

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031500.D
 Acq On : 20 Sep 2022 16:57
 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 04:54:42 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)

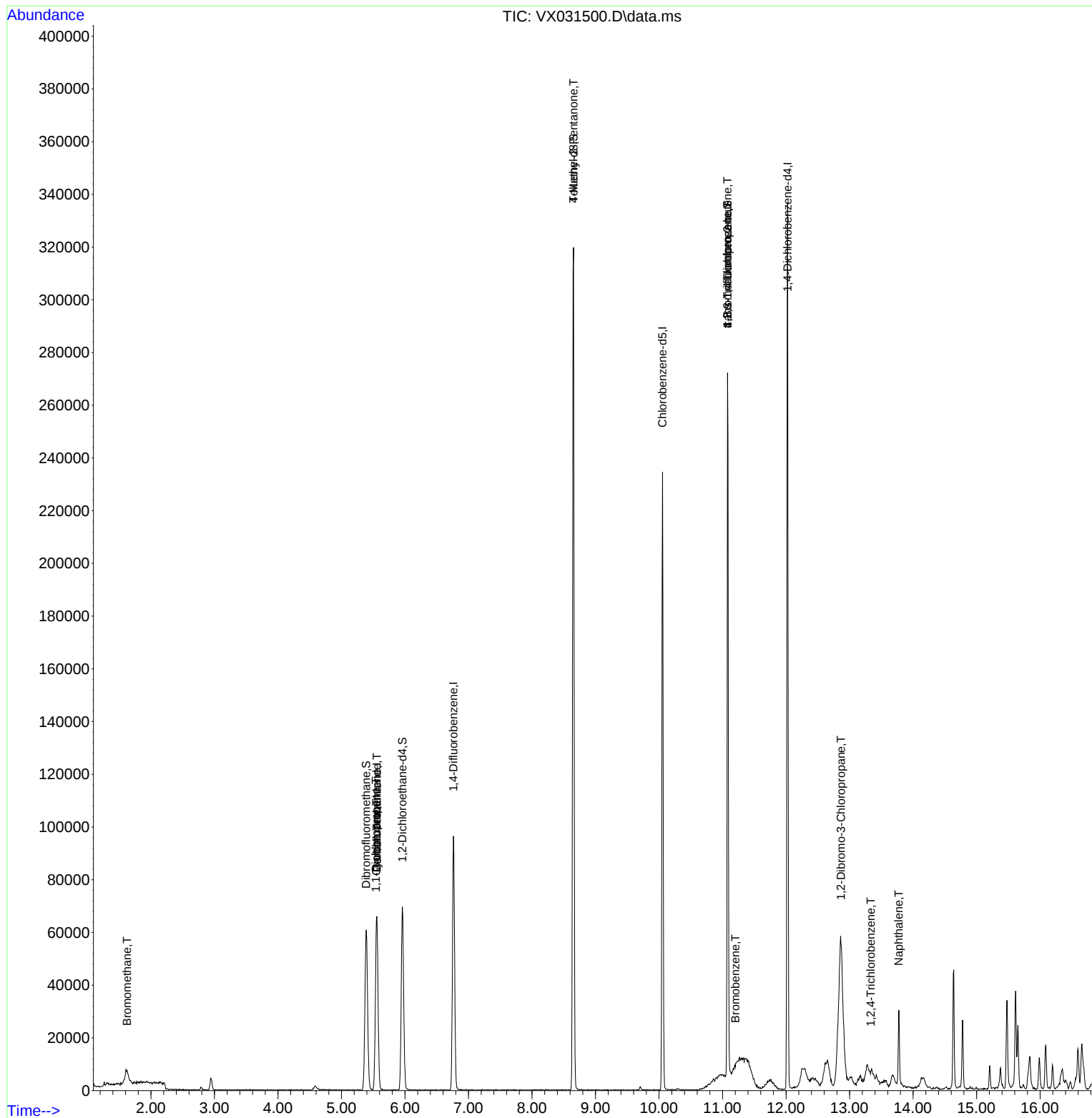
Internal Standards						
1) Pentafluorobenzene	5.556	168	64297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	97399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62576	53.035	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.060%	
35) Dibromofluoromethane	5.385	113	51222	50.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.780%	
50) Toluene-d8	8.653	98	188924	48.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	11.079	95	59707	45.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	771	0.387	ug/l #	75
6) Chloroethane	1.672	64	97	Below Cal	#	13
11) Tert butyl alcohol	2.941	59	2614	Below Cal	#	73
13) Acrolein	2.130	56	56	Below Cal	#	1
16) Acetone	2.380	43	80	Below Cal	#	45
20) Methylene Chloride	2.788	84	427	Below Cal	#	94
31) Cyclohexane	5.550	56	1674	0.957	ug/l #	65
36) 1,1-Dichloropropene	5.544	75	5141	3.321	ug/l #	49
38) Carbon Tetrachloride	5.556	117	6386	3.721	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1024	0.561	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.189	83	213	Below Cal	#	74
76) 1,2,3-Trichloropropane	11.079	75	34723	22.910	ug/l #	37
77) Bromobenzene	11.201	156	433	0.346	ug/l #	3
81) trans-1,4-Dichloro-2-b...	11.079	75	34723	73.765	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	12.866	75	2079	5.966	ug/l #	27
93) 1,2,4-Trichlorobenzene	13.335	180	582	0.438	ug/l #	13
95) Naphthalene	13.774	128	20169	4.143	ug/l	98

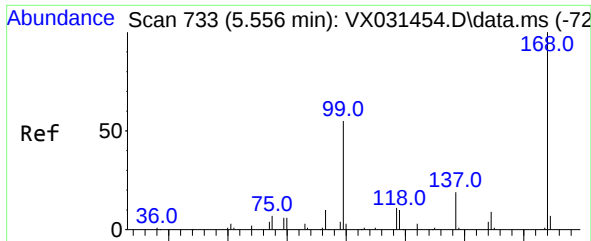
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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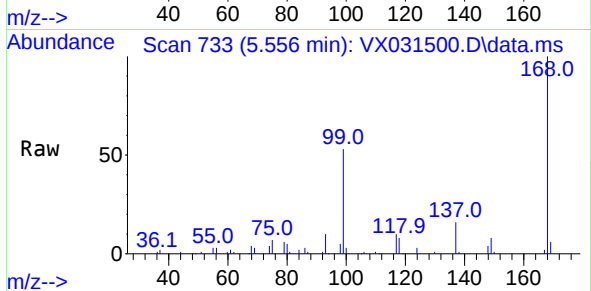
Quant Time: Sep 21 04:54:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



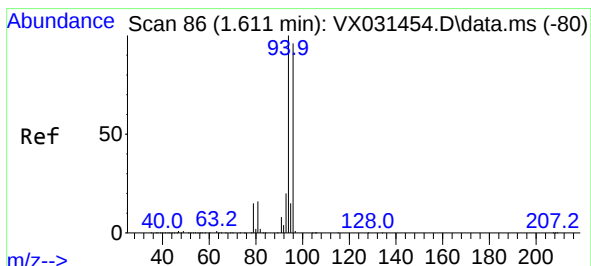
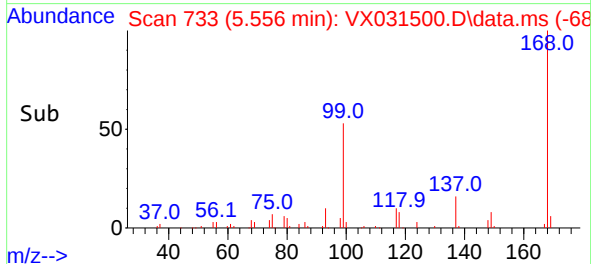
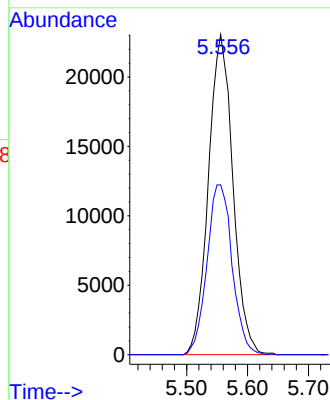


