

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035108.D
 Acq On : 17 Apr 2023 14:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 18 05:53:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

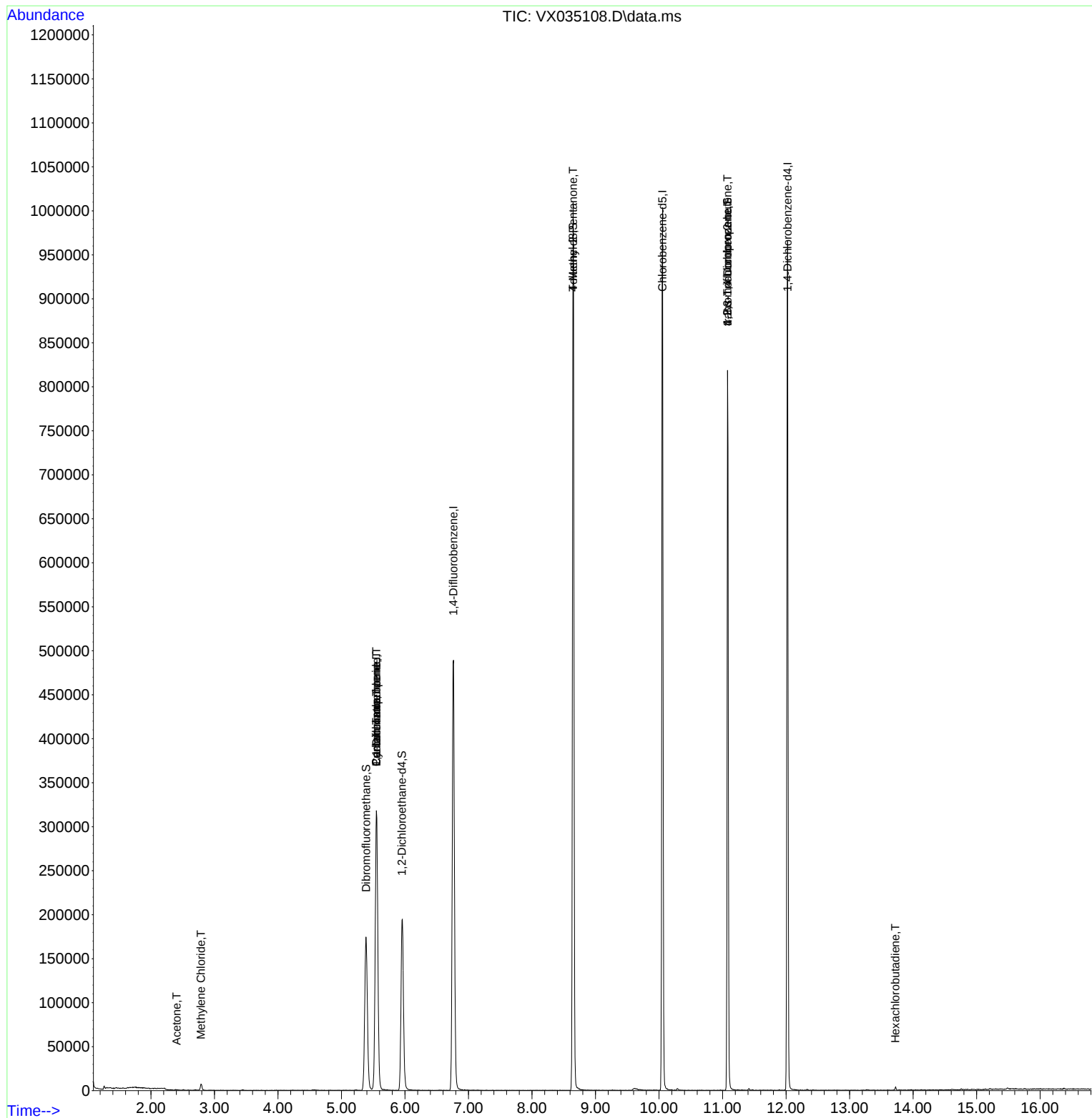
Internal Standards						
1) Pentafluorobenzene	5.550	168	306457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	509596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191649	40.891	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.780%
35) Dibromofluoromethane	5.385	113	154643	45.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	601337	48.335	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.680%
62) 4-Bromofluorobenzene	11.079	95	226198	46.984	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.960%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	956	0.502	ug/l	97
20) Methylene Chloride	2.788	84	3487	0.928	ug/l #	90
31) Cyclohexane	5.550	56	6654	1.166	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23859	4.778	ug/l #	51
38) Carbon Tetrachloride	5.550	117	31247	6.637	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2727	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	111752	26.964	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	111752	80.808	ug/l #	8
94) Hexachlorobutadiene	13.719	225	608	0.359	ug/l	97

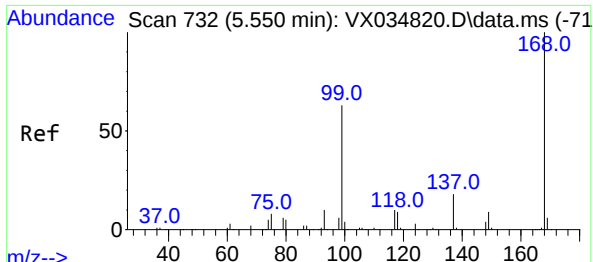
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
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Quant Time: Apr 18 05:53:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

