

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034097.D
 Acq On : 09 Feb 2023 11:40
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 10 01:06:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

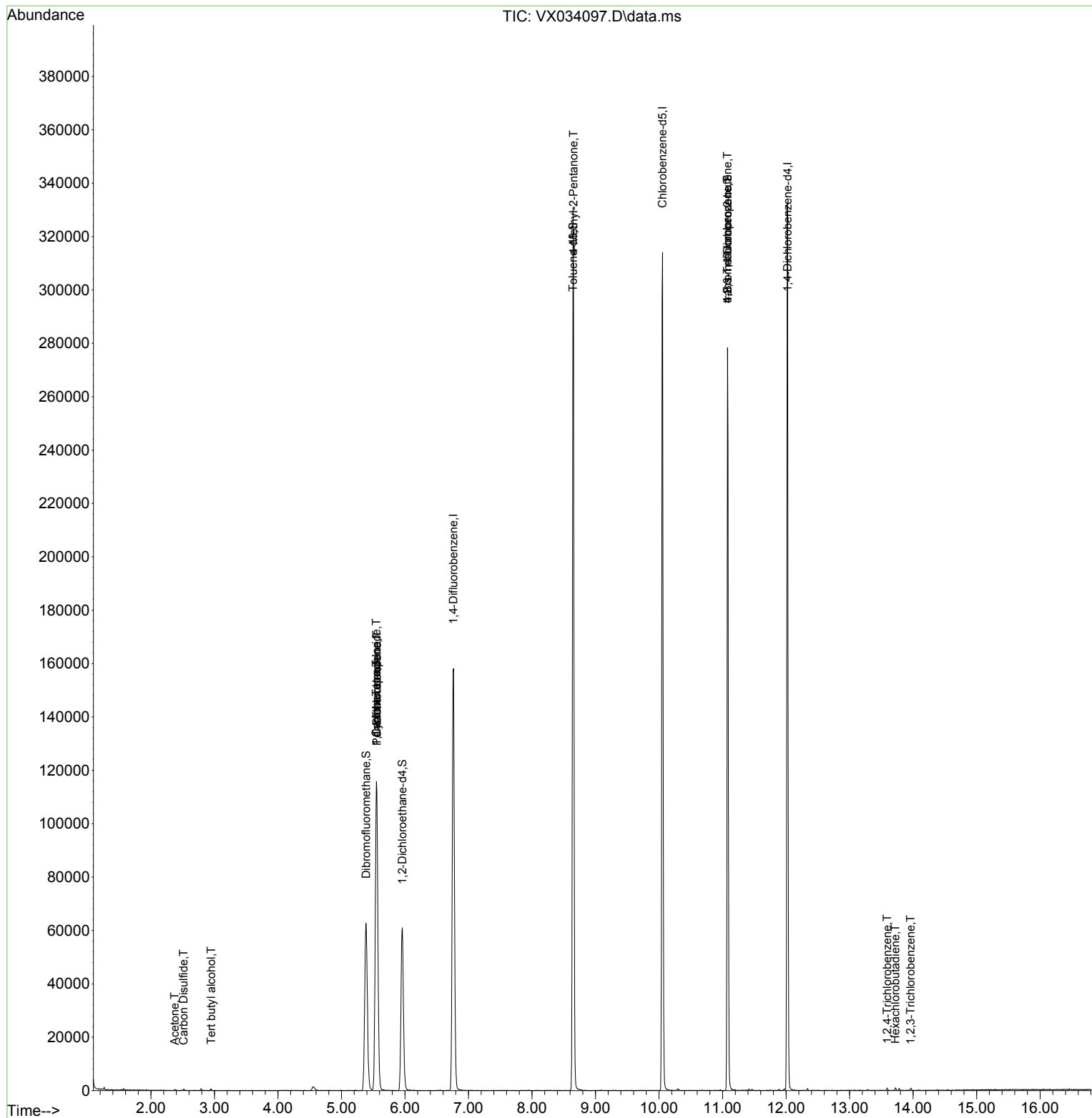
Internal Standards						
1) Pentafluorobenzene	5.556	168	126391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61148	50.184	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.360%	
35) Dibromofluoromethane	5.385	113	55462	50.137	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.280%	
50) Toluene-d8	8.647	98	199962	50.171	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	11.079	95	70886	49.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	265	1.552	ug/l #	86
16) Acetone	2.373	43	297	0.577	ug/l #	47
17) Carbon Disulfide	2.514	76	530	0.202	ug/l #	76
31) Cyclohexane	5.550	56	1772	0.999	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7159	4.720	ug/l #	45
38) Carbon Tetrachloride	5.550	117	10800	6.677	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	775	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33298	24.547	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33298	75.595	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	395	0.213	ug/l	90
94) Hexachlorobutadiene	13.719	225	325	0.355	ug/l	82
96) 1,2,3-Trichlorobenzene	13.963	180	406	0.218	ug/l #	82

