

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031502.D
 Acq On : 20 Sep 2022 17:43
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Sep 21 04:54:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

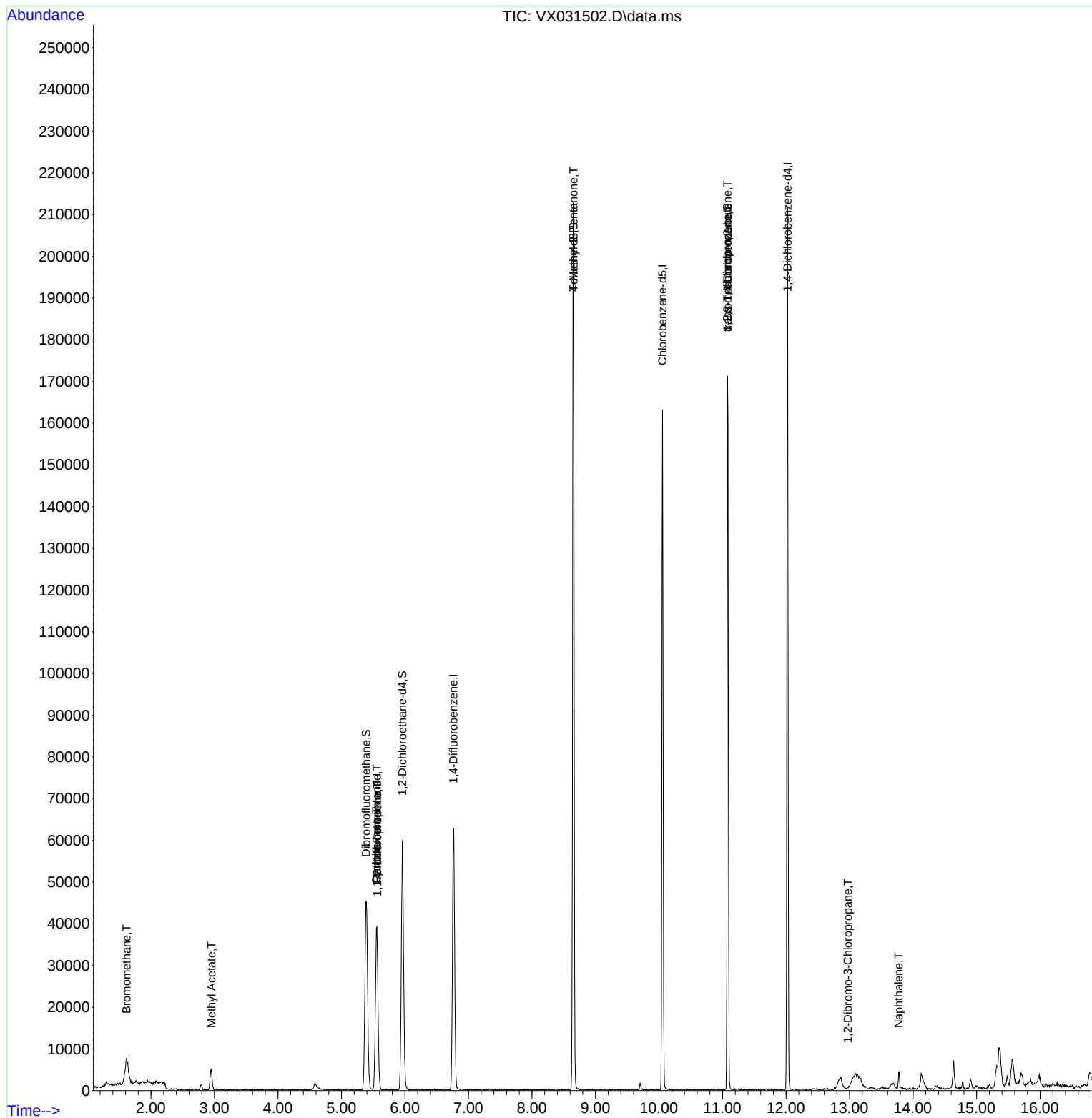
Internal Standards						
1) Pentafluorobenzene	5.556	168	38601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	65660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	68670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48440	68.702	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 137.400%#			
35) Dibromofluoromethane	5.385	113	38354	56.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.220%			
50) Toluene-d8	8.653	98	125480	47.967	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.940%			
62) 4-Bromofluorobenzene	11.079	95	39100	44.126	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.260%			
Target Compounds					Qvalue	
5) Bromomethane	1.617	94	848	0.709	ug/l #	58
6) Chloroethane	1.691	64	66	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	2718	Below Cal	#	73
13) Acrolein	2.081	56	47	Below Cal	#	1
16) Acetone	2.398	43	176	Below Cal	#	45
18) Methyl Acetate	2.953	43	410	0.388	ug/l #	52
20) Methylene Chloride	2.788	84	481	Below Cal	#	89
31) Cyclohexane	5.550	56	1095	1.043	ug/l #	68
36) 1,1-Dichloropropene	5.562	75	3013	2.887	ug/l #	50
38) Carbon Tetrachloride	5.556	117	3537	3.057	ug/l #	13
51) 4-Methyl-2-Pentanone	8.653	43	651	0.529	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	22753	24.014	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	22753	77.320	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	12.975	75	62	0.285	ug/l #	3
95) Naphthalene	13.774	128	2987	0.981	ug/l #	94

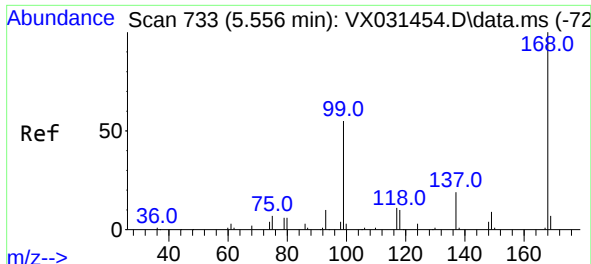
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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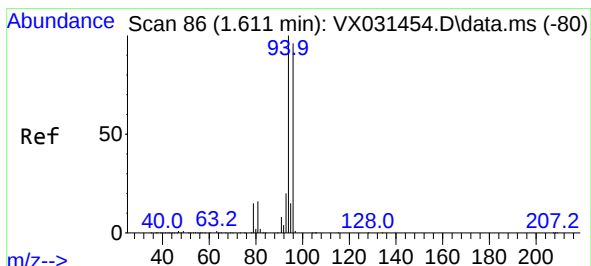
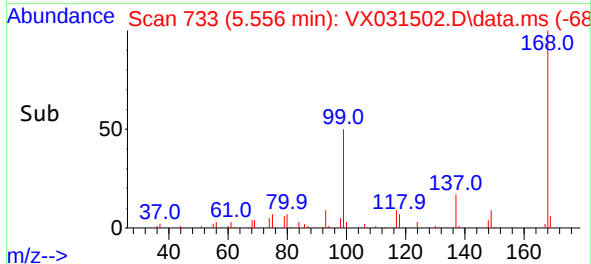
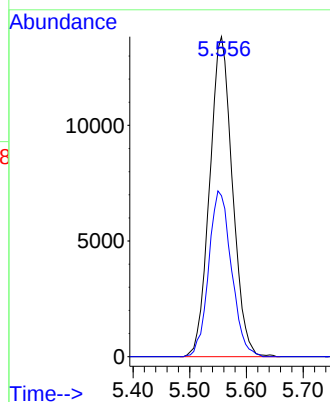
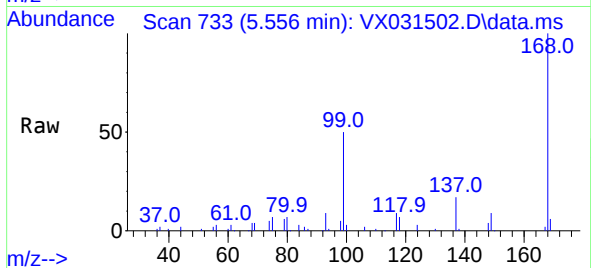




