

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034370.D
 Acq On : 07 Mar 2023 14:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 08 01:02:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

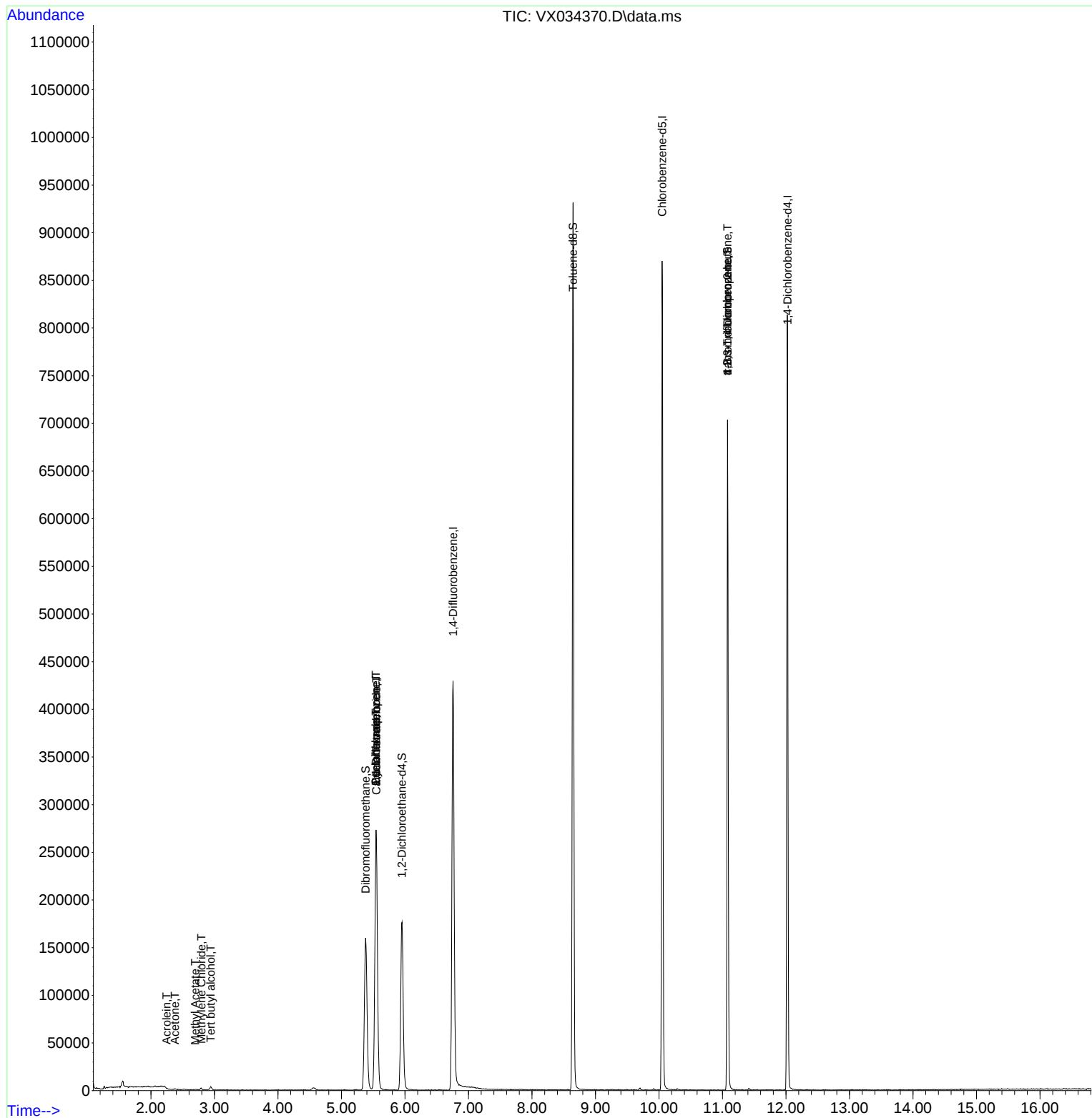
Internal Standards						
1) Pentafluorobenzene	5.544	168	264724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	447225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	392971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165840	46.516	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.040%	
35) Dibromofluoromethane	5.379	113	141081	48.450	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.900%	
50) Toluene-d8	8.647	98	541304	51.777	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	103.560%	
62) 4-Bromofluorobenzene	11.079	95	181797	45.461	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	90.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	168	Below Cal	#	55
11) Tert butyl alcohol	2.941	59	2103	2.637	ug/l #	86
13) Acrolein	2.246	56	114	0.313	ug/l #	78
16) Acetone	2.380	43	794	0.432	ug/l #	47
18) Methyl Acetate	2.697	43	1398	0.246	ug/l #	69
20) Methylene Chloride	2.794	84	855	0.258	ug/l #	89
31) Cyclohexane	5.544	56	5761	1.082	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20929	4.860	ug/l #	48
38) Carbon Tetrachloride	5.550	117	26135	5.898	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	92006	21.669	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	92006	55.666	ug/l #	8