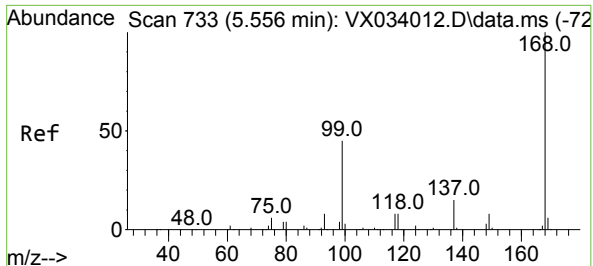
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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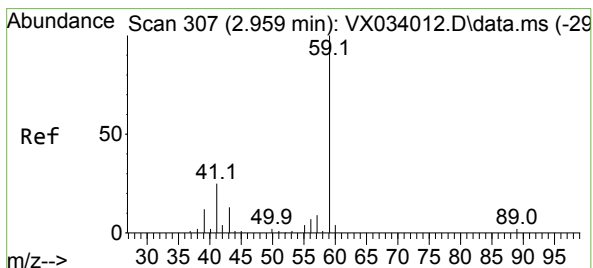
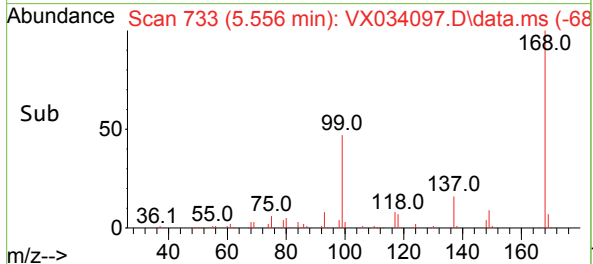
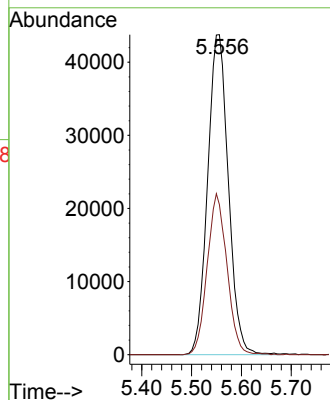
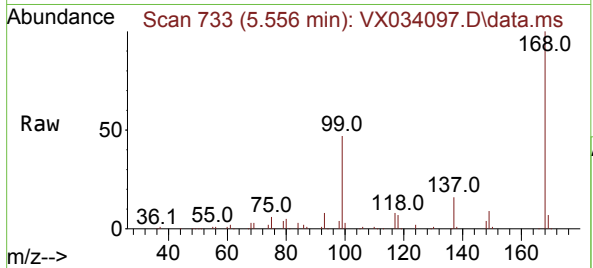




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

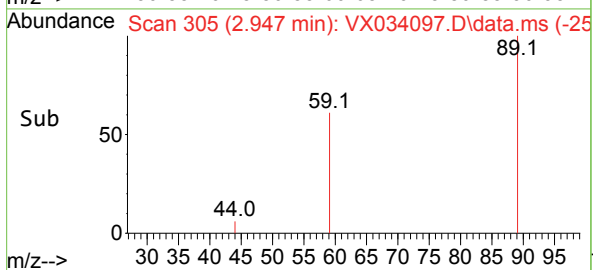
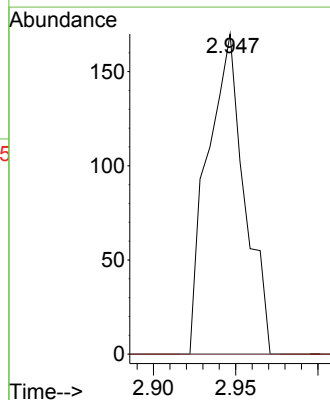
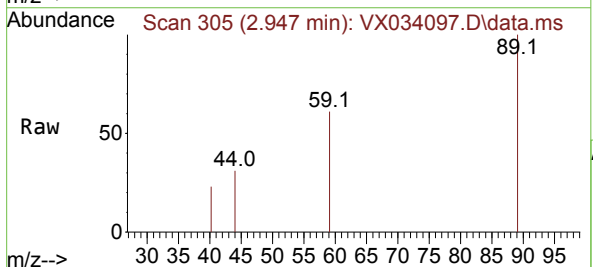
Instrument :
MSVOA_X
ClientSampleId :
IBLK

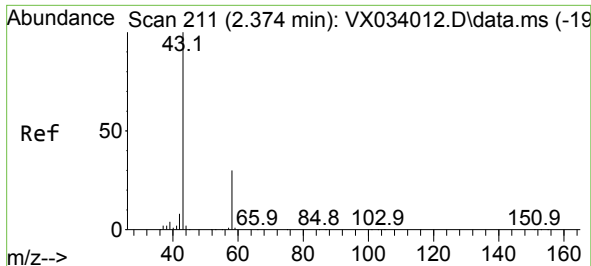
Tgt Ion:168 Resp: 126391
Ion Ratio Lower Upper
168 100
99 46.9 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.552 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

Tgt Ion: 59 Resp: 265
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#





#16

Acetone

Concen: 0.577 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034097.D

Acq: 09 Feb 2023 11:40

Instrument :

MSVOA_X

ClientSampleId :

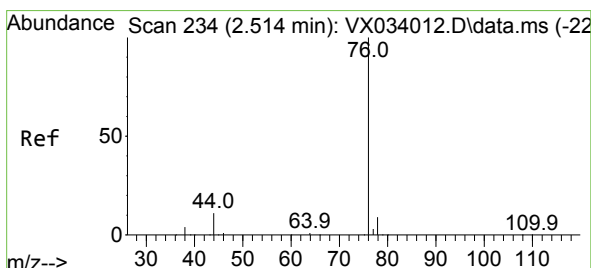
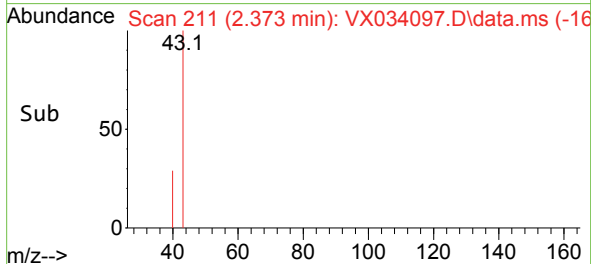
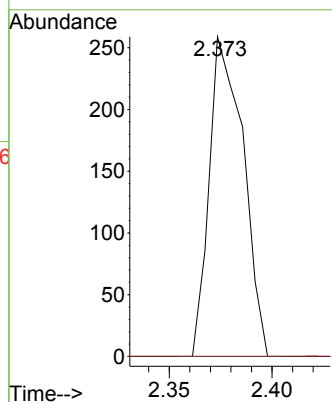
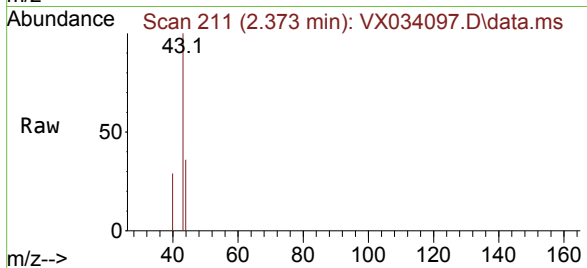
IBLK

Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#



#17

Carbon Disulfide

Concen: 0.202 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034097.D

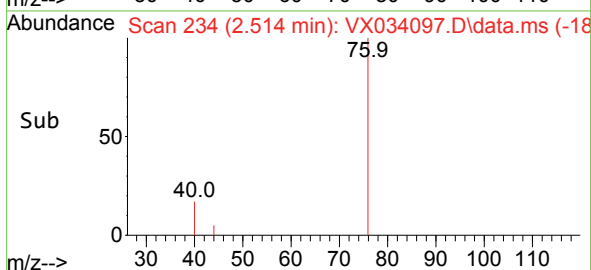
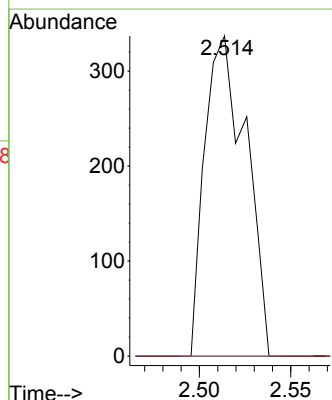
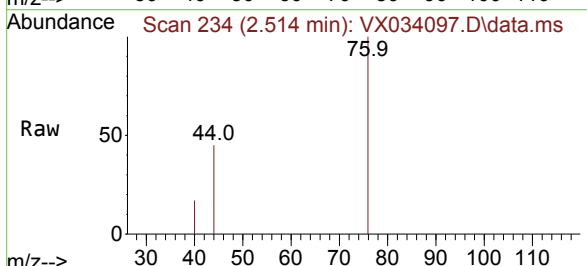
Acq: 09 Feb 2023 11:40

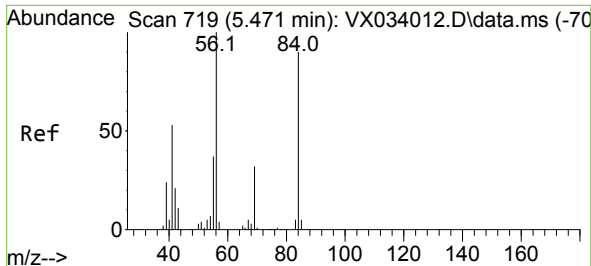
Tgt Ion: 76 Resp: 530

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

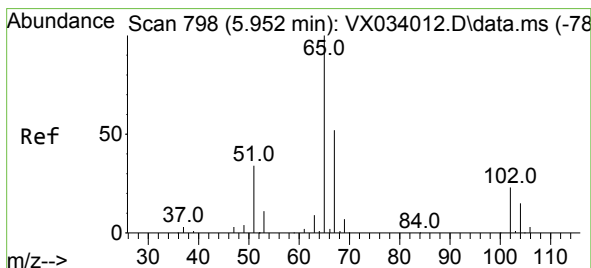
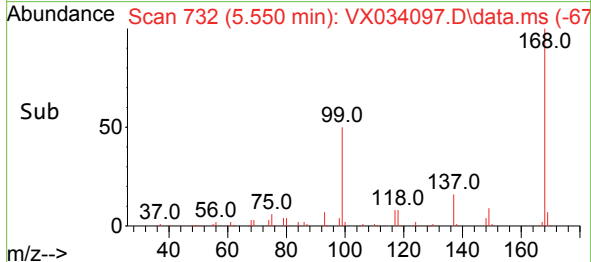
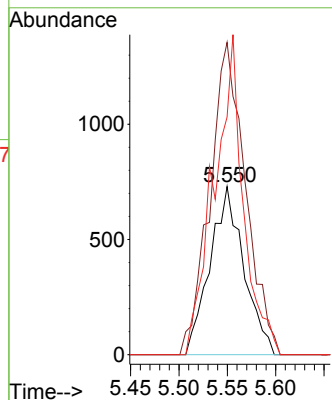
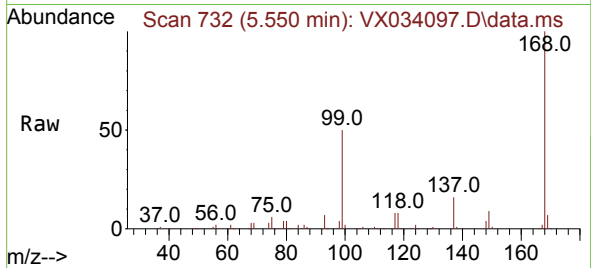




#31
Cyclohexane
Concen: 0.999 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

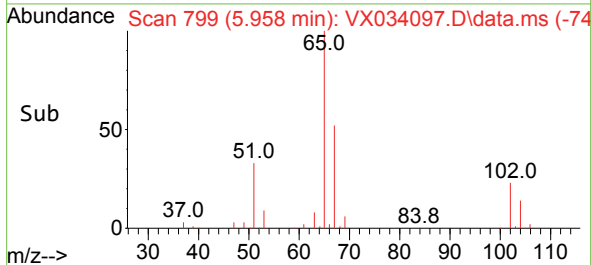
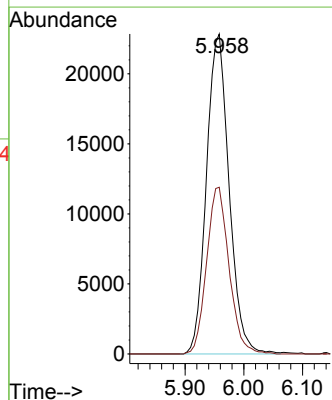
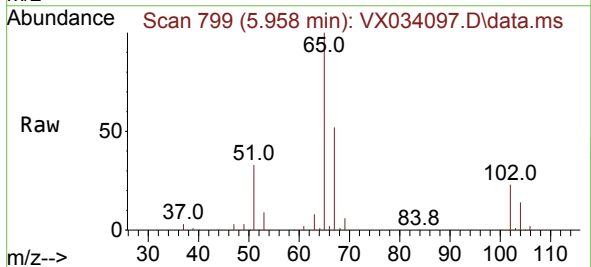
Instrument :
MSVOA_X
ClientSampleId :
IBLK

