

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076781.D
 Acq On : 22 Feb 2023 19:16
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 23 00:00:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	268024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	479430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	422581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	163477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	192784	52.090	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.180%
35) Dibromofluoromethane	8.172	113	149229	47.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	10.566	98	587805	50.131	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.854	95	174697	44.985	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.960%

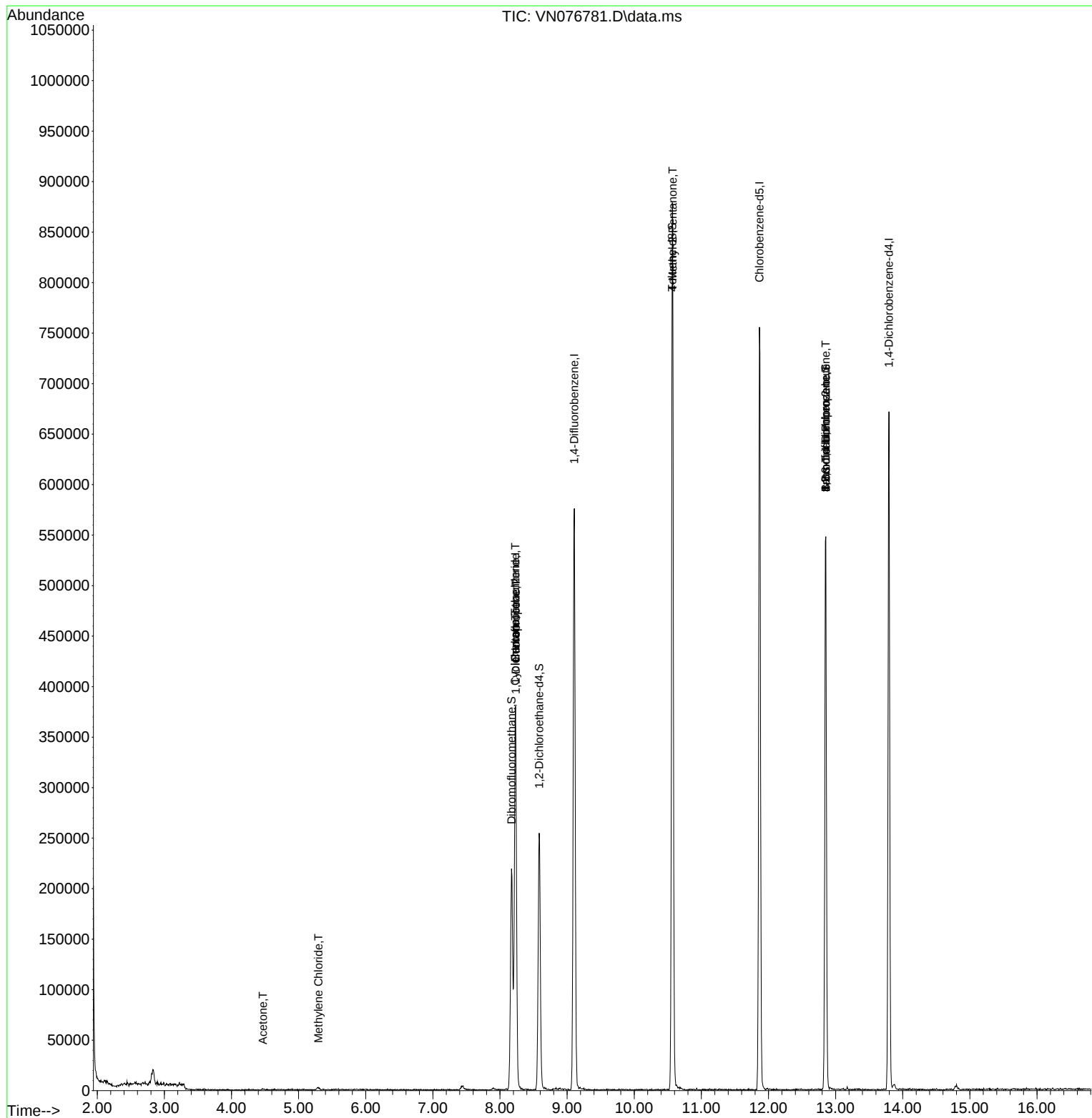
Target Compounds					Qvalue	
16) Acetone	4.466	43	559	0.338	ug/l #	42
20) Methylene Chloride	5.295	84	1573	0.454	ug/l #	57
31) Cyclohexane	8.225	56	7318	1.261	ug/l #	36
36) 1,1-Dichloropropene	8.236	75	24911	5.491	ug/l #	49
38) Carbon Tetrachloride	8.231	117	27208	5.946	ug/l #	18
51) 4-Methyl-2-Pentanone	10.572	43	3065	0.620	ug/l #	1
71) Bromoform	12.854	173	2036	0.853	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	98520	29.809	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	98520	86.821	ug/l #	4

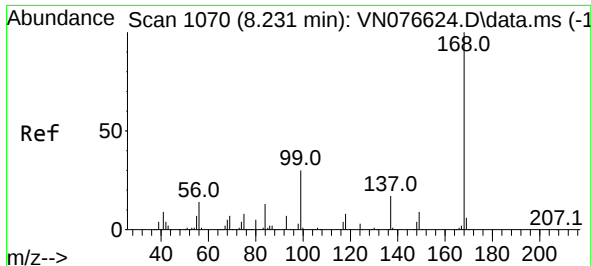
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
Data File : VN076781.D
Acq On : 22 Feb 2023 19:16
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Feb 23 00:00:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