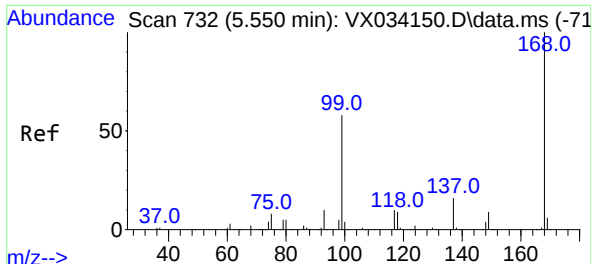
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
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Quant Title : SW846 8260
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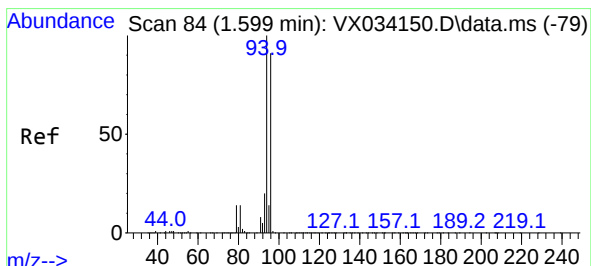
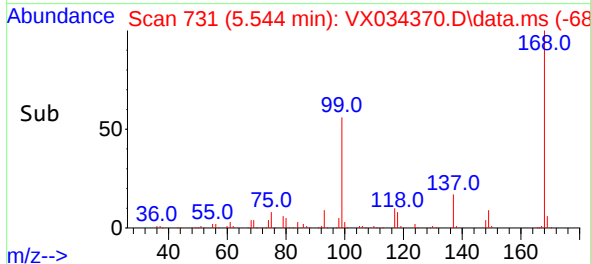
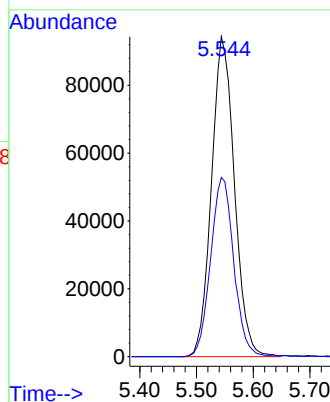
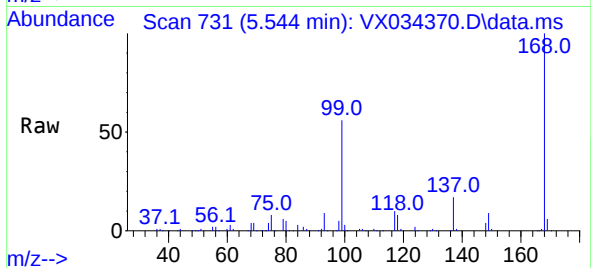




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

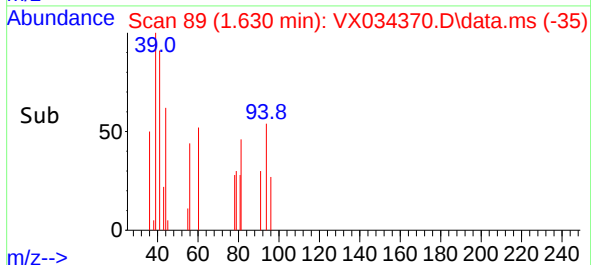
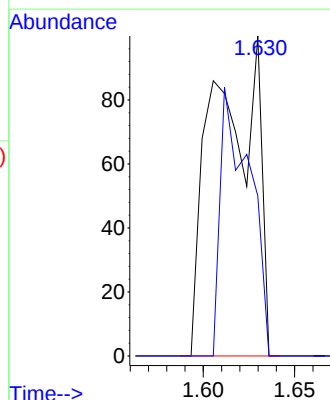
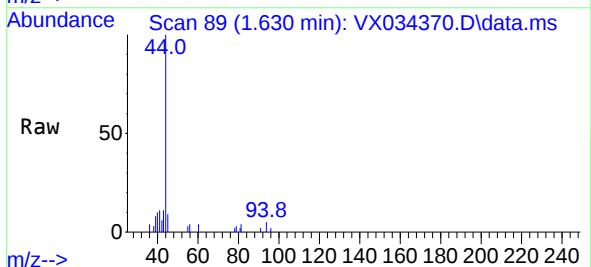
Instrument :
MSVOA_X
ClientSampleId :
IBLK

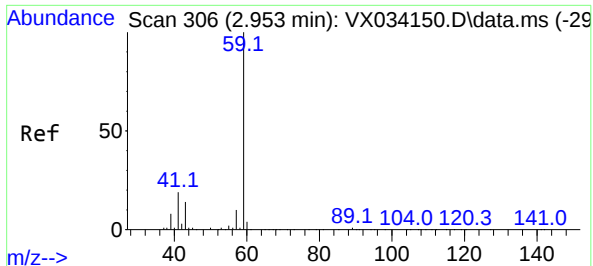
Tgt Ion:168 Resp: 264724
Ion Ratio Lower Upper
168 100
99 56.0 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 50.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 2.637 ug/l

RT: 2.941 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034370.D

Acq: 07 Mar 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

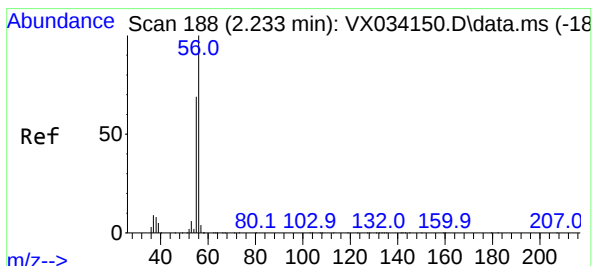
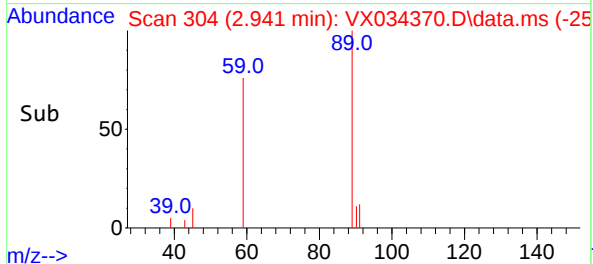
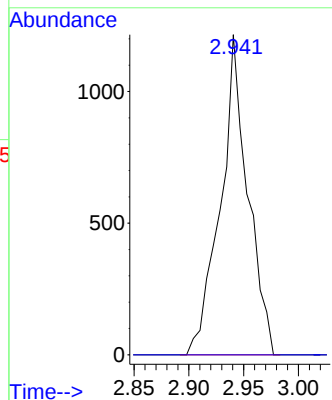
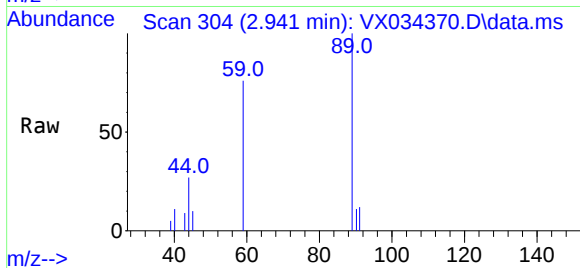
IBLK