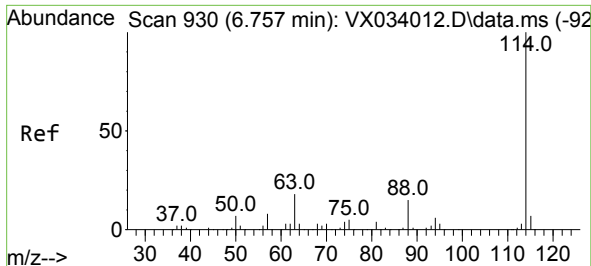
Tgt Ion: 56 Resp: 1772
Ion Ratio Lower Upper
56 100
69 185.8 24.6 37.0#
84 141.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 50.184 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

Tgt Ion: 65 Resp: 61148
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

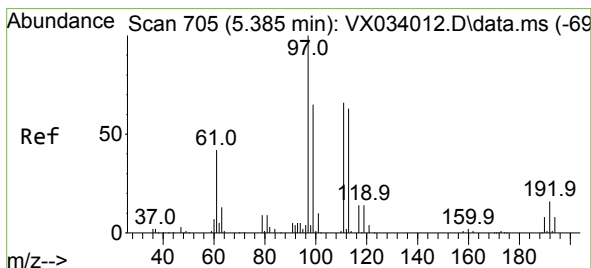
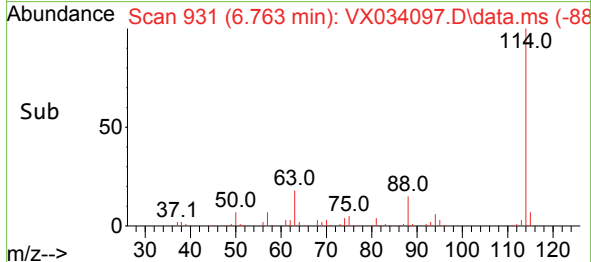
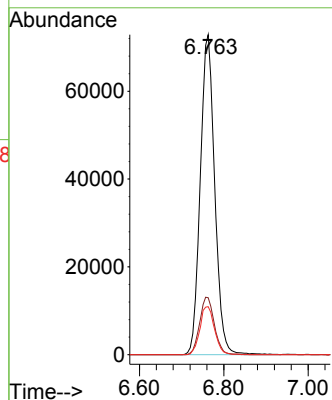
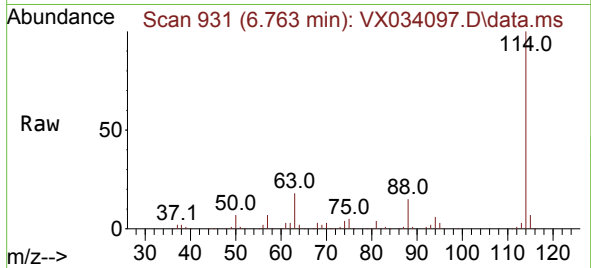




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

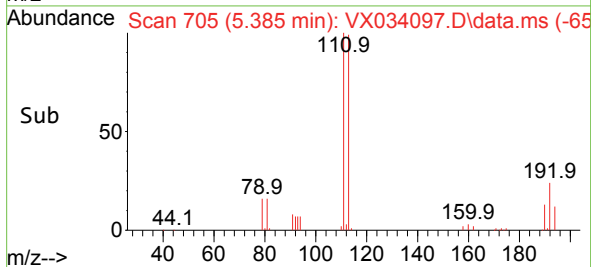
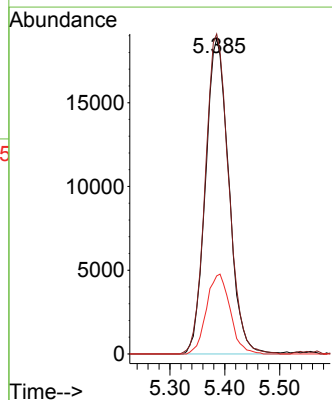
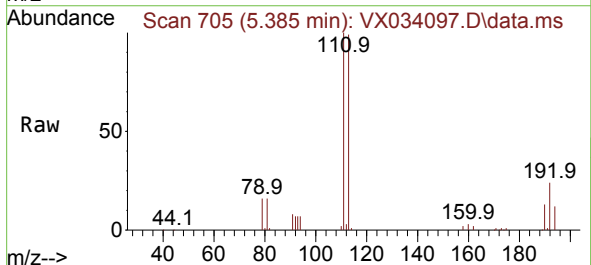
Instrument :
MSVOA_X
ClientSampleId :
IBLK

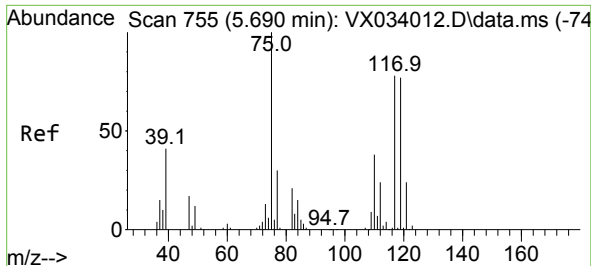
Tgt Ion:114 Resp: 173813
Ion Ratio Lower Upper
114 100
63 17.8 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.137 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

Tgt Ion:113 Resp: 55462
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 25.7 19.0 28.4