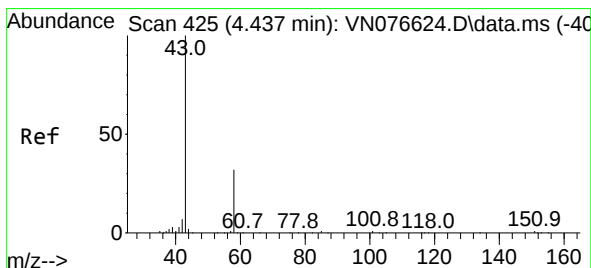
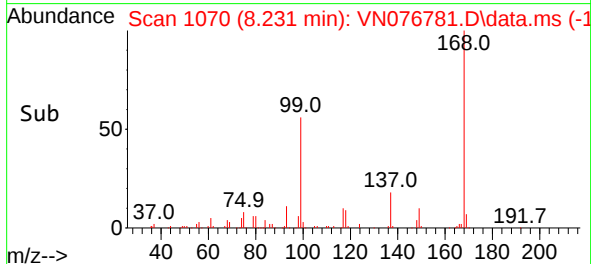
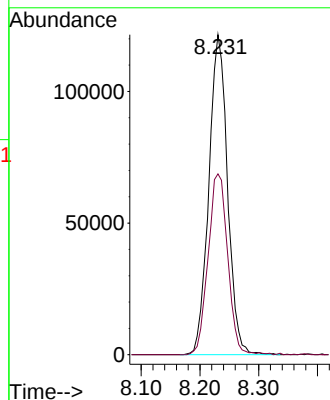
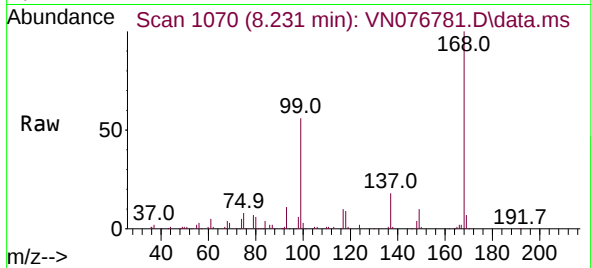




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

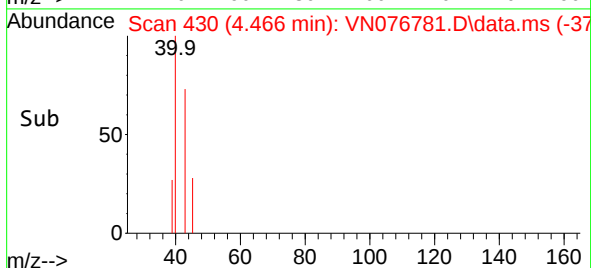
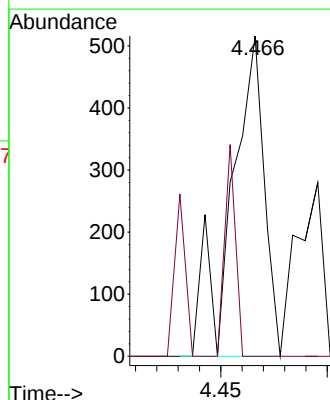
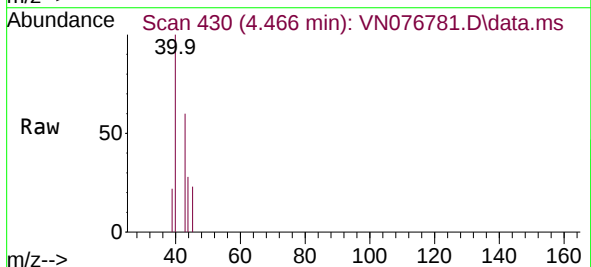
Instrument :
MSVOA_N
ClientSampleId :
IBLK

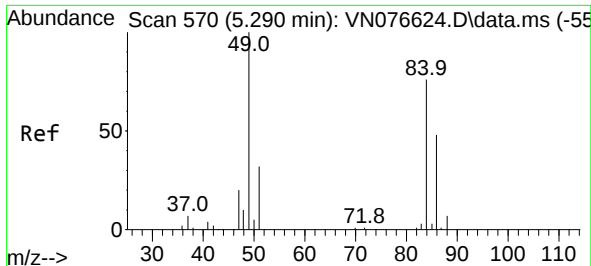
Tgt Ion:168 Resp: 268024
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#16
Acetone
Concen: 0.338 ug/l
RT: 4.466 min Scan# 430
Delta R.T. 0.029 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#



