

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076402.D
 Acq On : 25 Jan 2023 15:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 26 07:17:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	407833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	675497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	585324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231459	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249531	54.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.280%
35) Dibromofluoromethane	8.171	113	209603	49.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	10.571	98	787427	50.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.853	95	245553	48.200	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.400%

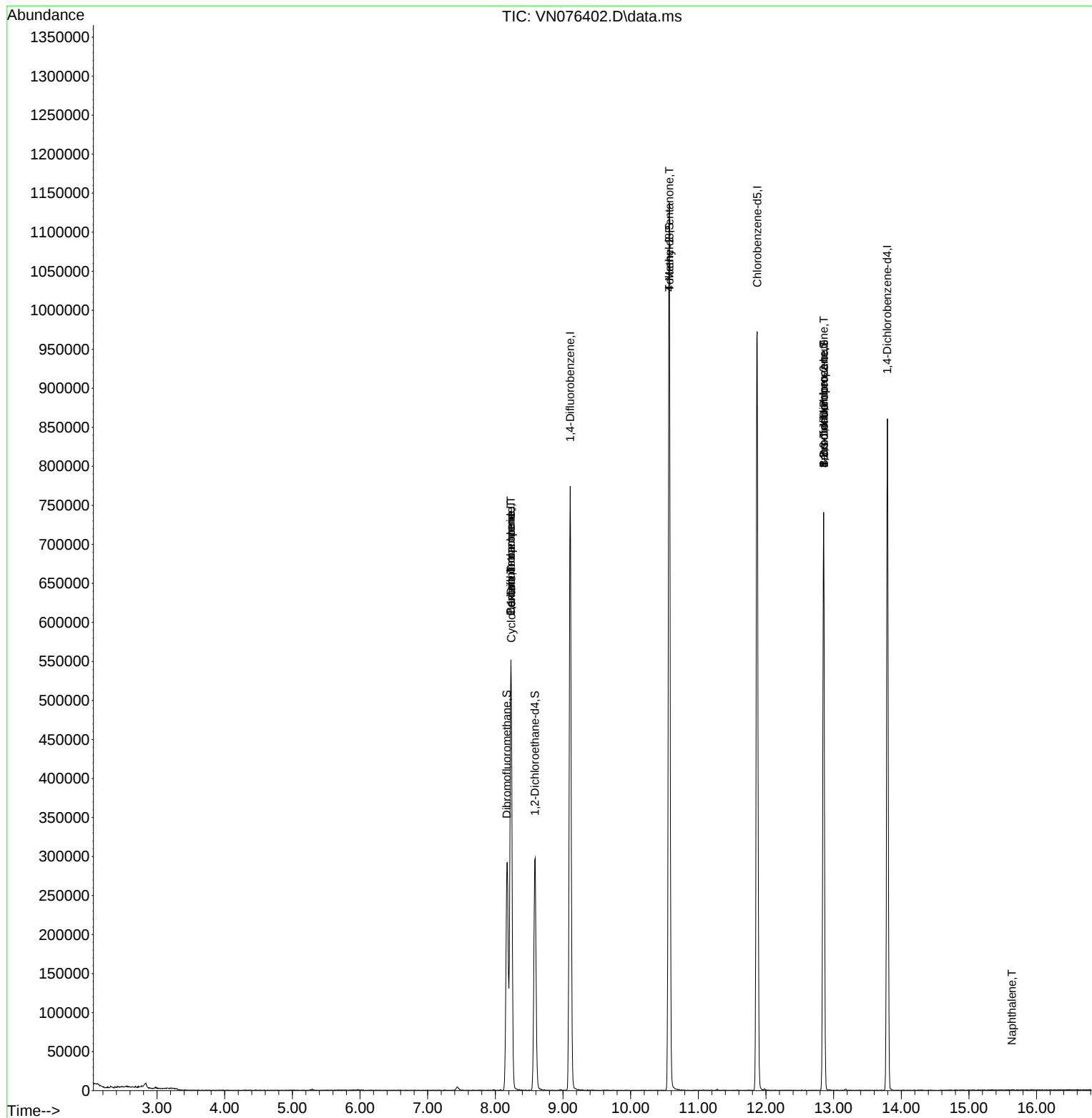
Target Compounds					Qvalue	
16) Acetone	4.442	43	64	Below Cal	#	41
20) Methylene Chloride	5.277	84	348	Below Cal	#	60
31) Cyclohexane	8.235	56	9167	1.307	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	32611	5.431	ug/l #	49
38) Carbon Tetrachloride	8.230	117	42146	6.294	ug/l #	19
51) 4-Methyl-2-Pentanone	10.571	43	2754	0.599	ug/l #	1
71) Bromoform	12.853	173	1856	0.558	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	130600	30.605	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	130600	93.881	ug/l #	11
95) Naphthalene	15.635	128	554	1.883	ug/l #	69

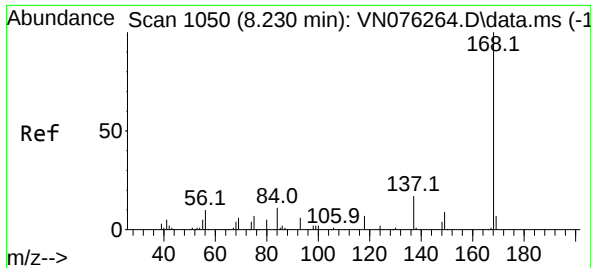
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