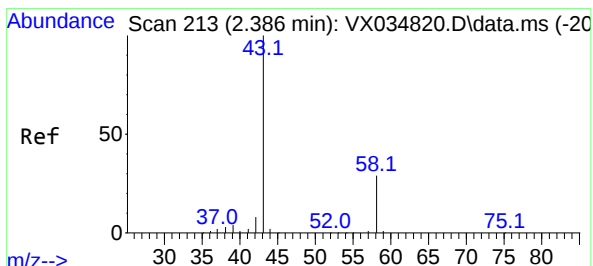
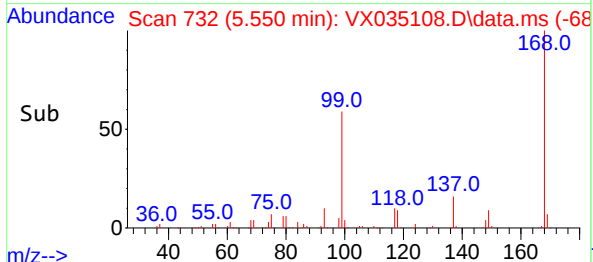
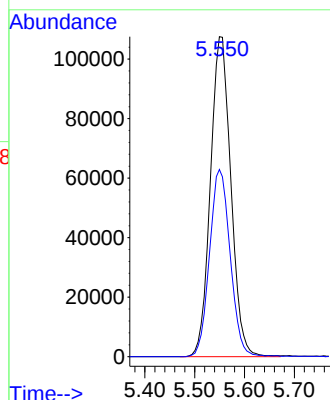
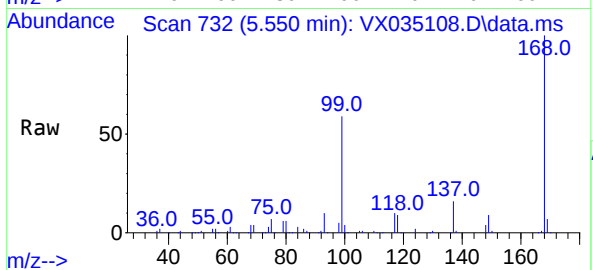




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

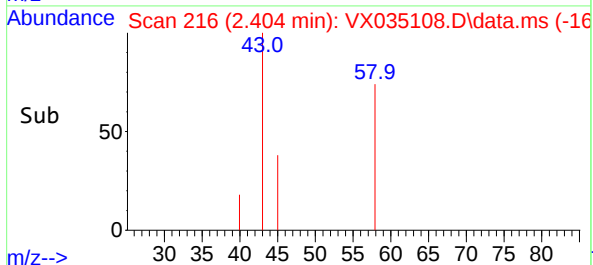
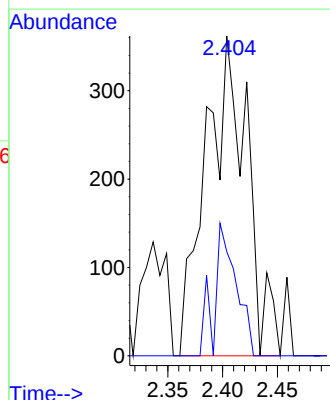
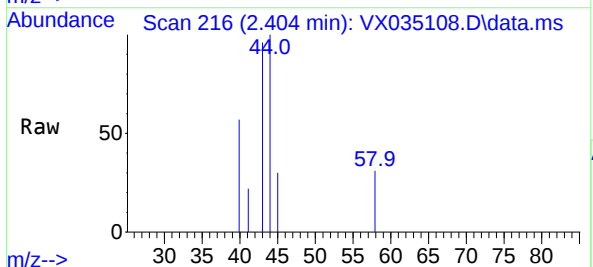
Instrument :
MSVOA_X
ClientSampleId :
IBLK

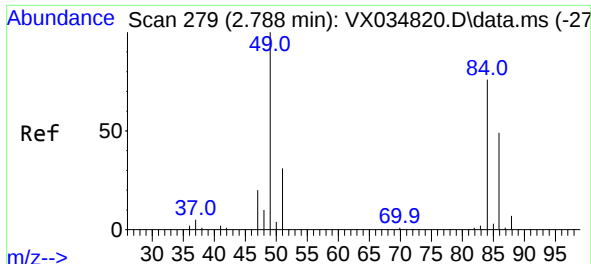
Tgt Ion:168 Resp: 306457
Ion Ratio Lower Upper
168 100
99 58.5 45.7 68.5



#16
Acetone
Concen: 0.502 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

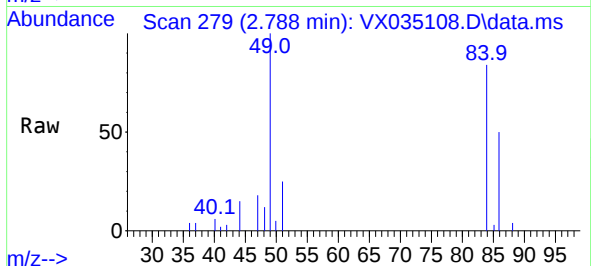
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 32.6 24.7 37.1





