

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034975.D
 Acq On : 07 Apr 2023 17:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 08 00:58:15 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	5.556	168	269837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193299	46.840	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.680%
35) Dibromofluoromethane	5.379	113	142136	47.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.647	98	542509	48.997	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.079	95	213726	49.882	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.760%

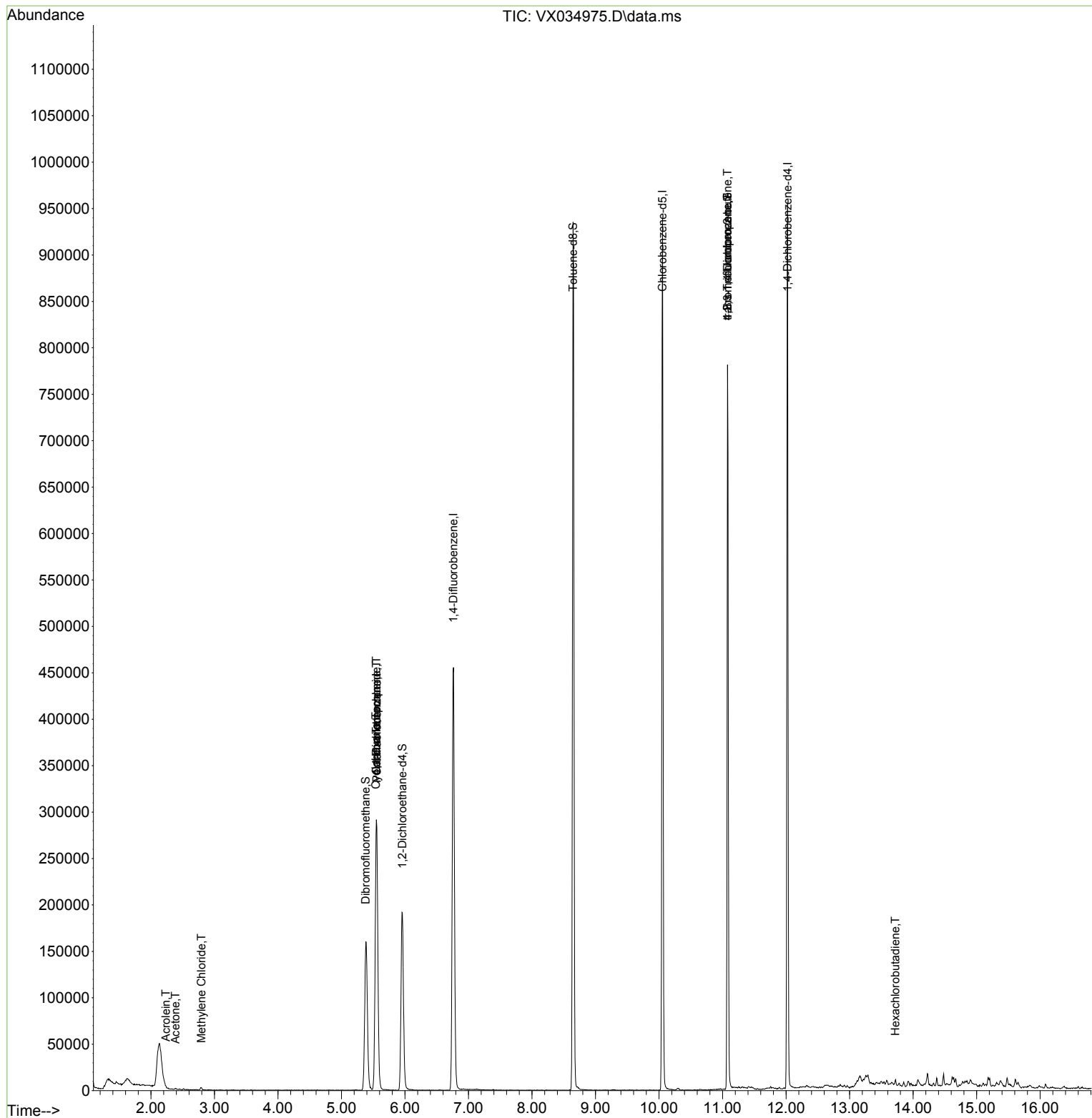
Target Compounds					Qvalue	
13) Acrolein	2.233	56	176	0.236	ug/l #	14
16) Acetone	2.386	43	1638	0.977	ug/l #	85
20) Methylene Chloride	2.794	84	1317	0.398	ug/l #	77
31) Cyclohexane	5.544	56	6335	1.261	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	23152	5.210	ug/l #	50
38) Carbon Tetrachloride	5.550	117	28799	6.873	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	112217	29.105	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	112217	87.226	ug/l #	8
94) Hexachlorobutadiene	13.719	225	756	0.480	ug/l	98

