

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
 Data File : VX035104.D
 Acq On : 17 Apr 2023 13:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 18 05:52:34 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	299812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	506694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205073	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	187677	40.931	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.860%
35) Dibromofluoromethane	5.385	113	153293	45.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.480%
50) Toluene-d8	8.647	98	596128	48.191	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.380%
62) 4-Bromofluorobenzene	11.079	95	224479	46.894	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.780%

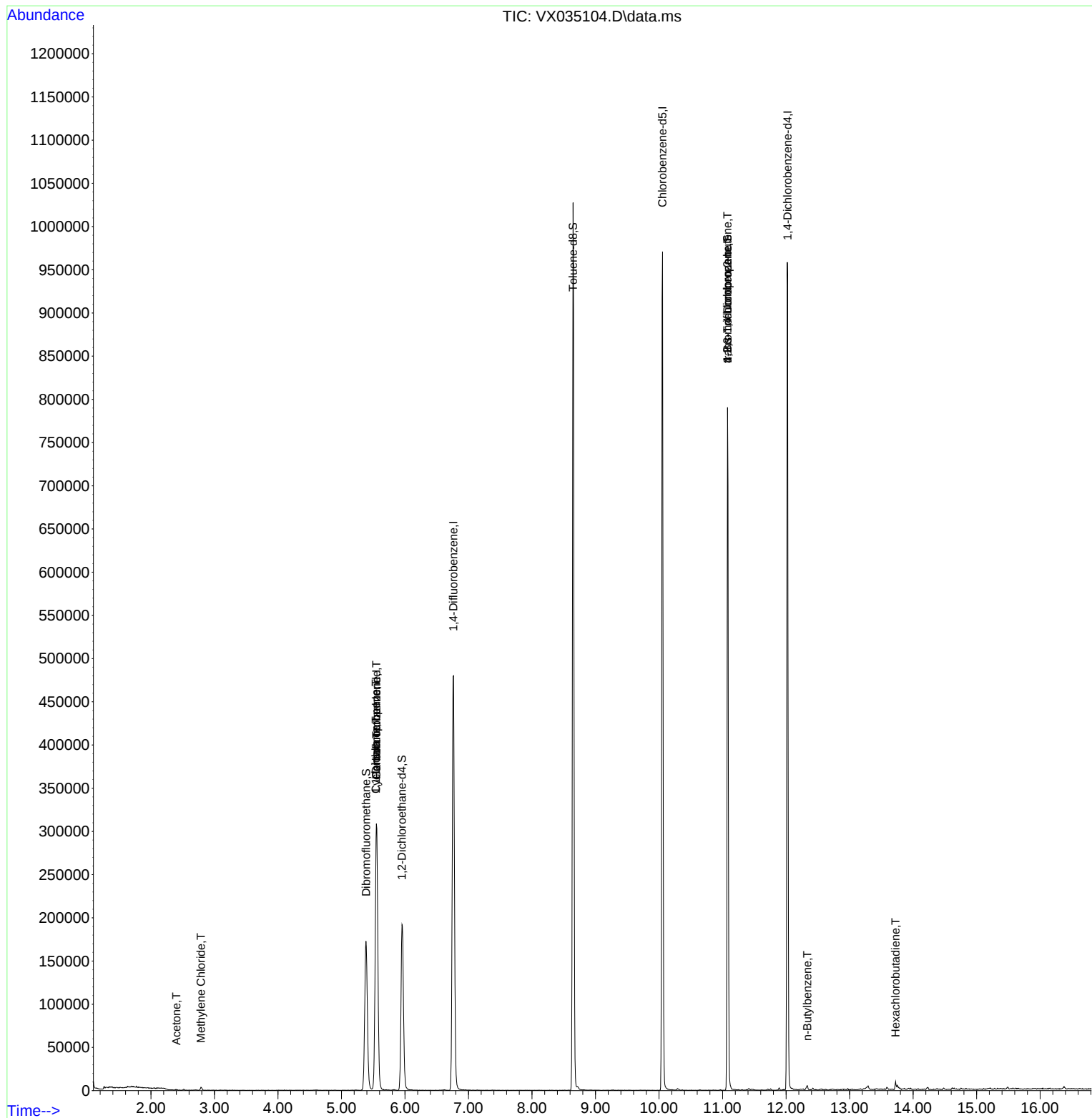
Target Compounds					Qvalue	
16) Acetone	2.398	43	729	0.391	ug/l #	85
20) Methylene Chloride	2.788	84	1446	0.393	ug/l #	81
31) Cyclohexane	5.544	56	6416	1.149	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	23272	4.687	ug/l #	50
38) Carbon Tetrachloride	5.550	117	30444	6.504	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	113274	27.413	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	113274	82.156	ug/l #	8
89) n-Butylbenzene	12.335	91	2185	0.209	ug/l	85
94) Hexachlorobutadiene	13.725	225	1163	0.689	ug/l	92

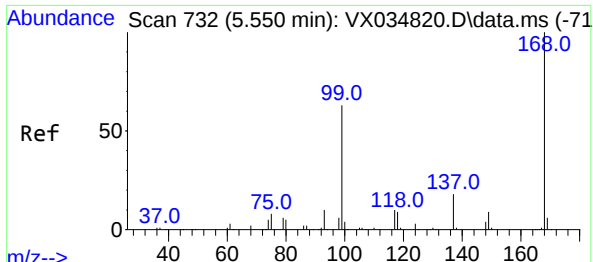
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041723\
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Quant Time: Apr 18 05:52:34 2023
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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