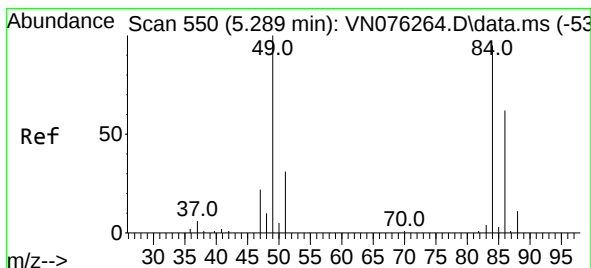
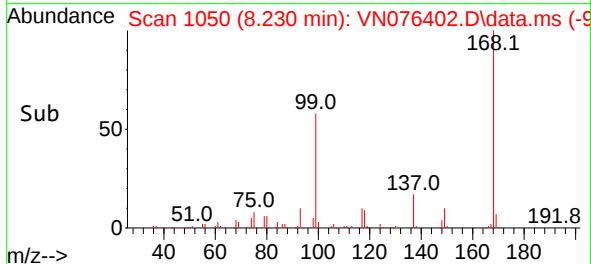
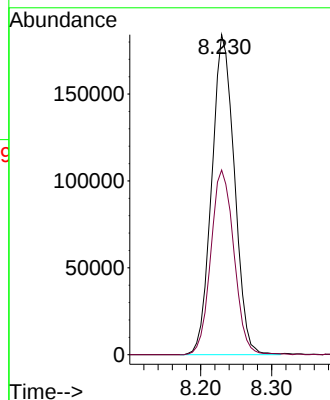
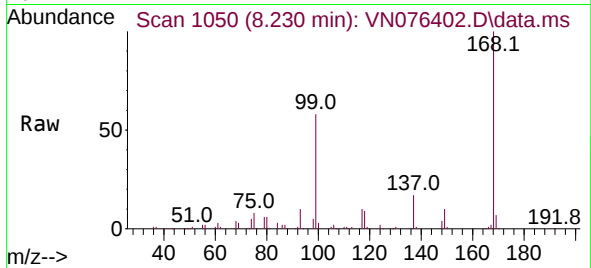




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

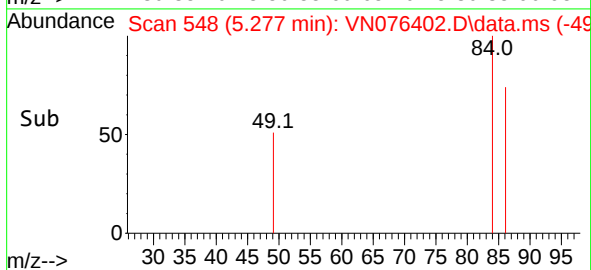
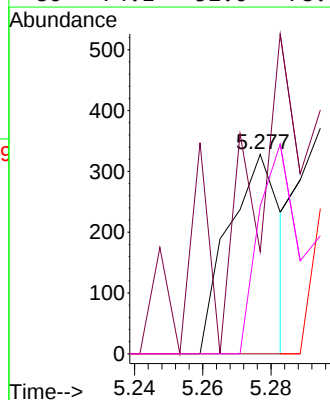
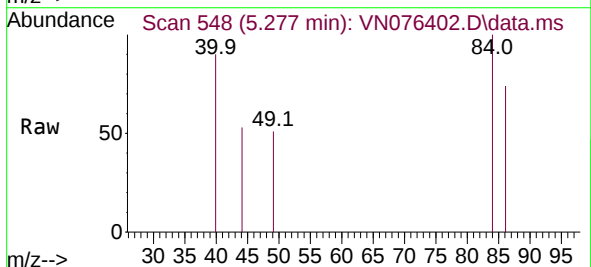
Instrument :
MSVOA_N
ClientSampleId :
IBLK

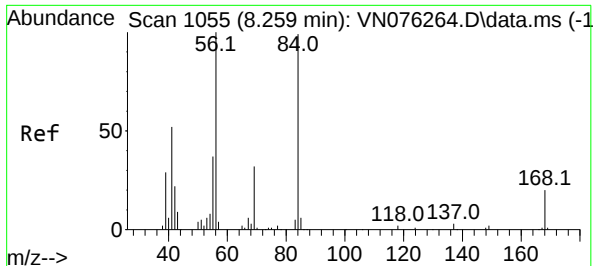
Tgt Ion:168 Resp: 407833
Ion Ratio Lower Upper
168 100
99 57.7 41.6 62.4



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

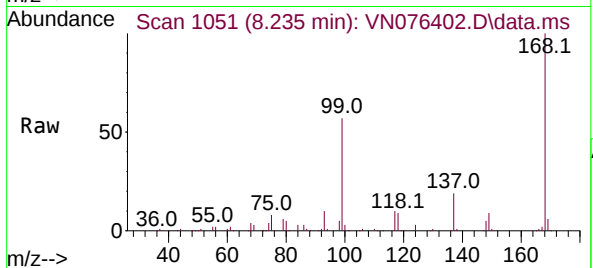
Tgt Ion: 84 Resp: 348
Ion Ratio Lower Upper
84 100
49 51.2 84.5 126.7#
51 0.0 26.0 39.0#
86 74.1 52.0 78.0