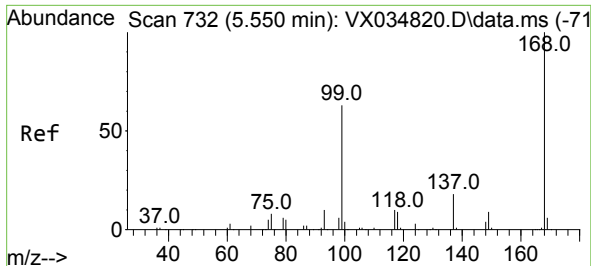
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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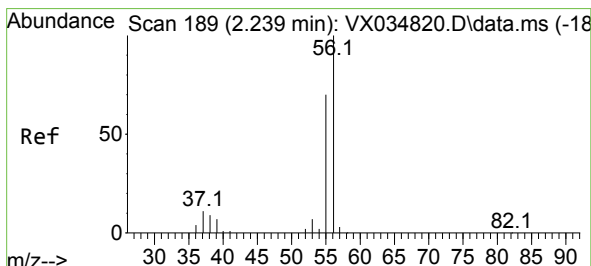
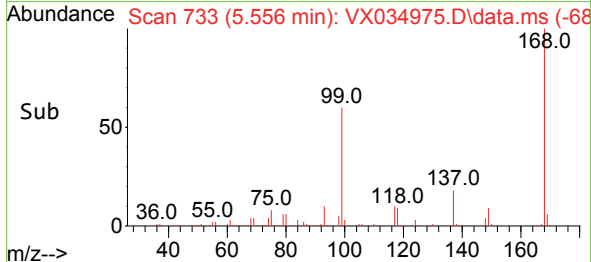
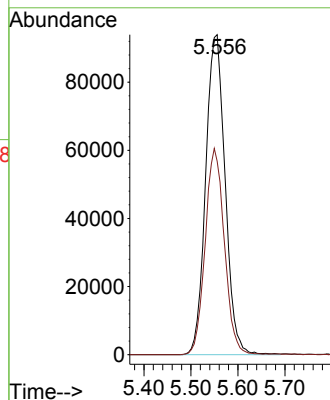
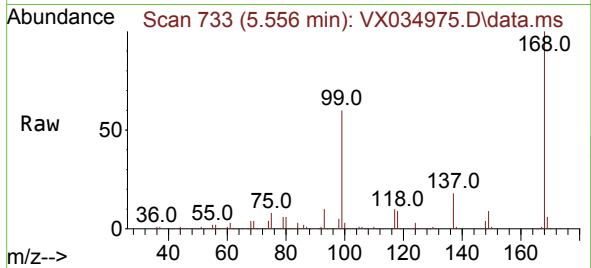




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

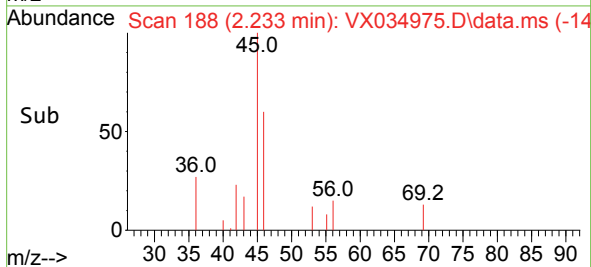
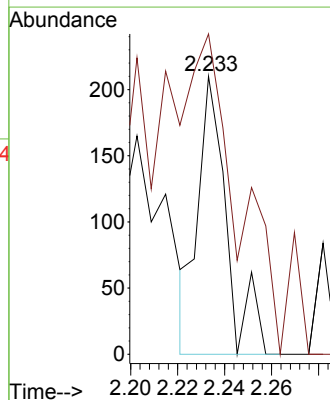
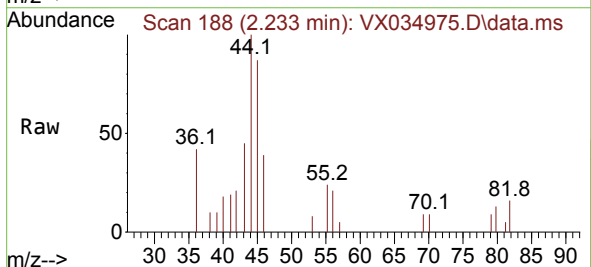
Instrument :
MSVOA_X
ClientSampleId :
IBLK

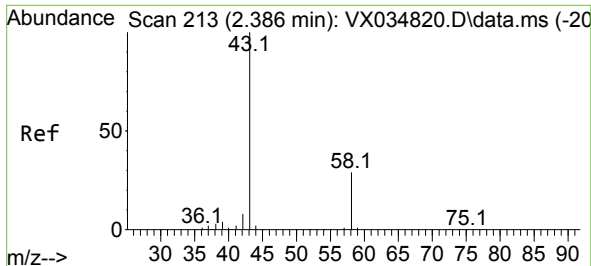
Tgt Ion:168 Resp: 269837
Ion Ratio Lower Upper
168 100
99 60.5 45.7 68.5