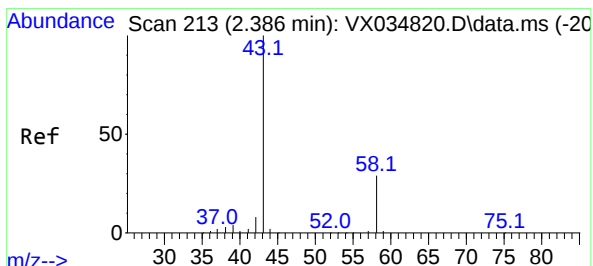
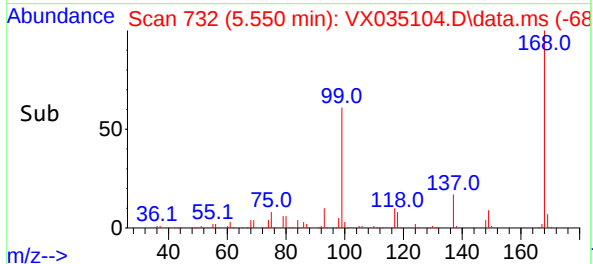
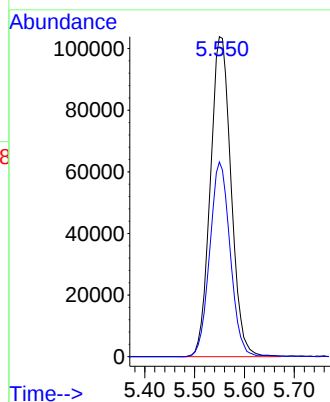
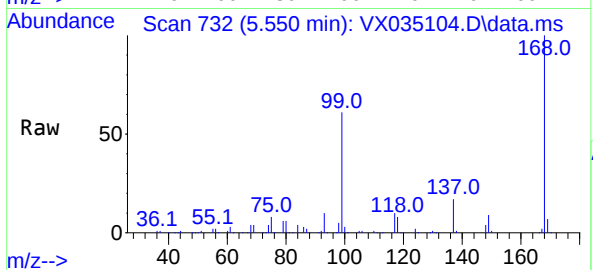




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

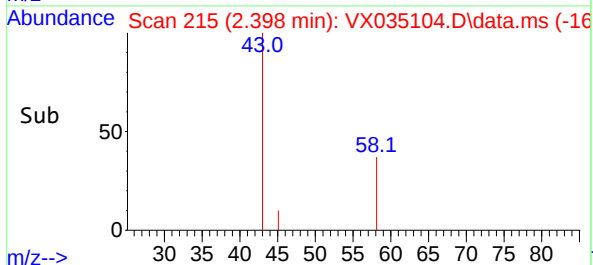
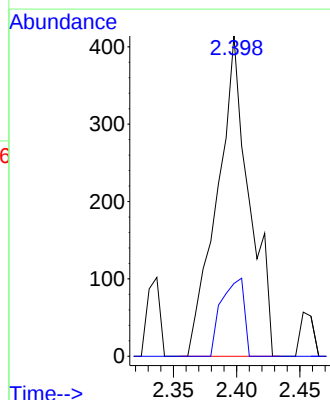
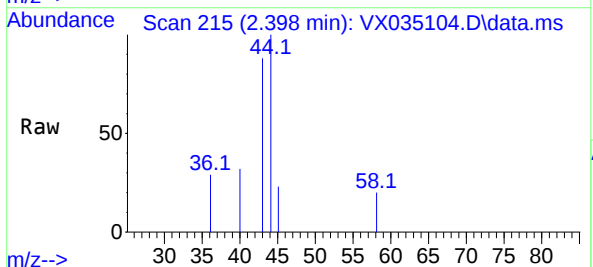
Instrument :
MSVOA_X
ClientSampleId :
IBLK

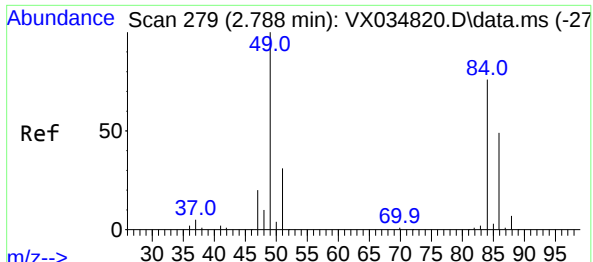
Tgt Ion:168 Resp: 299812
Ion Ratio Lower Upper
168 100
99 60.8 45.7 68.5



#16
Acetone
Concen: 0.391 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 22.7 24.7 37.1#