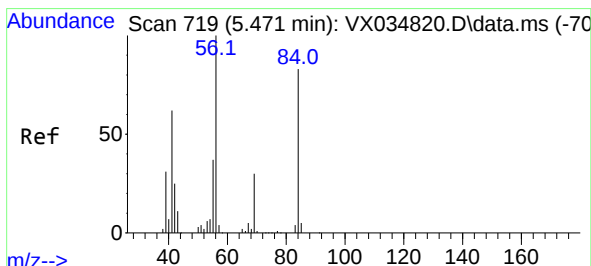
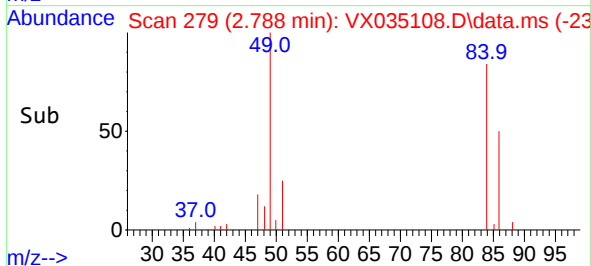
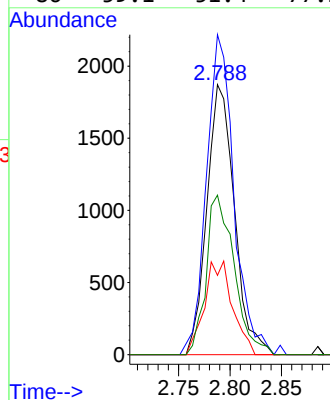
#20
Methylene Chloride
Concen: 0.928 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 3487

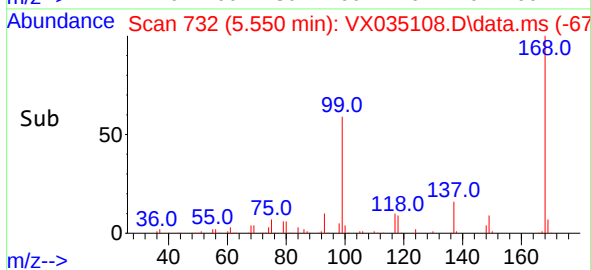
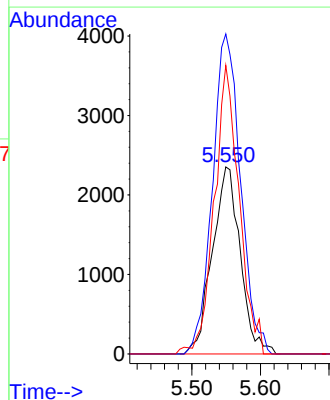
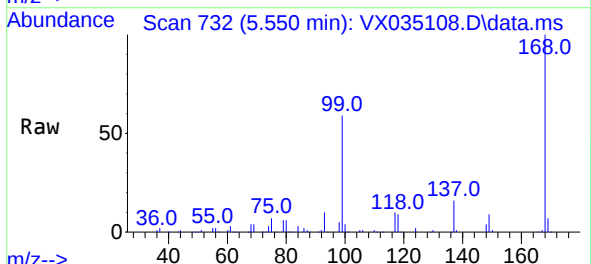
Ion	Ratio	Lower	Upper
84	100		
49	118.5	103.8	155.8
51	29.4	31.8	47.8#
86	59.1	51.4	77.2

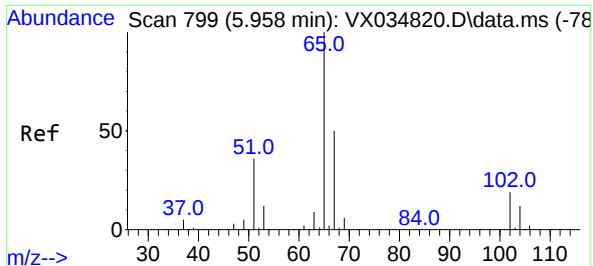


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

Tgt Ion: 56 Resp: 6654

Ion	Ratio	Lower	Upper
56	100		
69	171.1	23.7	35.5#
84	154.2	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 40.891 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035108.D

Acq: 17 Apr 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

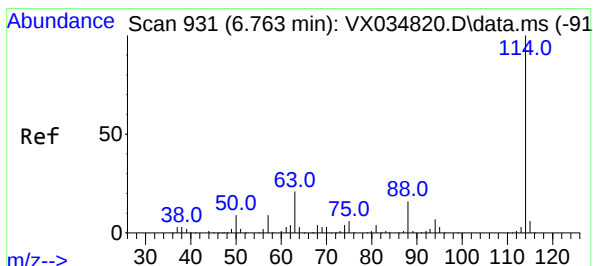
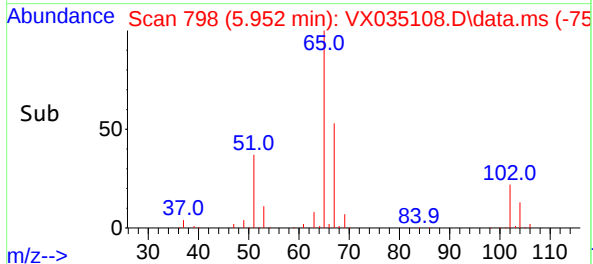
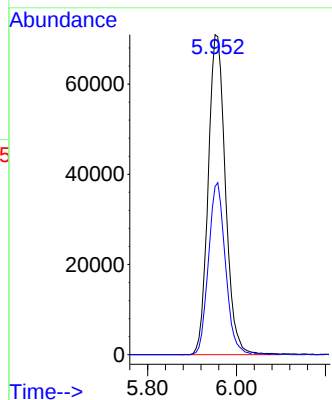
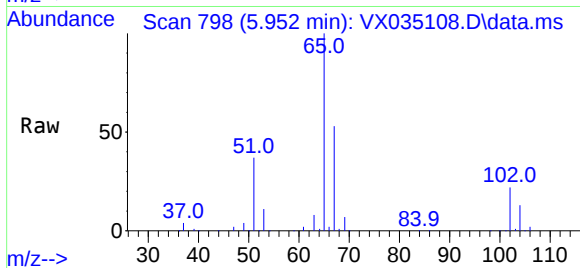
IBLK