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

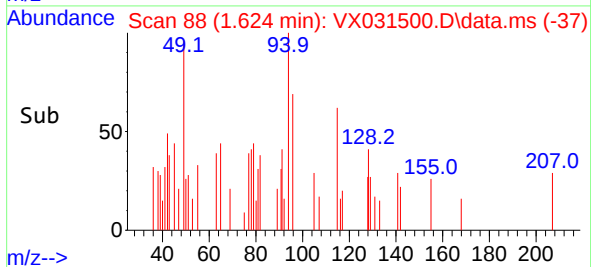
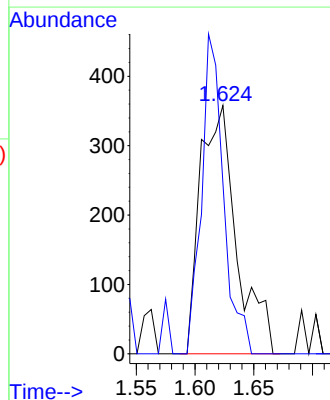
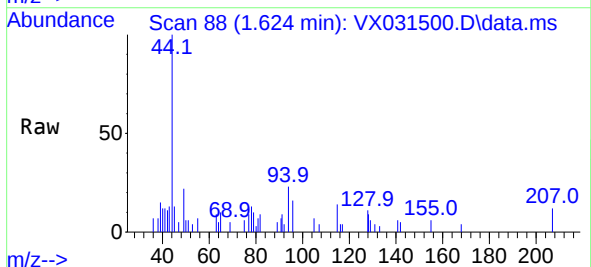


Tgt Ion:168 Resp: 64297
Ion Ratio Lower Upper
168 100
99 53.0 48.8 73.2

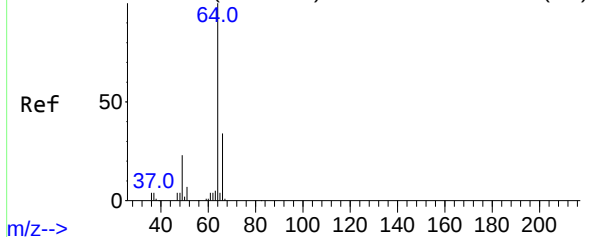


#5
Bromomethane
Concen: 0.387 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion: 94 Resp: 771
Ion Ratio Lower Upper
94 100
96 68.7 74.4 111.6#



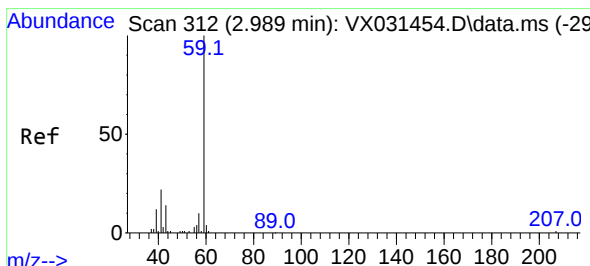
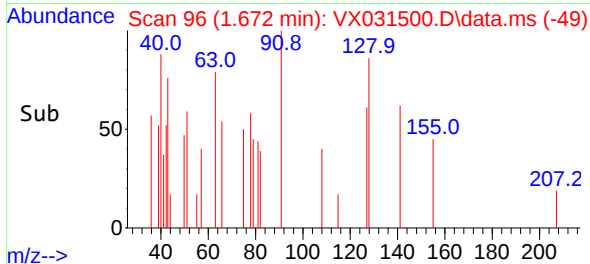
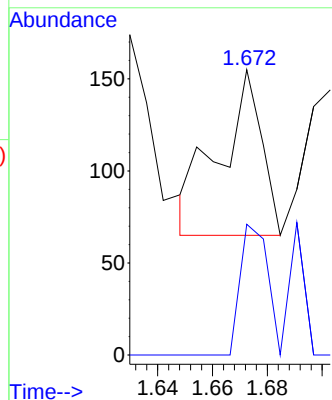
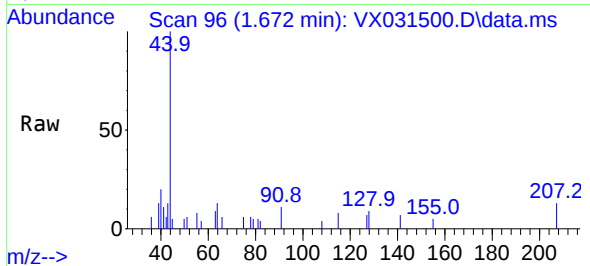
Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

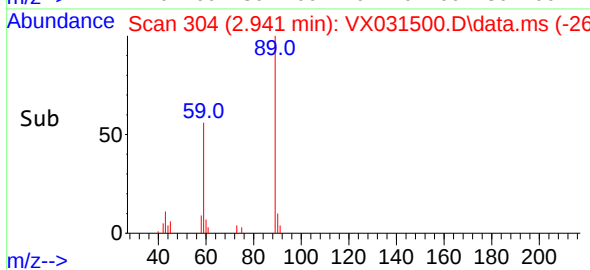
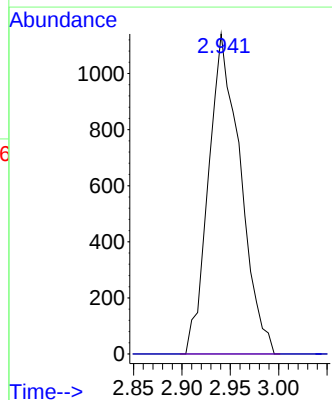
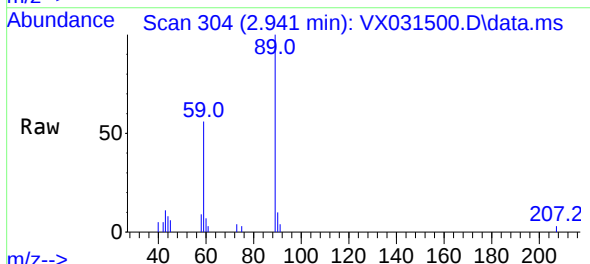
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

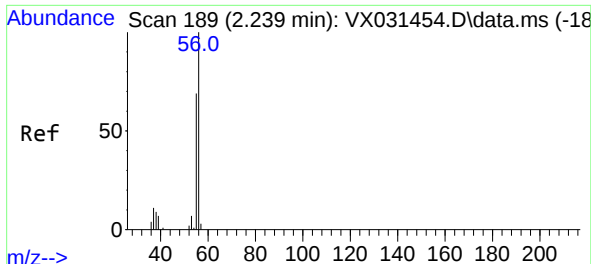
Tgt Ion: 64 Resp: 97
Ion Ratio Lower Upper
64 100
66 78.9 25.0 37.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion: 59 Resp: 2614
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