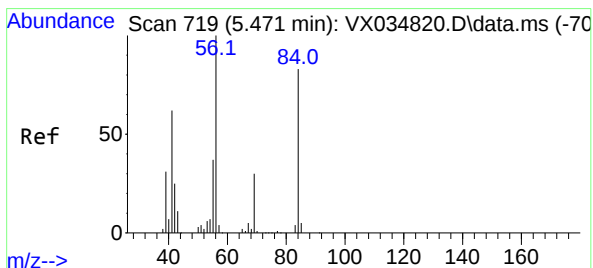
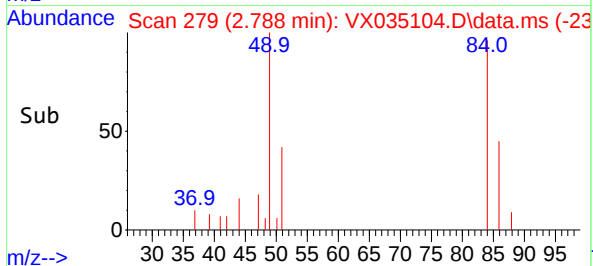
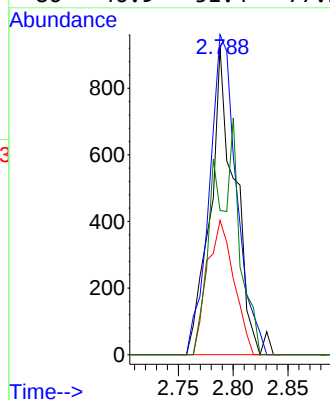
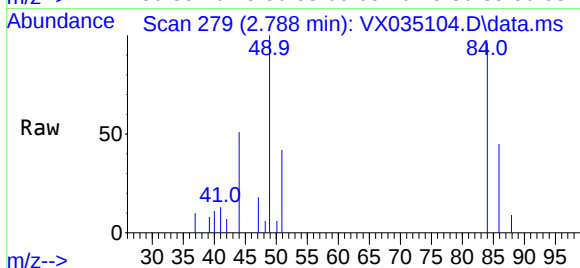


#20
Methylene Chloride
Concen: 0.393 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1446

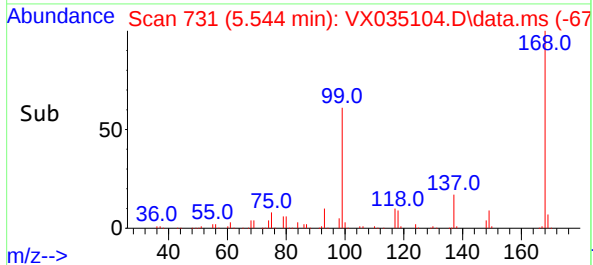
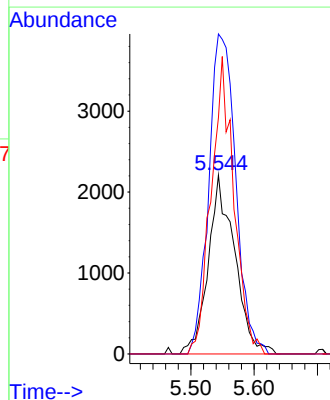
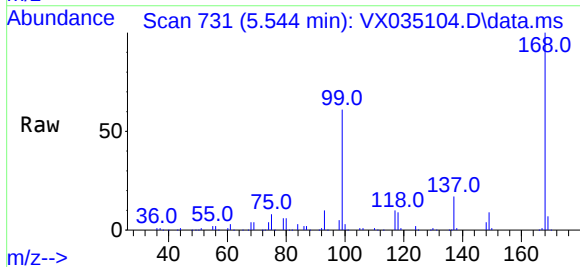
Ion	Ratio	Lower	Upper
84	100		
49	104.1	103.8	155.8
51	43.7	31.8	47.8
86	46.9	51.4	77.2#

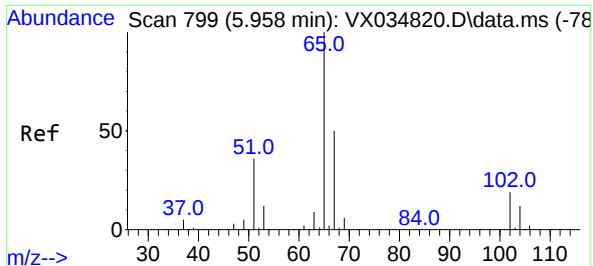


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

Tgt Ion: 56 Resp: 6416

Ion	Ratio	Lower	Upper
56	100		
69	178.8	23.7	35.5#
84	132.1	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 40.931 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035104.D

Acq: 17 Apr 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

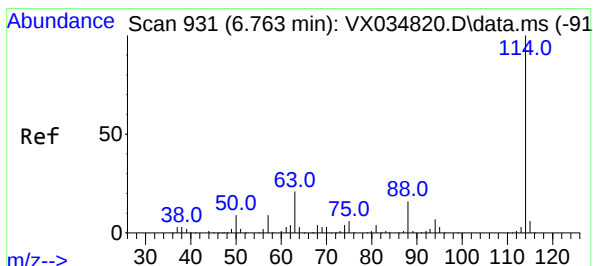
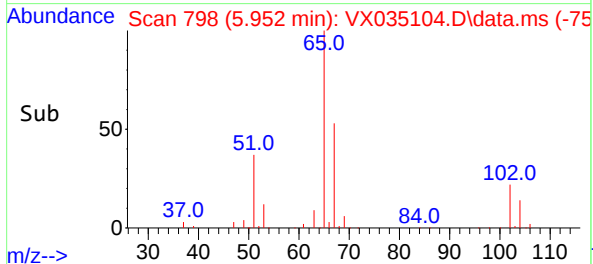
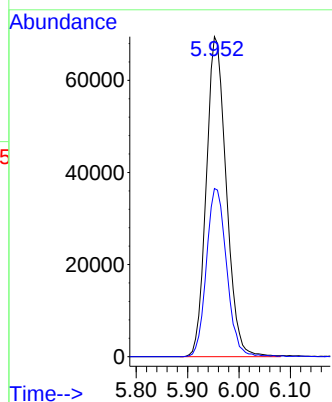
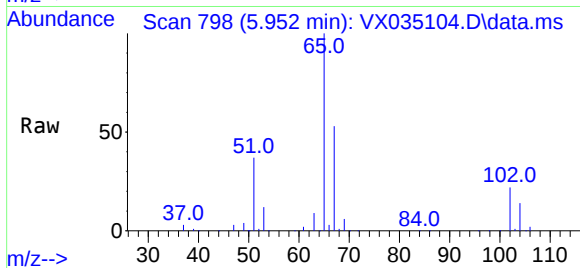
IBLK