#13
Acrolein
Concen: 0.236 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

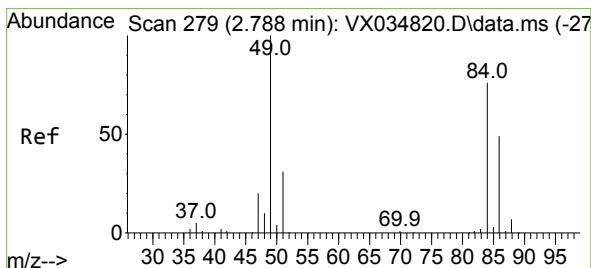
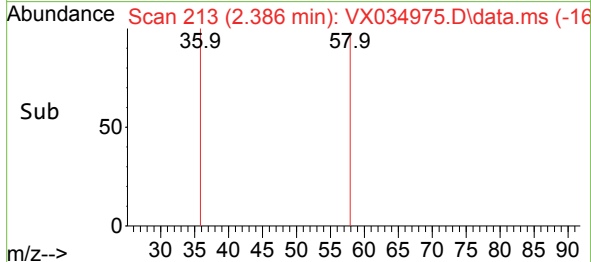
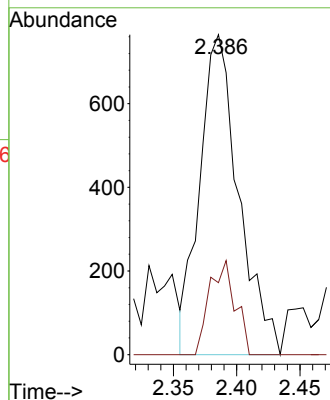
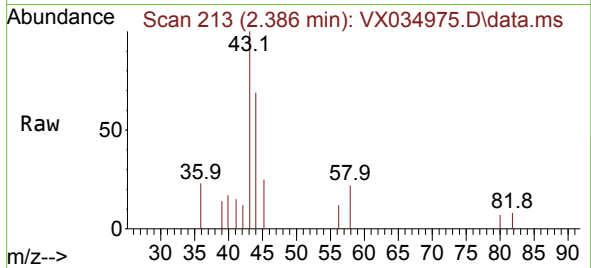




#16
Acetone
Concen: 0.977 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

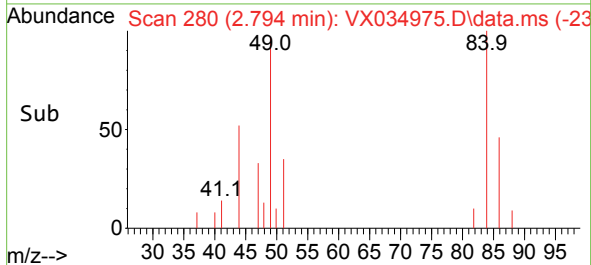
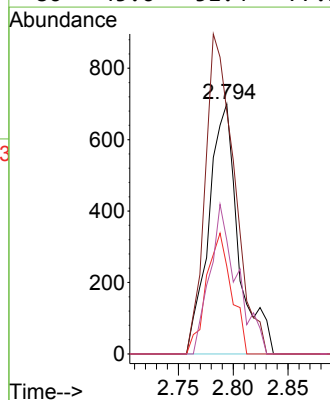
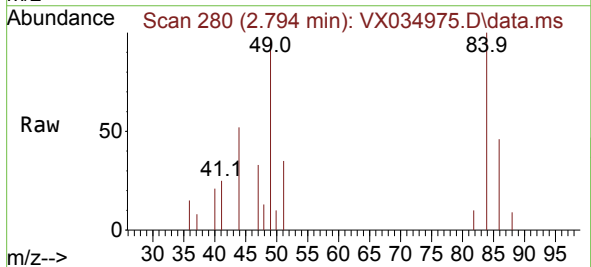
Instrument :
MSVOA_X
ClientSampleId :
IBLK

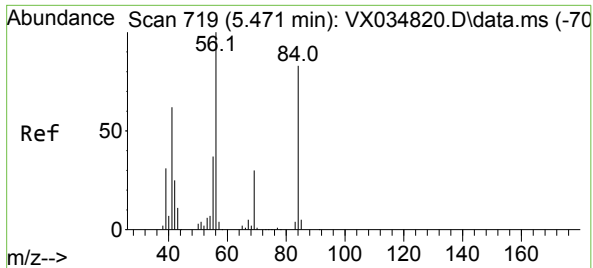
Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
58 22.5 24.7 37.1#



#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

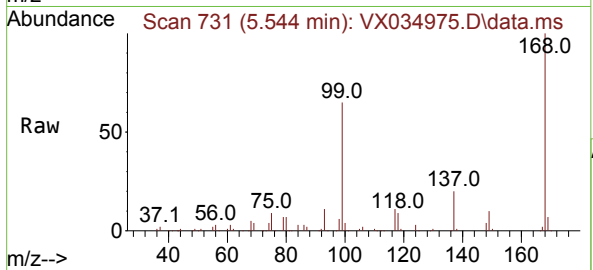
Tgt Ion: 84 Resp: 1317
Ion Ratio Lower Upper
84 100
49 97.1 103.8 155.8#
51 35.1 31.8 47.8
86 45.6 51.4 77.2#



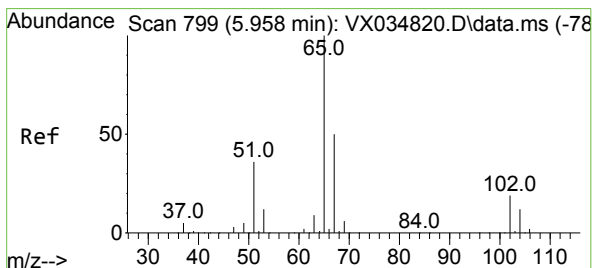
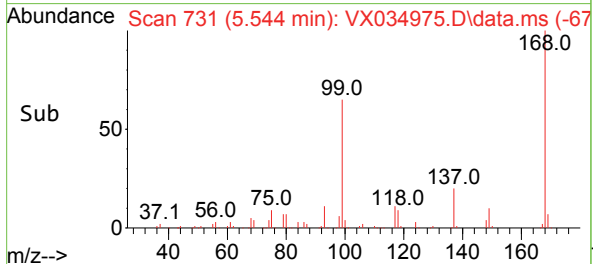
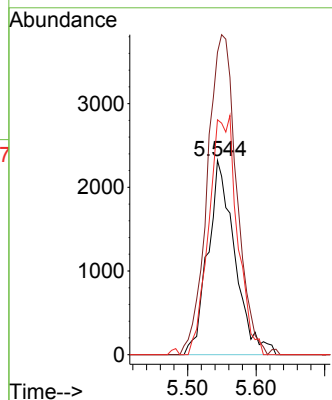