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

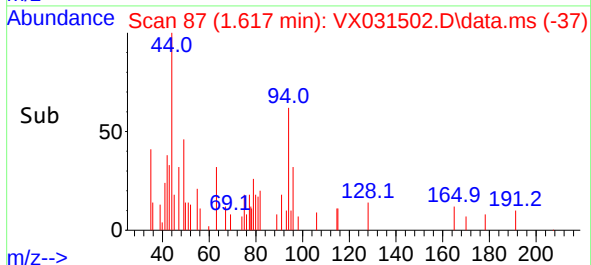
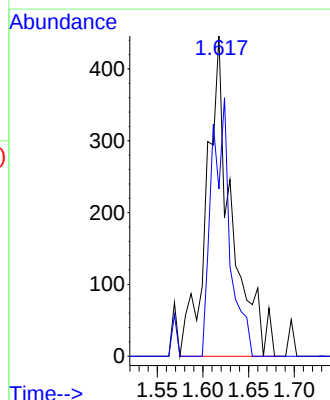
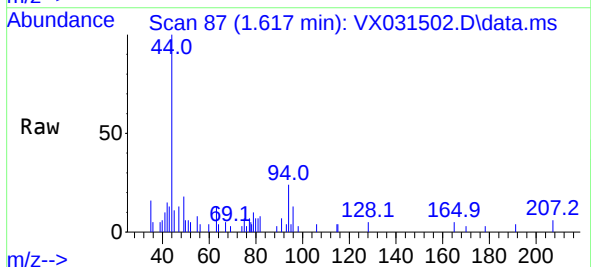
Instrument :
MSVOA_X
Client Sample Id :
VIBLK

Tgt Ion: 168 Resp: 38601
Ion Ratio Lower Upper
168 100
99 50.3 48.8 73.2

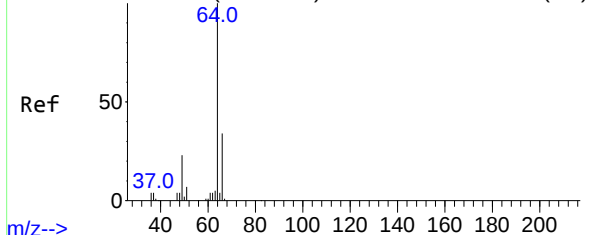


#5
Bromomethane
Concen: 0.709 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

Tgt Ion: 94 Resp: 848
Ion Ratio Lower Upper
94 100
96 52.2 74.4 111.6#



Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)

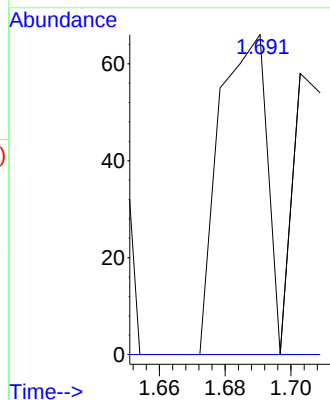
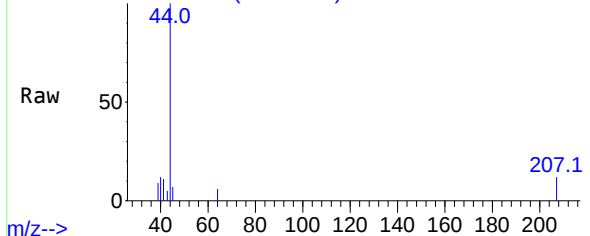


#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

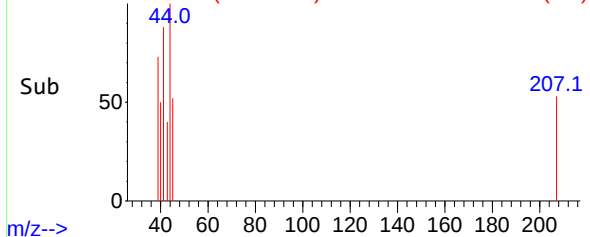
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

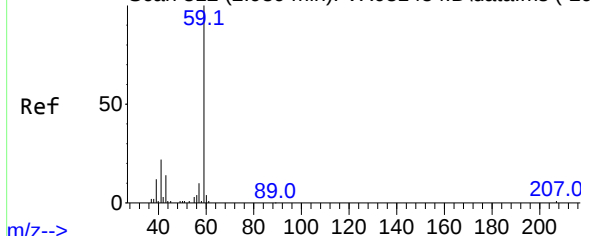
Abundance Scan 99 (1.691 min): VX031502.D\data.ms



Abundance Scan 99 (1.691 min): VX031502.D\data.ms (-49)



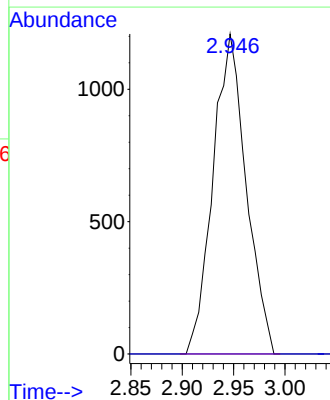
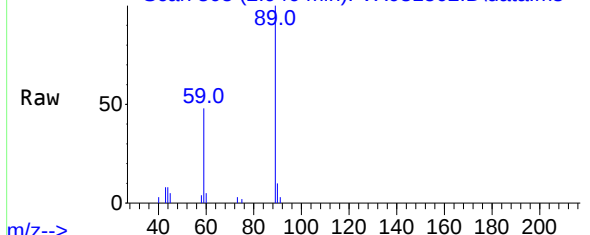
Abundance Scan 312 (2.989 min): VX031454.D\data.ms (-29)



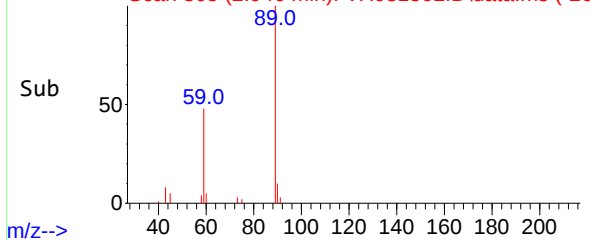
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