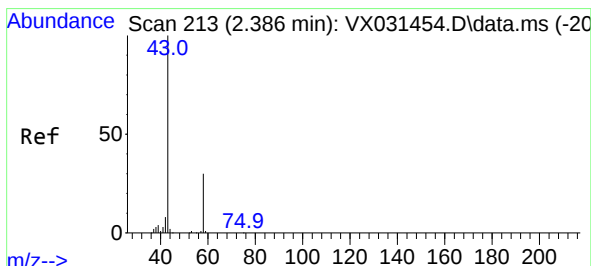
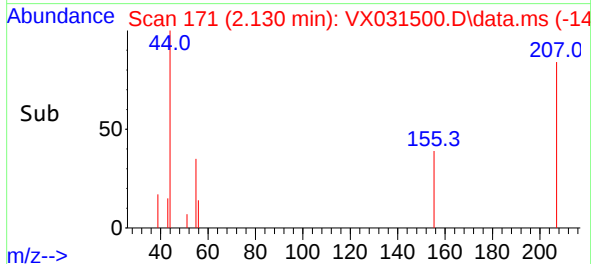
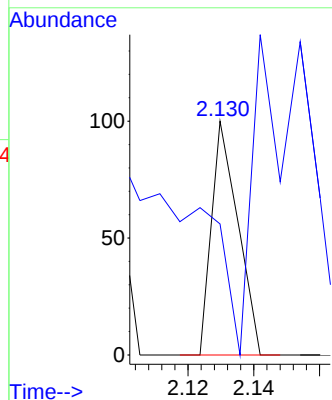
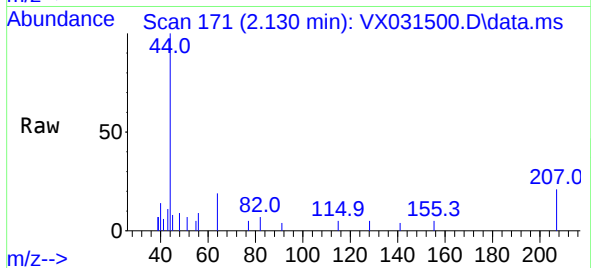




#13
Acrolein
Concen: Below Cal
RT: 2.130 min Scan# 11
Delta R.T. -0.109 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

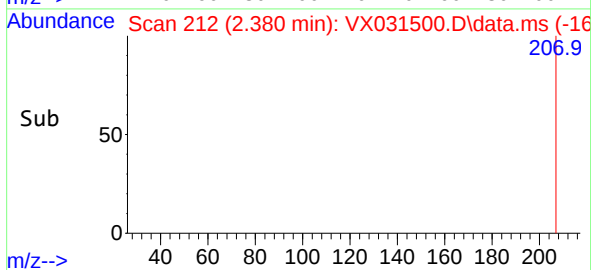
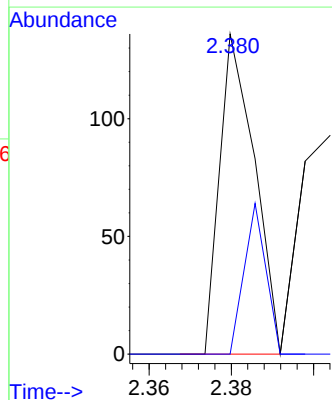
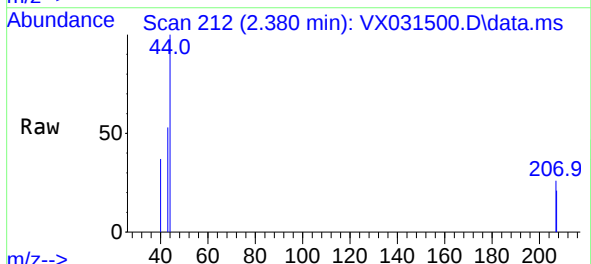
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

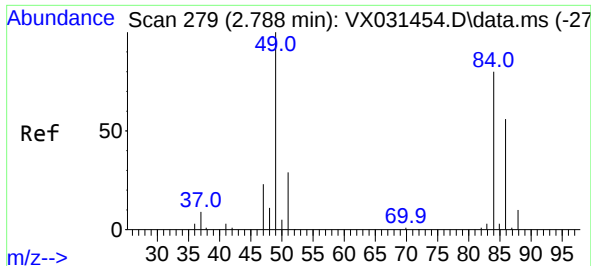
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 269.6 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



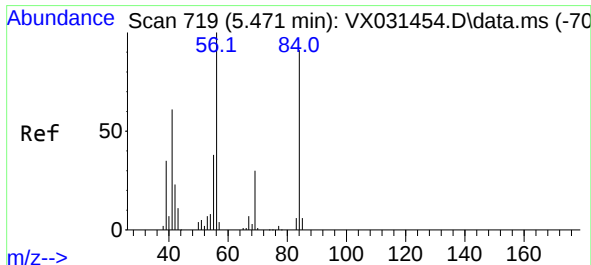
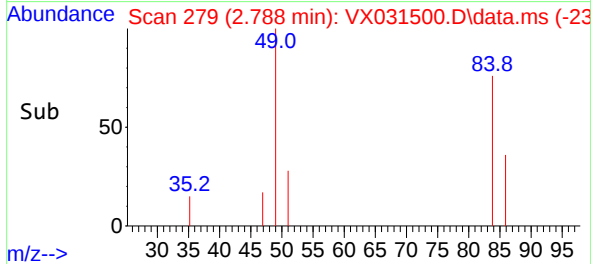
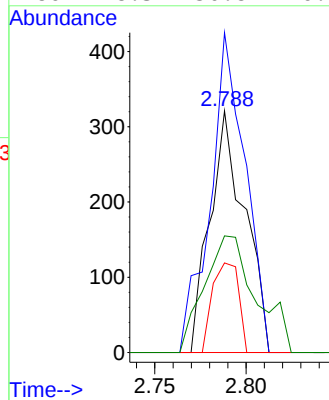
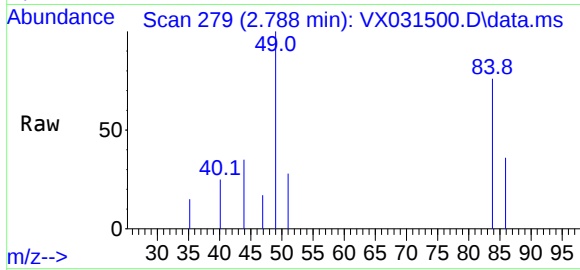


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 427

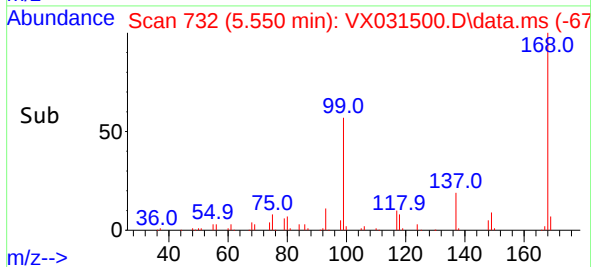
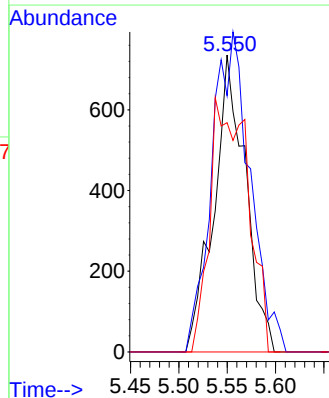
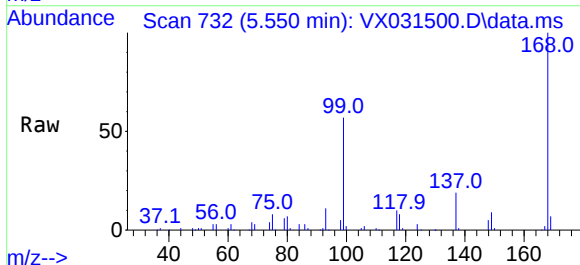
Ion	Ratio	Lower	Upper
84	100		
49	132.4	105.9	158.9
51	37.1	32.2	48.2
86	48.3	50.8	76.2