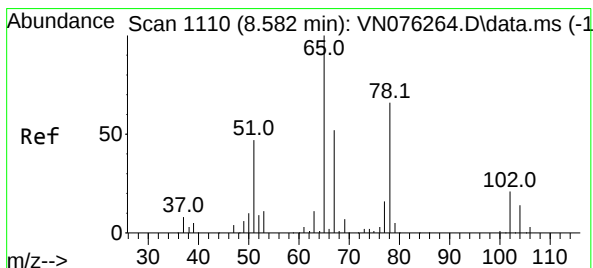
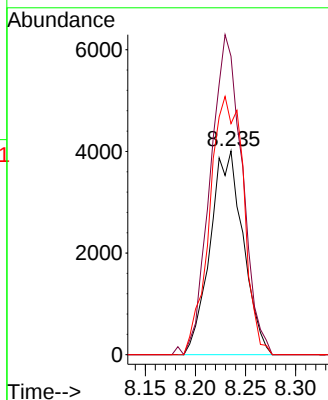
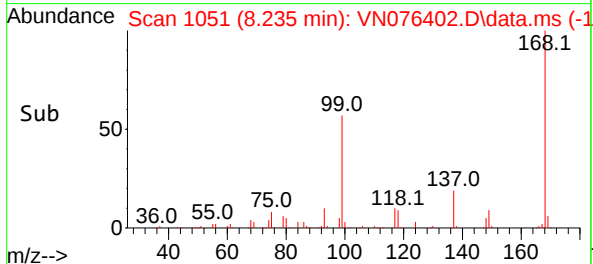


#31
Cyclohexane
Concen: 1.307 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

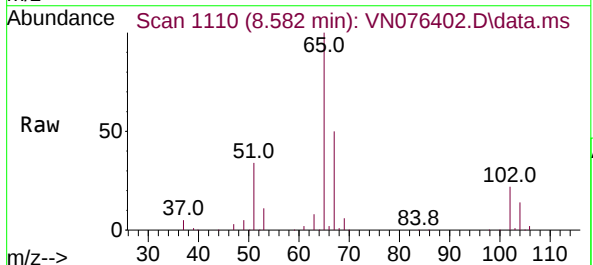
Instrument :
MSVOA_N
ClientSampleId :
IBLK



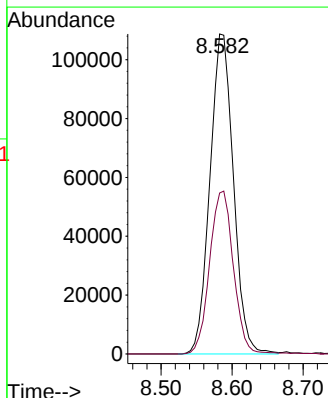
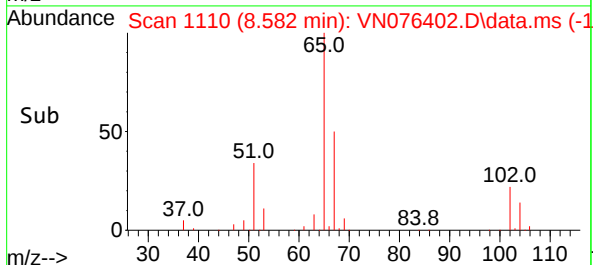
Tgt Ion: 56 Resp: 9167
Ion Ratio Lower Upper
56 100
69 146.4 25.8 38.8#
84 113.4 79.0 118.4

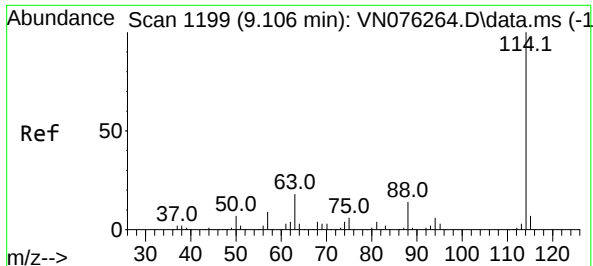


#33
1,2-Dichloroethane-d4
Concen: 54.644 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22



Tgt Ion: 65 Resp: 249531
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6

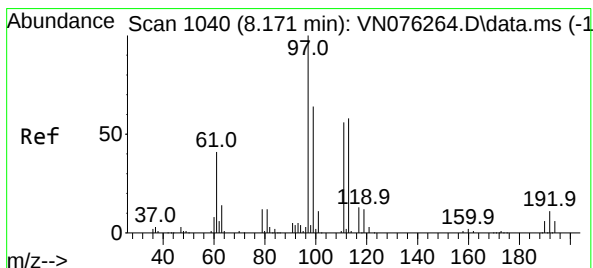
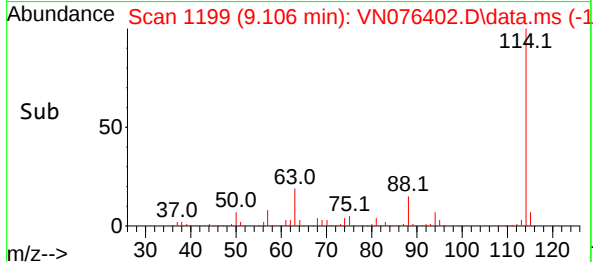
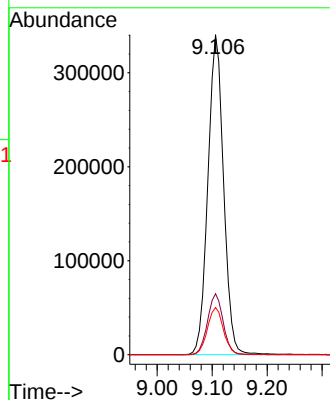
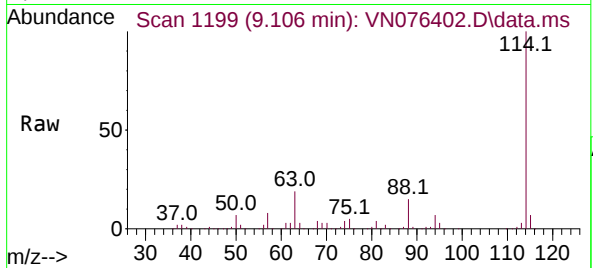




