

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076735.D
 Acq On : 17 Feb 2023 15:28
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 18 02:09:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

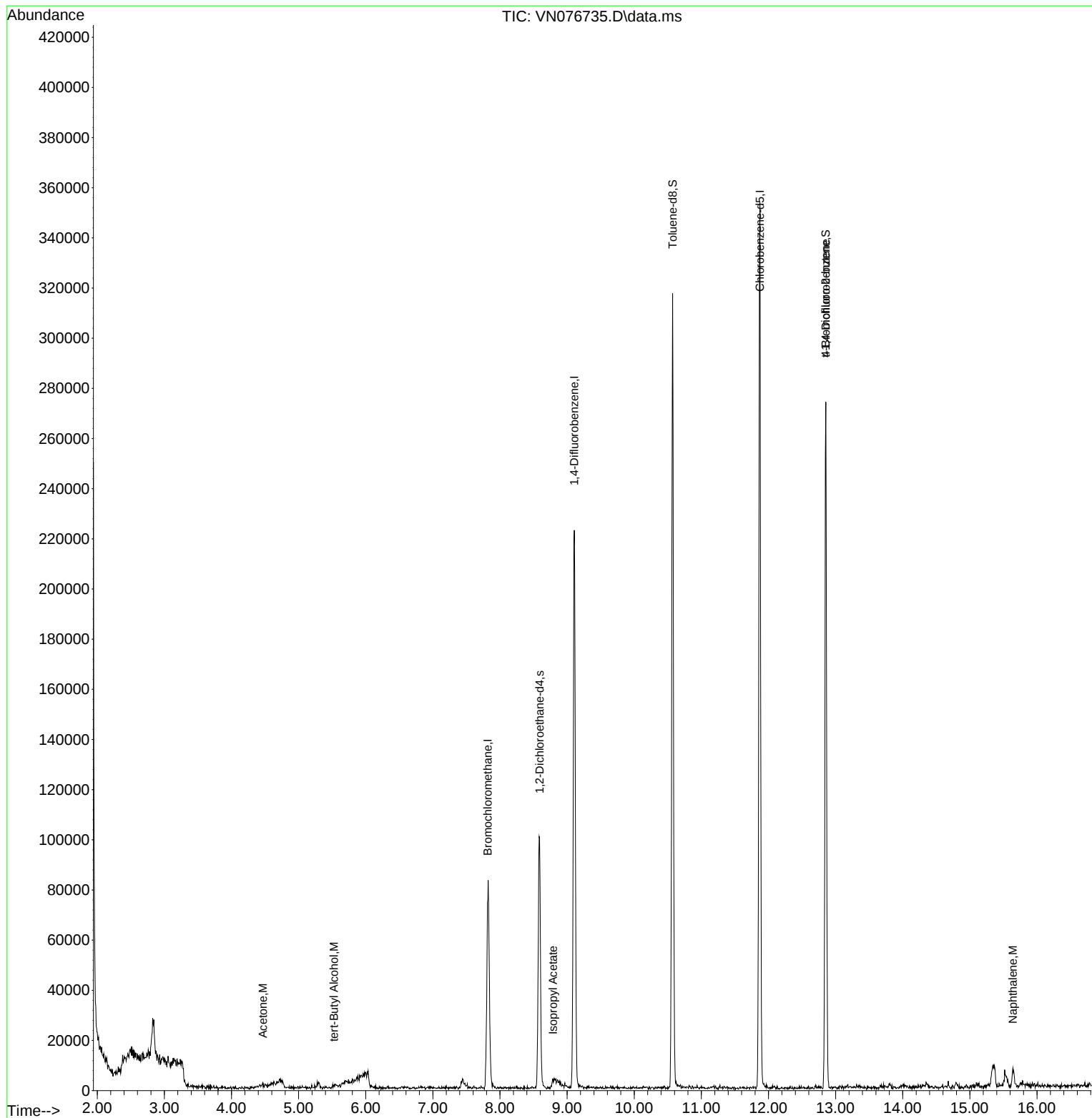
Internal Standards						
1) Bromochloromethane	7.819	128	27142	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	185899	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	196662	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	81028	32.640	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.800%
60) 4-Bromofluorobenzene	12.854	95	83471	23.996	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.000%
63) Toluene-d8	10.572	98	204127	29.633	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.767%
Target Compounds						
					Qvalue	
15) Acetone	4.466	58	229	0.420	ug/l #	1
23) tert-Butyl Alcohol	5.525	59	361	0.741	ug/l #	100
44) Isopropyl Acetate	8.789	43	1735	0.224	ug/l #	65
77) t-1,4-Dichloro-2-butene	12.854	75	48053	36.128	ug/l #	9
91) Naphthalene	15.642	128	7318	0.697	ug/l #	93