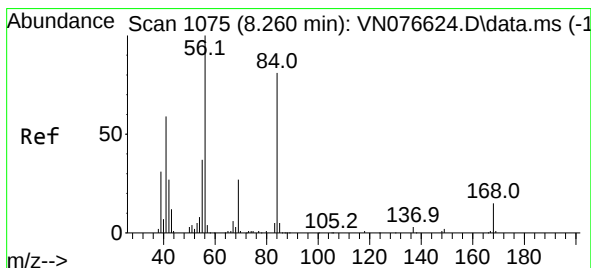
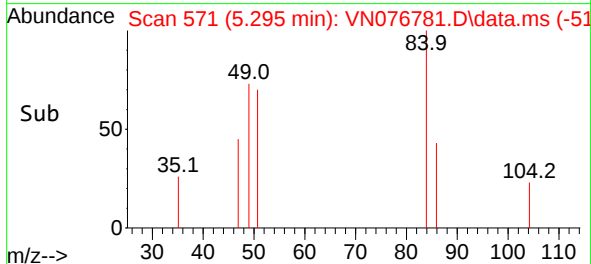
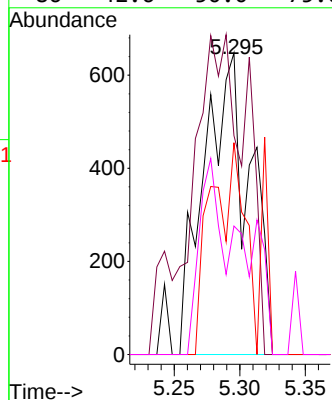
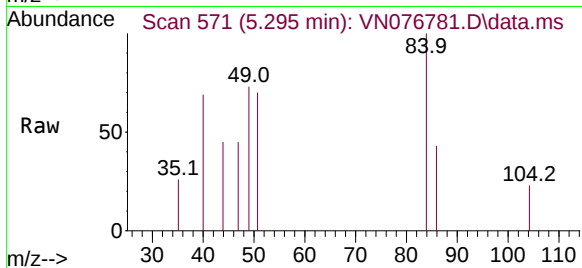


#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1573

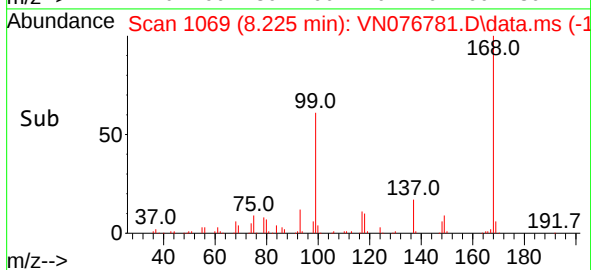
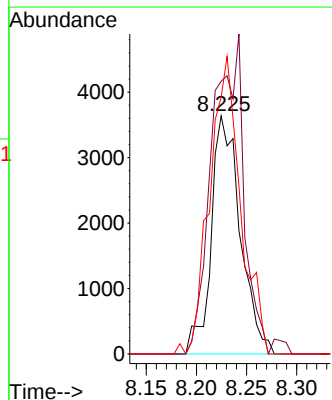
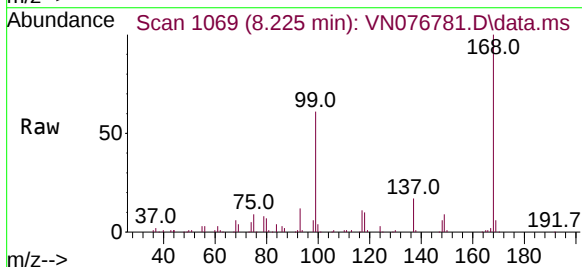
Ion	Ratio	Lower	Upper
84	100		
49	72.5	104.9	157.3#
51	70.2	33.8	50.8#
86	42.6	50.0	75.0#

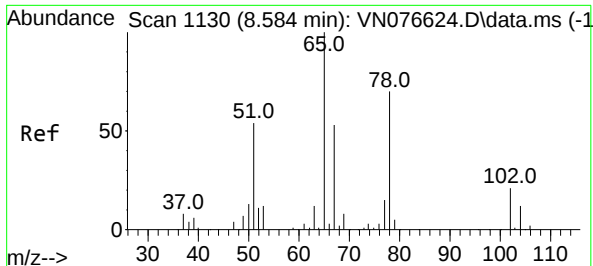


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

Tgt Ion: 56 Resp: 7318

Ion	Ratio	Lower	Upper
56	100		
69	114.6	21.6	32.4#
84	107.8	65.1	97.7#





#33

1,2-Dichloroethane-d4

Concen: 52.090 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076781.D

Acq: 22 Feb 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

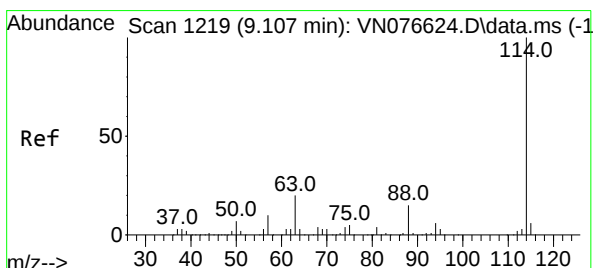
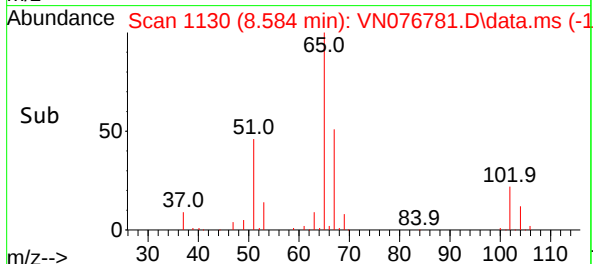
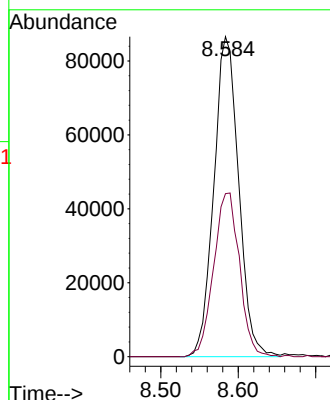
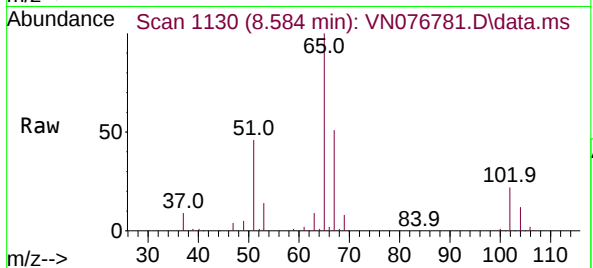
IBLK