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :
IBLK

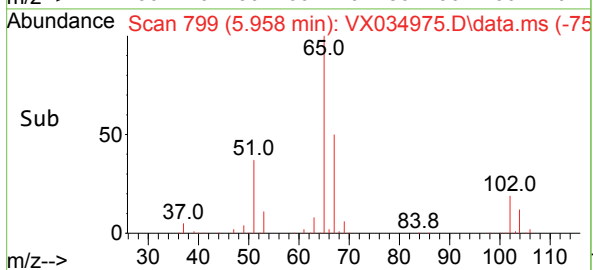
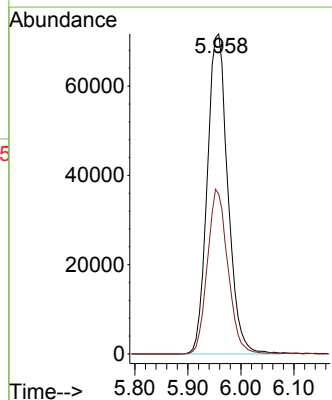
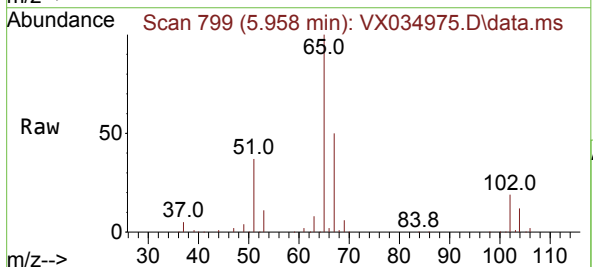


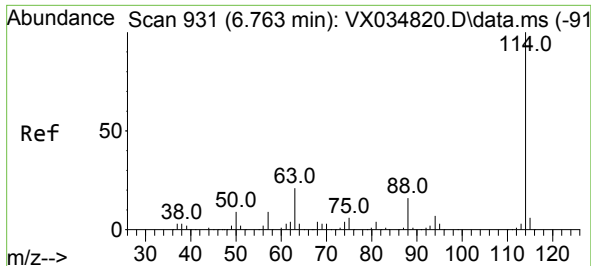
Tgt Ion: 56 Resp: 6335
Ion Ratio Lower Upper
56 100
69 155.7 23.7 35.5#
84 120.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.840 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 65 Resp: 193299
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

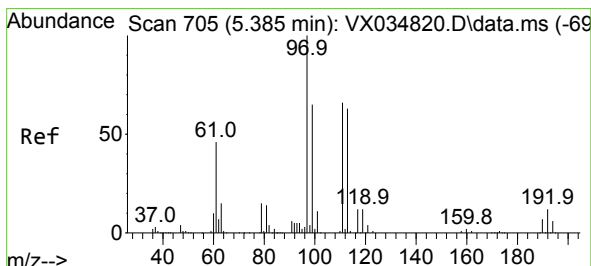
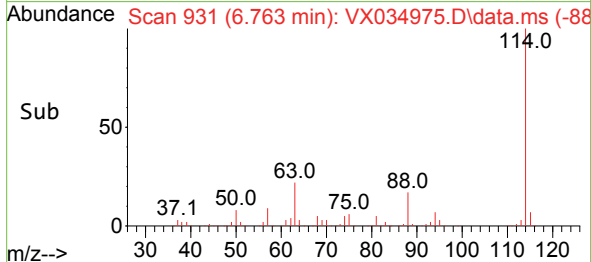
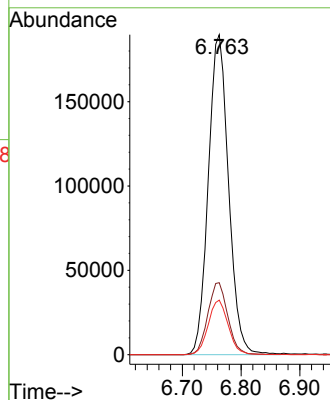
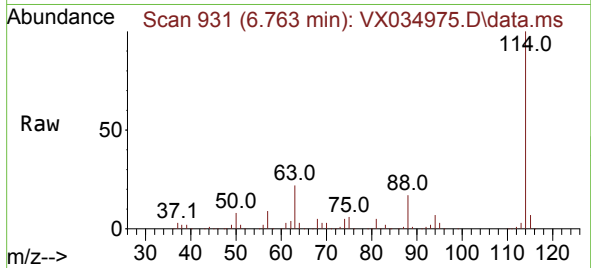