Tgt Ion: 59 Resp: 2103

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.313 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX034370.D

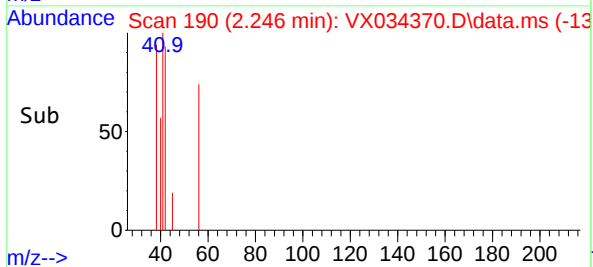
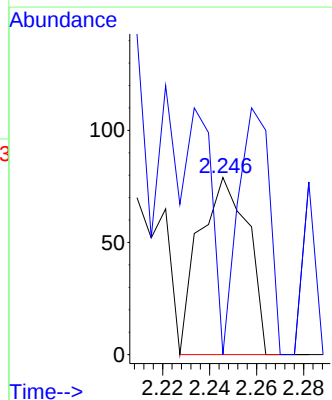
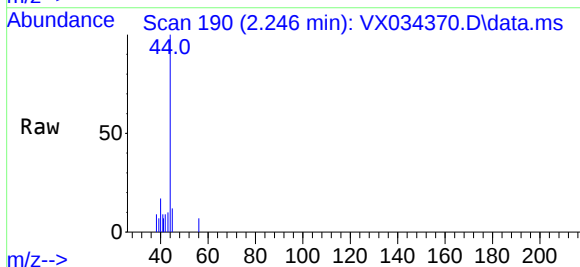
Acq: 07 Mar 2023 14:56

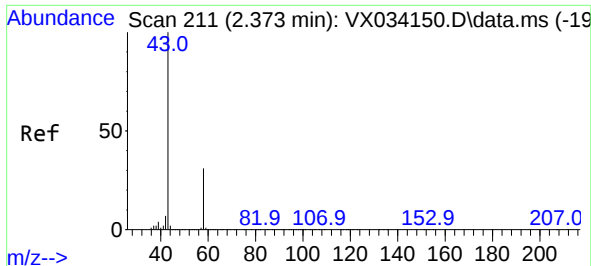
Tgt Ion: 56 Resp: 114

Ion Ratio Lower Upper

56 100

55 88.6 56.3 84.5#

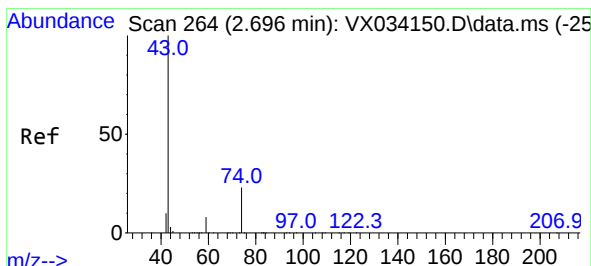
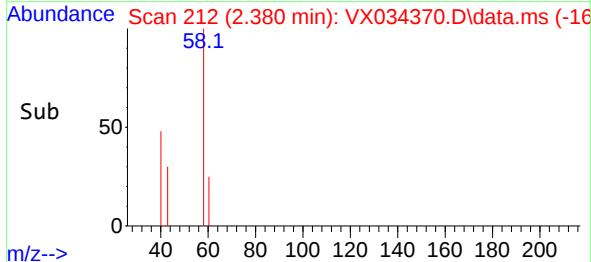
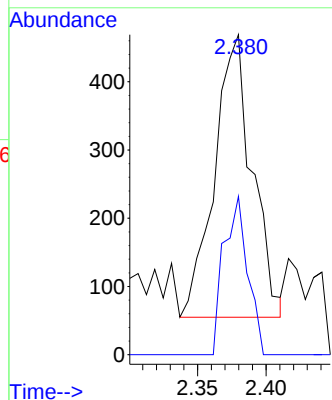
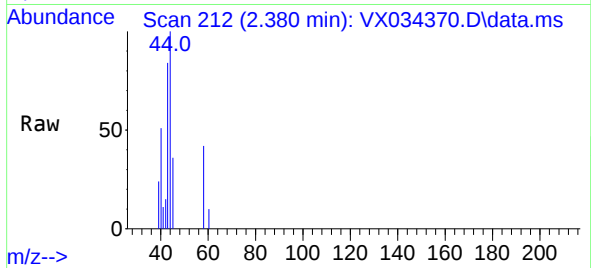




#16
Acetone
Concen: 0.432 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

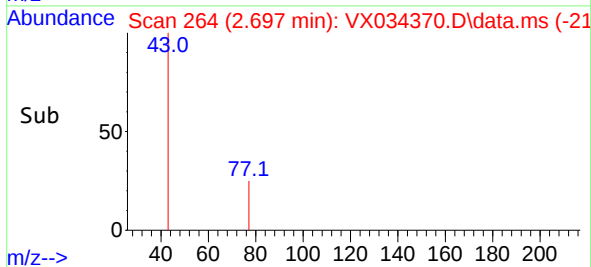
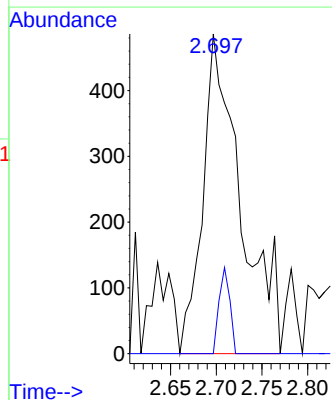
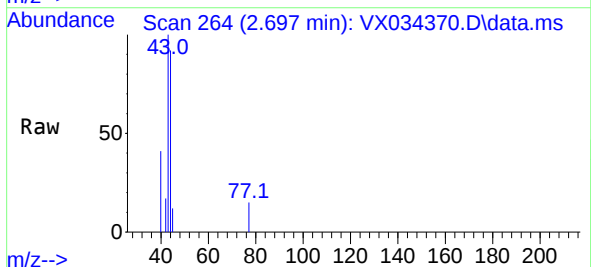
Instrument :
MSVOA_X
Client Sample Id :
IBLK