Tgt Ion: 65 Resp: 192784

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076781.D

Acq: 22 Feb 2023 19:16

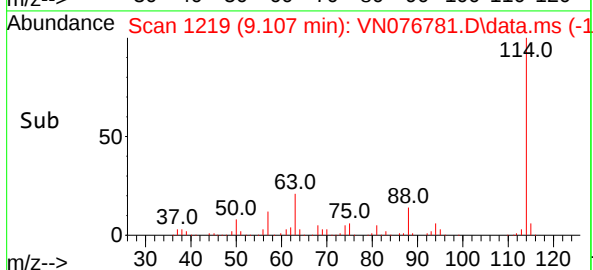
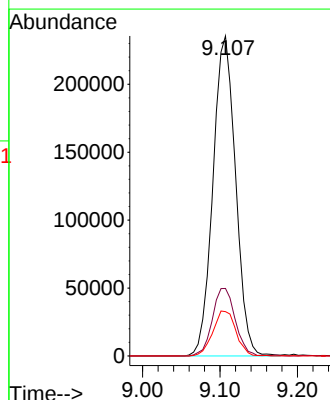
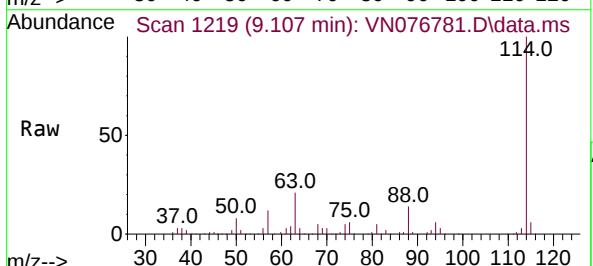
Tgt Ion: 114 Resp: 479430

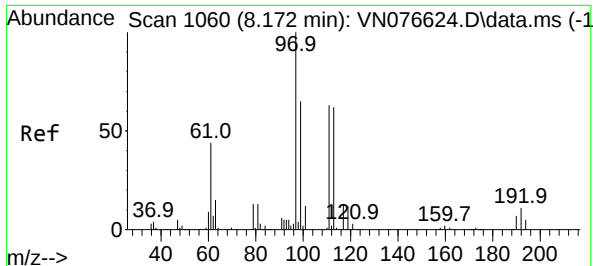
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 13.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.530 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076781.D

Acq: 22 Feb 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

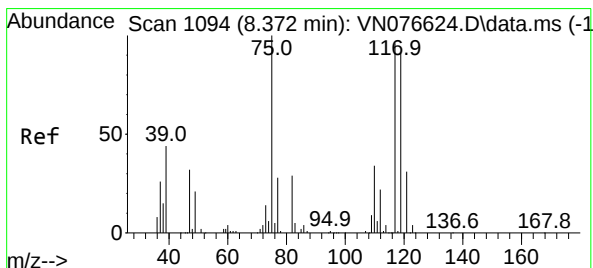
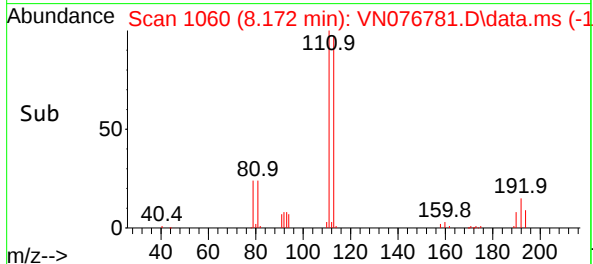
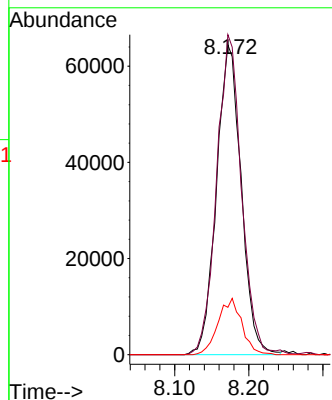
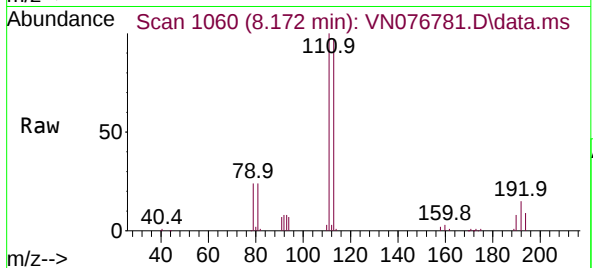
Tgt Ion:113 Resp: 149229