Tgt Ion: 65 Resp: 191649

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035108.D

Acq: 17 Apr 2023 14:52

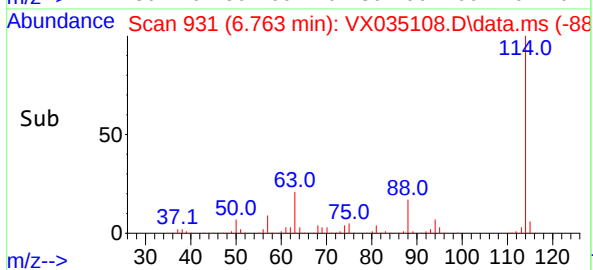
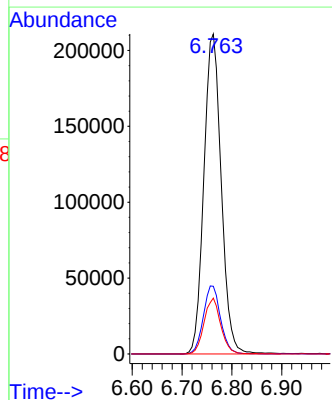
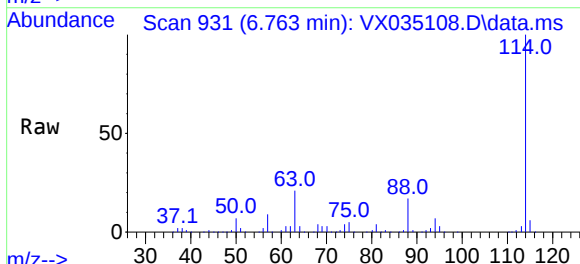
Tgt Ion: 114 Resp: 509596

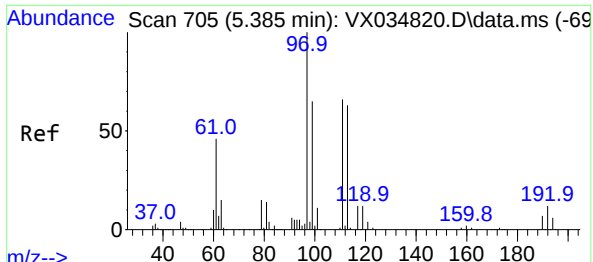
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

88 17.5 0.0 33.2

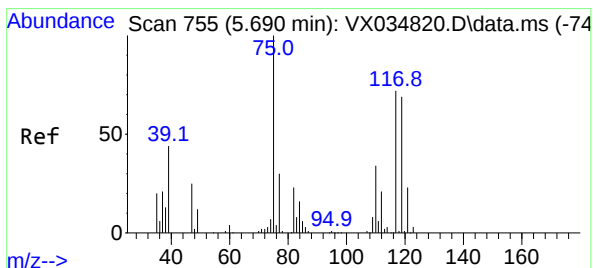
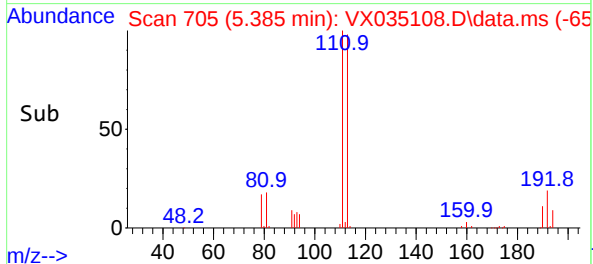
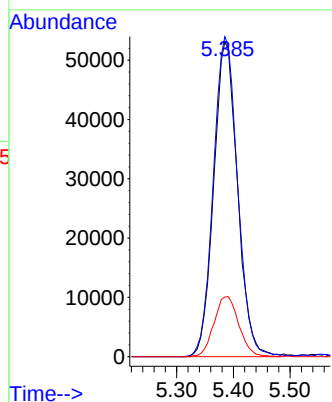
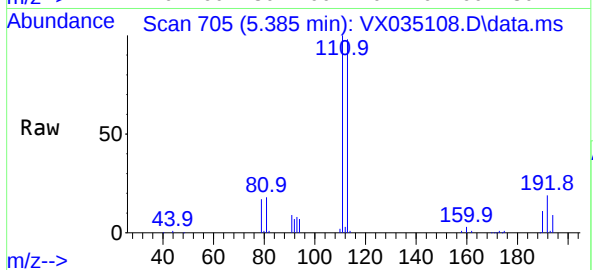




#35
Dibromofluoromethane
Concen: 45.880 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