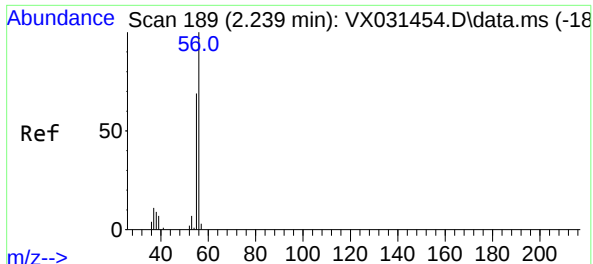
Tgt Ion: 59 Resp: 2718
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

Abundance Scan 305 (2.946 min): VX031502.D\data.ms



Abundance Scan 305 (2.946 min): VX031502.D\data.ms (-26)





#13

Acrolein

Concen: Below Cal

RT: 2.081 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX031502.D

Acq: 20 Sep 2022 17:43

Instrument :

MSVOA_X

ClientSampleId :

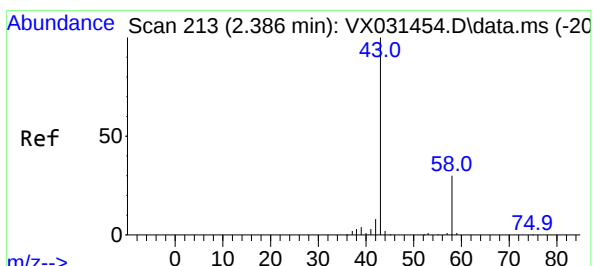
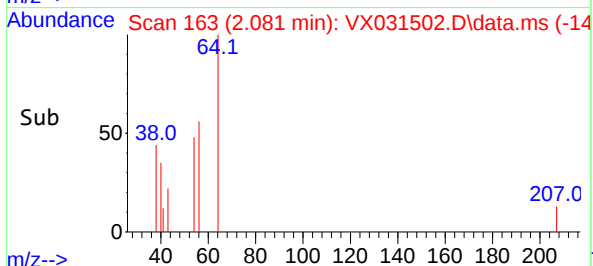
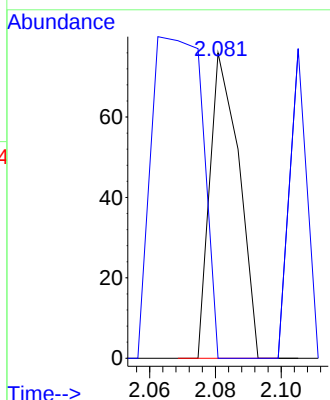
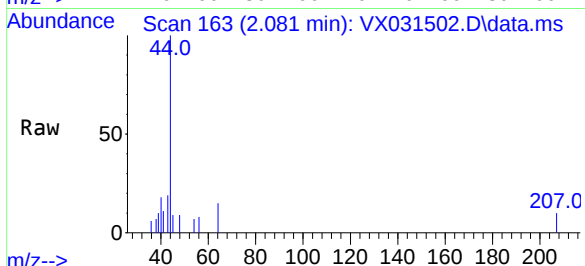
VIBLK

Tgt Ion: 56 Resp: 47

Ion Ratio Lower Upper

56 100

55 183.0 56.0 84.0#



#16

Acetone

Concen: Below Cal

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX031502.D

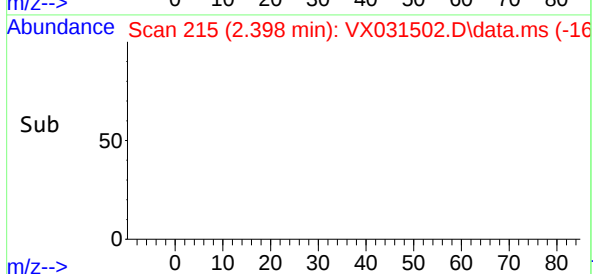
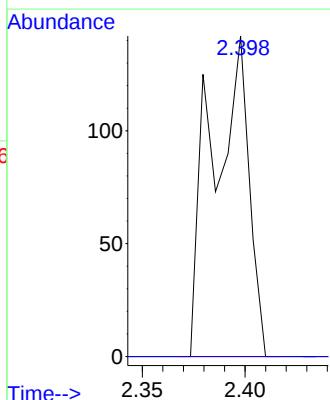
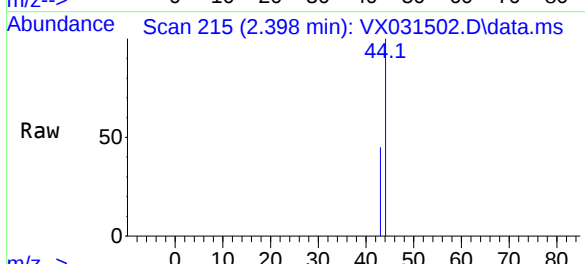
Acq: 20 Sep 2022 17:43

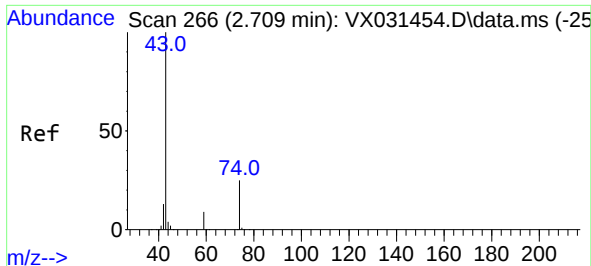
Tgt Ion: 43 Resp: 176

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#18

Methyl Acetate

Concen: 0.388 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.244 min

Lab File: VX031502.D

Acq: 20 Sep 2022 17:43

Instrument :

MSVOA_X

ClientSampleId :

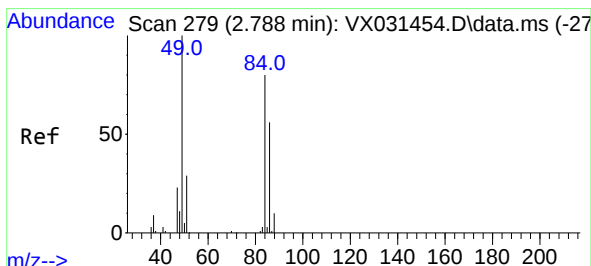
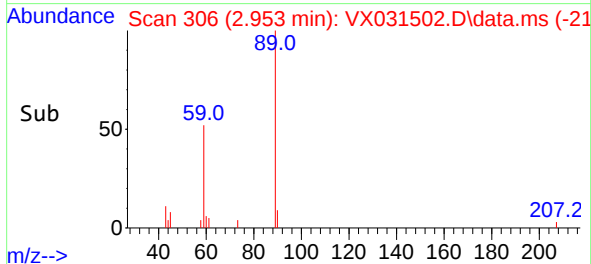
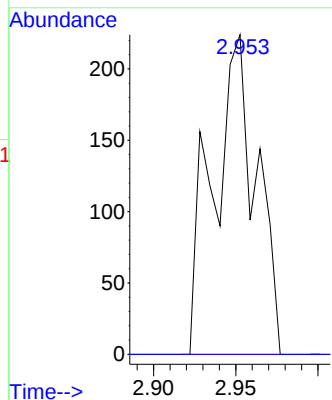
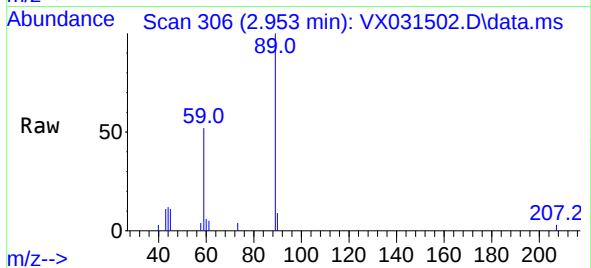
VIBLK