Tgt Ion: 65 Resp: 187677

Ion Ratio Lower Upper

65 100

67 53.3 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: VX035104.D

Acq: 17 Apr 2023 13:15

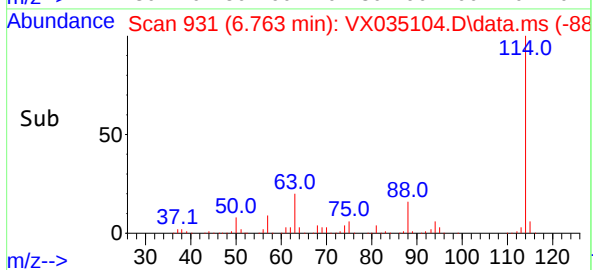
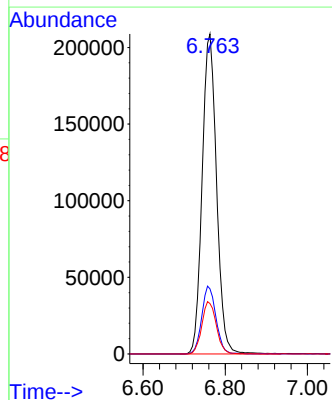
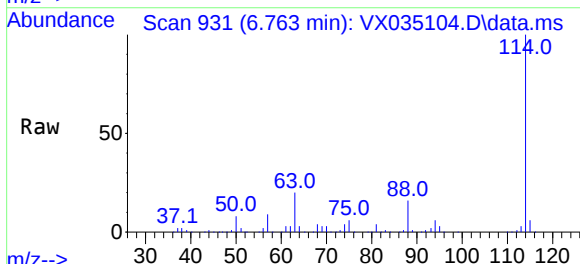
Tgt Ion: 114 Resp: 506694

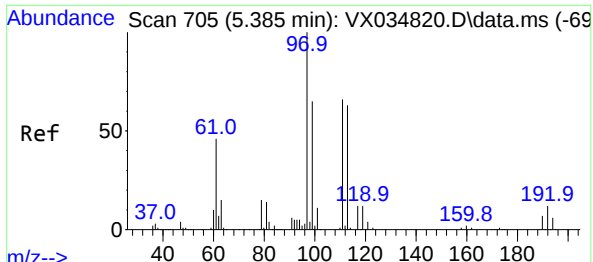
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

88 15.7 0.0 33.2

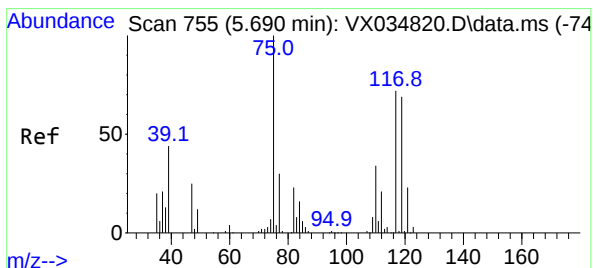
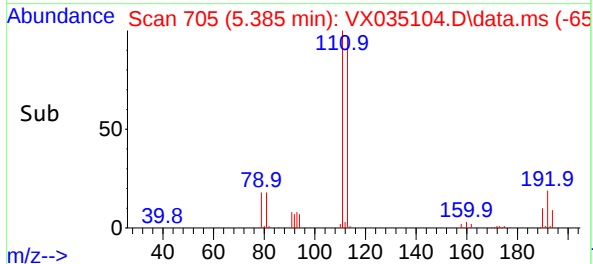
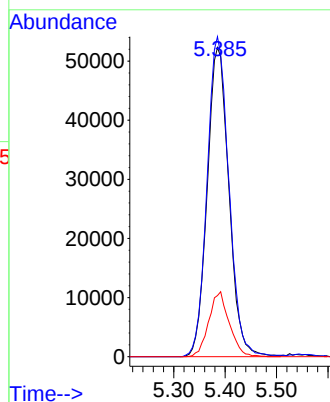
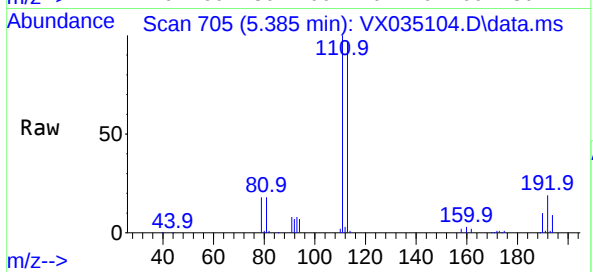