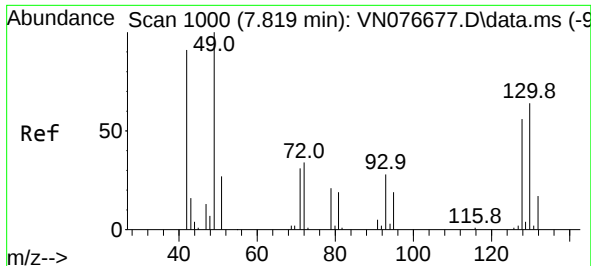
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076735.D
Acq On : 17 Feb 2023 15:28
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Feb 18 02:09:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Feb 16 01:08:46 2023
Response via : Initial Calibration

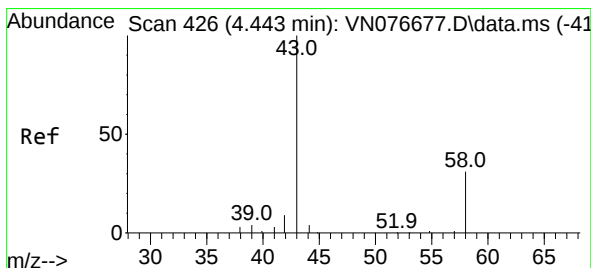
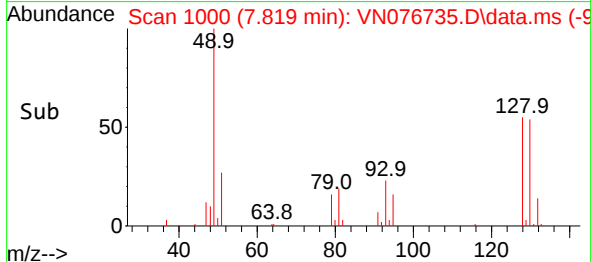
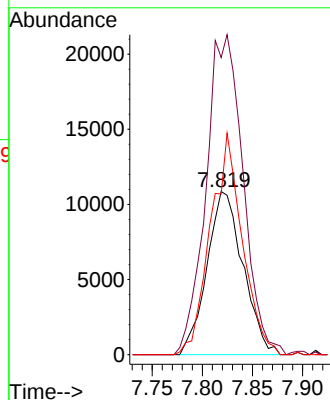
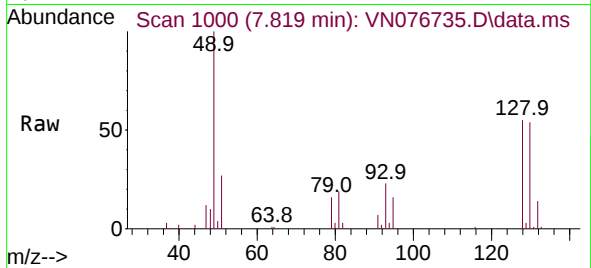