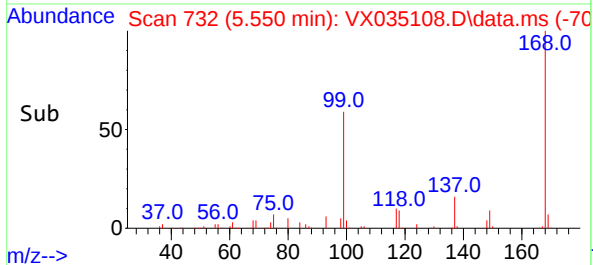
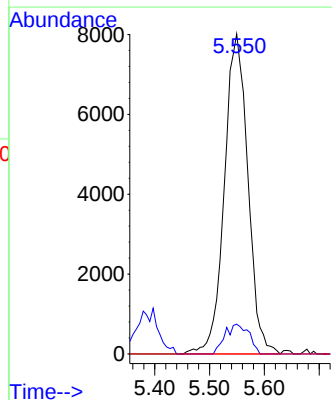
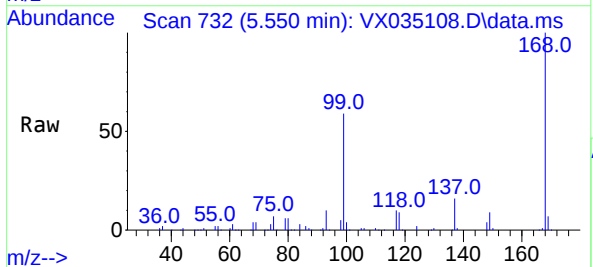
Instrument :
MSVOA_X
ClientSampleId :
IBLK

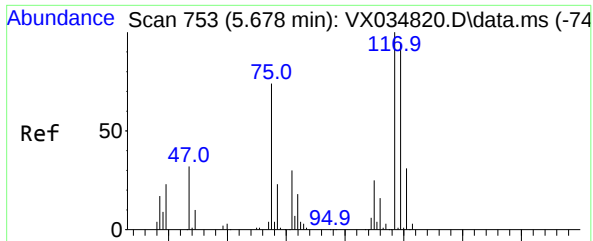
Tgt Ion:113 Resp: 154643
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 19.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

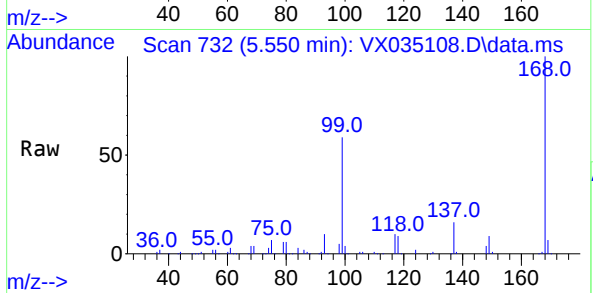
Tgt Ion: 75 Resp: 23859
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



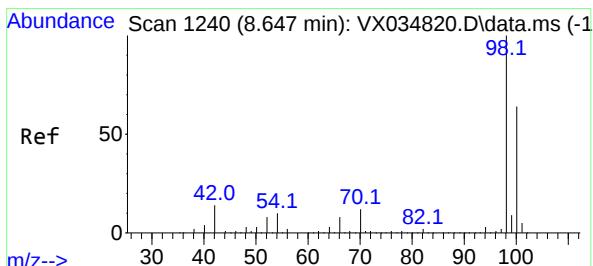
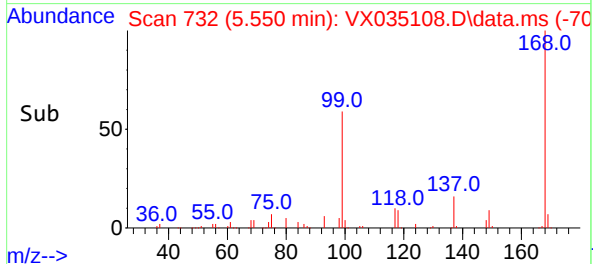
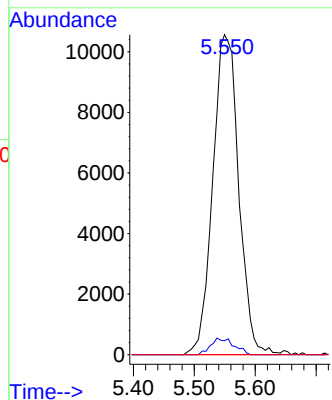


#38
Carbon Tetrachloride
Concen: 6.637 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

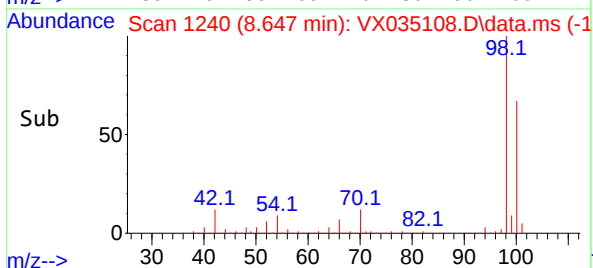
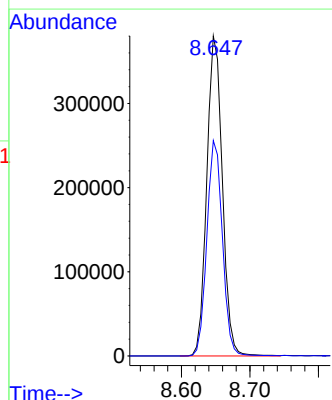
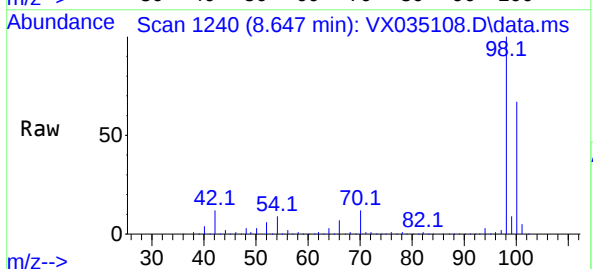