#35
Dibromofluoromethane
Concen: 45.740 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

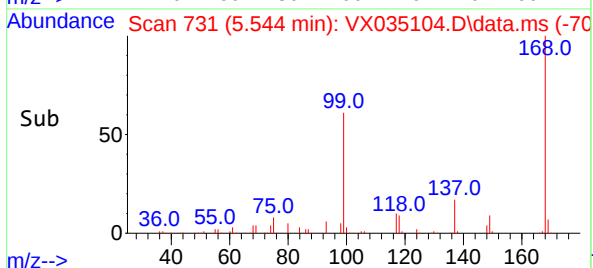
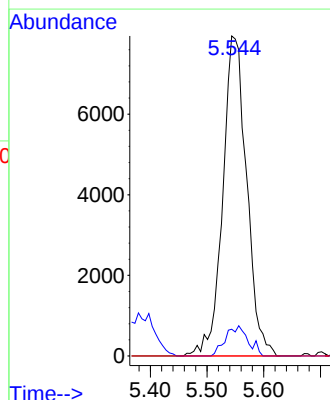
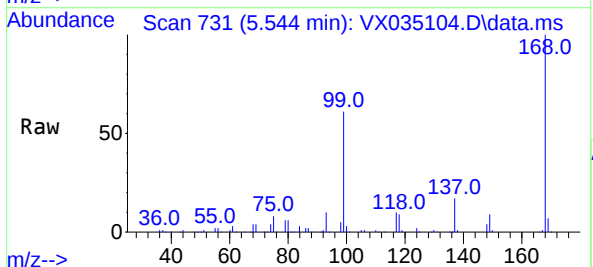
Instrument :
MSVOA_X
ClientSampleId :
IBLK

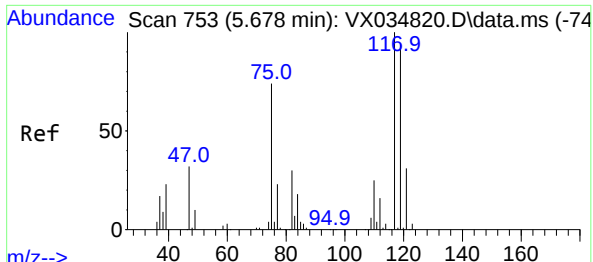
Tgt Ion:113 Resp: 153293
Ion Ratio Lower Upper
113 100
111 104.2 83.7 125.5
192 19.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.687 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

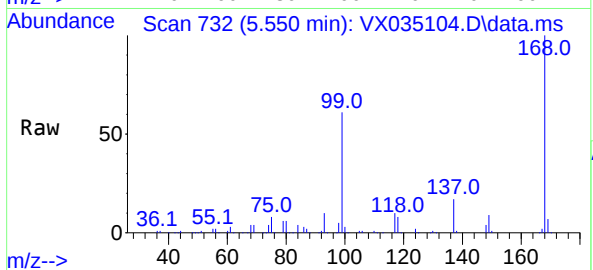
Tgt Ion: 75 Resp: 23272
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



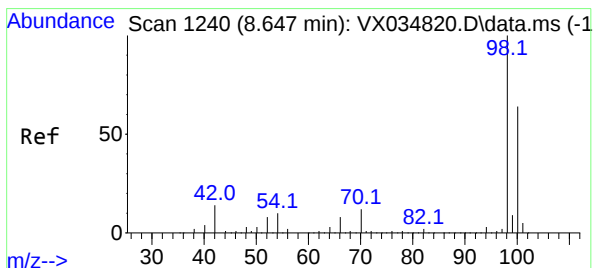
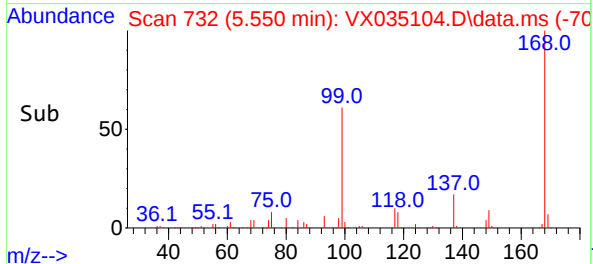
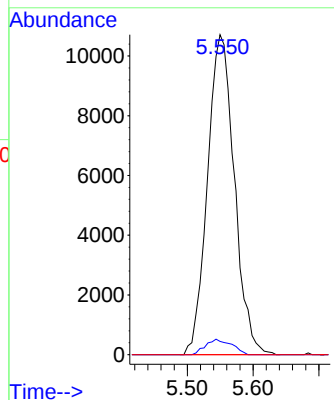


#38
Carbon Tetrachloride
Concen: 6.504 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
IBLK