Tgt Ion: 43 Resp: 410

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX031502.D

Acq: 20 Sep 2022 17:43

Tgt Ion: 84 Resp: 481

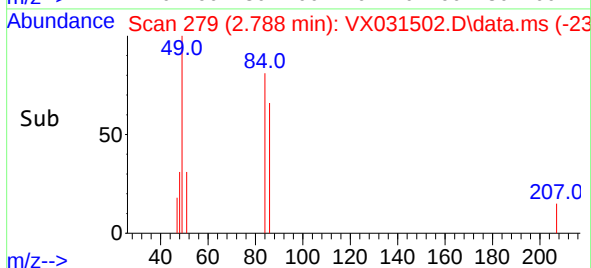
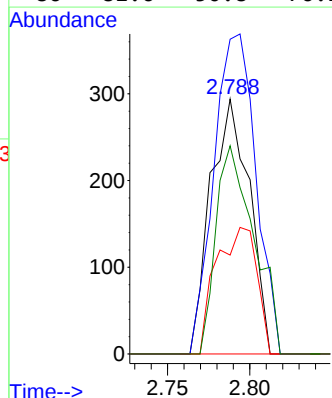
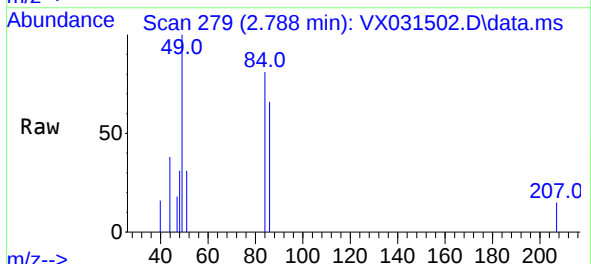
Ion Ratio Lower Upper

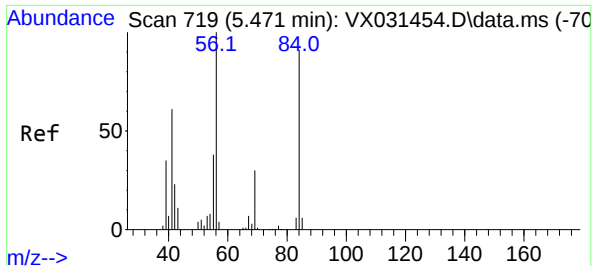
84 100

49 123.5 105.9 158.9

51 38.8 32.2 48.2

86 81.6 50.8 76.2#

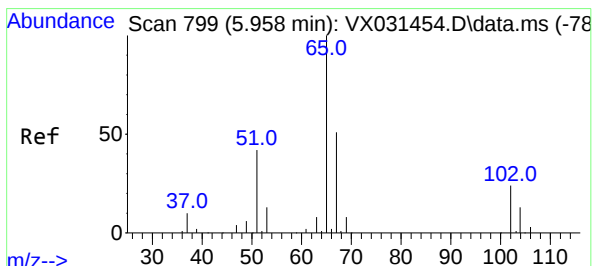
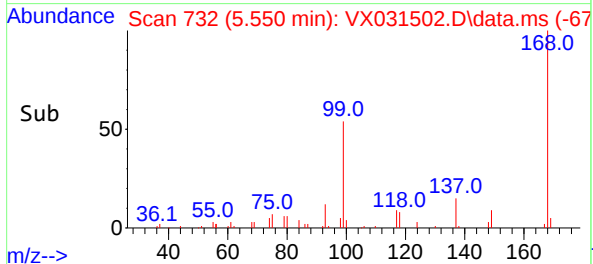
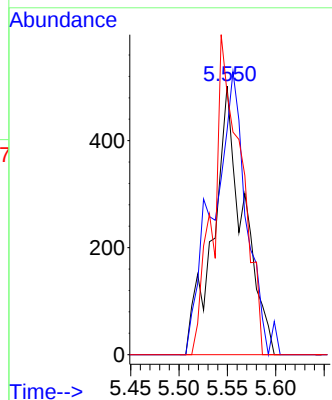
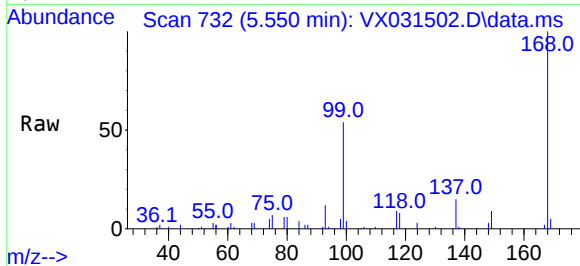




#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

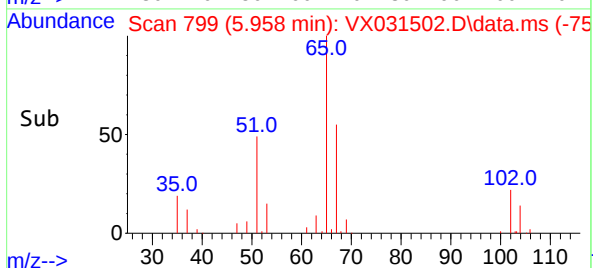
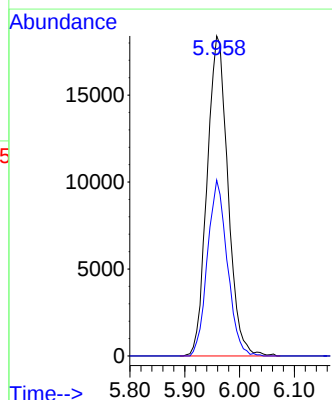
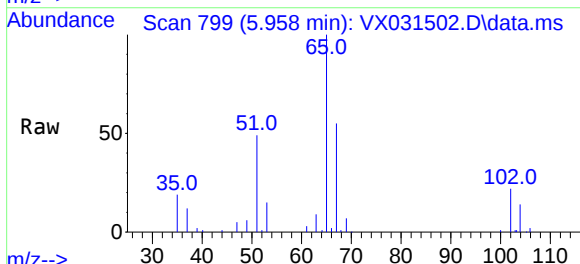
Instrument :
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VIBLK