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

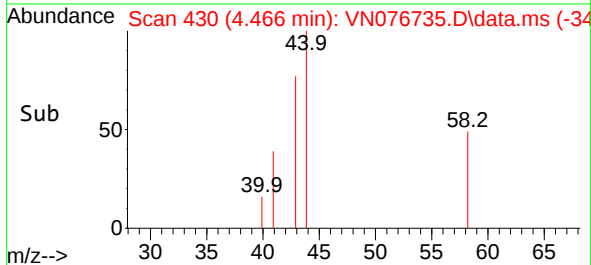
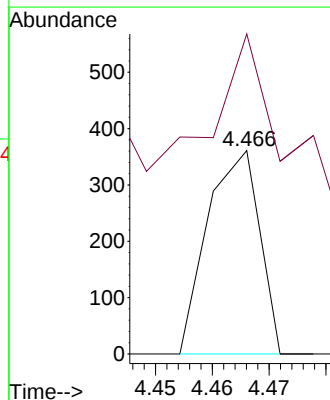
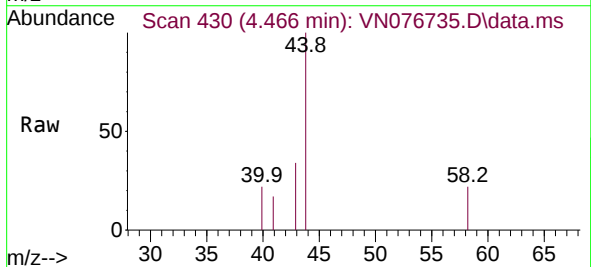
Instrument :
MSVOA_N
ClientSampleId :
IBLK

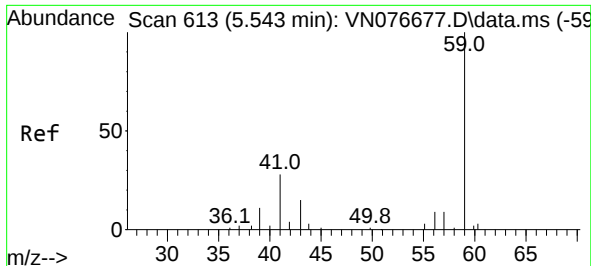
Tgt Ion:128 Resp: 27142
Ion Ratio Lower Upper
128 100
49 202.1 0.0 461.8
130 120.0 0.0 295.3



#15
Acetone
Concen: 0.420 ug/l
RT: 4.466 min Scan# 430
Delta R.T. 0.023 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

Tgt Ion: 58 Resp: 229
Ion Ratio Lower Upper
58 100
43 62.6 255.4 383.0#

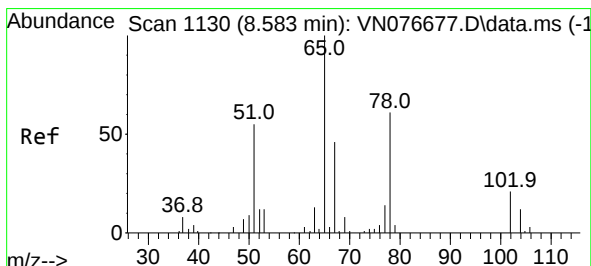
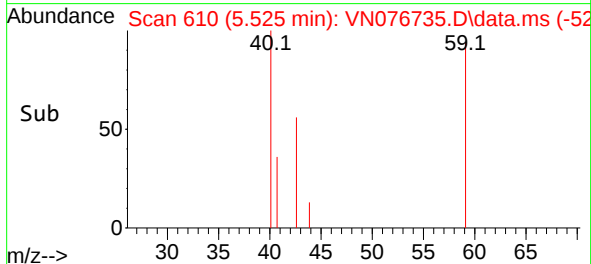
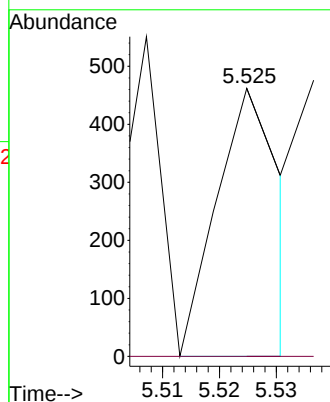
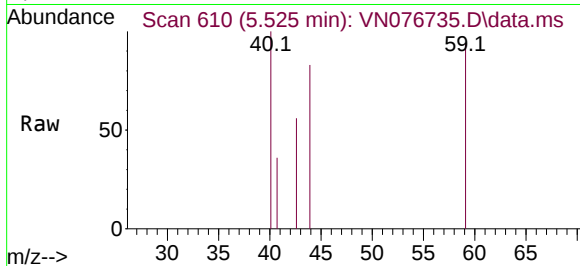