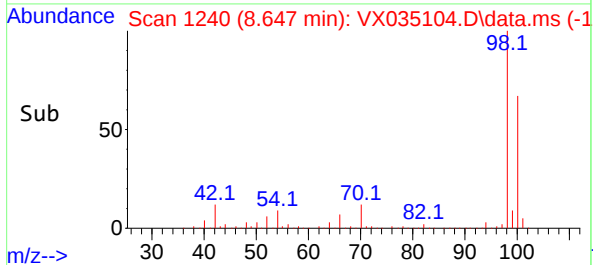
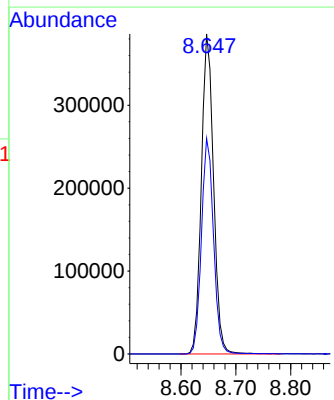
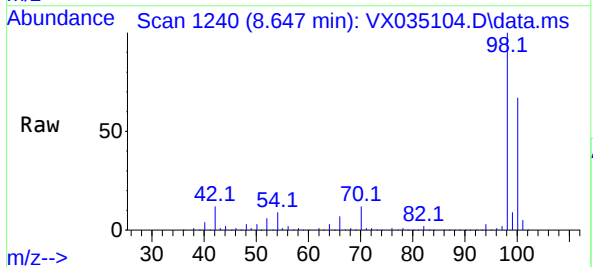


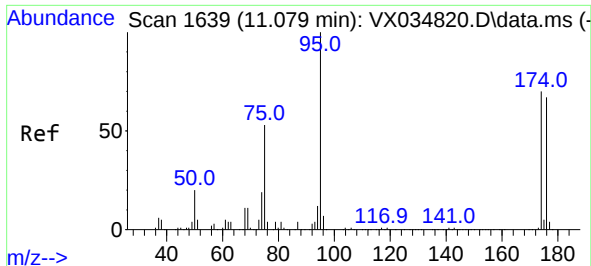
Tgt Ion:117 Resp: 30444
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.191 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

Tgt Ion: 98 Resp: 596128
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

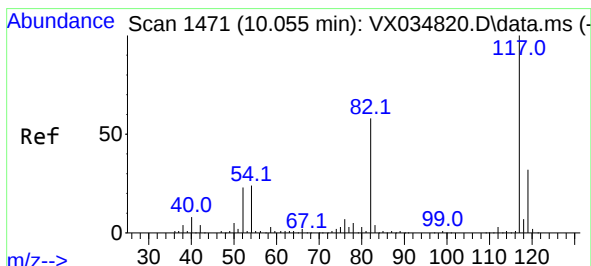
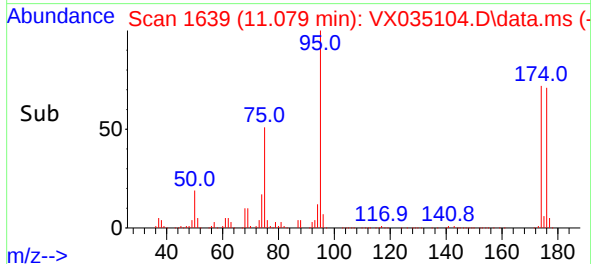
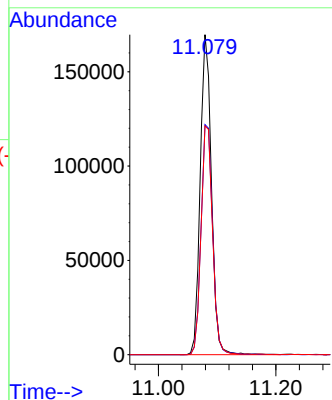
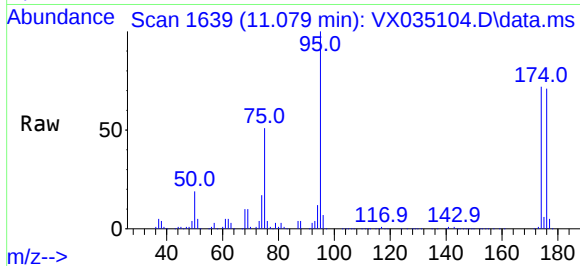




#62
4-Bromofluorobenzene
Concen: 46.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

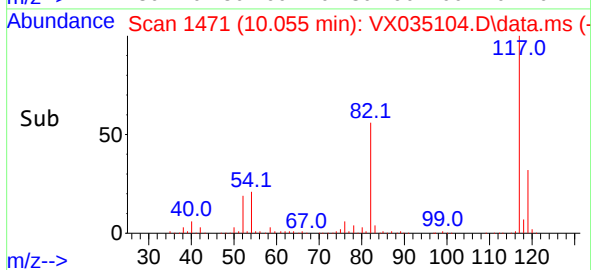
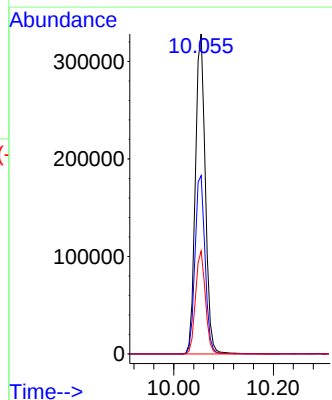
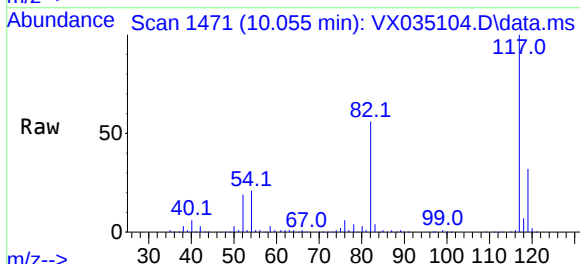
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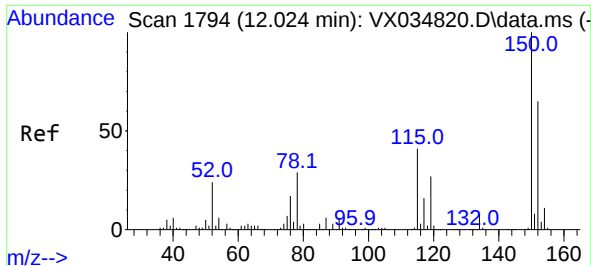
Tgt Ion: 95 Resp: 224479
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 73.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