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

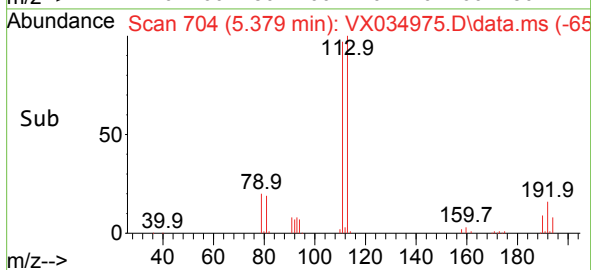
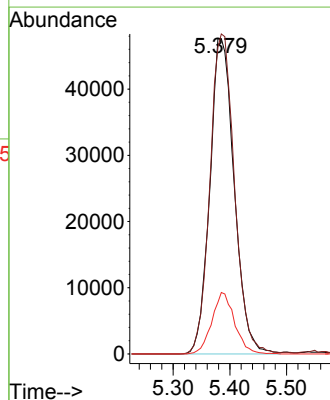
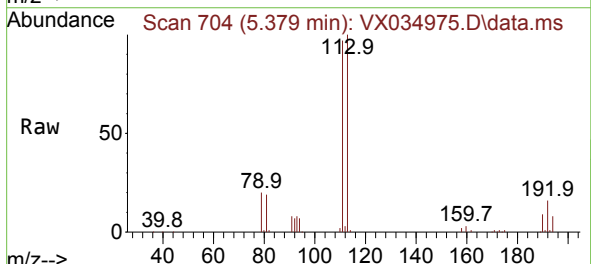
Instrument :
MSVOA_X
ClientSampleId :
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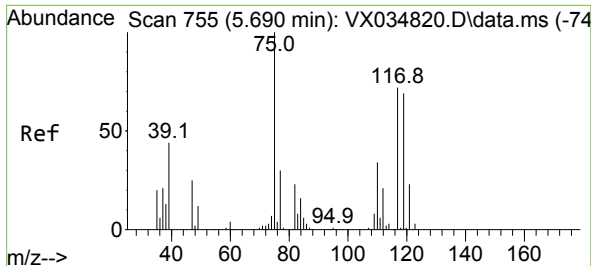
Tgt Ion:114 Resp: 453529
Ion Ratio Lower Upper
114 100
63 22.5 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.383 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

Tgt Ion:113 Resp: 142136
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 18.2 15.4 23.2

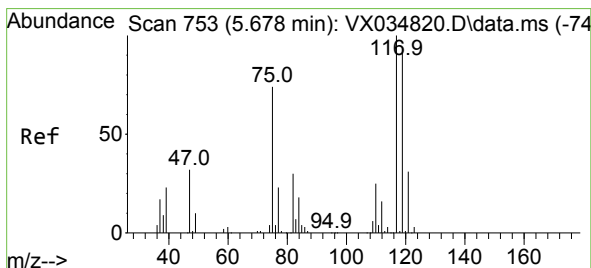
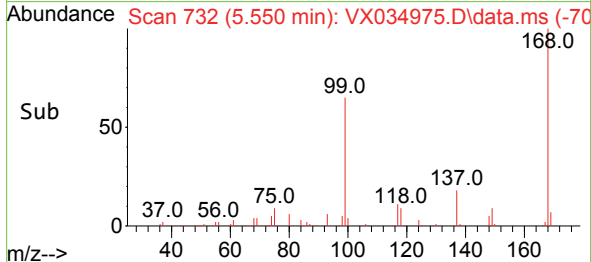
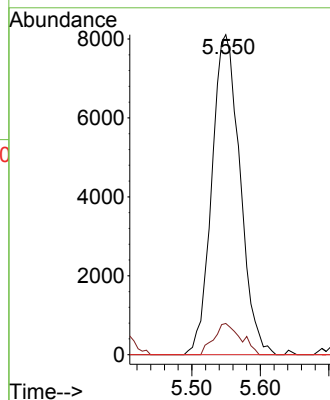
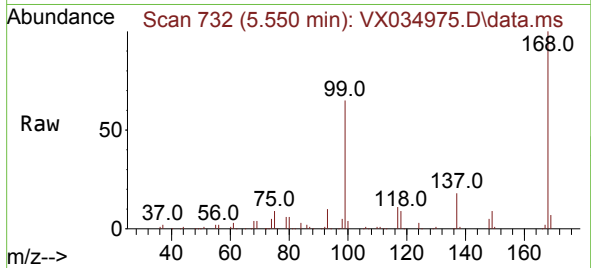




#36
1,1-Dichloropropene
Concen: 5.210 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