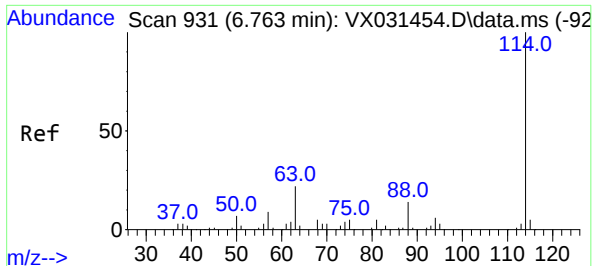
Tgt Ion: 56 Resp: 1095
Ion Ratio Lower Upper
56 100
69 83.5 25.1 37.7#
84 97.4 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 68.702 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

Tgt Ion: 65 Resp: 48440
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4



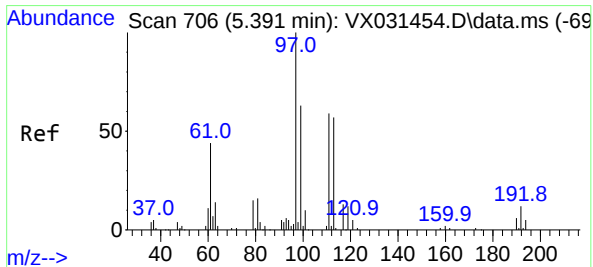
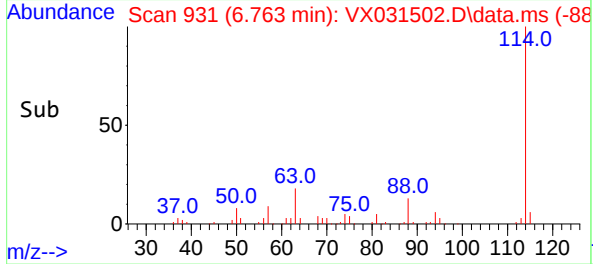
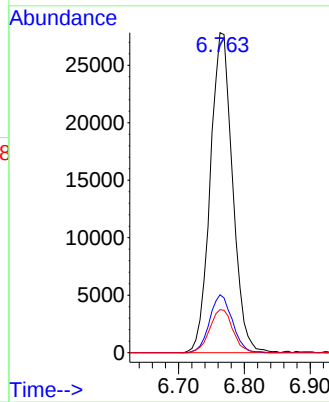
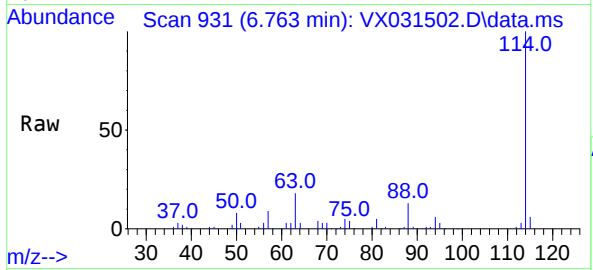


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 65660

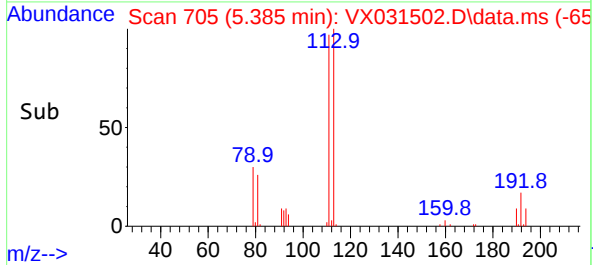
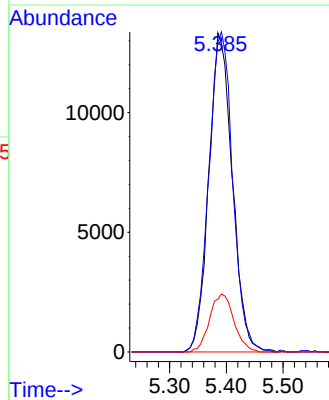
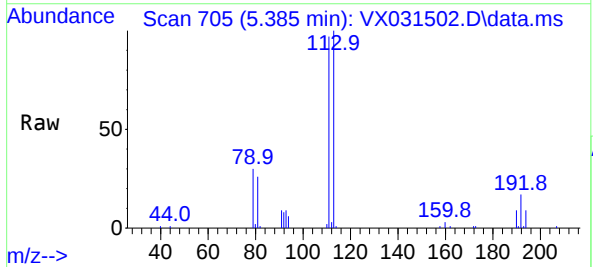
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	42.6
88	13.5	0.0	33.0

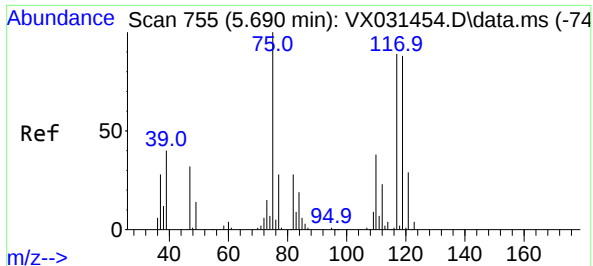


#35
Dibromofluoromethane
Concen: 56.610 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

Tgt Ion:113 Resp: 38354

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	18.8	14.1	21.1





#36

1,1-Dichloropropene

Concen: 2.887 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX031502.D

Acq: 20 Sep 2022 17:43

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

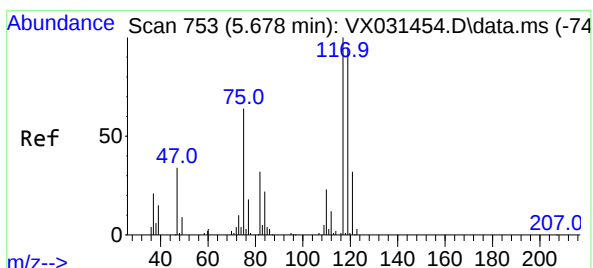
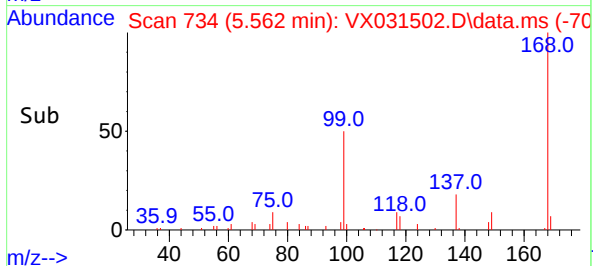
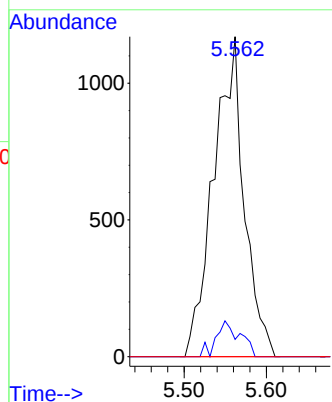
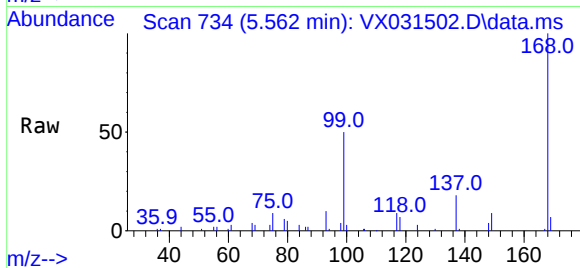
Tgt Ion: 75 Resp: 3013