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

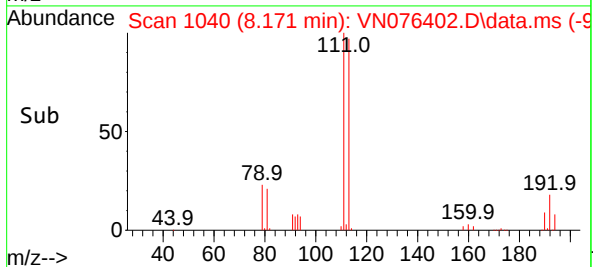
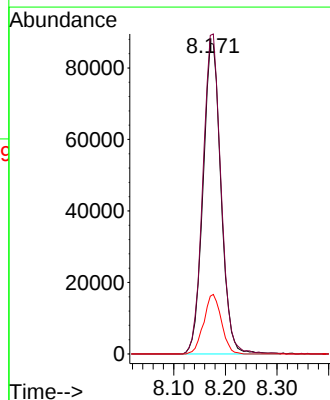
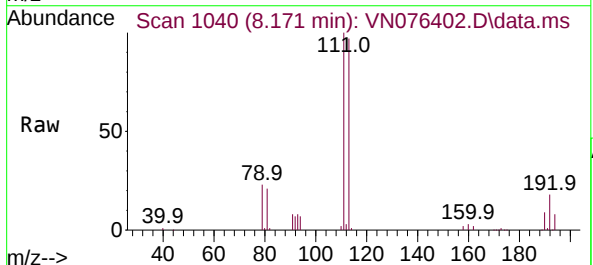
Instrument :
MSVOA_N
ClientSampleId :
IBLK

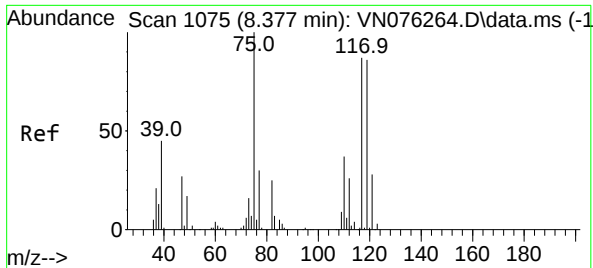
Tgt Ion:114 Resp: 675497
Ion Ratio Lower Upper
114 100
63 19.0 0.0 35.8
88 14.8 0.0 28.0



#35
Dibromofluoromethane
Concen: 49.604 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

Tgt Ion:113 Resp: 209603
Ion Ratio Lower Upper
113 100
111 103.5 82.7 124.1
192 18.8 15.6 23.4

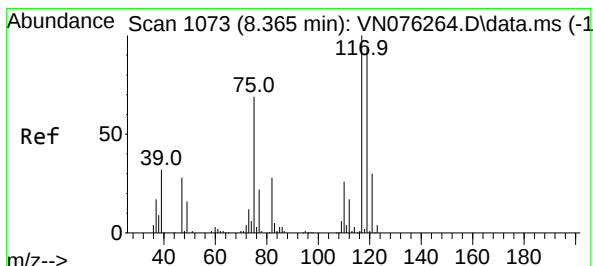
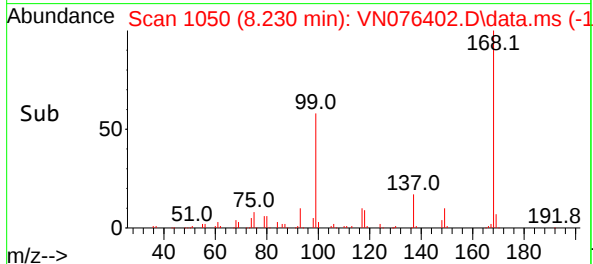
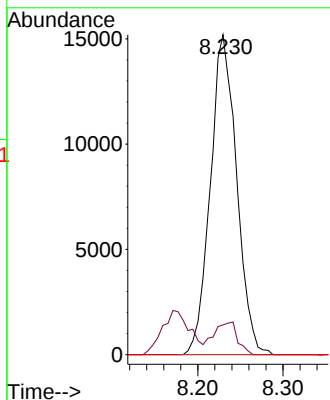
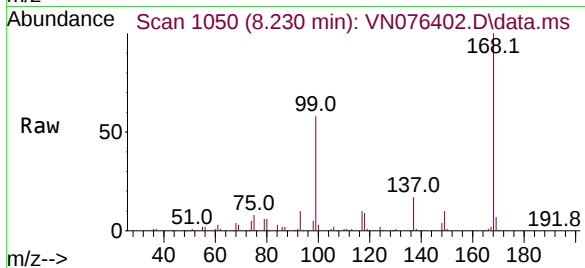