Tgt Ion: 117 Resp: 455621
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.2 26.0 39.0

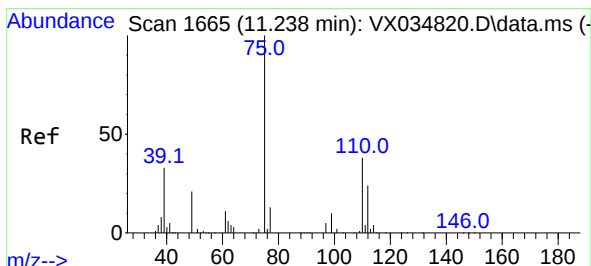
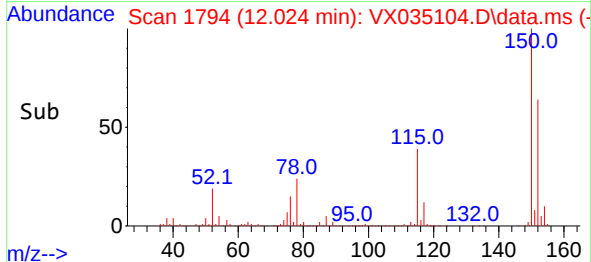
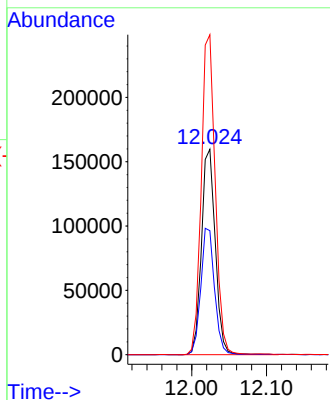
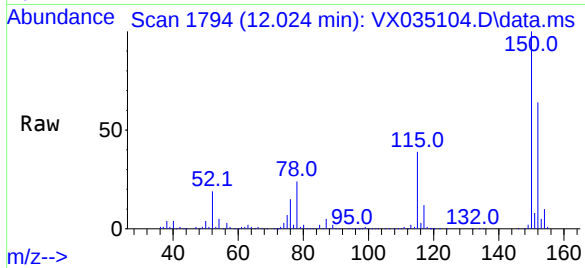




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

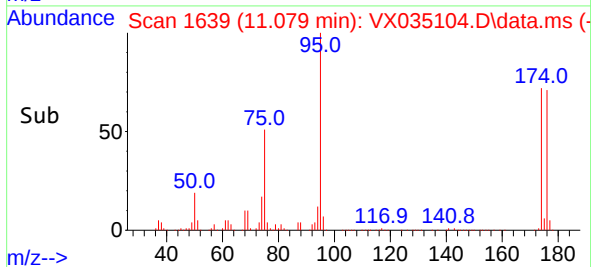
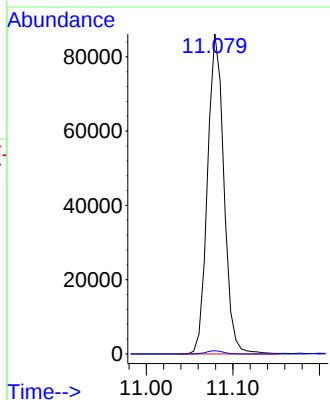
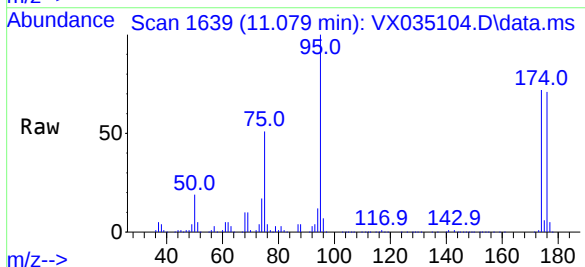
Instrument :
MSVOA_X
ClientSampleId :
IBLK

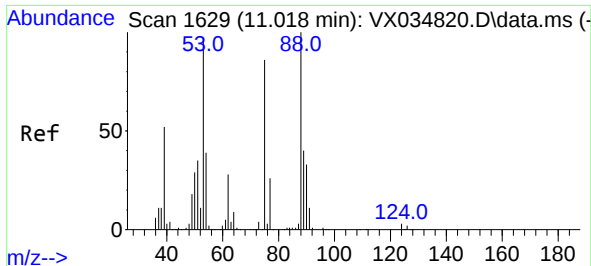
Tgt Ion:152 Resp: 205073
Ion Ratio Lower Upper
152 100
115 61.5 45.0 135.0
150 157.0 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 27.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