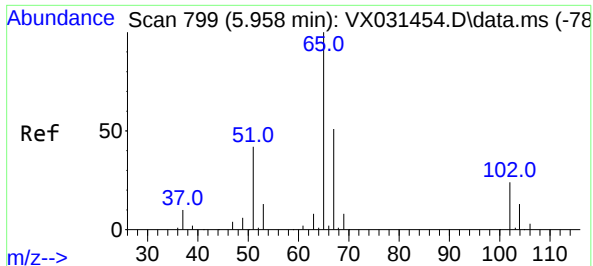


#31
Cyclohexane
Concen: 0.957 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion: 56 Resp: 1674

Ion	Ratio	Lower	Upper
56	100		
69	86.3	25.1	37.7
84	77.2	70.2	105.4





#33

1,2-Dichloroethane-d4

Concen: 53.035 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031500.D

Acq: 20 Sep 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

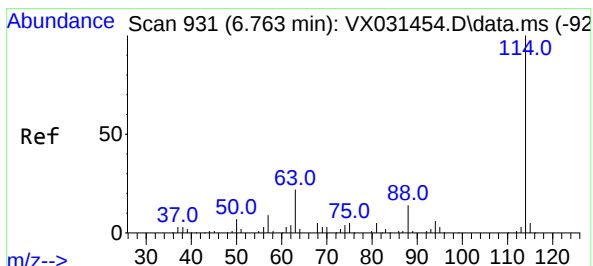
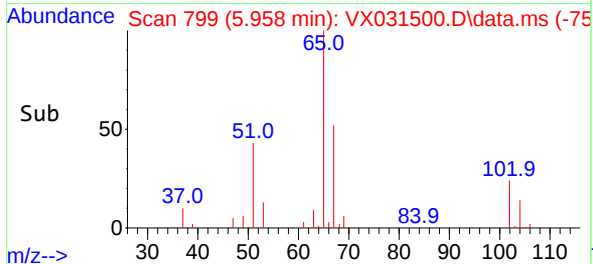
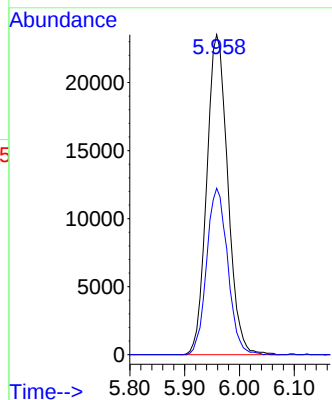
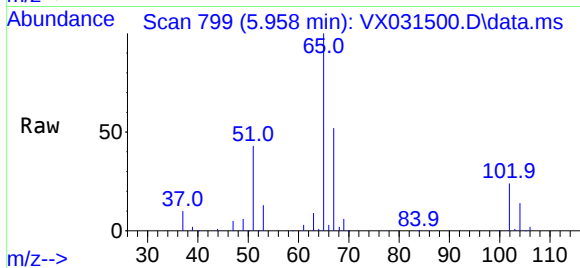
VIBLK

Tgt Ion: 65 Resp: 62576

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031500.D

Acq: 20 Sep 2022 16:57

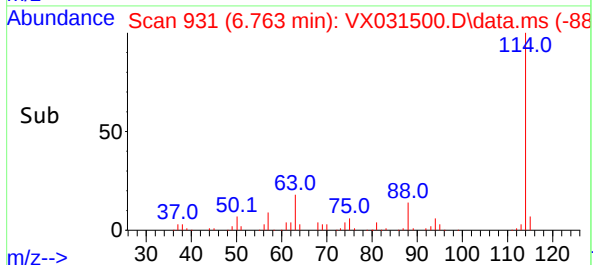
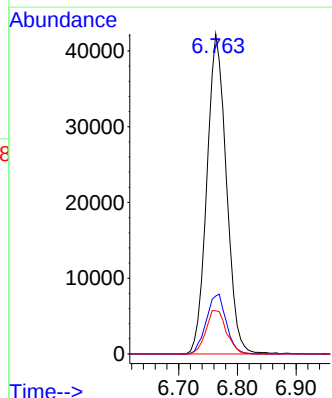
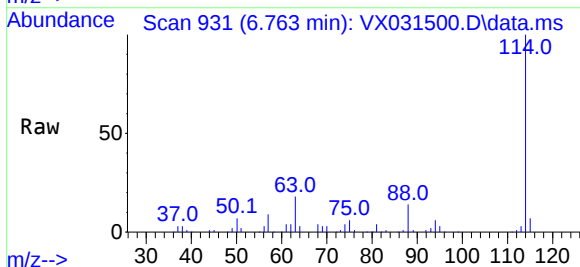
Tgt Ion: 114 Resp: 97399

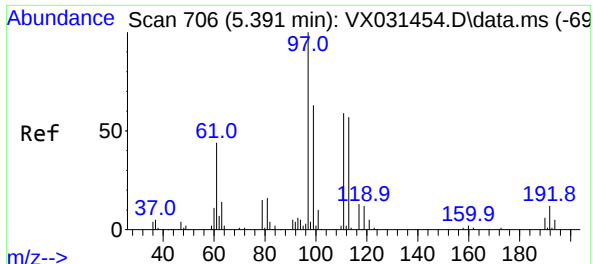
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.6

88 13.5 0.0 33.0

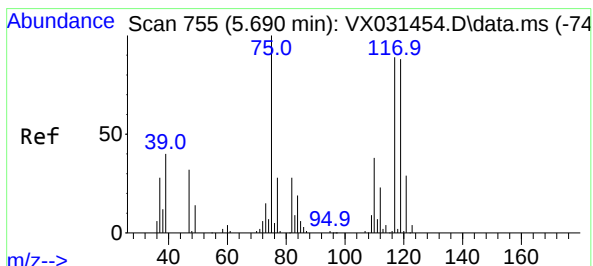
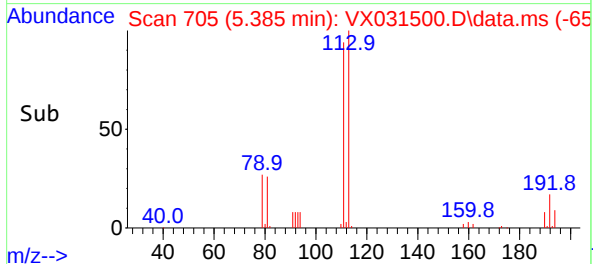
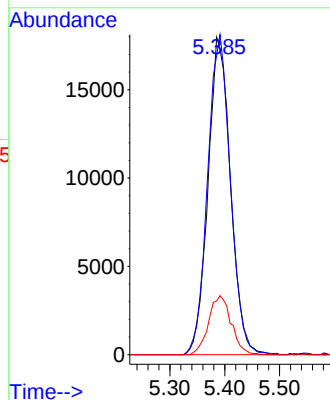
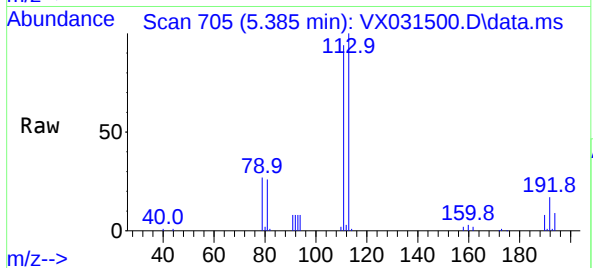