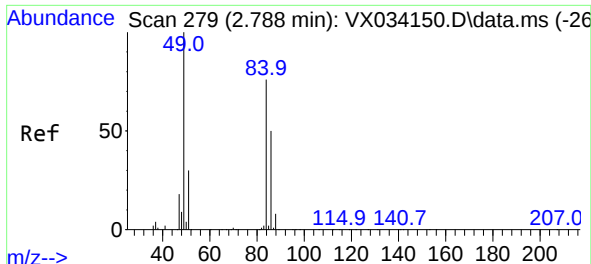
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 56.0 22.6 33.8#



#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
74 7.6 18.2 27.4#



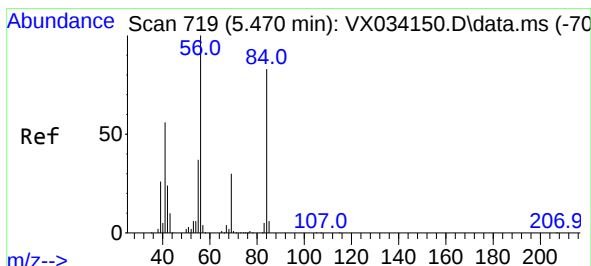
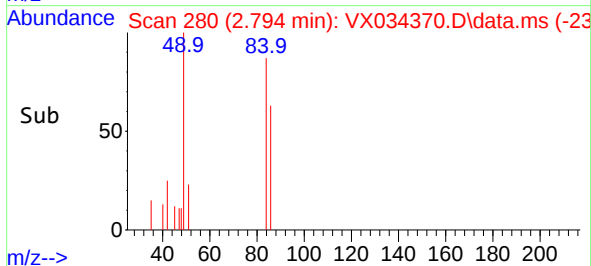
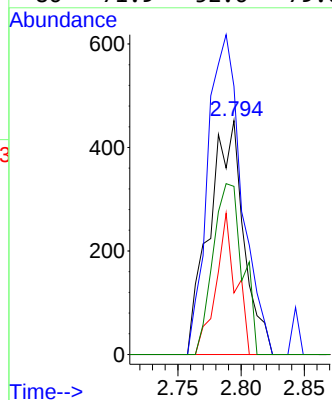
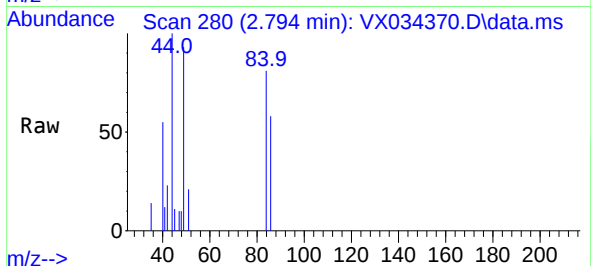


#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 855

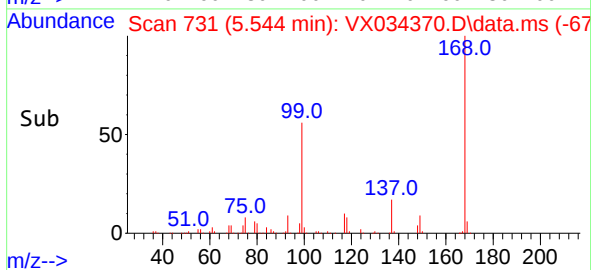
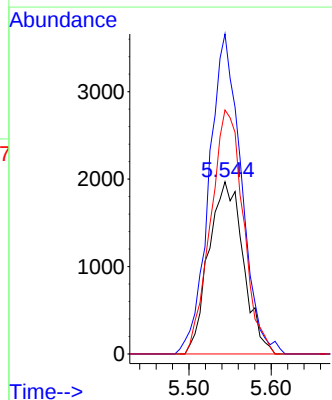
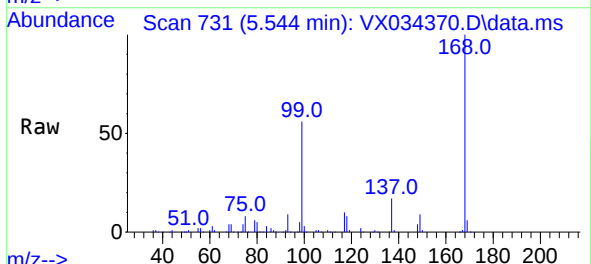
Ion	Ratio	Lower	Upper
84	100		
49	114.6	101.1	151.7
51	26.3	31.0	46.6#
86	71.9	52.6	79.0