#23
tert-Butyl Alcohol
Concen: 0.741 ug/l
RT: 5.525 min Scan# 613
Delta R.T. -0.018 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

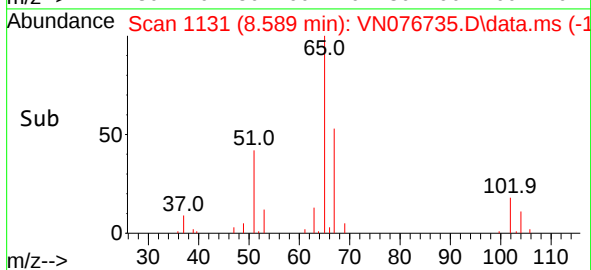
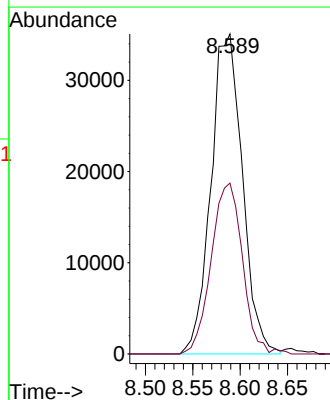
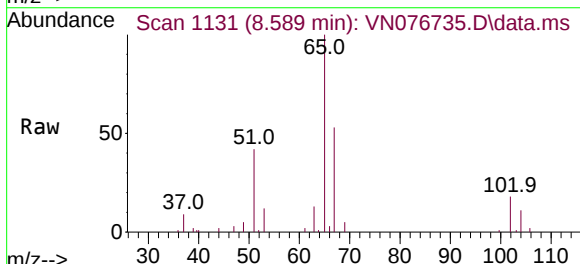
Instrument :
MSVOA_N
ClientSampleId :
IBLK

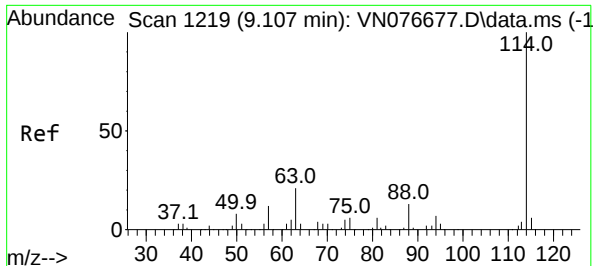
Tgt Ion: 59 Resp: 361
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#27
1,2-Dichloroethane-d4
Concen: 32.640 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

Tgt Ion: 65 Resp: 81028
Ion Ratio Lower Upper
65 100
67 52.6 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VN076735.D

Acq: 17 Feb 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

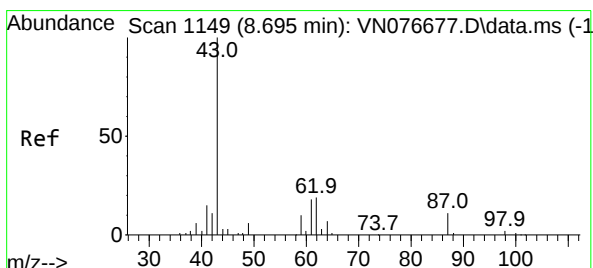
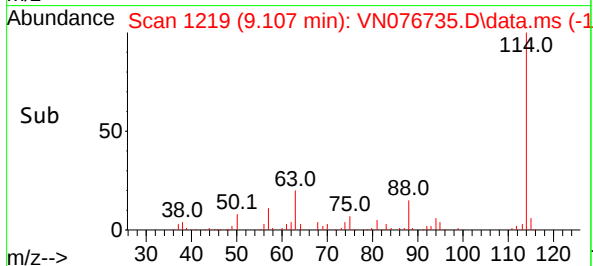
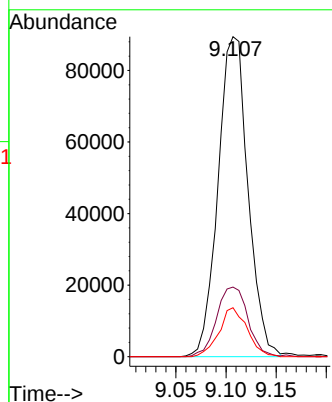
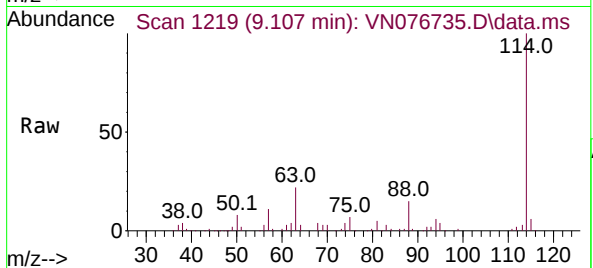
Tgt Ion:114 Resp: 185899