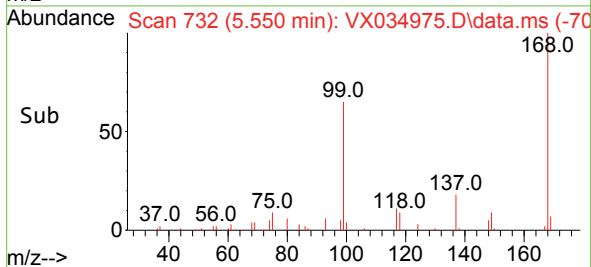
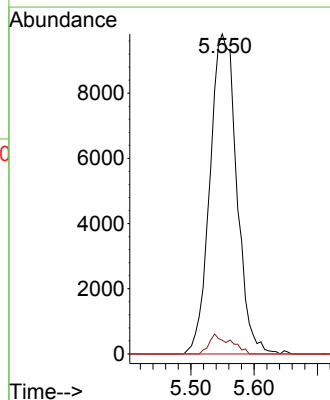
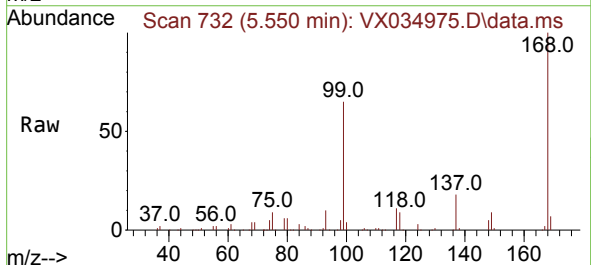
Instrument :
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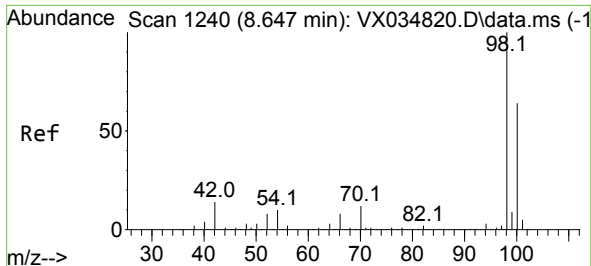
Tgt Ion: 75 Resp: 23152
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.873 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 117 Resp: 28799
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#

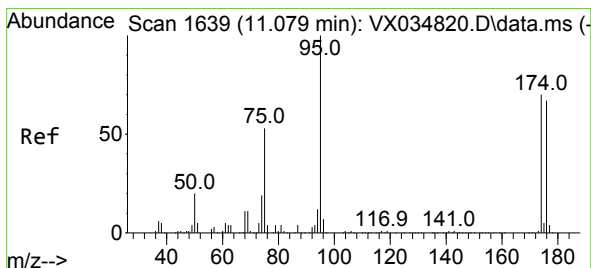
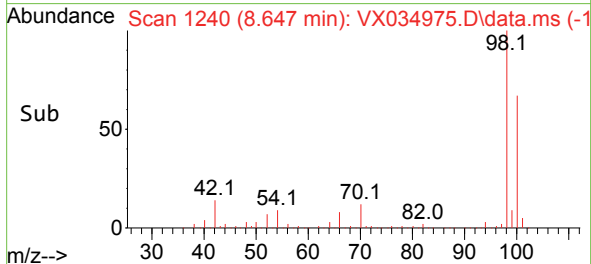
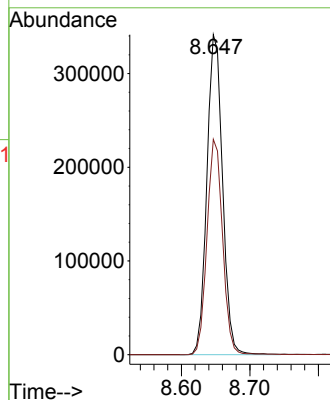
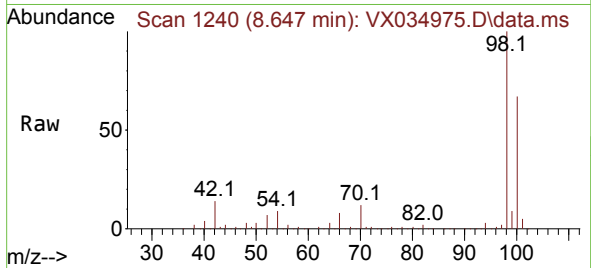




#50
Toluene-d8
Concen: 48.997 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

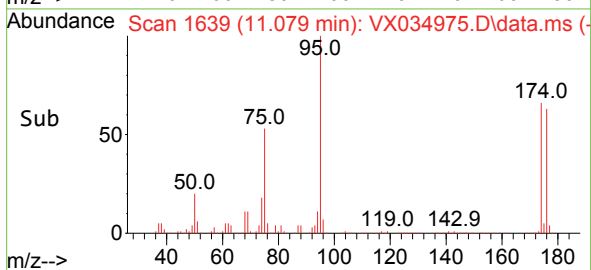
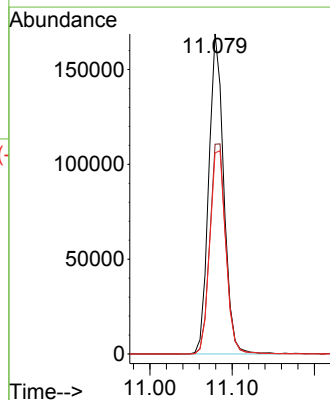
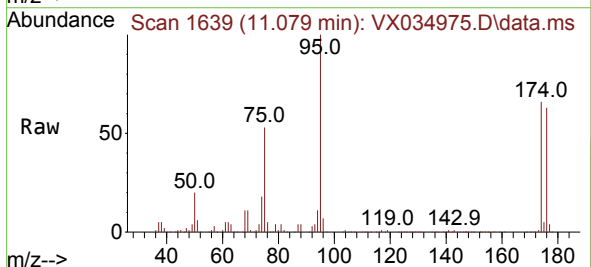
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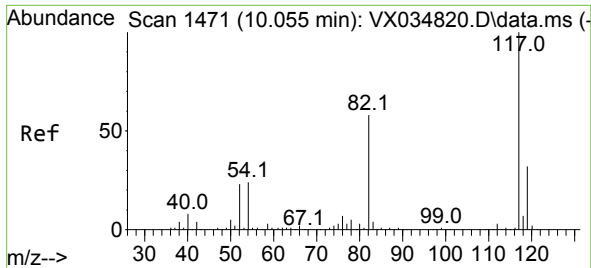
Tgt Ion: 98 Resp: 542509
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.882 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