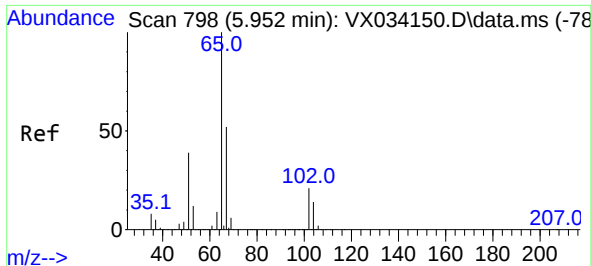


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

Tgt Ion: 56 Resp: 5761

Ion	Ratio	Lower	Upper
56	100		
69	183.0	24.6	37.0#
84	141.7	71.0	106.6#

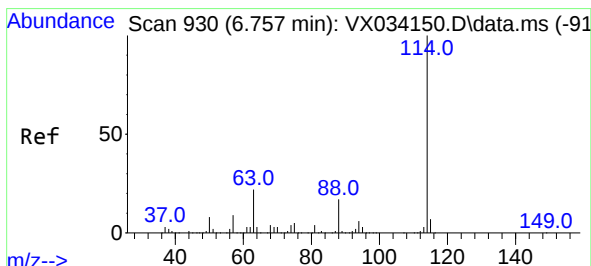
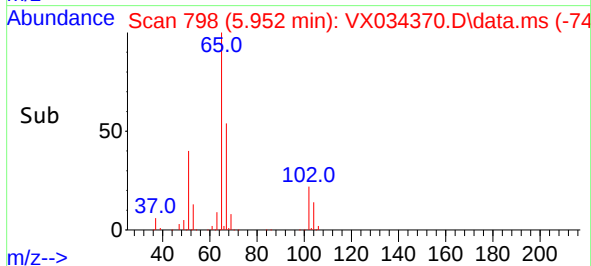
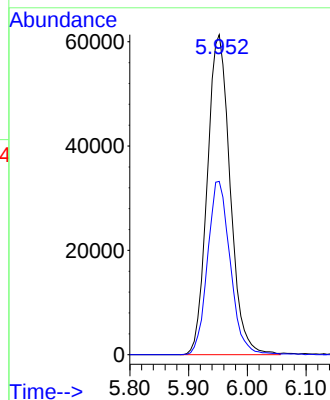
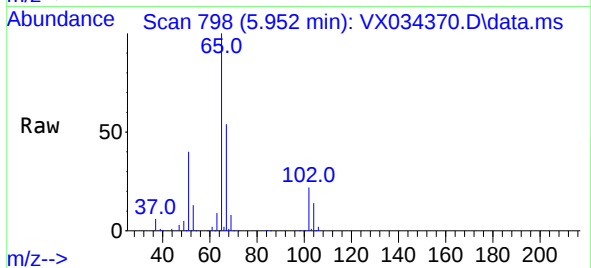




#33
1,2-Dichloroethane-d4
Concen: 46.516 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

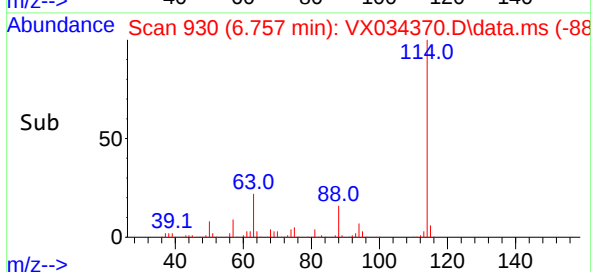
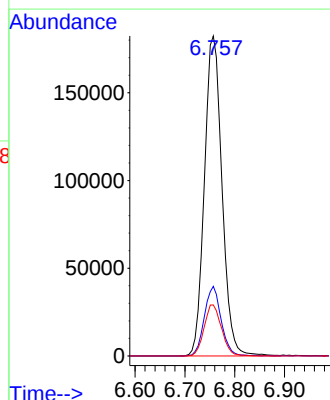
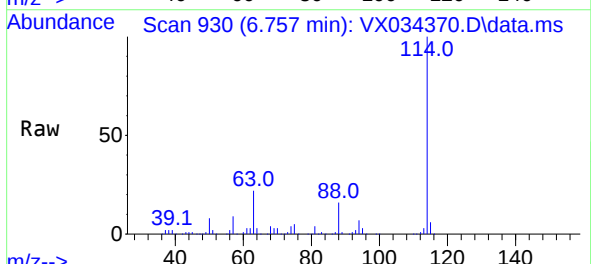
Instrument :
MSVOA_X
ClientSampleId :
IBLK

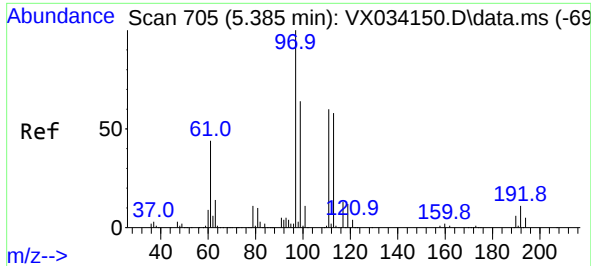
Tgt Ion: 65 Resp: 165840
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

Tgt Ion: 114 Resp: 447225
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.4
88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.450 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX034370.D

Acq: 07 Mar 2023 14:56

Instrument :

MSVOA_X

ClientSampleId :

IBLK

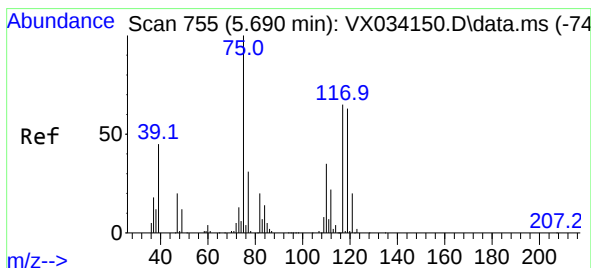
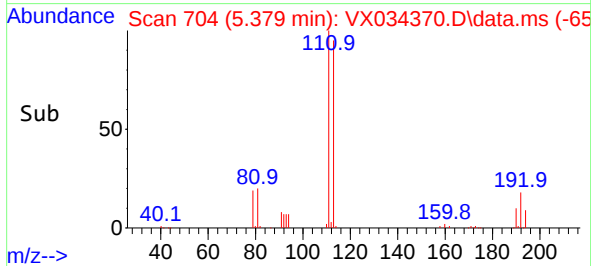
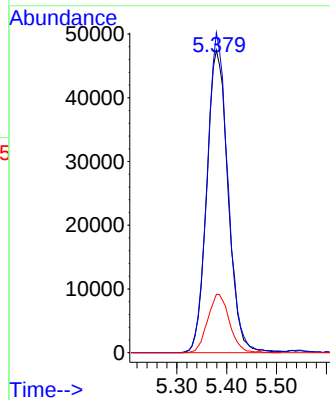
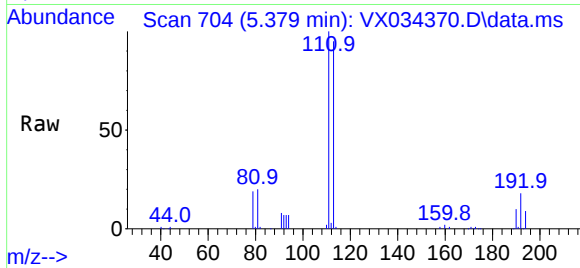
Tgt Ion:113 Resp: 141081