#36
1,1-Dichloropropene
Concen: 5.431 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

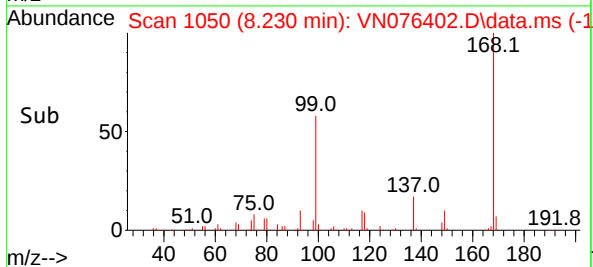
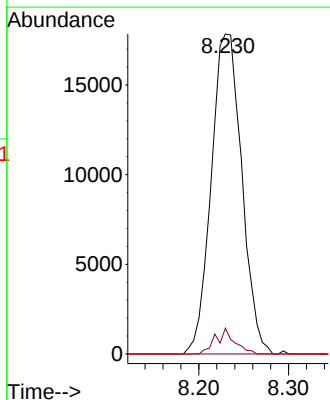
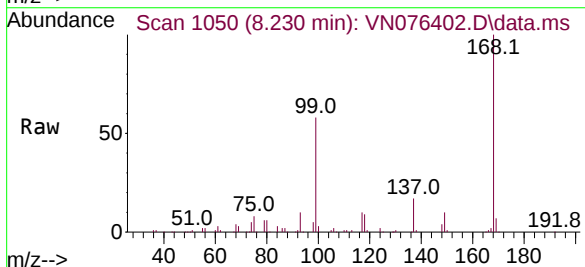
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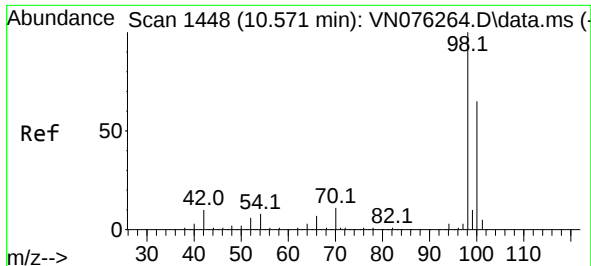
Tgt Ion: 75 Resp: 32611
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.294 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

Tgt Ion: 117 Resp: 42146
Ion Ratio Lower Upper
117 100
119 8.0 75.4 113.0#
121 0.0 24.2 36.2#

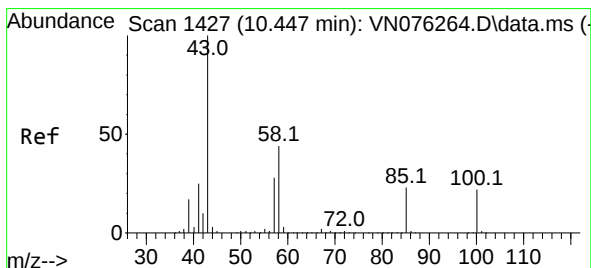
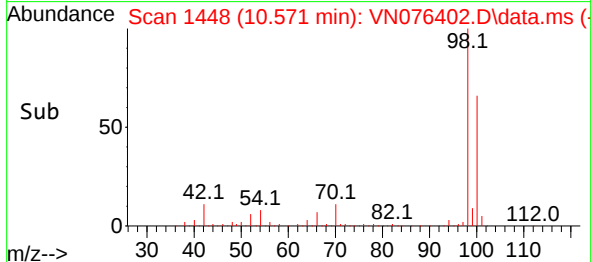
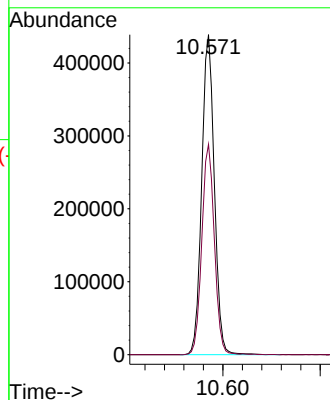
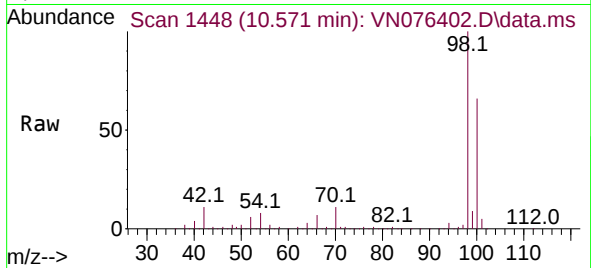




#50
Toluene-d8
Concen: 50.459 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