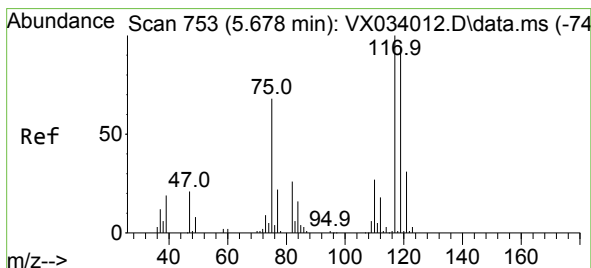
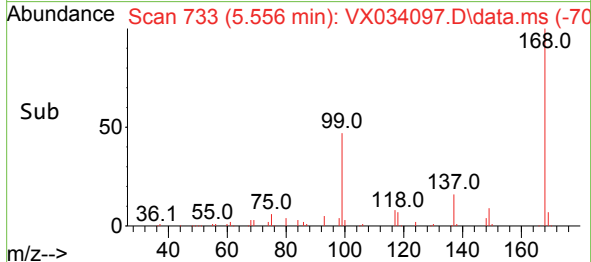
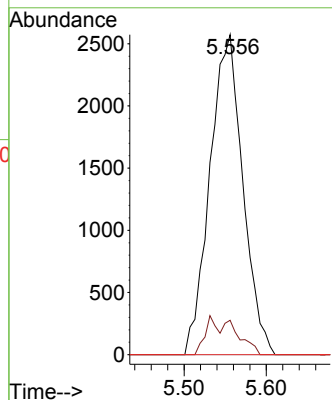
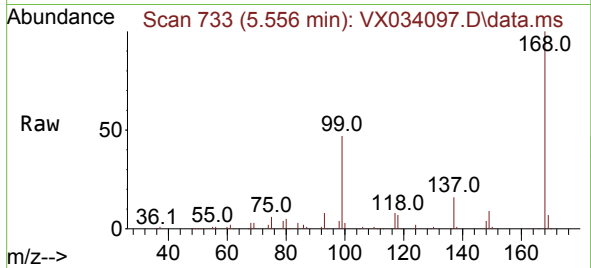




#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 5.556 min Scan# 715
Delta R.T. -0.134 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

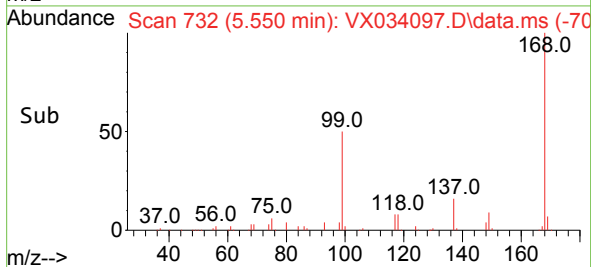
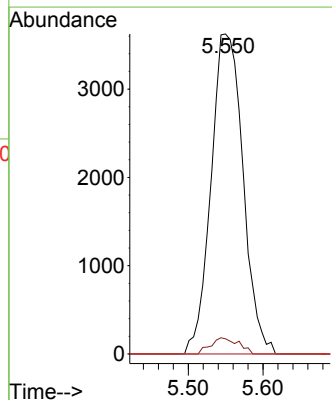
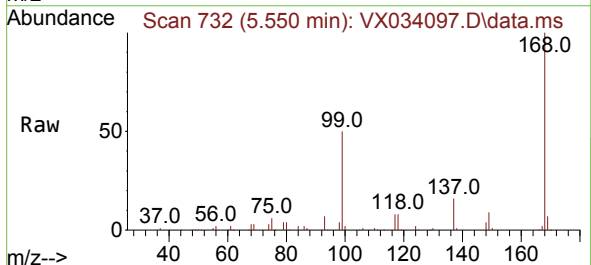
Instrument :
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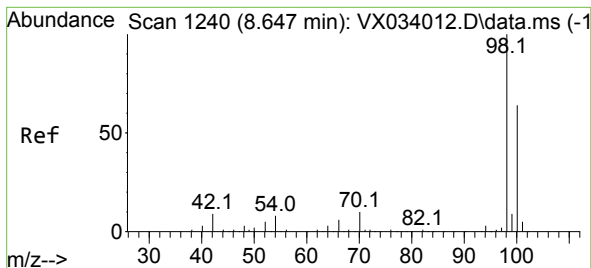
Tgt Ion: 75 Resp: 7159
Ion Ratio Lower Upper
75 100
110 5.7 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.677 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

Tgt Ion: 117 Resp: 10800
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 50.171 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034097.D

Acq: 09 Feb 2023 11:40

Instrument :

MSVOA_X

ClientSampleId :

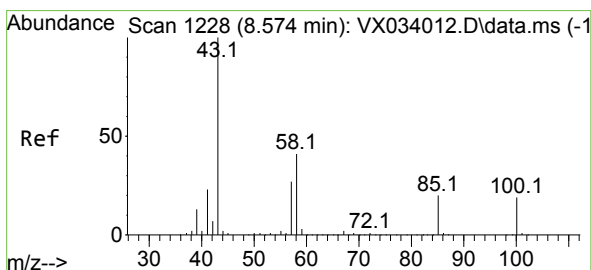
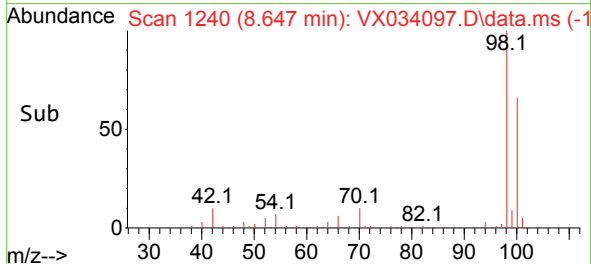
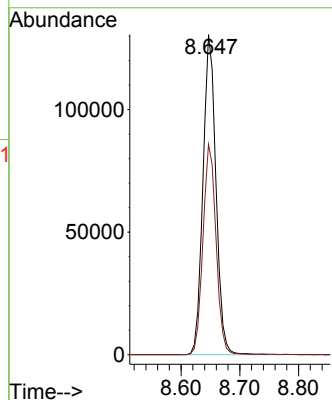
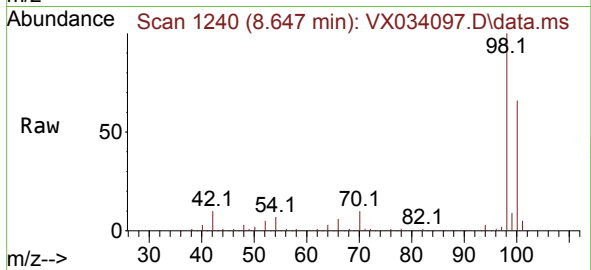
IBLK

Tgt Ion: 98 Resp: 199962

Ion Ratio Lower Upper

98 100

100 66.3 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 0.561 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX034097.D