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

192 19.6 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.860 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX034370.D

Acq: 07 Mar 2023 14:56

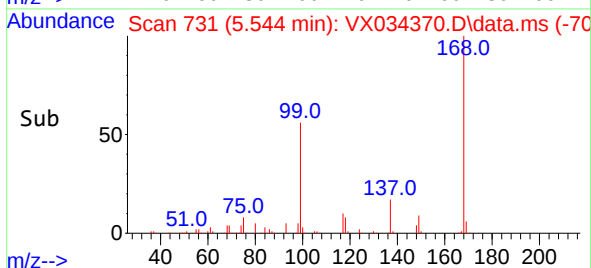
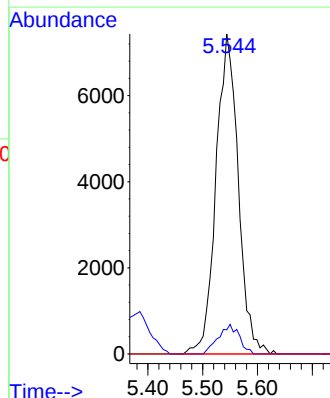
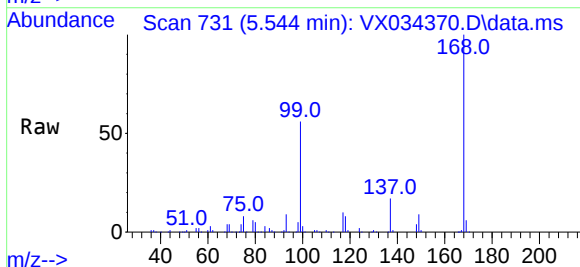
Tgt Ion: 75 Resp: 20929

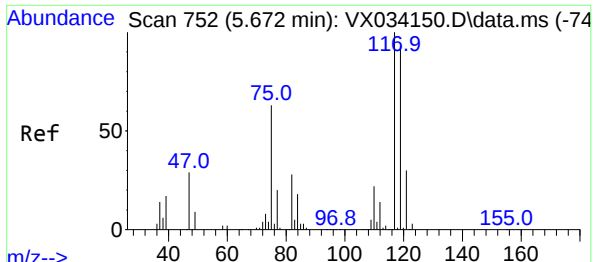
Ion Ratio Lower Upper

75 100

110 8.6 18.8 56.4#

77 0.0 25.1 37.7#

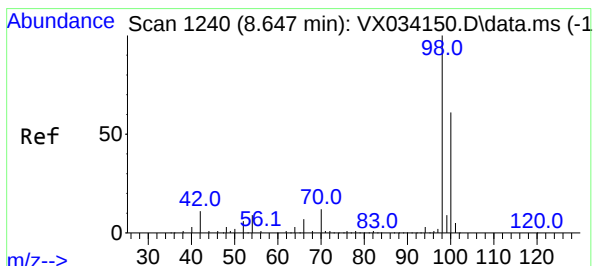
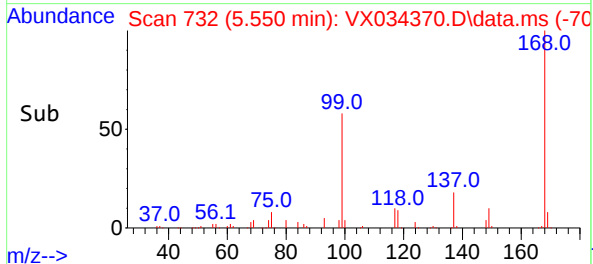
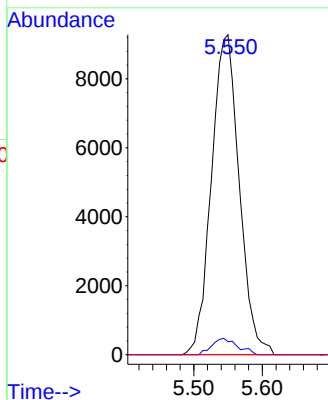
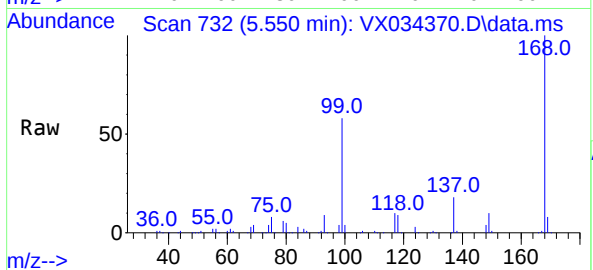




#38
Carbon Tetrachloride
Concen: 5.898 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