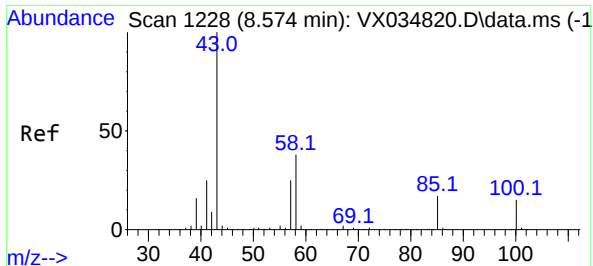
Tgt Ion:117 Resp: 31247
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.335 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

Tgt Ion: 98 Resp: 601337
Ion Ratio Lower Upper
98 100
100 67.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.527 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035108.D

Acq: 17 Apr 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

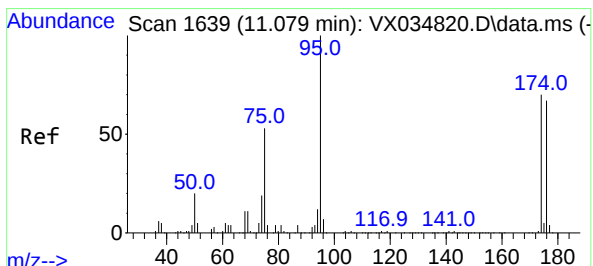
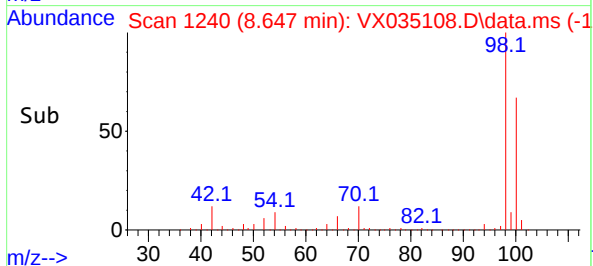
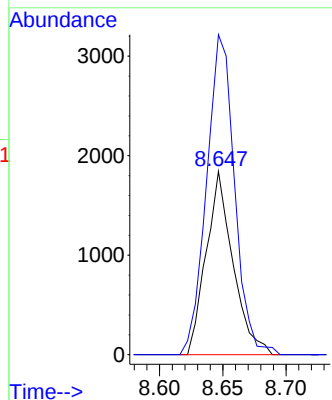
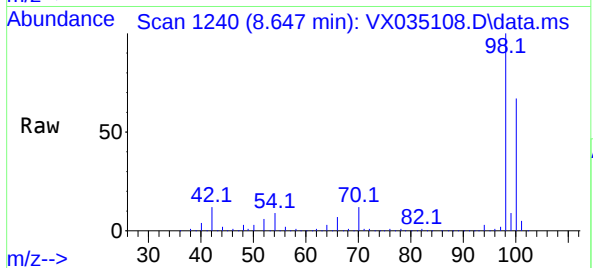
IBLK

Tgt Ion: 43 Resp: 2727

Ion Ratio Lower Upper

43 100

58 181.8 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 46.984 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035108.D

Acq: 17 Apr 2023 14:52

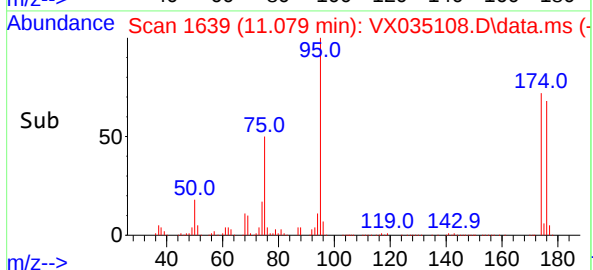
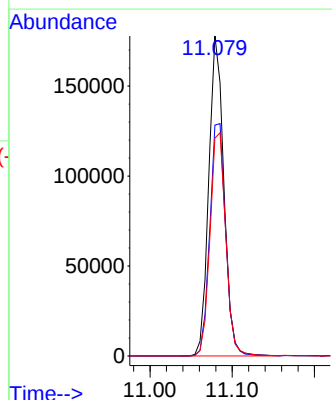
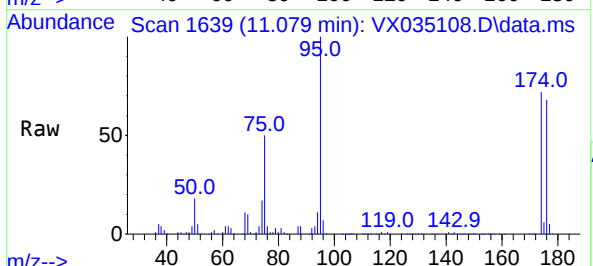
Tgt Ion: 95 Resp: 226198