Ion Ratio Lower Upper

114 100

63 22.7 17.0 25.4

88 14.4 11.6 17.4



#44

Isopropyl Acetate

Concen: 0.224 ug/l

RT: 8.789 min Scan# 1165

Delta R.T. 0.094 min

Lab File: VN076735.D

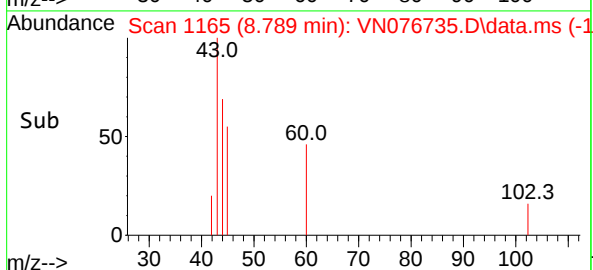
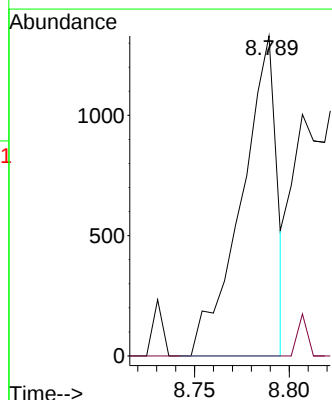
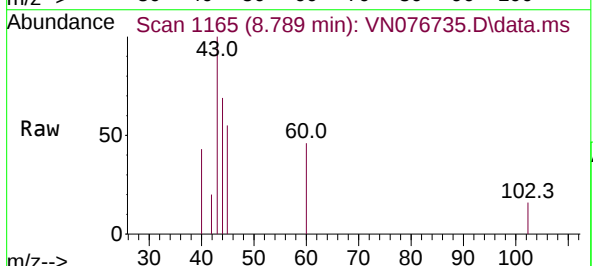
Acq: 17 Feb 2023 15:28