Tgt Ion: 75 Resp: 113274
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#

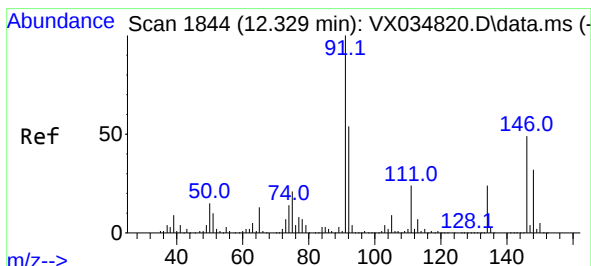
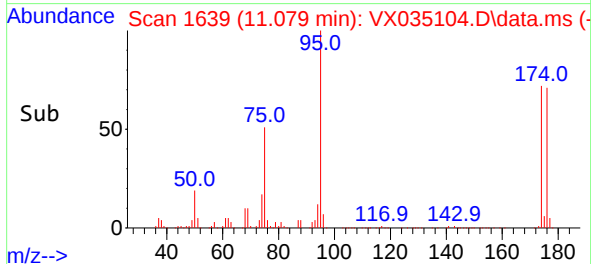
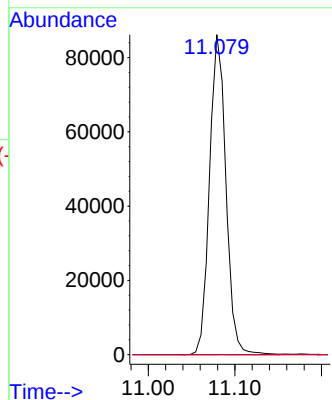
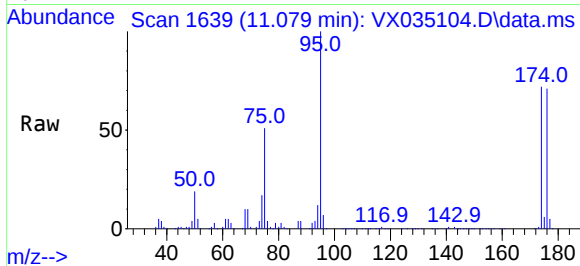




#81
trans-1,4-Dichloro-2-butene
Concen: 82.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

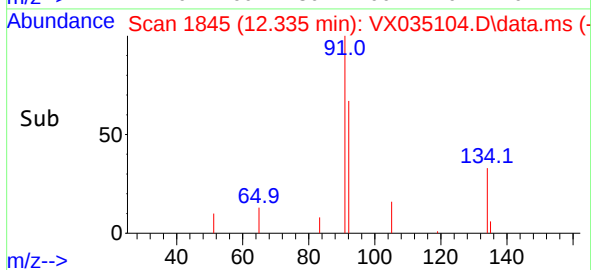
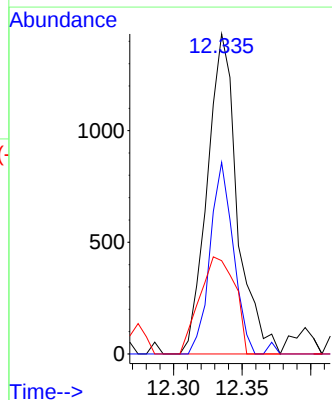
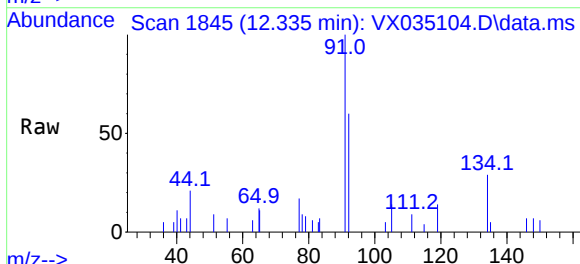
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 113274
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

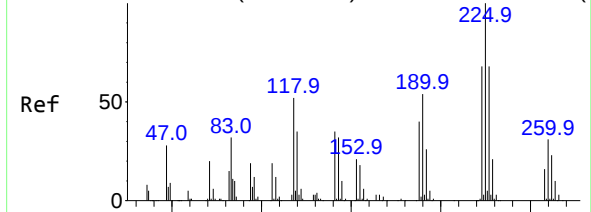


#89
n-Butylbenzene
Concen: 0.209 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

Tgt Ion: 91 Resp: 2185
Ion Ratio Lower Upper
91 100
92 46.4 27.7 83.0
134 35.7 13.0 38.9



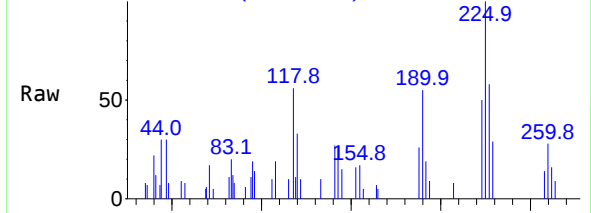
Abundance Scan 2073 (13.725 min): VX034820.D\data.ms (-



#94
Hexachlorobutadiene
Concen: 0.689 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035104.D
Acq: 17 Apr 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Abundance Scan 2073 (13.725 min): VX035104.D\data.ms (-



Tgt Ion:	225	Resp:	1163
Ion	Ratio	Lower	Upper
225	100		
223	56.2	32.1	96.5
227	59.2	31.8	95.4

Abundance Scan 2073 (13.725 min): VX035104.D\data.ms (-