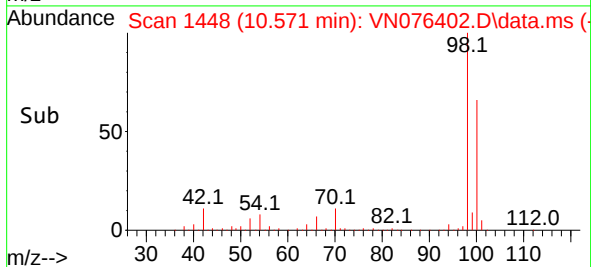
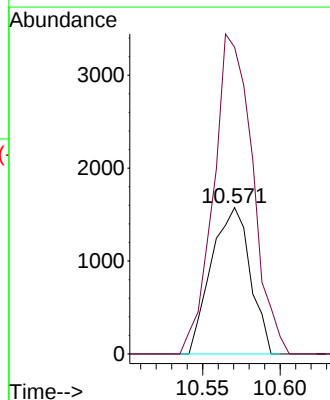
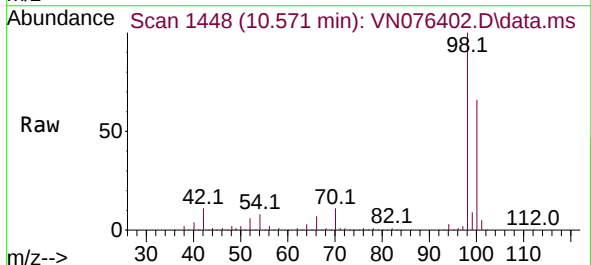
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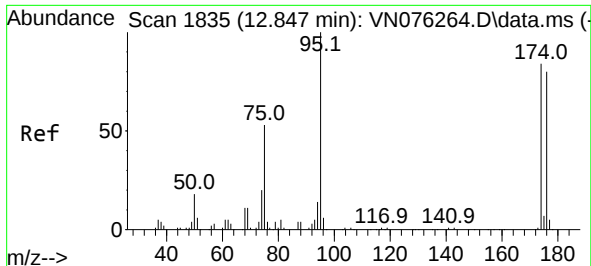
Tgt Ion: 98 Resp: 787427
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

Tgt Ion: 43 Resp: 2754
Ion Ratio Lower Upper
43 100
58 218.6 35.1 52.7#

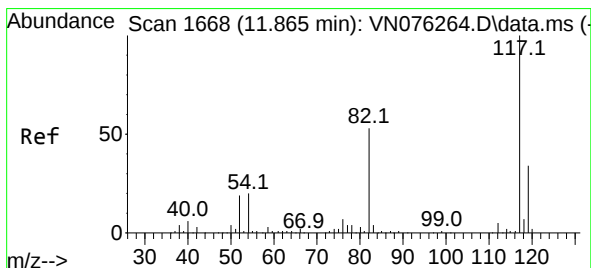
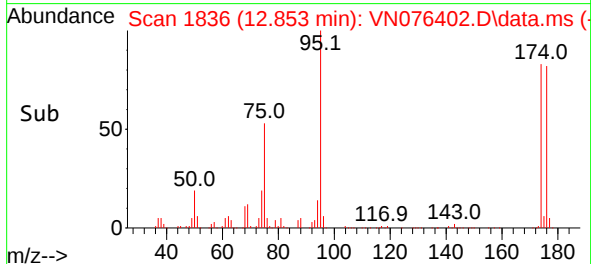
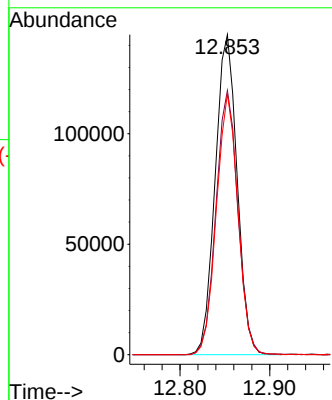
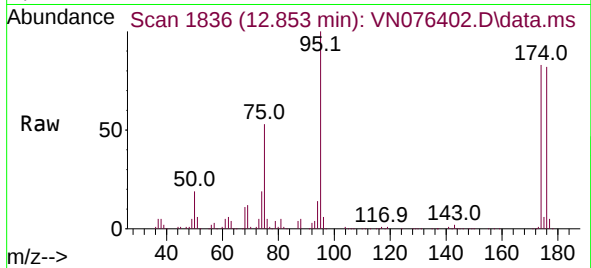




#62
4-Bromofluorobenzene
Concen: 48.200 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

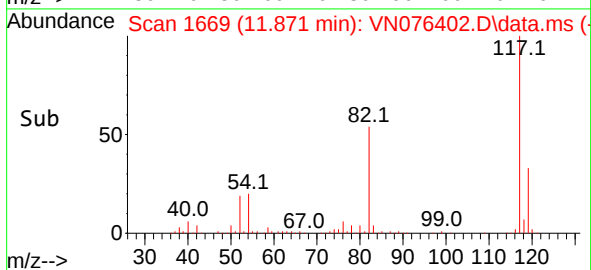
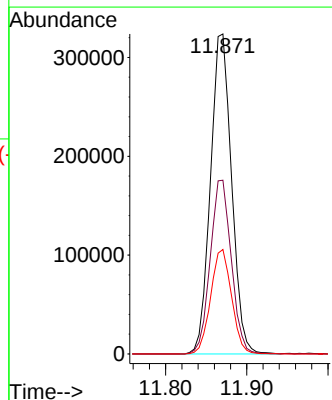
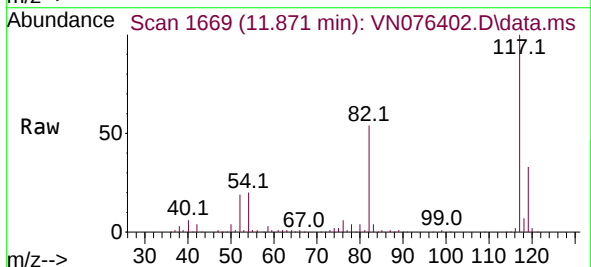
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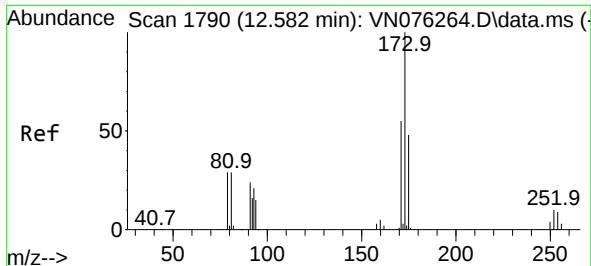
Tgt Ion: 95 Resp: 245553
Ion Ratio Lower Upper
95 100
174 82.5 0.0 174.6
176 79.9 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