Ion Ratio Lower Upper

113 100

111 103.8 83.1 124.7

192 17.5 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.491 ug/l

RT: 8.236 min Scan# 1071

Delta R.T. -0.136 min

Lab File: VN076781.D

Acq: 22 Feb 2023 19:16

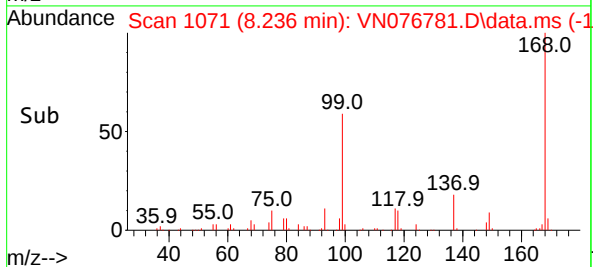
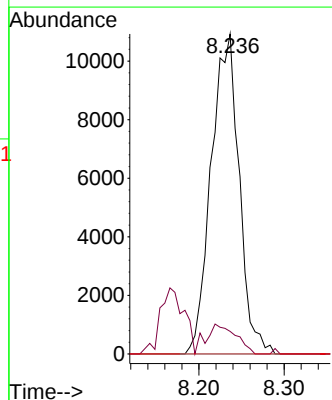
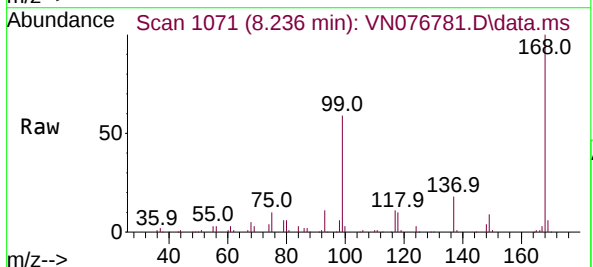
Tgt Ion: 75 Resp: 24911

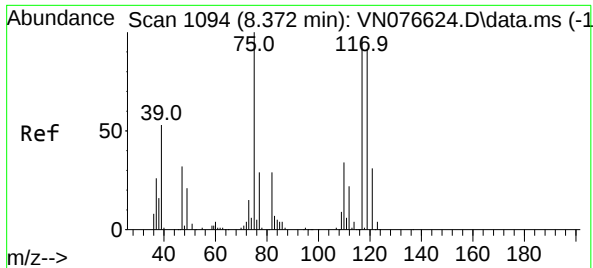
Ion Ratio Lower Upper

75 100

110 8.4 17.5 52.5#

77 0.0 24.5 36.7#

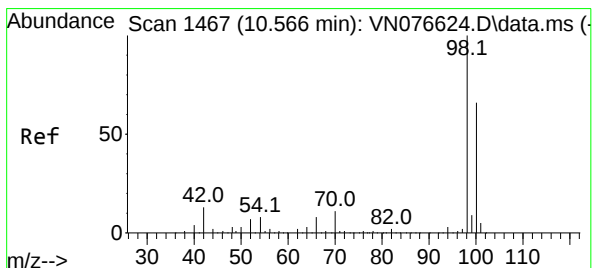
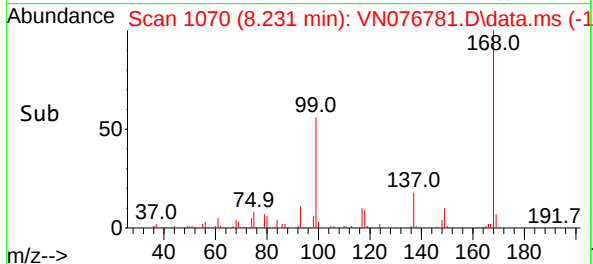
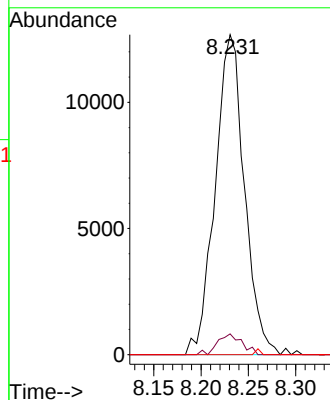
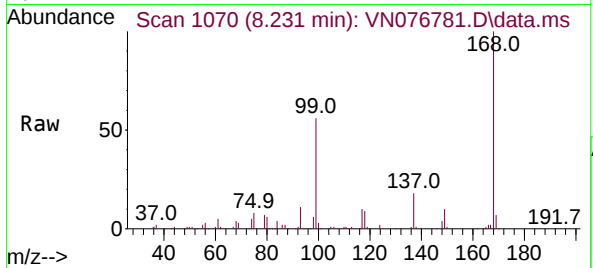




#38
Carbon Tetrachloride
Concen: 5.946 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