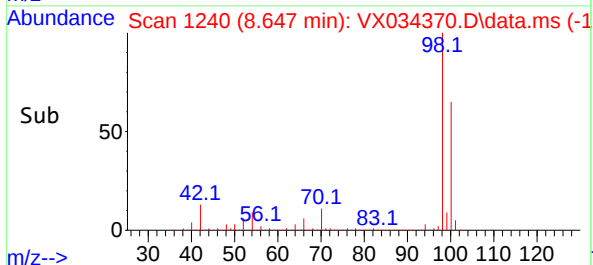
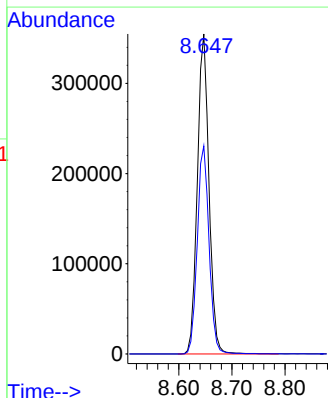
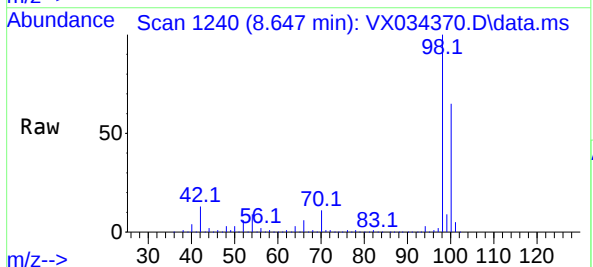
Instrument :
MSVOA_X
ClientSampleId :
IBLK

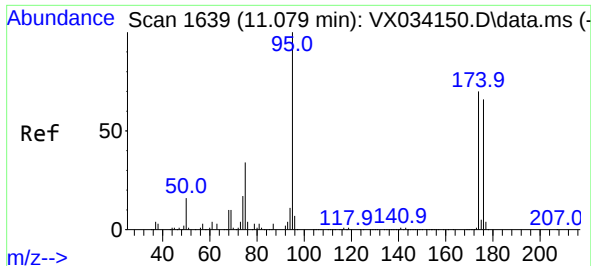
Tgt Ion:117 Resp: 26135
Ion Ratio Lower Upper
117 100
119 4.1 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.777 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

Tgt Ion: 98 Resp: 541304
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4

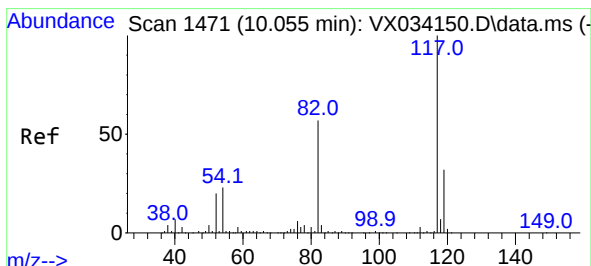
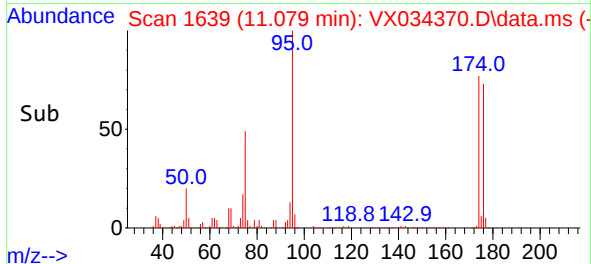
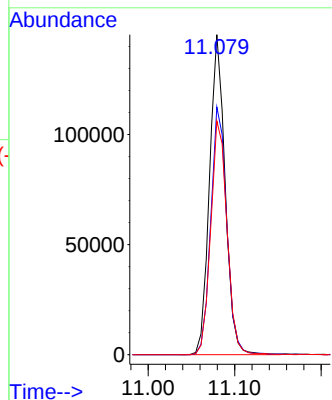
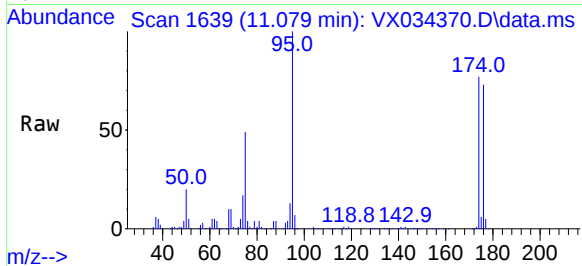




#62
4-Bromofluorobenzene
Concen: 45.461 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

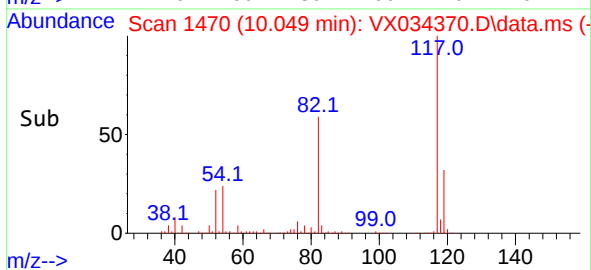
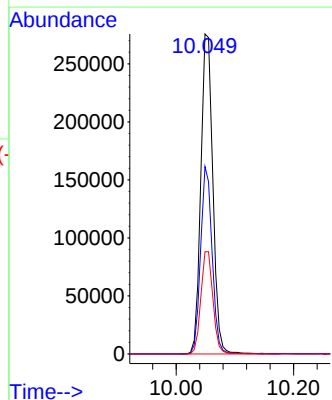
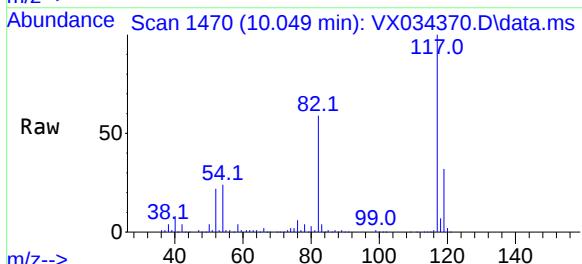
Instrument :
MSVOA_X
ClientSampleId :
IBLK