Tgt Ion: 117 Resp: 585324
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.2
119 32.6 26.9 40.3

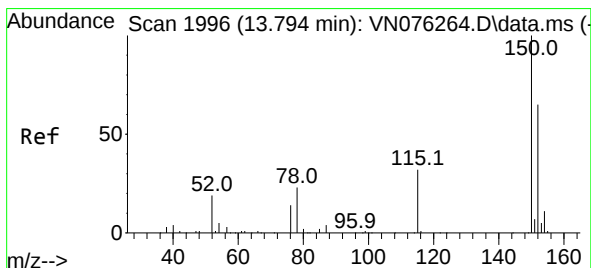
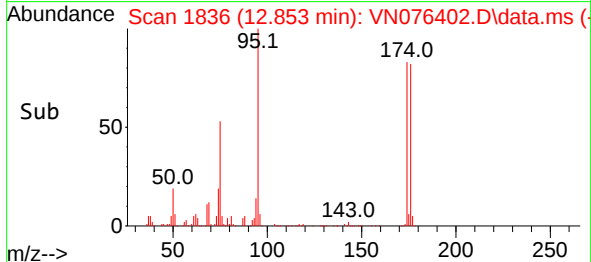
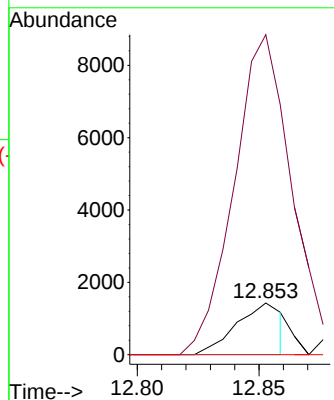
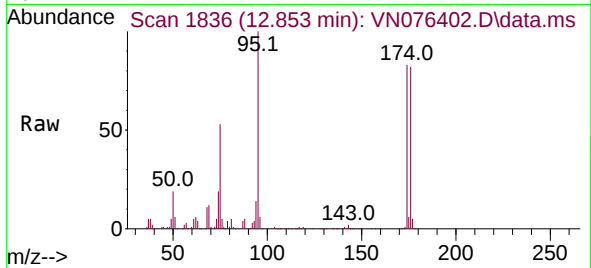




#71
Bromoform
Concen: 0.558 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

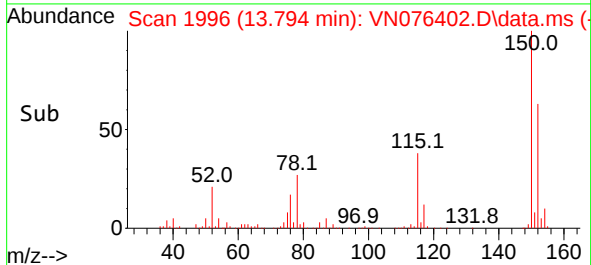
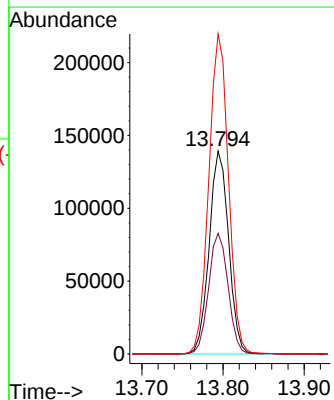
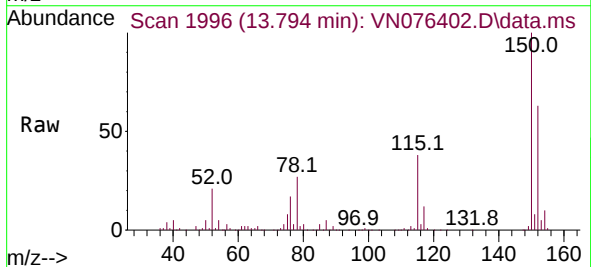
Instrument :
MSVOA_N
ClientSampleId :
IBLK

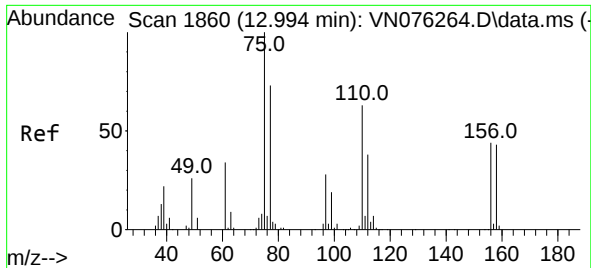
Tgt Ion:173 Resp: 1856
Ion Ratio Lower Upper
173 100
175 637.8 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