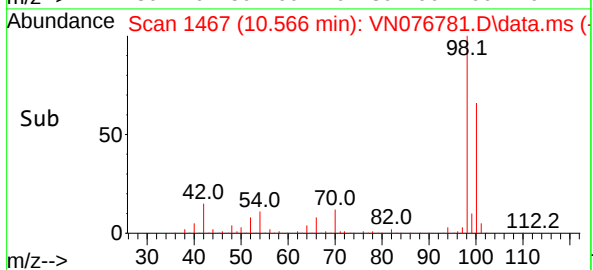
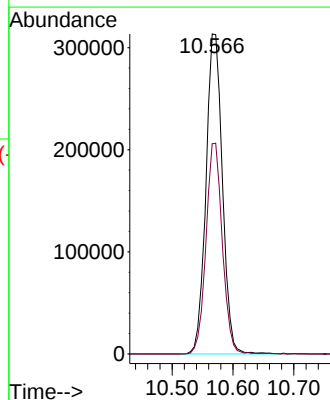
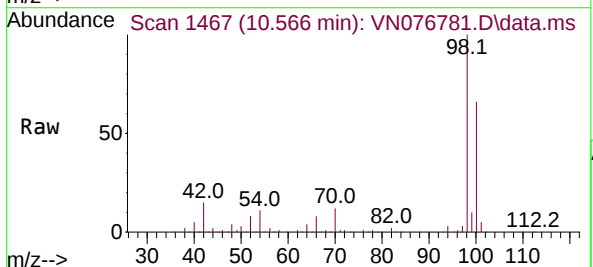
Instrument :
MSVOA_N
ClientSampleId :
IBLK

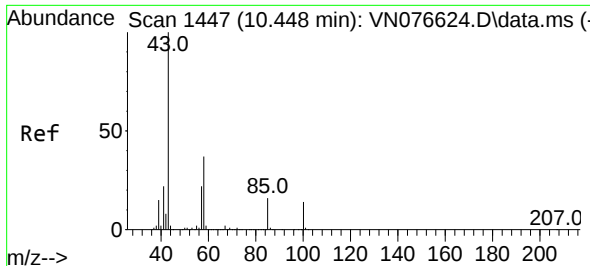
Tgt Ion:117 Resp: 27208
Ion Ratio Lower Upper
117 100
119 6.5 75.4 113.0#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 50.131 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

Tgt Ion: 98 Resp: 587805
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3

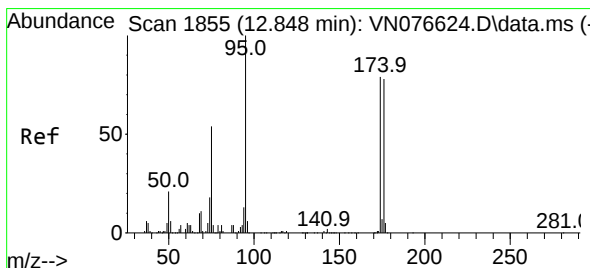
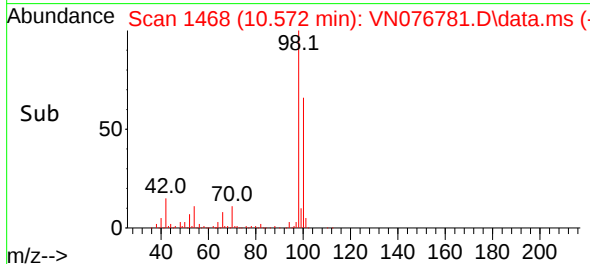
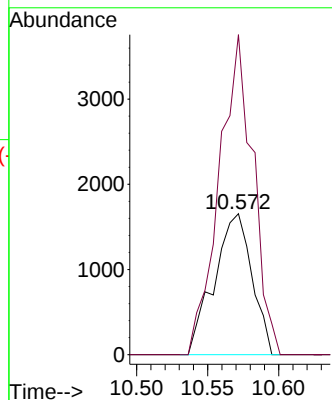
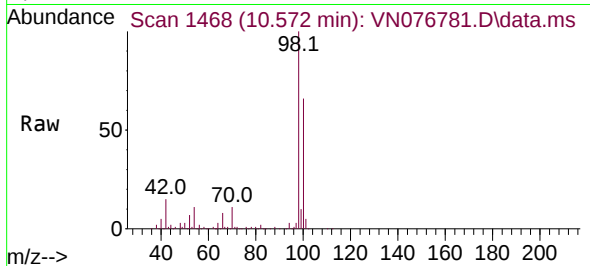




#51
4-Methyl-2-Pentanone
Concen: 0.620 ug/l
RT: 10.572 min Scan# 1447
Delta R.T. 0.124 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

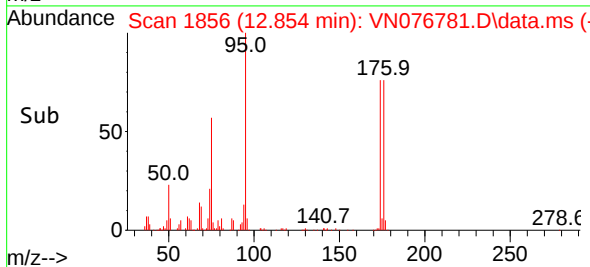
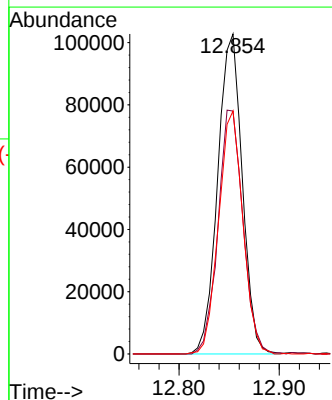
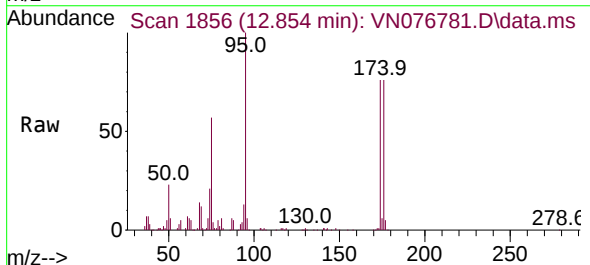
Instrument :
MSVOA_N
ClientSampleId :
IBLK