Ion Ratio Lower Upper

75 100

110 8.8 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.057 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031502.D

Acq: 20 Sep 2022 17:43

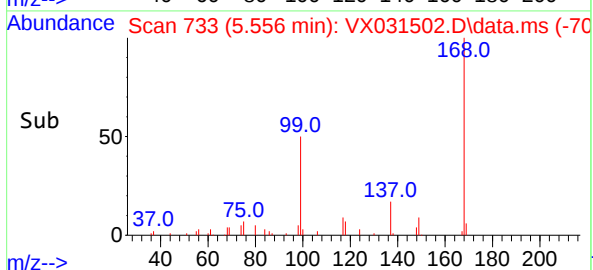
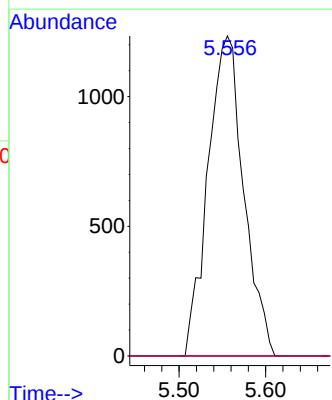
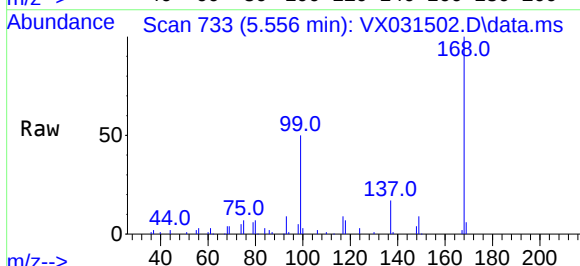
Tgt Ion: 117 Resp: 3537

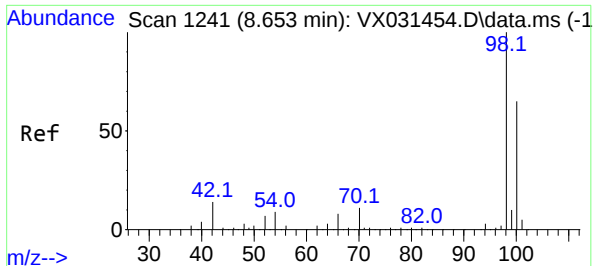
Ion Ratio Lower Upper

117 100

119 0.0 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 47.967 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031502.D

Acq: 20 Sep 2022 17:43

Instrument :

MSVOA_X

ClientSampleId :

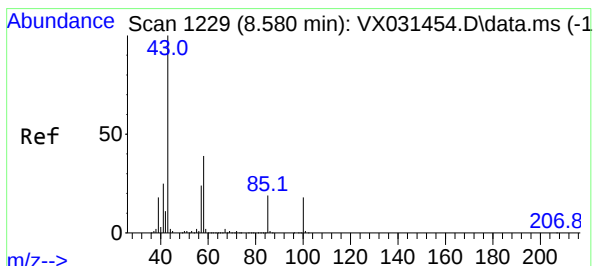
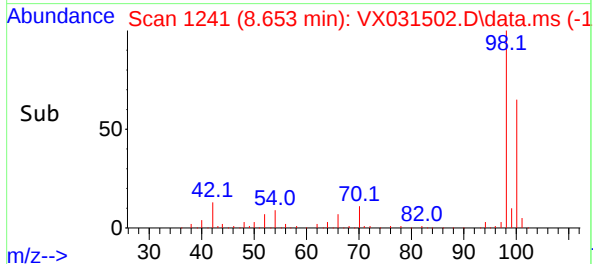
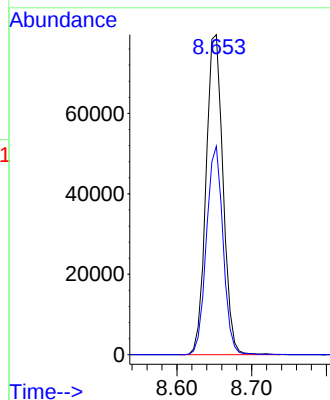
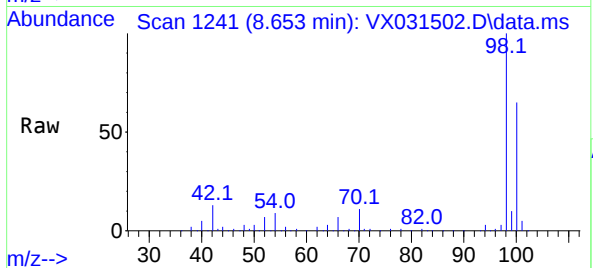
VIBLK

Tgt Ion: 98 Resp: 125480

Ion Ratio Lower Upper

98 100

100 63.6 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.529 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX031502.D

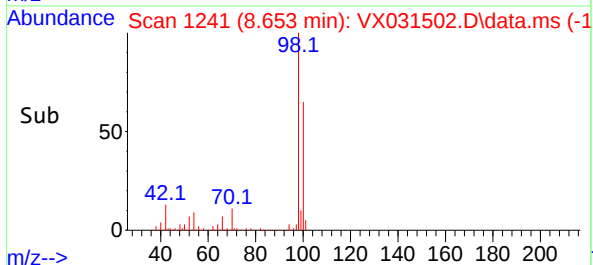
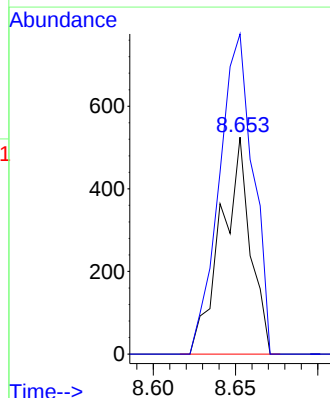
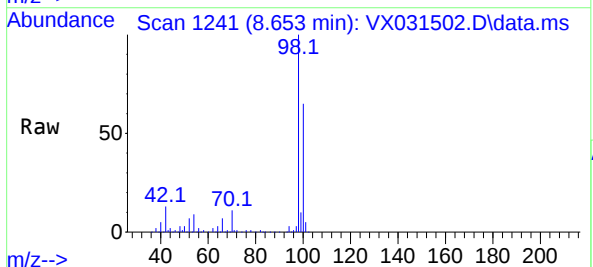
Acq: 20 Sep 2022 17:43

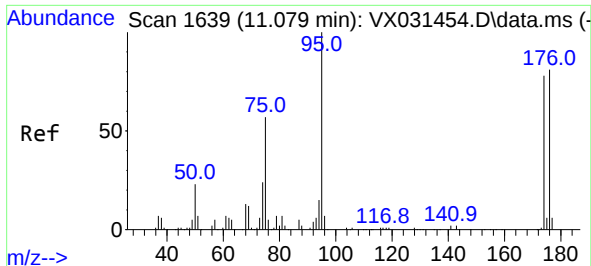
Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