Tgt Ion: 95 Resp: 213726
Ion Ratio Lower Upper
95 100
174 70.1 0.0 147.4
176 67.8 0.0 140.6

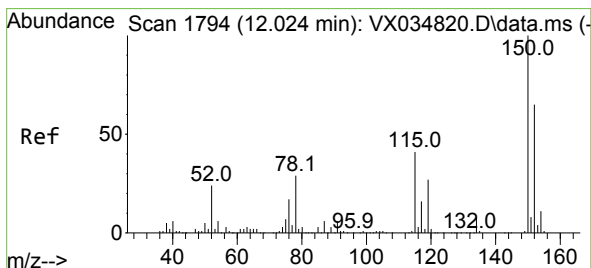
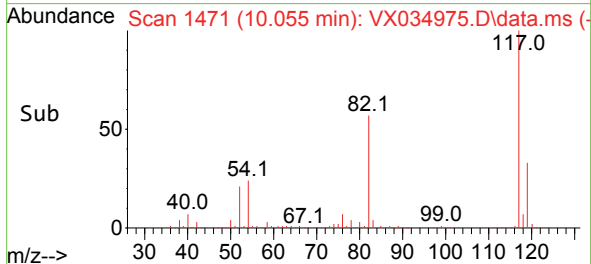
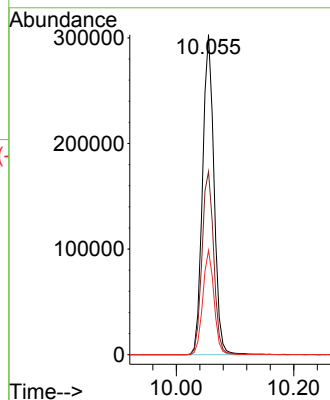
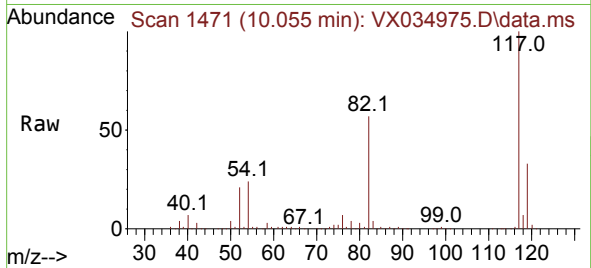




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

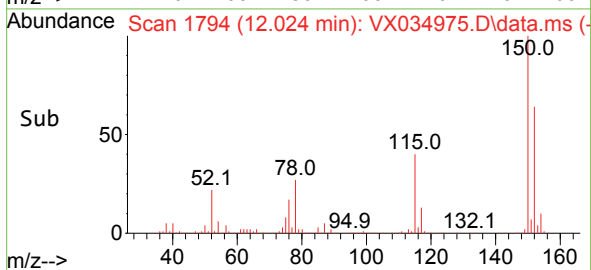
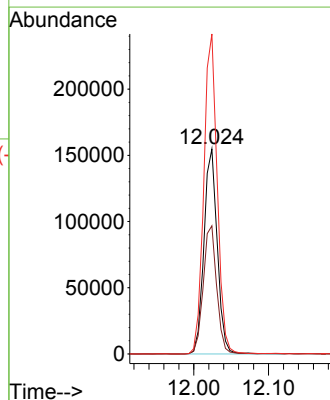
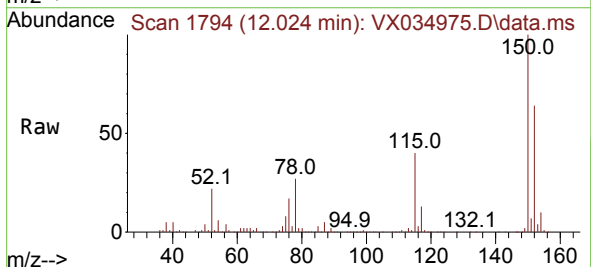
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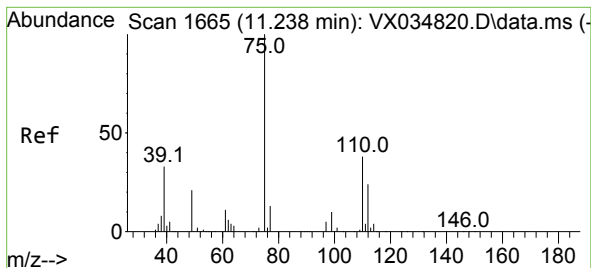
Tgt Ion:117 Resp: 410347
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034975.D
Acq: 07 Apr 2023 17:44

Tgt Ion:152 Resp: 191350
Ion Ratio Lower Upper
152 100
115 63.3 45.0 135.0
150 157.1 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 29.105 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX034975.D