#35
Dibromofluoromethane
Concen: 50.893 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

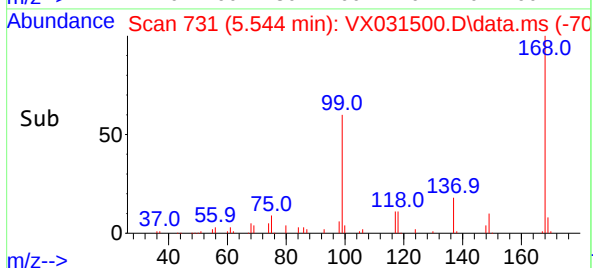
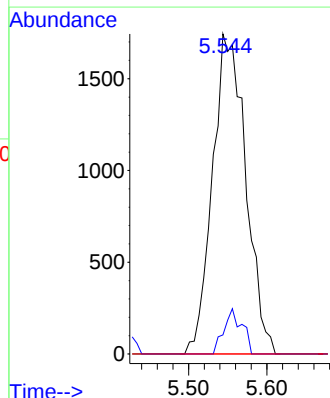
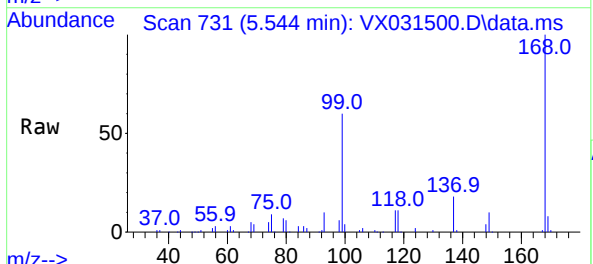
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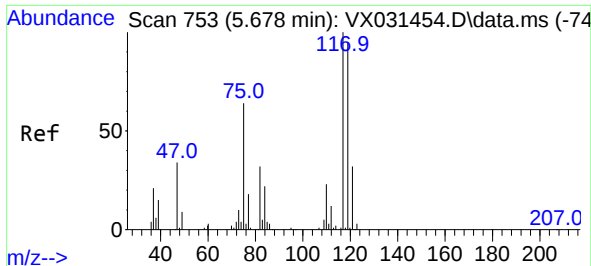
Tgt Ion:113 Resp: 51222
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.321 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion: 75 Resp: 5141
Ion Ratio Lower Upper
75 100
110 7.7 17.5 52.5#
77 0.0 24.9 37.3#

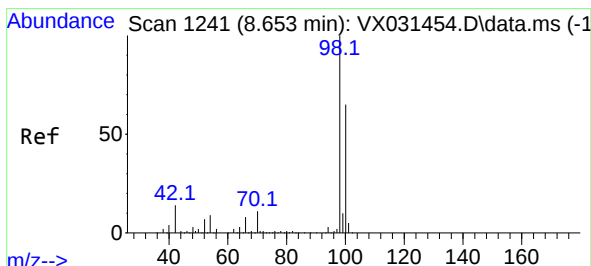
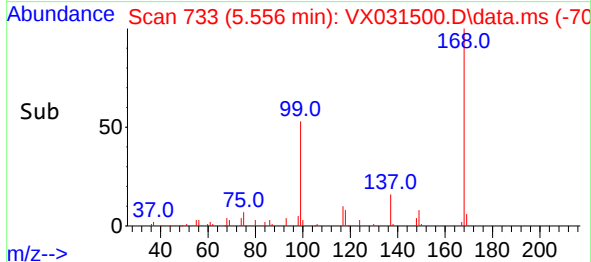
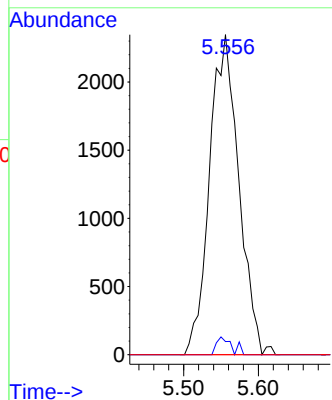
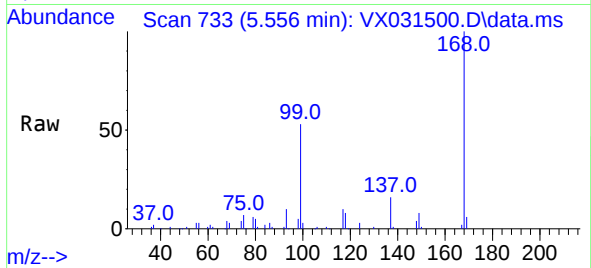




#38
Carbon Tetrachloride
Concen: 3.721 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

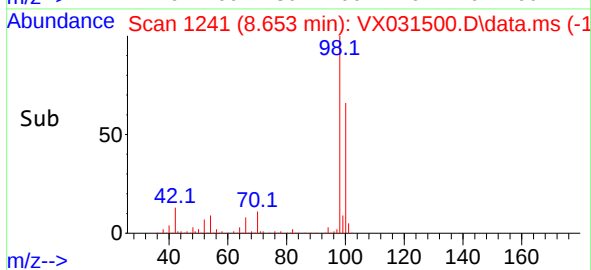
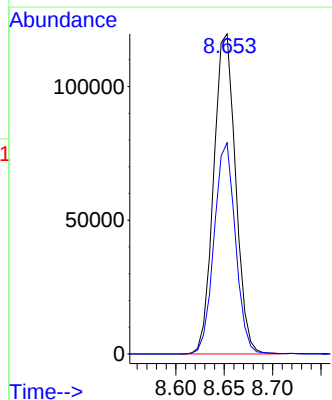
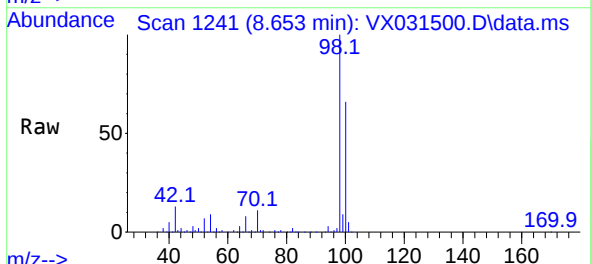
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

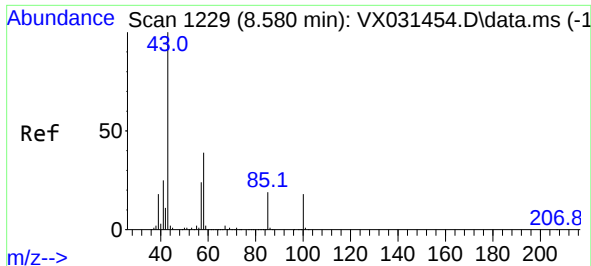
Tgt Ion:117 Resp: 6386
Ion Ratio Lower Upper
117 100
119 4.1 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.686 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion: 98 Resp: 188924
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7