58 171.3 30.6 46.0#

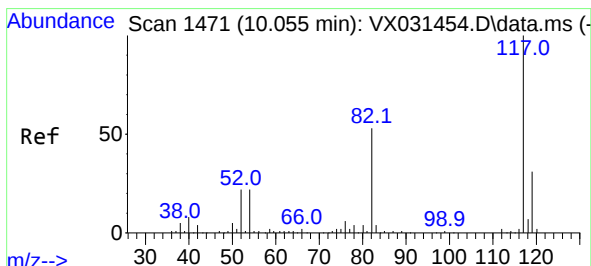
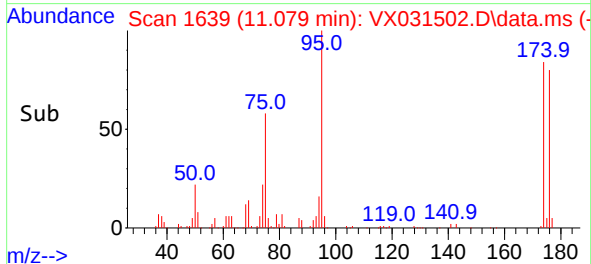
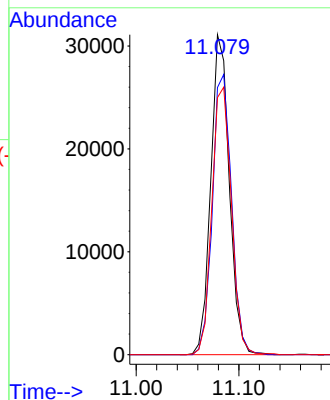
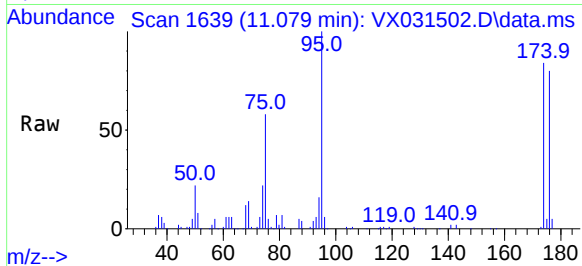




#62
4-Bromofluorobenzene
Concen: 44.126 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

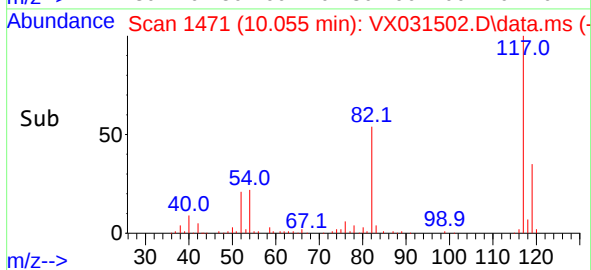
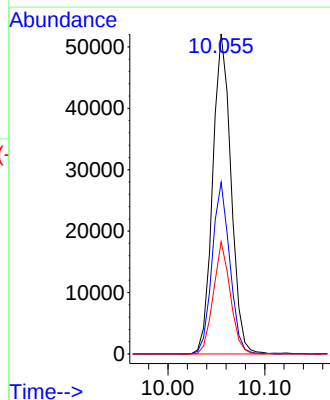
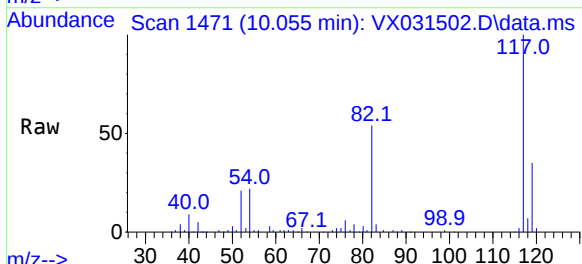
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

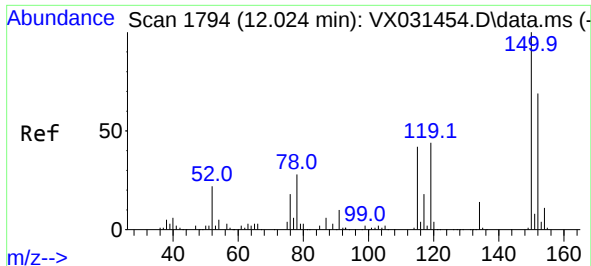
Tgt Ion: 95 Resp: 39100
Ion Ratio Lower Upper
95 100
174 90.0 0.0 153.2
176 88.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

Tgt Ion: 117 Resp: 68670
Ion Ratio Lower Upper
117 100
82 53.7 46.8 70.2
119 35.1 26.4 39.6

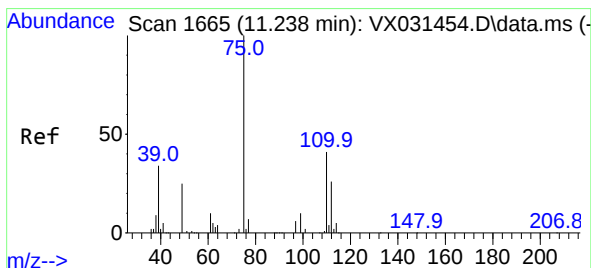
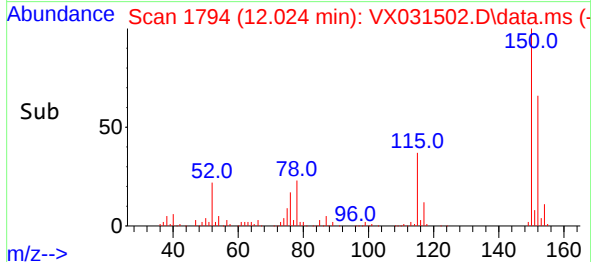
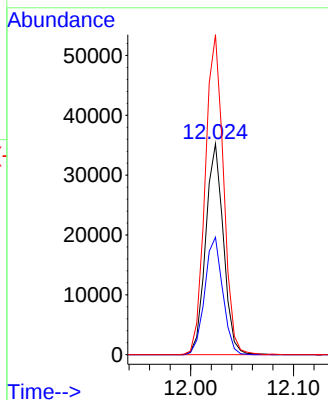
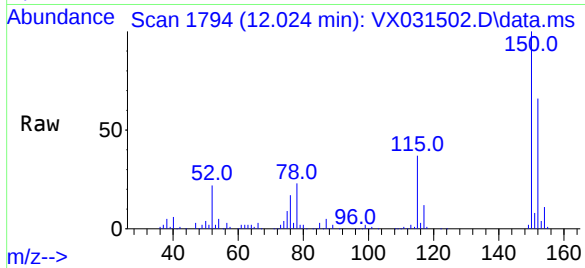