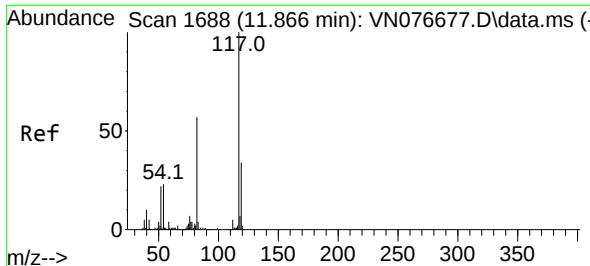
Tgt Ion: 43 Resp: 1735

Ion Ratio Lower Upper

43 100

61 7.3 19.5 29.3#

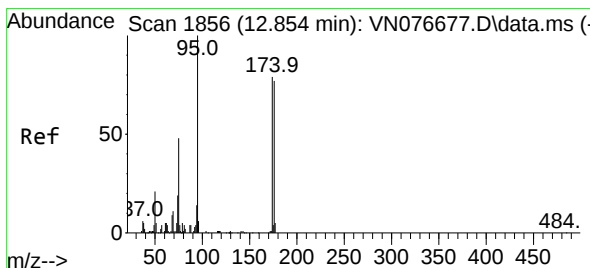
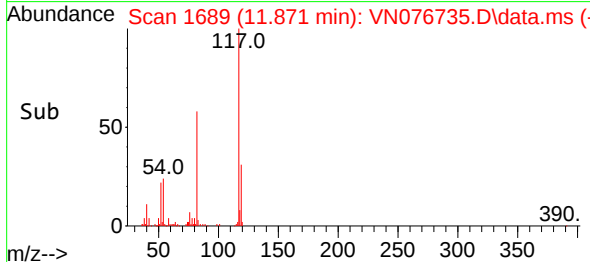
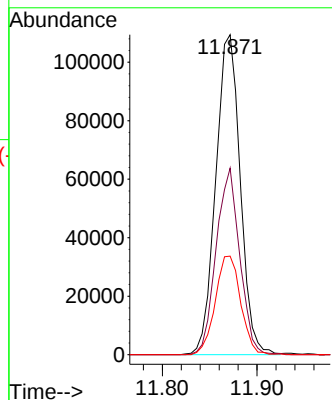
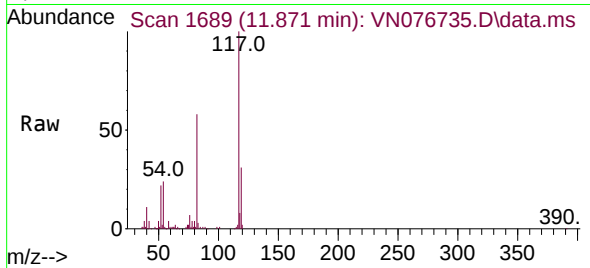




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 11871
Delta R.T. 0.006 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

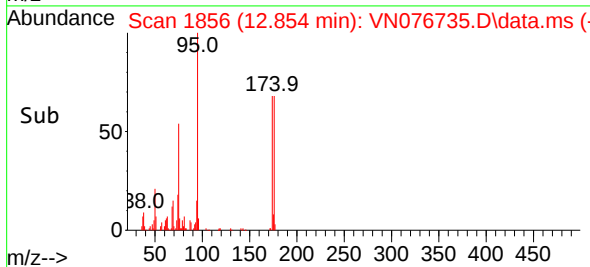
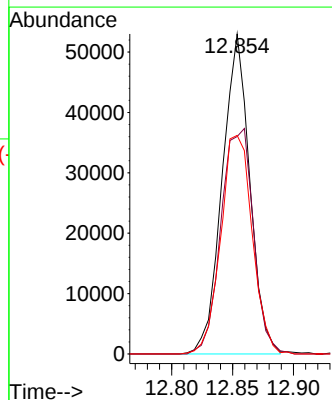
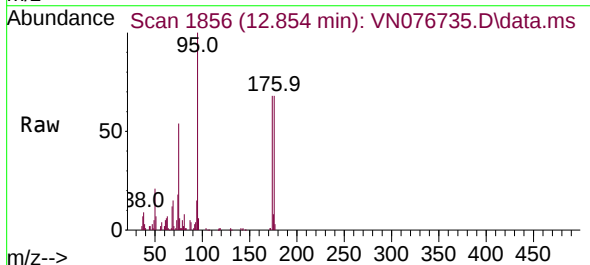
Instrument :
MSVOA_N
ClientSampleId :
IBLK

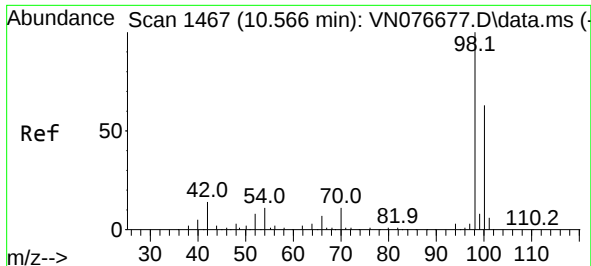
Tgt Ion:117 Resp: 196662
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 31.9 26.8 40.2



#60
4-Bromofluorobenzene
Concen: 23.996 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

Tgt Ion: 95 Resp: 83471
Ion Ratio Lower Upper
95 100
174 82.5 64.2 96.4
176 78.3 61.4 92.0