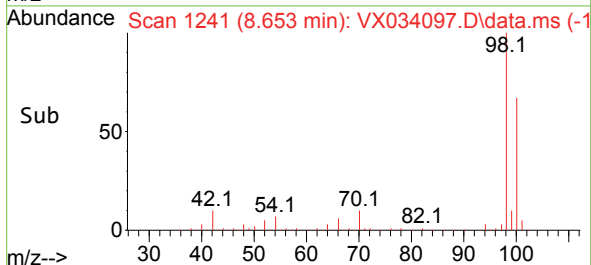
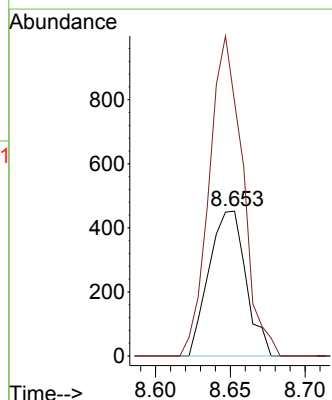
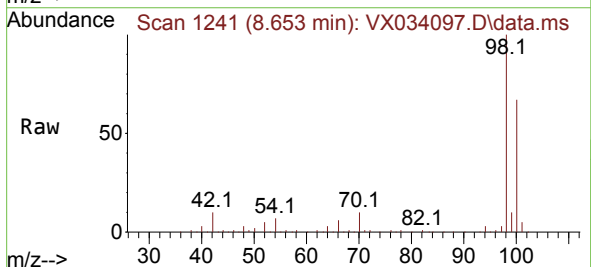
Acq: 09 Feb 2023 11:40

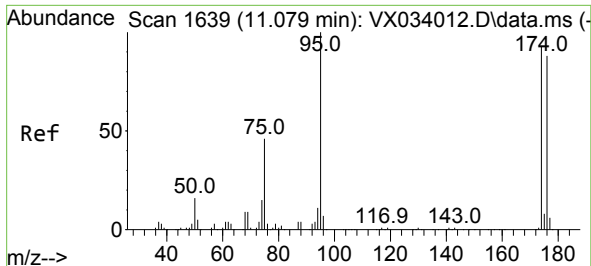
Tgt Ion: 43 Resp: 775

Ion Ratio Lower Upper

43 100

58 200.4 31.2 46.8#

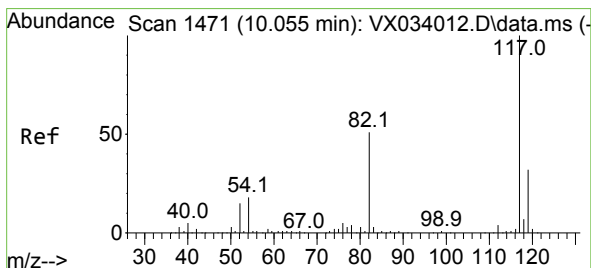
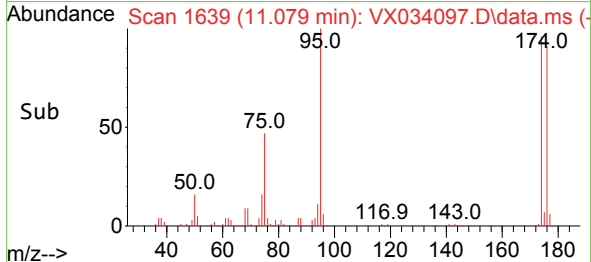
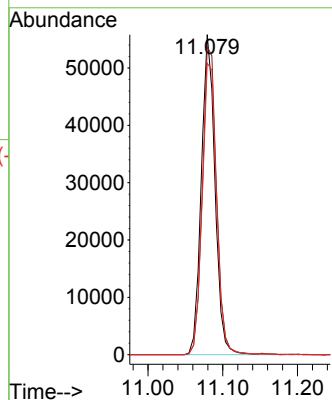
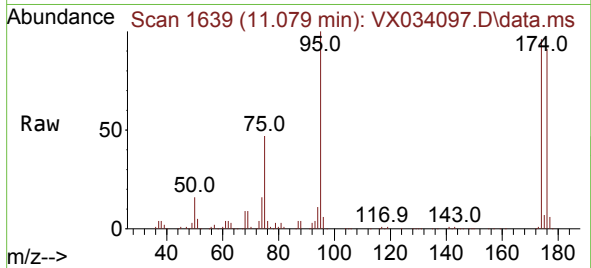




#62
4-Bromofluorobenzene
Concen: 49.798 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

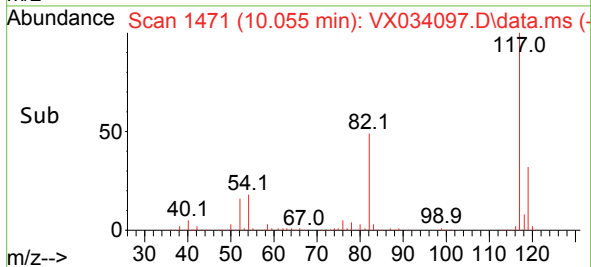
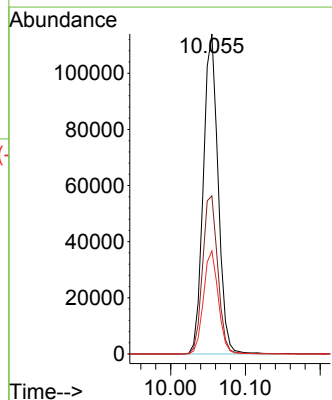
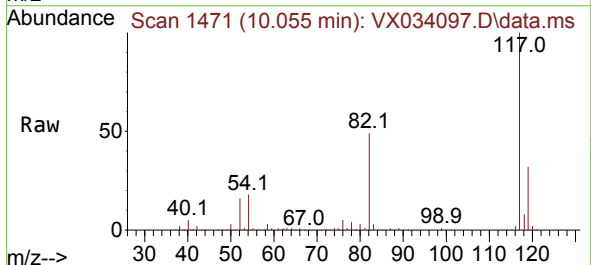
Instrument :
MSVOA_X
ClientSampleId :
IBLK