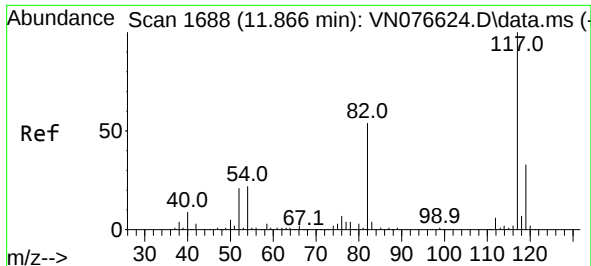
Tgt Ion: 43 Resp: 3065
Ion Ratio Lower Upper
43 100
58 203.4 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 44.985 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

Tgt Ion: 95 Resp: 174697
Ion Ratio Lower Upper
95 100
174 77.3 0.0 169.2
176 75.0 0.0 163.4

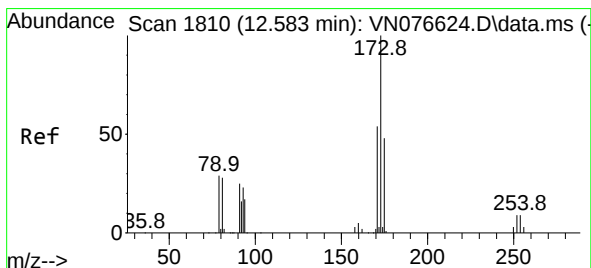
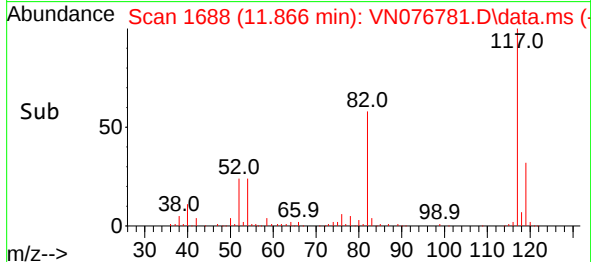
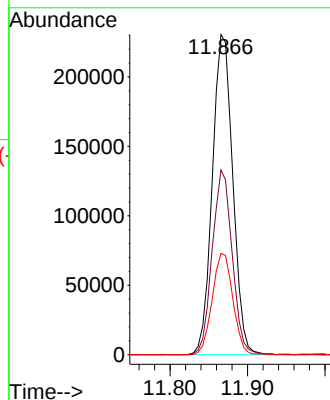
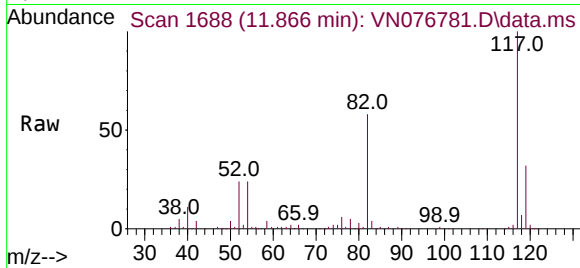




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

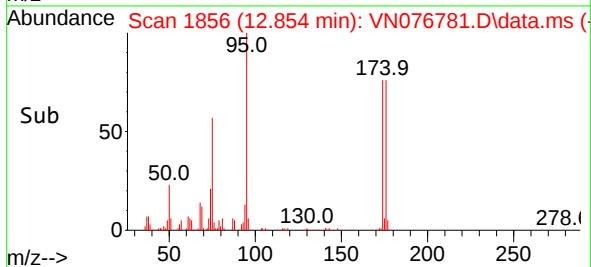
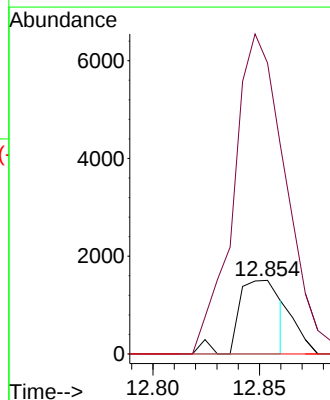
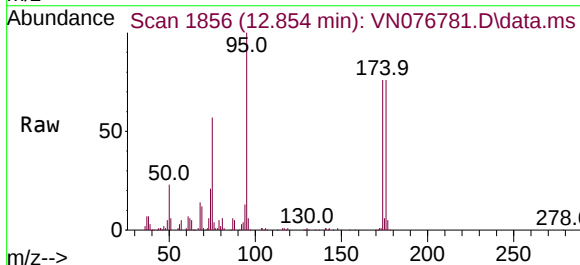
Instrument :
MSVOA_N
ClientSampleId :
IBLK

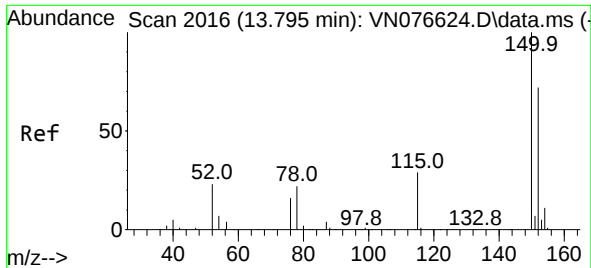
Tgt Ion:117 Resp: 422581
Ion Ratio Lower Upper
117 100
82 57.7 43.4 65.2
119 31.6 26.1 39.1