Acq: 07 Apr 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

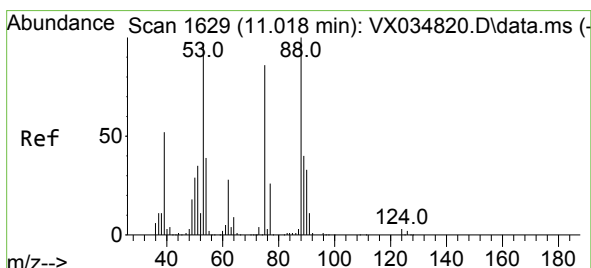
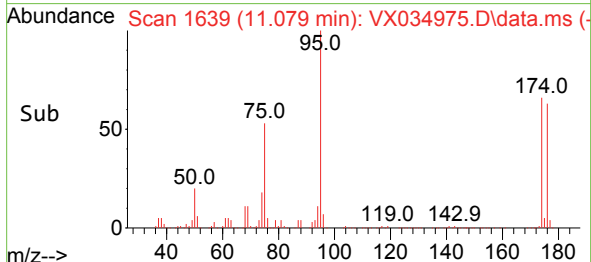
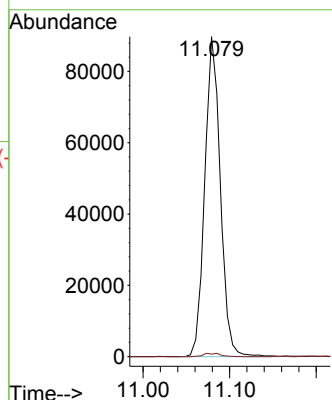
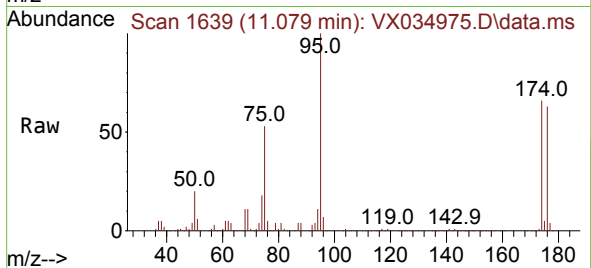
IBLK

Tgt Ion: 75 Resp: 112217

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.226 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034975.D

Acq: 07 Apr 2023 17:44

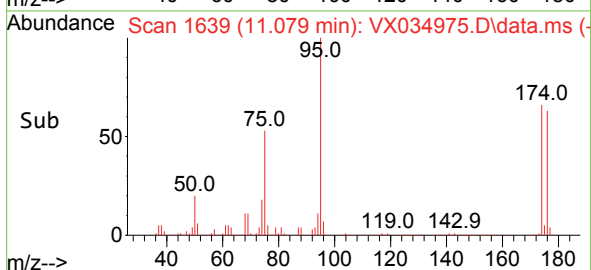
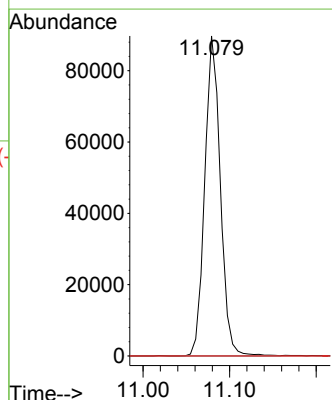
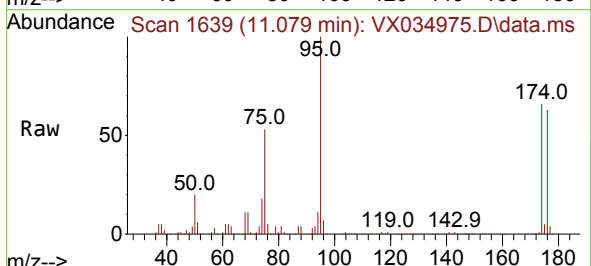
Tgt Ion: 75 Resp: 112217

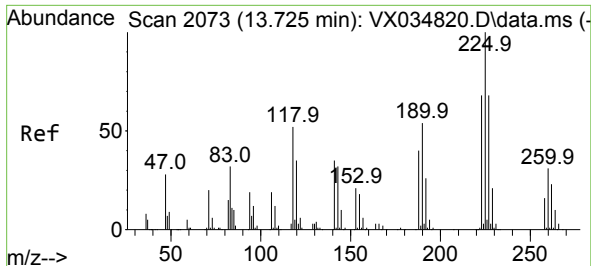
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

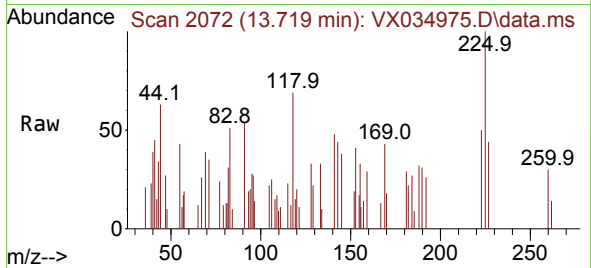
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.480 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX034975.D
 Acq: 07 Apr 2023 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	225	Resp:	756
Ion	Ratio	Lower	Upper
225	100		
223	67.7	32.1	96.5
227	64.0	31.8	95.4