Tgt Ion:152 Resp: 231459
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.9
150 159.2 0.0 351.4

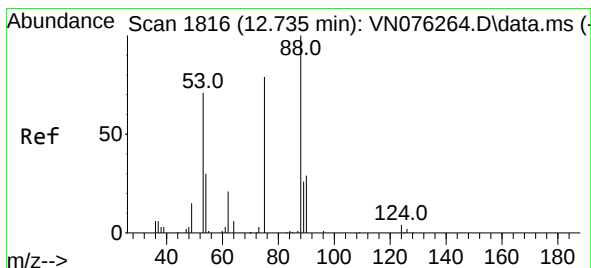
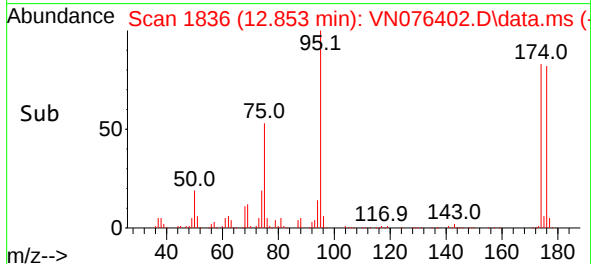
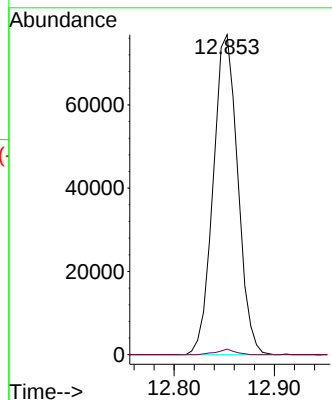
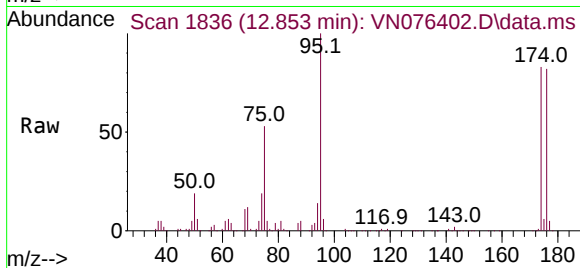




#76
1,2,3-Trichloropropane
Concen: 30.605 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

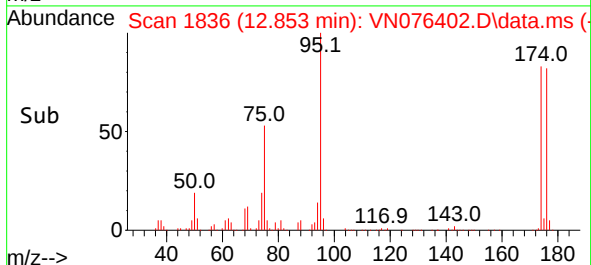
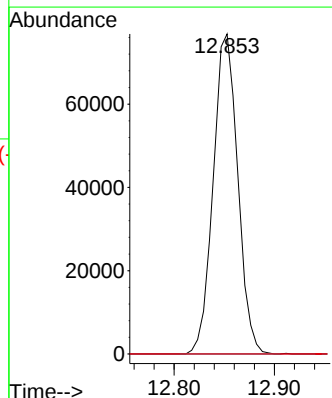
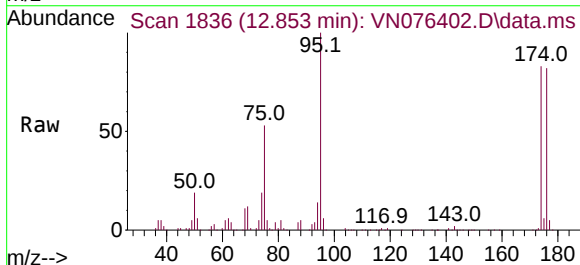
Instrument :
MSVOA_N
ClientSampleId :
IBLK

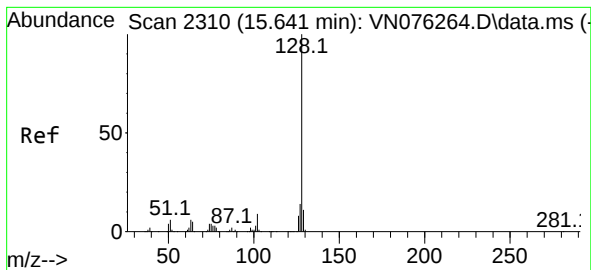
Tgt Ion: 75 Resp: 130600
Ion Ratio Lower Upper
75 100
77 1.3 75.2 225.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.881 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076402.D
Acq: 25 Jan 2023 15:22

Tgt Ion: 75 Resp: 130600
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 1.883 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN076402.D

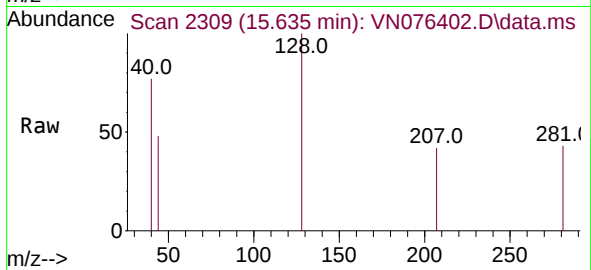
Acq: 25 Jan 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 554

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