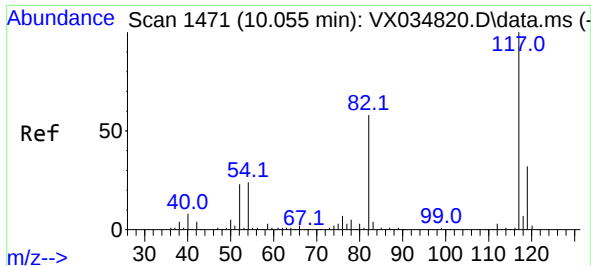
Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.4

176 72.8 0.0 140.6

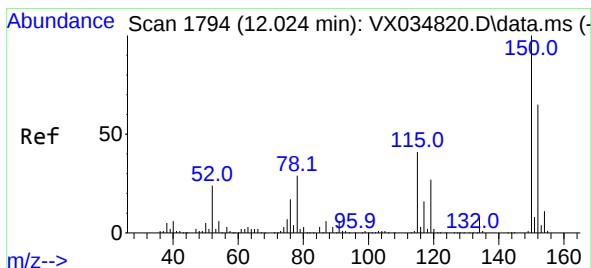
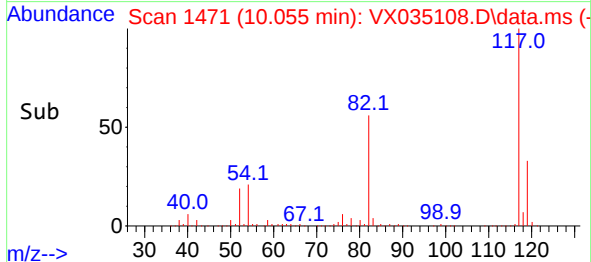
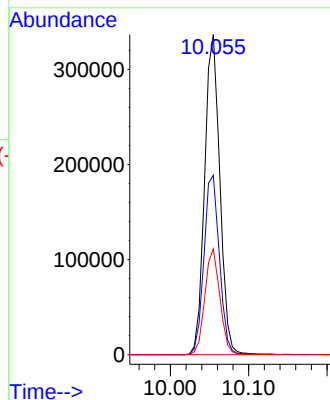
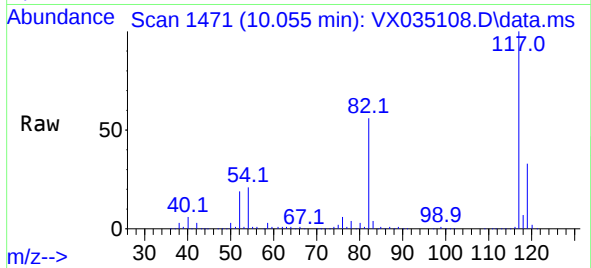




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

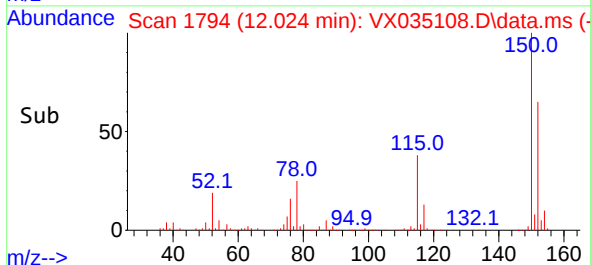
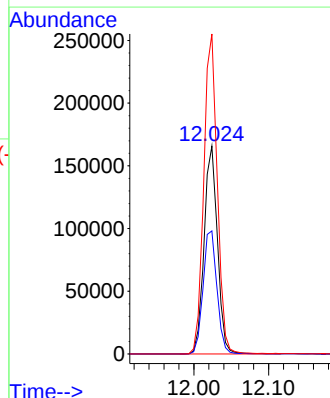
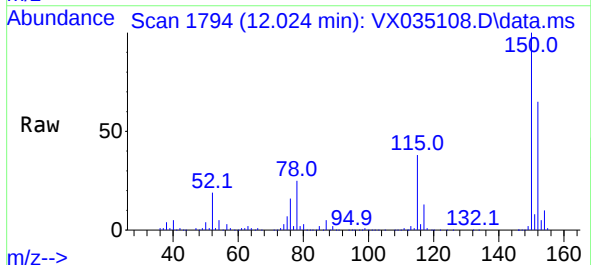
Instrument :
MSVOA_X
ClientSampleId :
IBLK

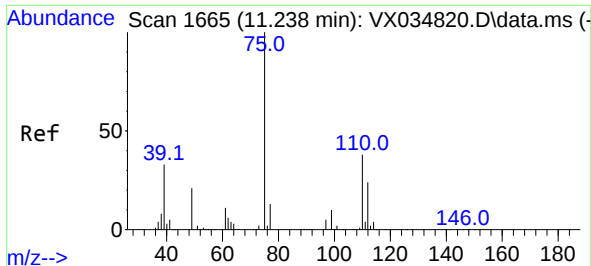
Tgt Ion:117 Resp: 454557
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

Tgt Ion:152 Resp: 205692
Ion Ratio Lower Upper
152 100
115 61.5 45.0 135.0
150 155.7 0.0 352.4