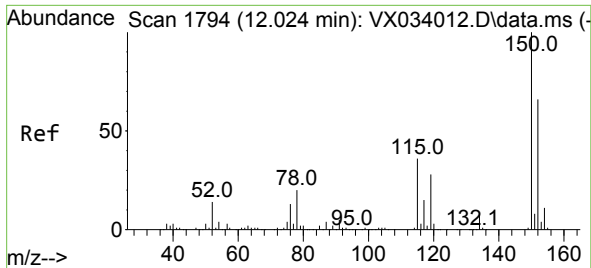
Tgt Ion: 95 Resp: 70886
Ion Ratio Lower Upper
95 100
174 99.8 0.0 184.4
176 96.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

Tgt Ion: 117 Resp: 156726
Ion Ratio Lower Upper
117 100
82 49.4 40.6 60.8
119 32.2 25.6 38.4

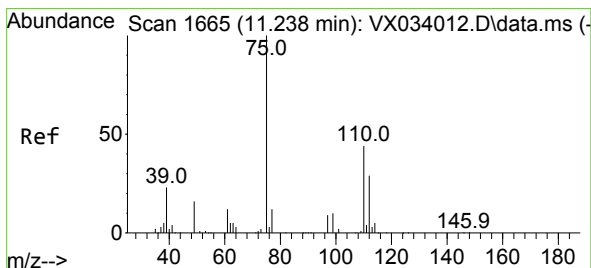
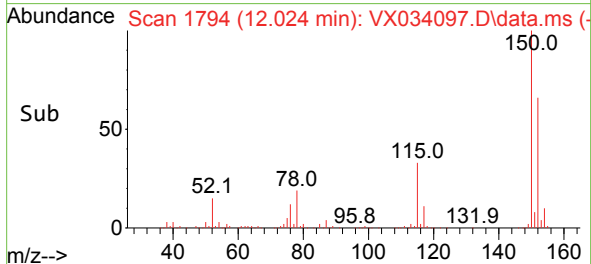
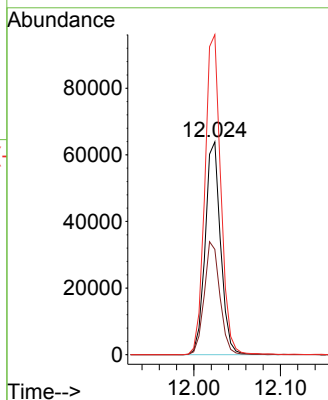
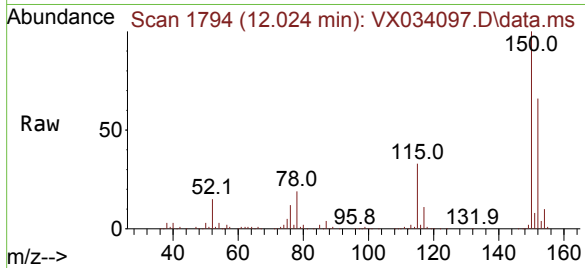




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034097.D
 Acq: 09 Feb 2023 11:40

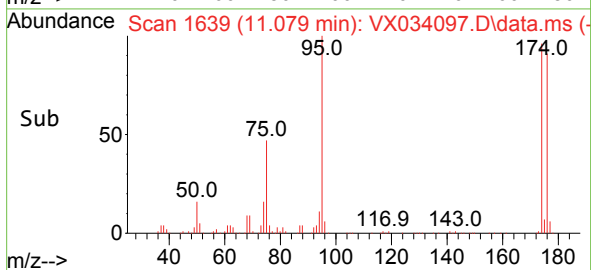
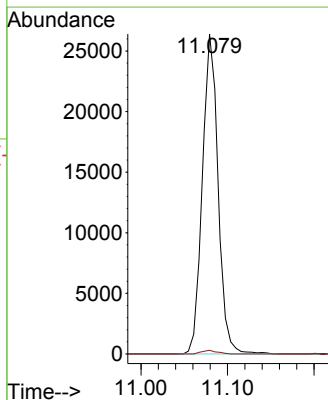
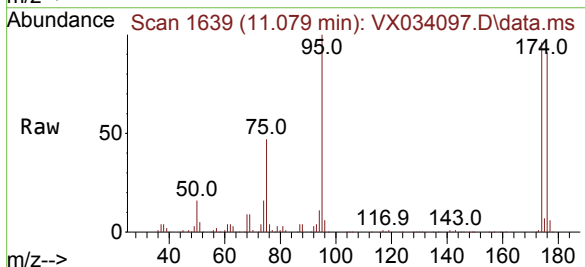
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

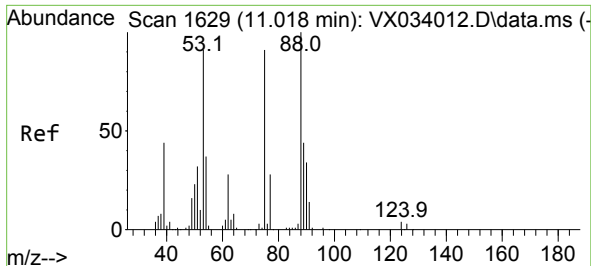
Tgt Ion:152 Resp: 79001
 Ion Ratio Lower Upper
 152 100
 115 53.8 38.7 116.1
 150 155.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.547 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034097.D
 Acq: 09 Feb 2023 11:40

Tgt Ion: 75 Resp: 33298
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.8 65.4#