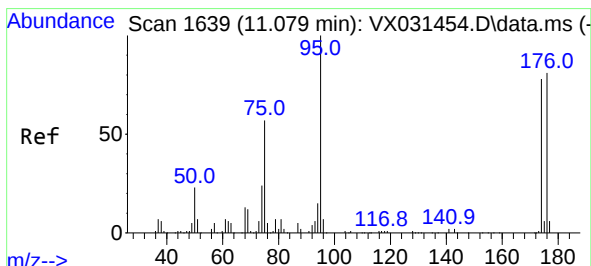
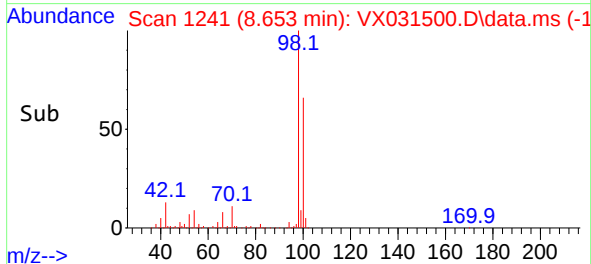
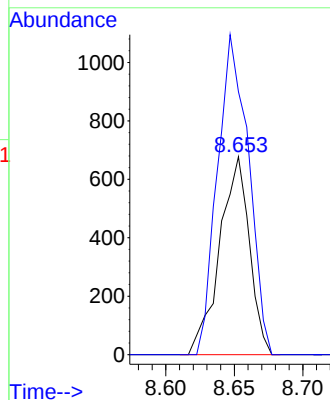
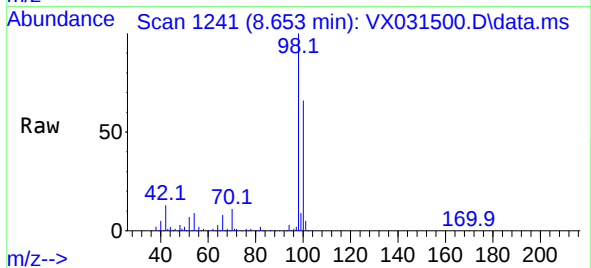




#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

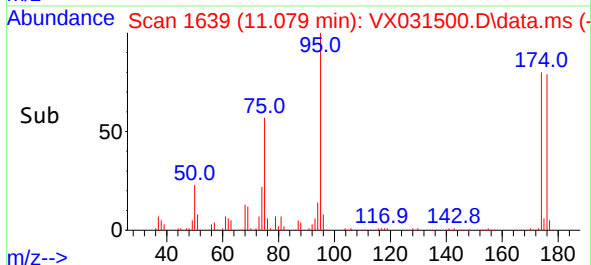
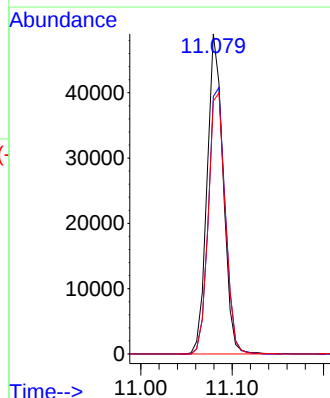
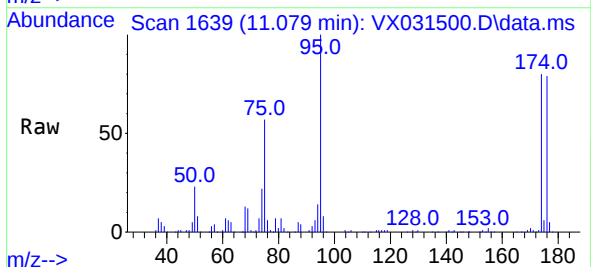
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

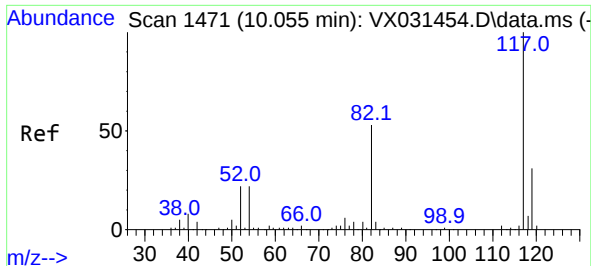
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 168.6 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion: 95 Resp: 59707
Ion Ratio Lower Upper
95 100
174 87.2 0.0 153.2
176 86.0 0.0 144.0

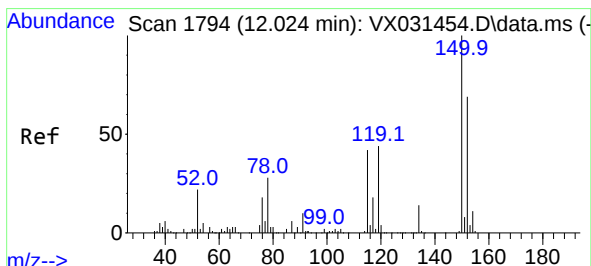
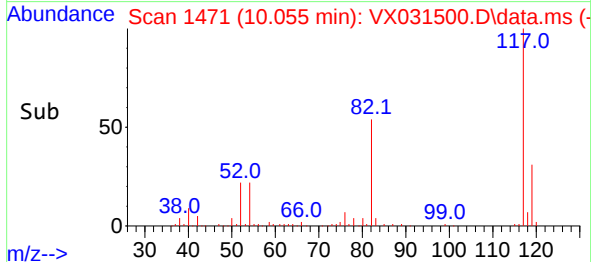
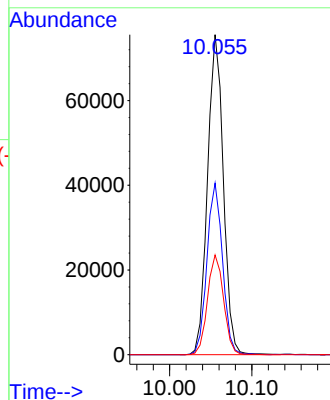
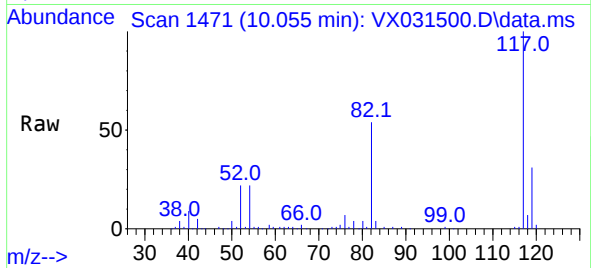




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

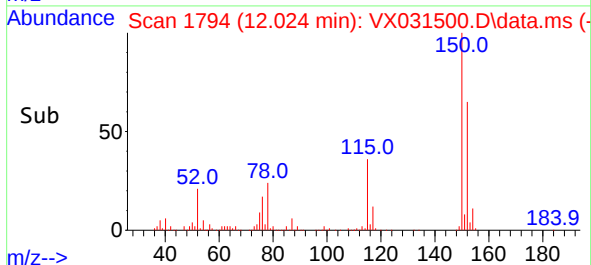
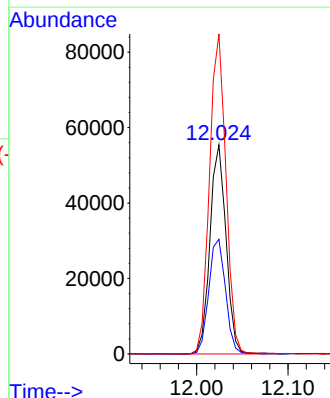
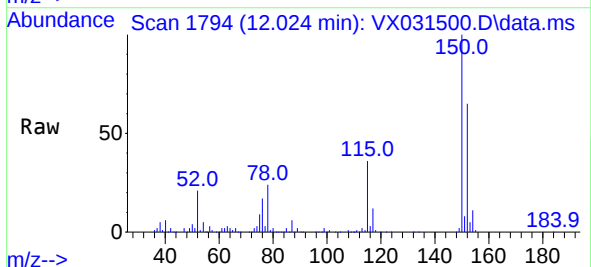
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