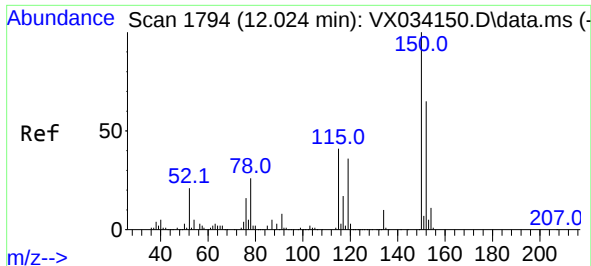
Tgt Ion: 95 Resp: 181797
Ion Ratio Lower Upper
95 100
174 79.5 0.0 184.4
176 76.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

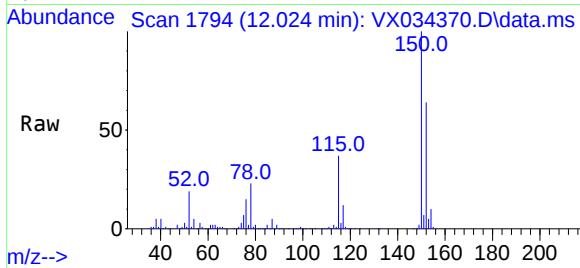
Tgt Ion: 117 Resp: 392971
Ion Ratio Lower Upper
117 100
82 58.6 40.6 60.8
119 31.9 25.6 38.4



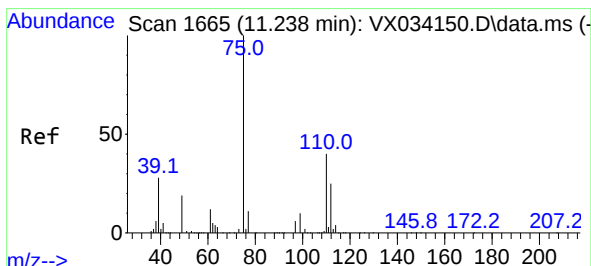
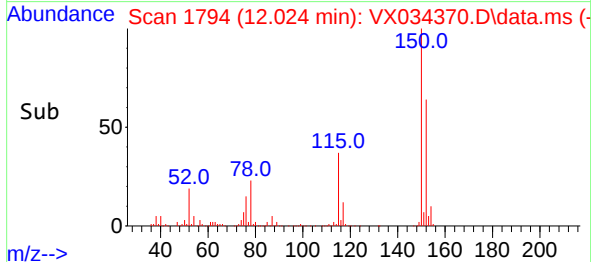
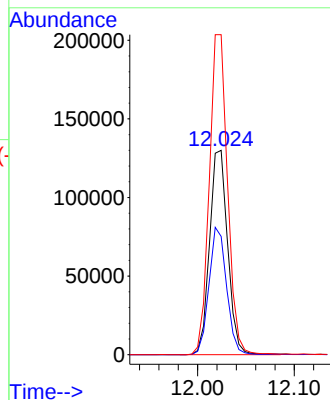


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

Instrument :
MSVOA_X
ClientSampleId :
IBLK

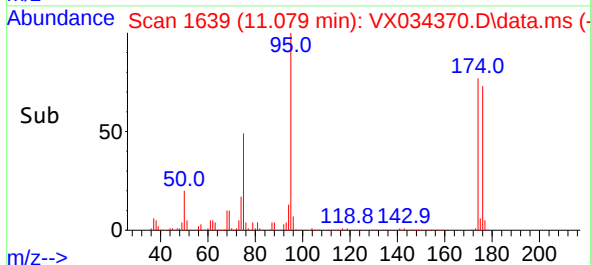
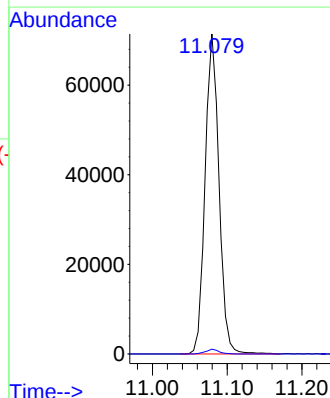
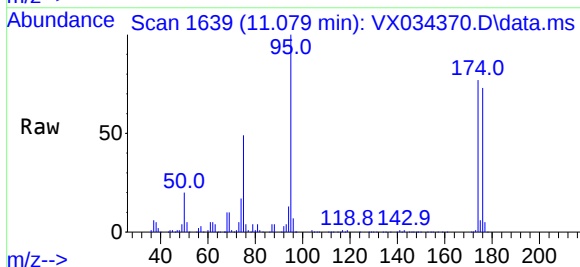


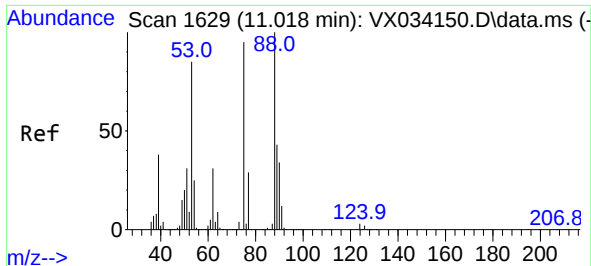
Tgt Ion:152 Resp: 168740
Ion Ratio Lower Upper
152 100
115 60.6 38.7 116.1
150 158.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 21.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034370.D
Acq: 07 Mar 2023 14:56

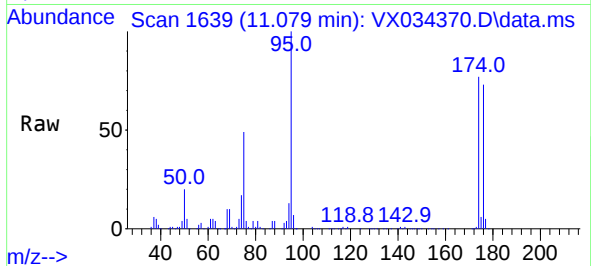
Tgt Ion: 75 Resp: 92006
Ion Ratio Lower Upper
75 100
77 1.4 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.666 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX034370.D
 Acq: 07 Mar 2023 14:56

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 92006
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