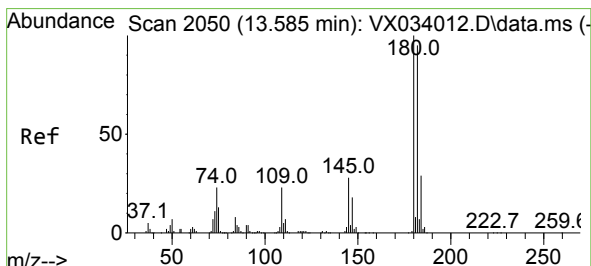
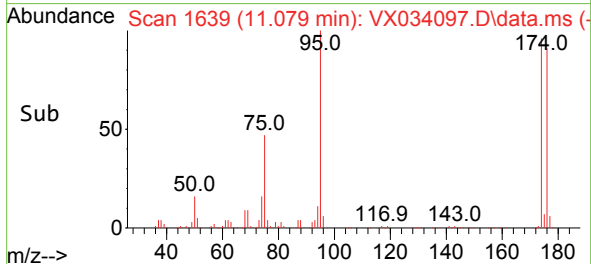
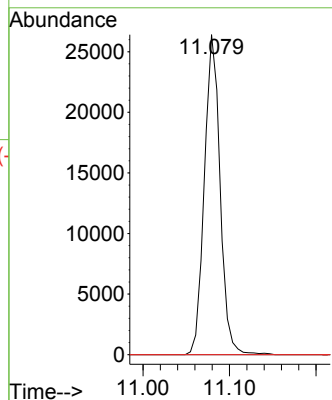
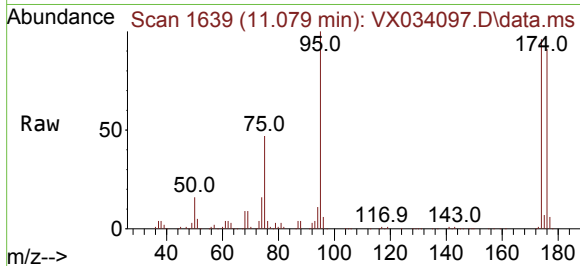




#81
trans-1,4-Dichloro-2-butene
Concen: 75.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

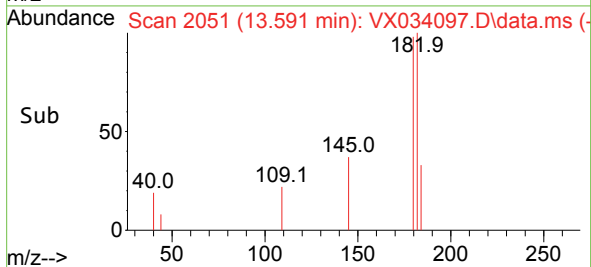
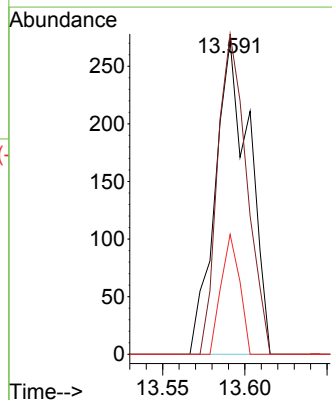
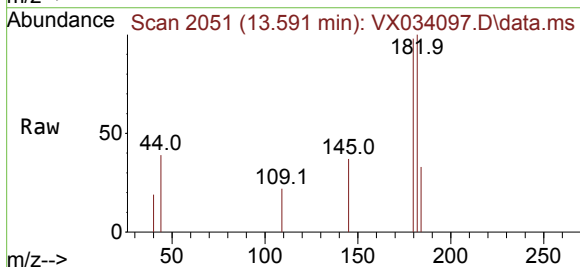
Instrument :
MSVOA_X
ClientSampleId :
IBLK

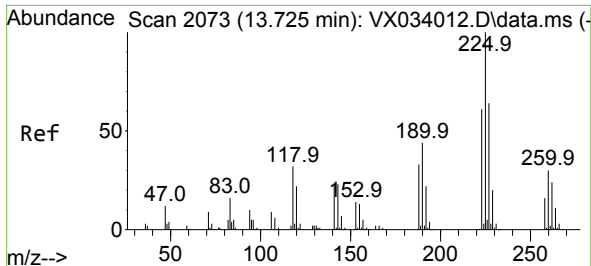
Tgt Ion: 75 Resp: 33298
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.213 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

Tgt Ion: 180 Resp: 395
Ion Ratio Lower Upper
180 100
182 86.6 47.9 143.6
145 20.8 14.1 42.2

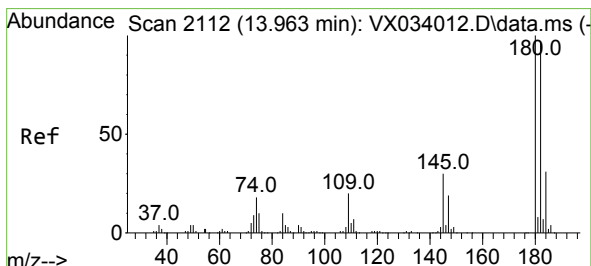
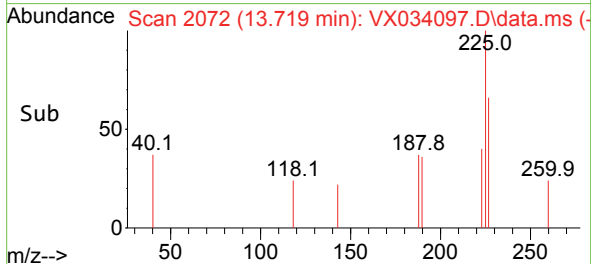
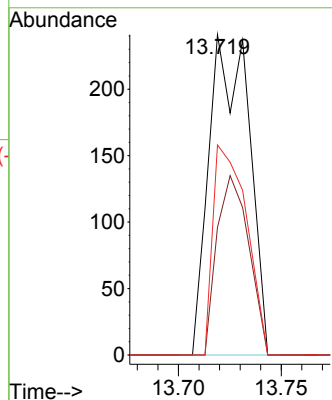
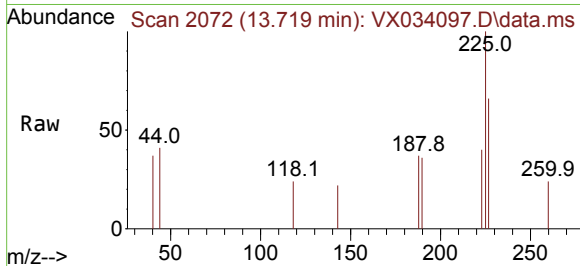




#94
Hexachlorobutadiene
Concen: 0.355 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:225 Resp: 325
Ion Ratio Lower Upper
225 100
223 44.6 31.3 93.9
227 54.8 32.3 96.9



#96
1,2,3-Trichlorobenzene
Concen: 0.218 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034097.D
Acq: 09 Feb 2023 11:40

Tgt Ion:180 Resp: 406
Ion Ratio Lower Upper
180 100
182 89.2 47.6 142.9
145 0.0 15.1 45.3#