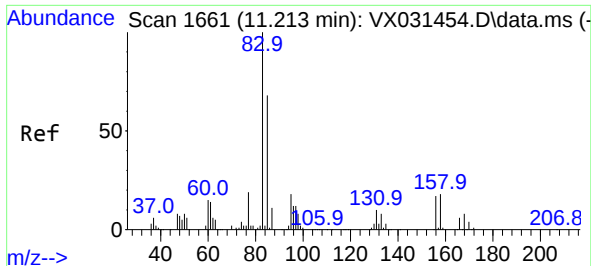
Tgt Ion:117 Resp: 101018
Ion Ratio Lower Upper
117 100
82 53.6 46.8 70.2
119 31.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion:152 Resp: 67909
Ion Ratio Lower Upper
152 100
115 56.9 43.4 130.1
150 155.5 0.0 346.8

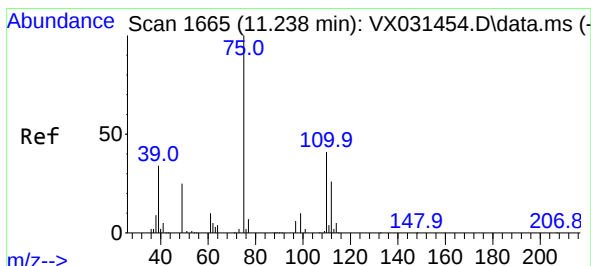
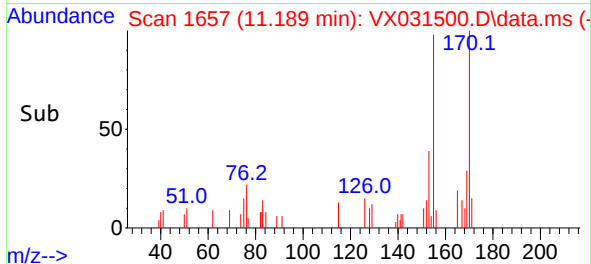
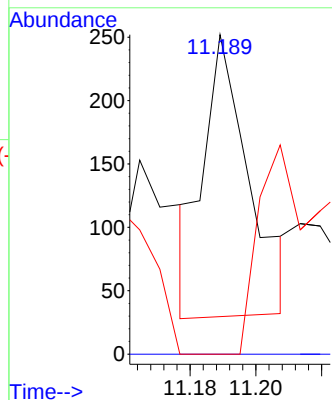
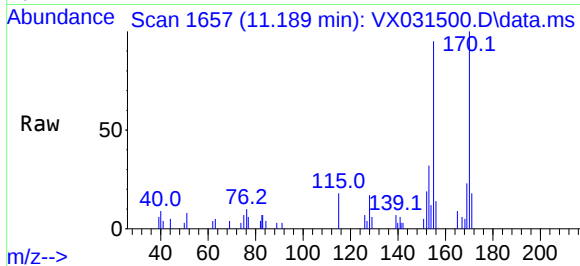




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.189 min Scan# 1639
Delta R.T. -0.024 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

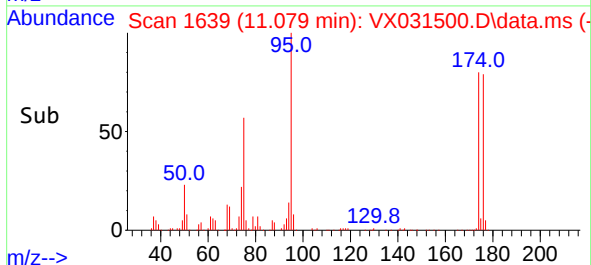
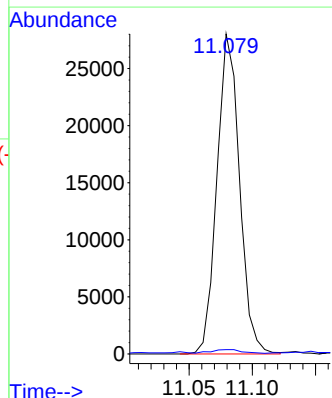
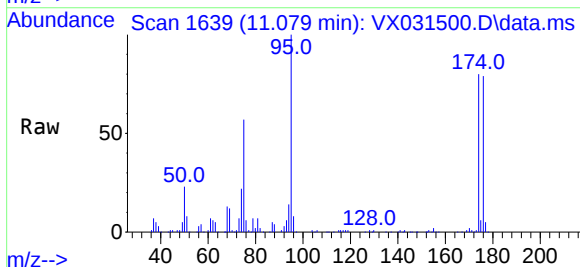
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

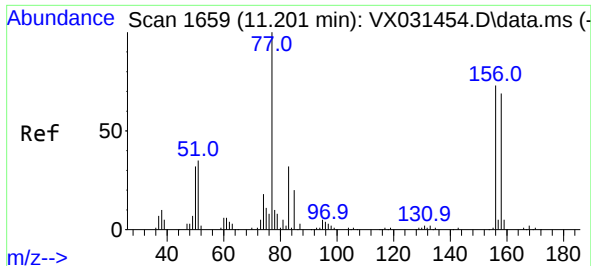
Tgt Ion: 83 Resp: 213
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 85.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 22.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion: 75 Resp: 34723
Ion Ratio Lower Upper
75 100
77 1.5 20.3 60.9#

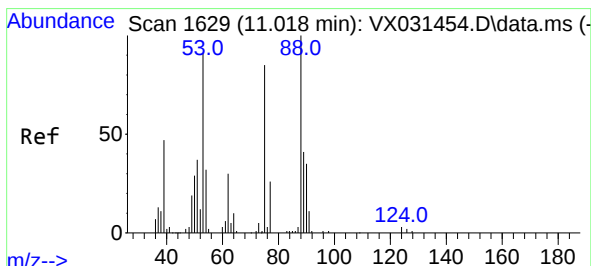
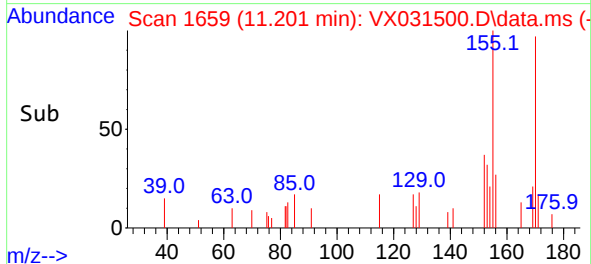
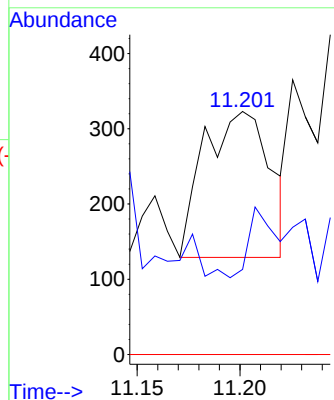
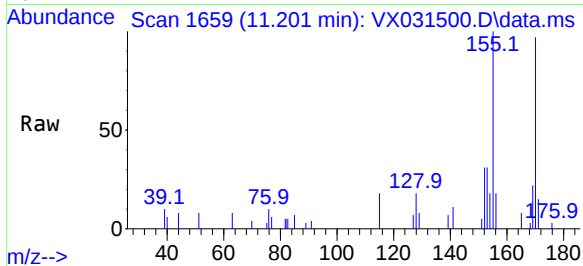




#77
Bromobenzene
Concen: 0.346 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