#71
Bromoform
Concen: 0.853 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN076781.D
Acq: 22 Feb 2023 19:16

Tgt Ion:173 Resp: 2036
Ion Ratio Lower Upper
173 100
175 464.9 24.9 74.7#
254 0.0 0.1 0.1#

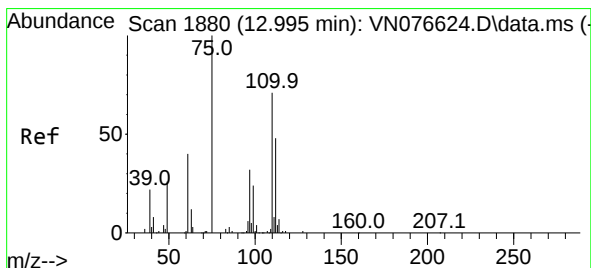
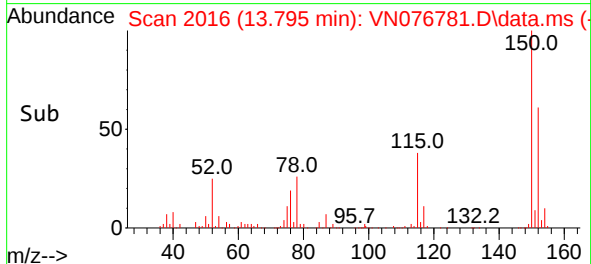
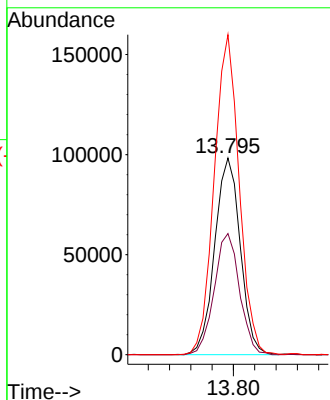
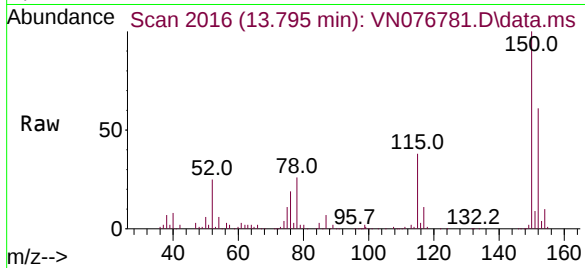




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN076781.D
 Acq: 22 Feb 2023 19:16

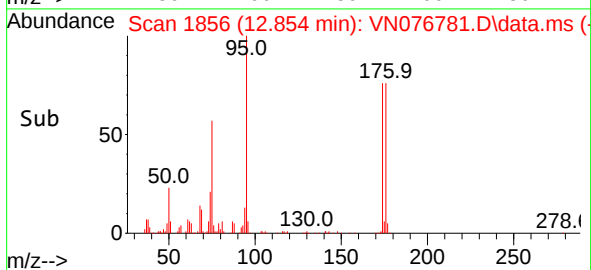
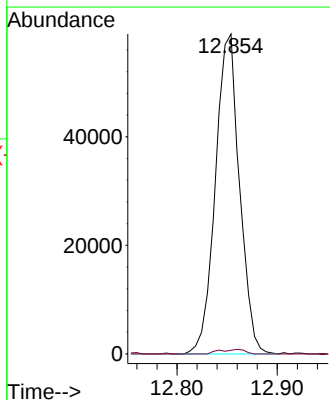
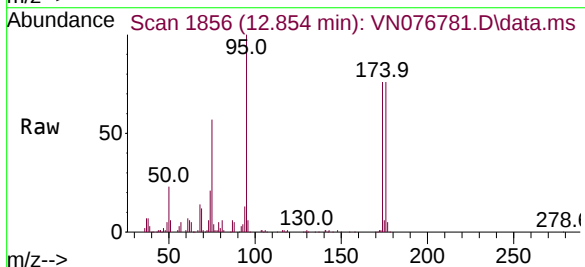
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

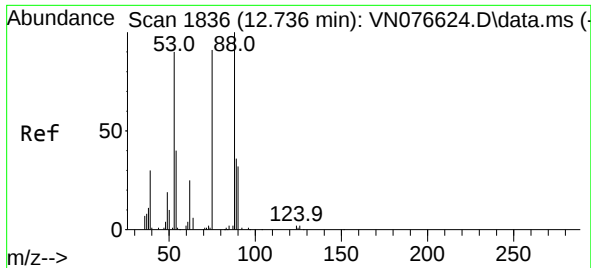
Tgt Ion:152 Resp: 163477
 Ion Ratio Lower Upper
 152 100
 115 61.2 29.3 87.9
 150 158.6 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.809 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN076781.D
 Acq: 22 Feb 2023 19:16

Tgt Ion: 75 Resp: 98520
 Ion Ratio Lower Upper
 75 100
 77 1.5 93.1 279.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.821 ug/l
 RT: 12.854 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN076781.D
 Acq: 22 Feb 2023 19:16

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 98520
 Ion Ratio Lower Upper
 75 100
 53 0.0 92.1 138.1#
 89 0.2 37.5 56.3#