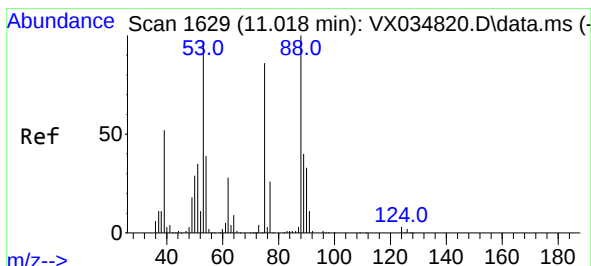
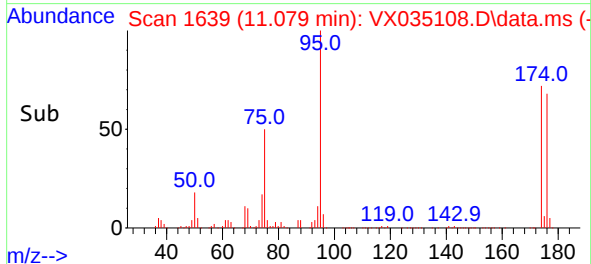
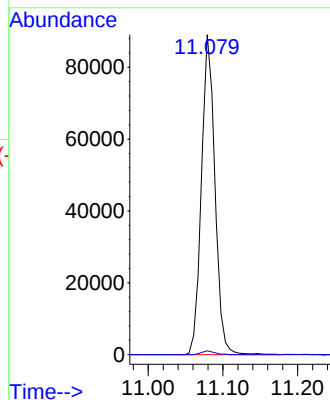
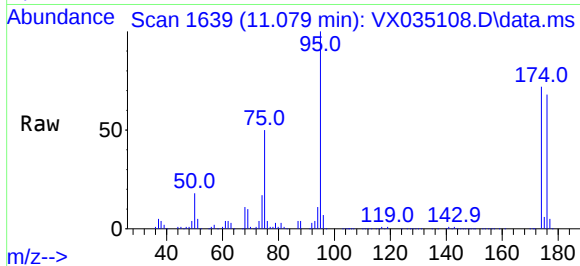




#76
1,2,3-Trichloropropane
Concen: 26.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

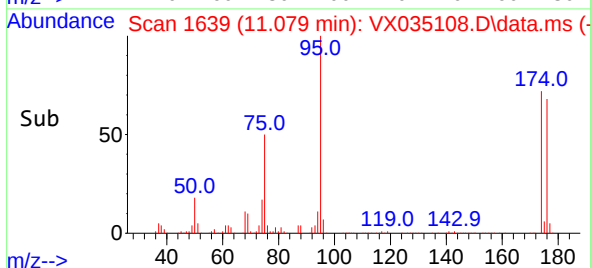
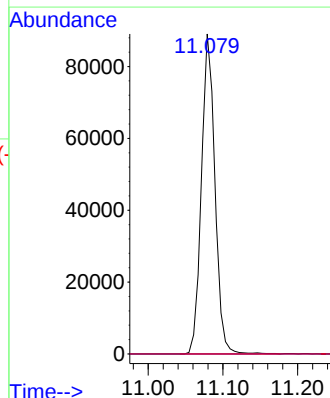
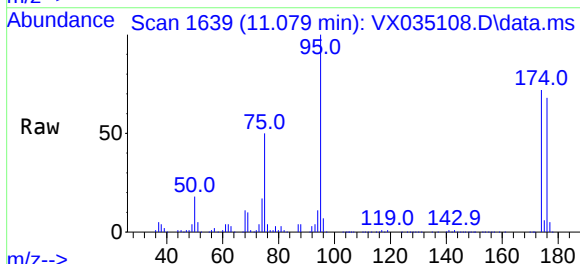
Instrument :
MSVOA_X
ClientSampleId :
IBLK

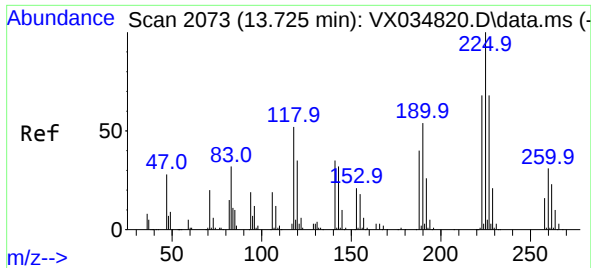
Tgt Ion: 75 Resp: 111752
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035108.D
Acq: 17 Apr 2023 14:52

Tgt Ion: 75 Resp: 111752
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94

Hexachlorobutadiene

Concen: 0.359 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX035108.D

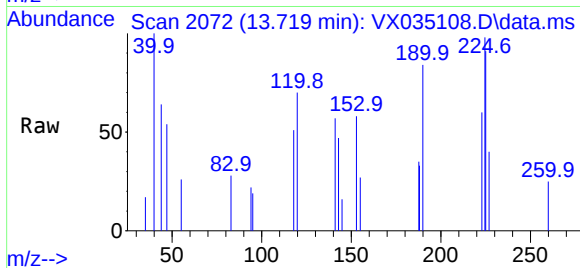
Acq: 17 Apr 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:225 Resp: 608

Ion Ratio Lower Upper

225 100

223 62.3 32.1 96.5

227 60.7 31.8 95.4