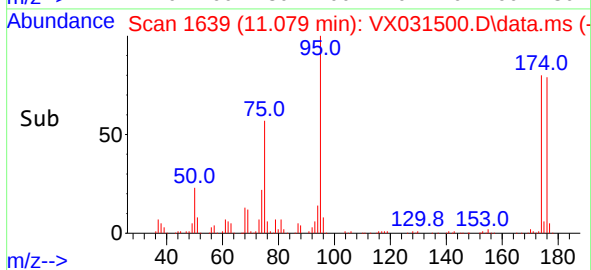
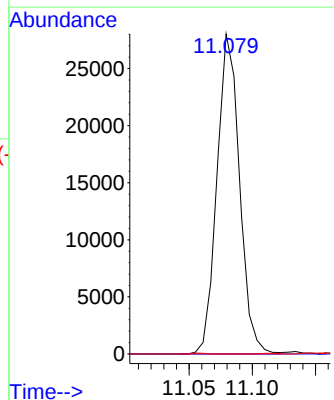
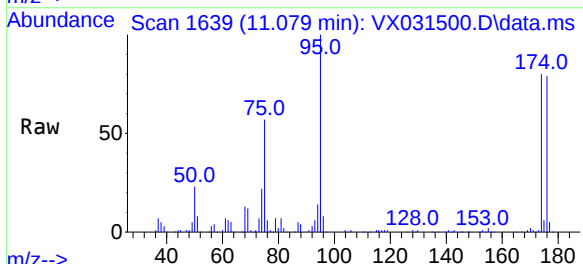
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

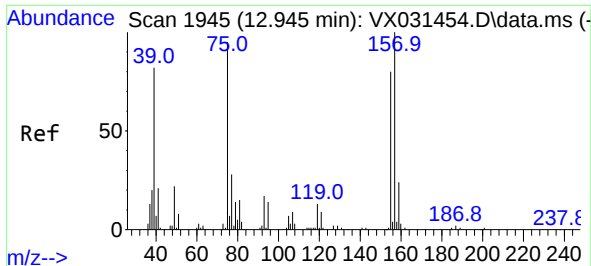
Tgt Ion:156 Resp: 433
Ion Ratio Lower Upper
156 100
77 33.5 79.5 238.6#
158 0.0 48.4 145.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Tgt Ion: 75 Resp: 34723
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: 5.966 ug/l

RT: 12.866 min Scan# 1945

Delta R.T. -0.079 min

Lab File: VX031500.D

Acq: 20 Sep 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

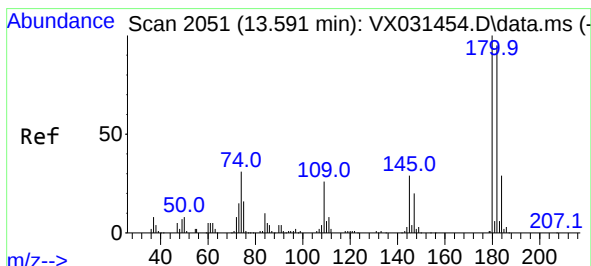
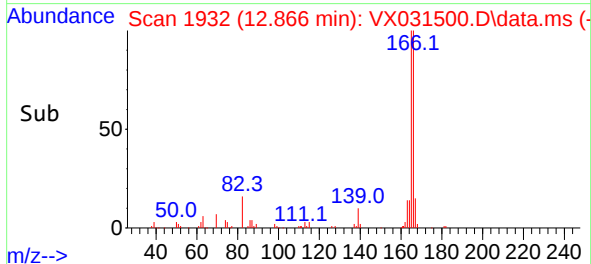
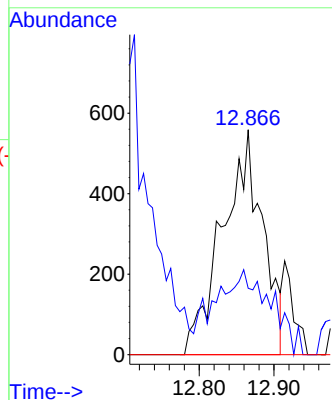
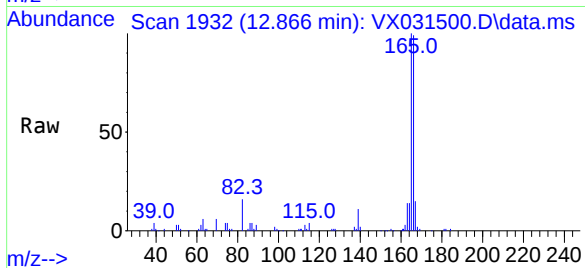
Tgt Ion: 75 Resp: 2079

Ion Ratio Lower Upper

75 100

155 47.0 40.3 120.8

157 0.0 51.5 154.5#



#93

1,2,4-Trichlorobenzene

Concen: 0.438 ug/l

RT: 13.335 min Scan# 2009

Delta R.T. -0.256 min

Lab File: VX031500.D

Acq: 20 Sep 2022 16:57

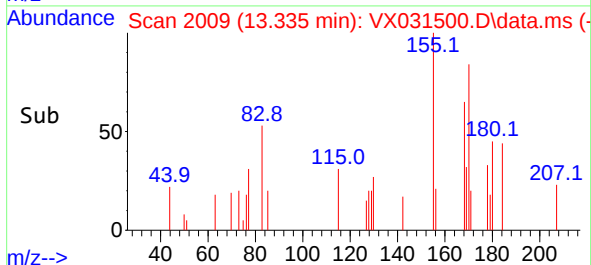
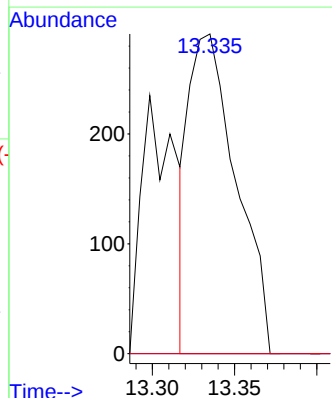
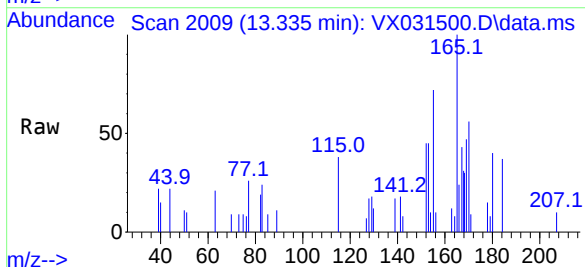
Tgt Ion:180 Resp: 582

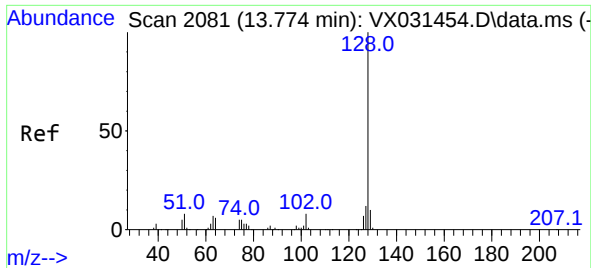
Ion Ratio Lower Upper

180 100

182 0.0 46.9 140.6#

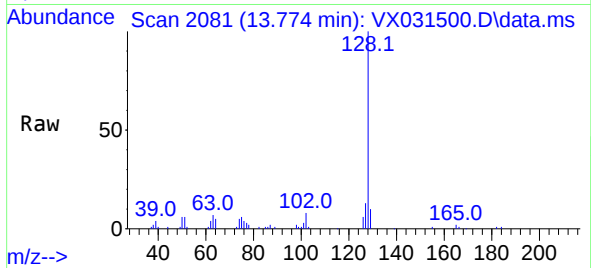
145 0.0 16.7 50.1#





#95
Naphthalene
Concen: 4.143 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031500.D
Acq: 20 Sep 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
VIBLK



Tgt Ion:	128	Resp:	20169
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.4	15.6
129	11.3	8.8	13.2