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

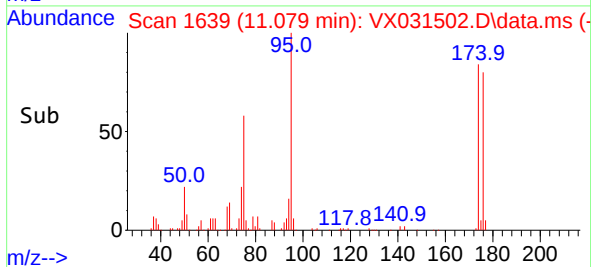
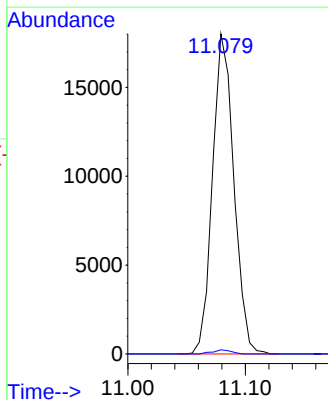
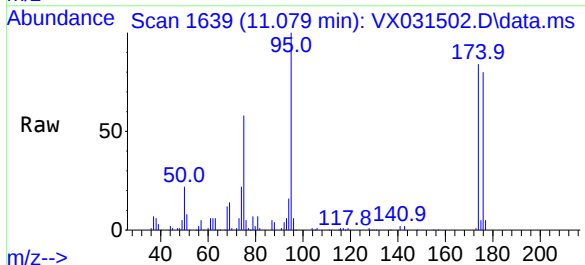
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

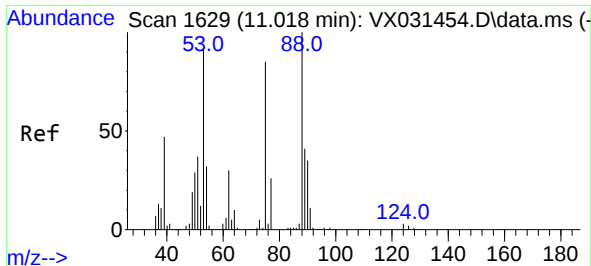
Tgt Ion:152 Resp: 42453
Ion Ratio Lower Upper
152 100
115 56.3 43.4 130.1
150 156.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 24.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

Tgt Ion: 75 Resp: 22753
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#

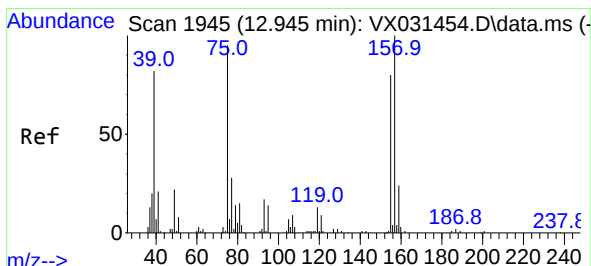
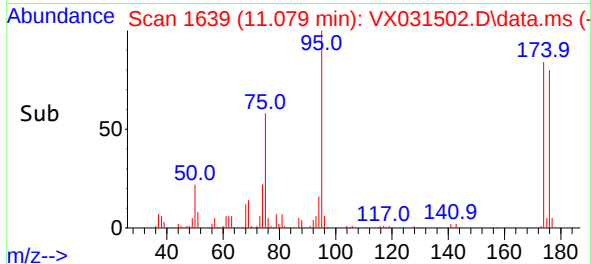
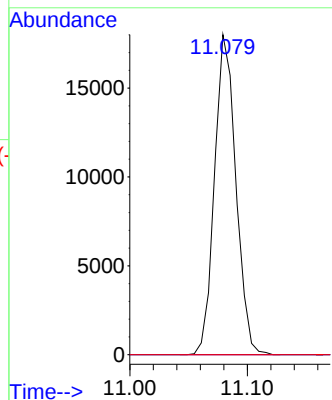
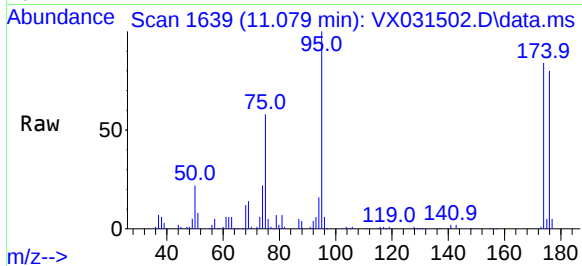




#81
trans-1,4-Dichloro-2-butene
Concen: 77.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

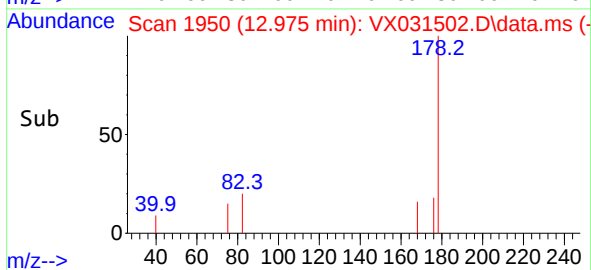
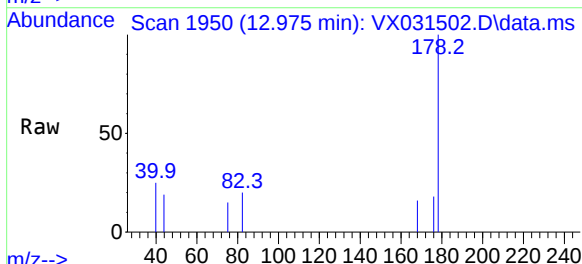
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

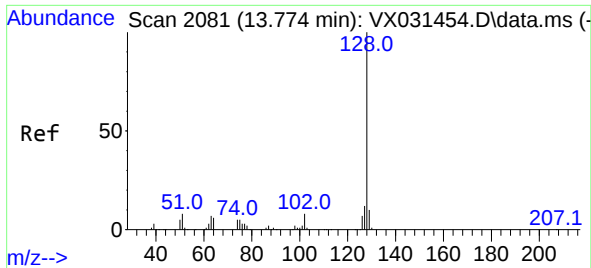
Tgt Ion: 75 Resp: 22753
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.285 ug/l
RT: 12.975 min Scan# 1950
Delta R.T. 0.030 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

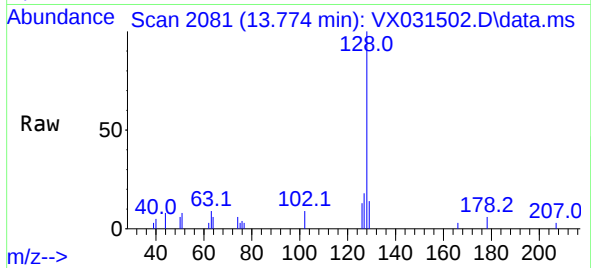
Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
155 0.0 40.3 120.8#
157 0.0 51.5 154.5#





#95
Naphthalene
Concen: 0.981 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031502.D
Acq: 20 Sep 2022 17:43

Instrument :
MSVOA_X
ClientSampleId :
VIBLK



Tgt Ion:128 Resp: 2987
Ion Ratio Lower Upper
128 100
127 16.9 10.4 15.6#
129 11.3 8.8 13.2

