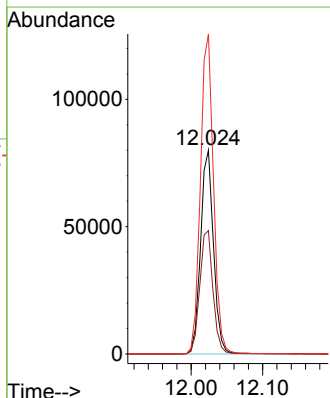
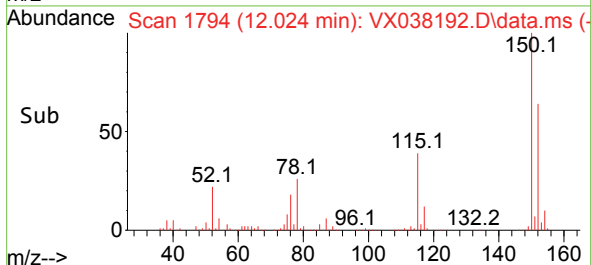
Tgt Ion:164 Resp: 312
Ion Ratio Lower Upper
164 100
166 66.8 102.7 154.1#
129 97.2 80.4 120.6
131 113.2 76.5 114.7

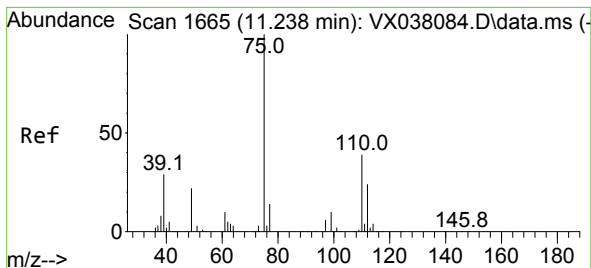


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41



Tgt Ion:152 Resp: 100357
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 159.1 0.0 345.0

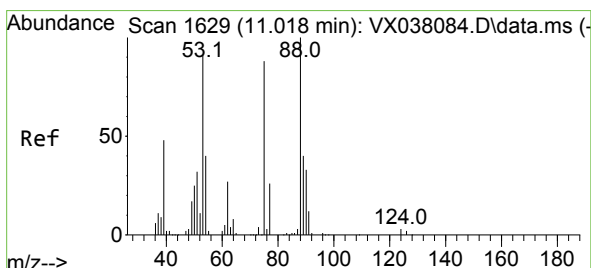
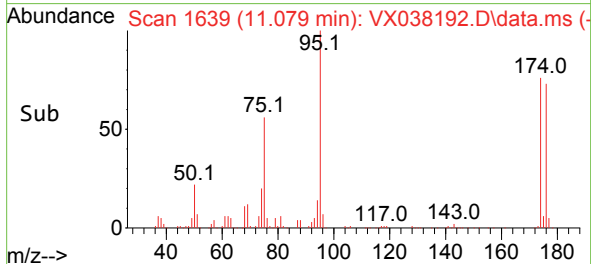
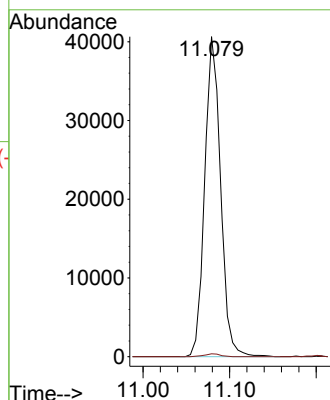
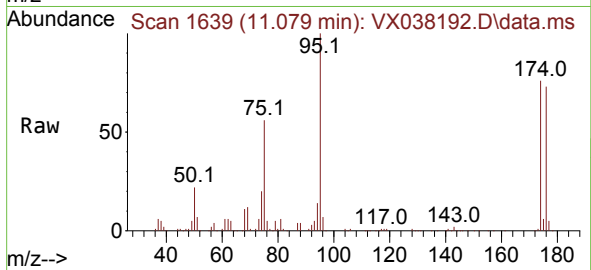




#76
1,2,3-Trichloropropane
Concen: 22.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 51757
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038192.D
Acq: 10 Oct 2023 11:41

Tgt Ion: 75 Resp: 51757
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