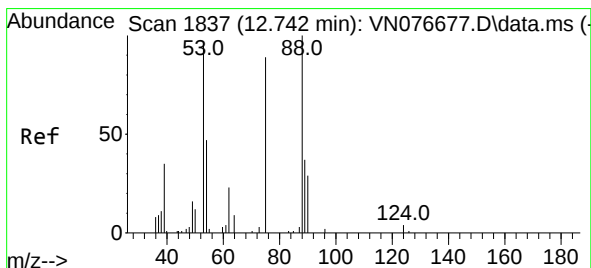
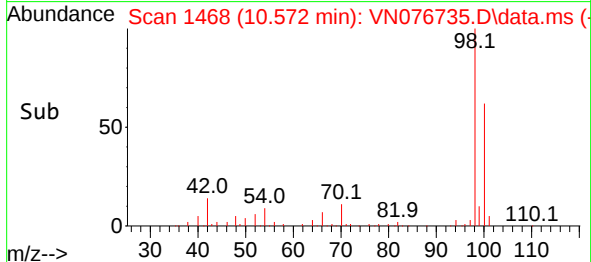
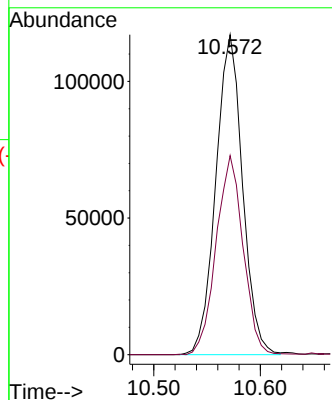
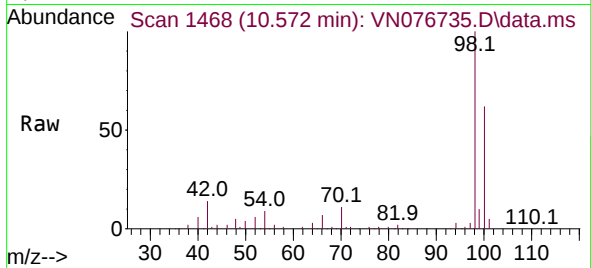




#63
Toluene-d8
Concen: 29.633 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

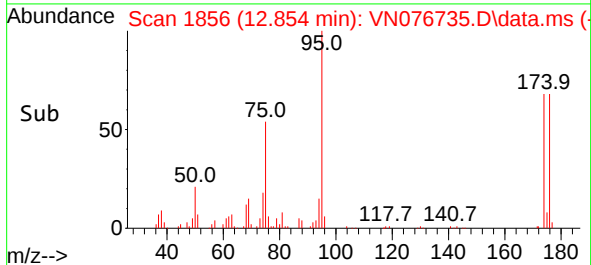
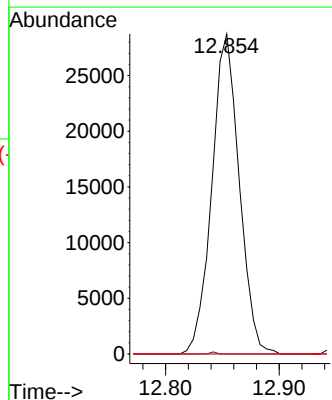
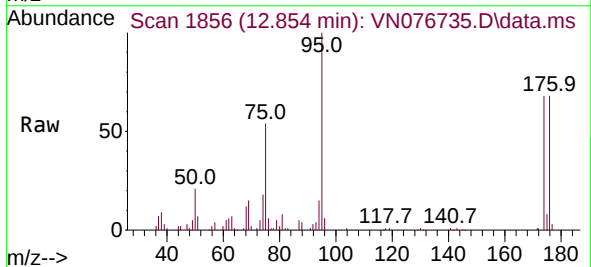
Instrument :
MSVOA_N
ClientSampleId :
IBLK

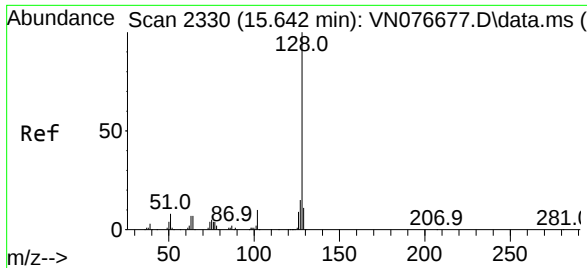
Tgt Ion: 98 Resp: 204127
Ion Ratio Lower Upper
98 100
100 62.8 53.8 80.6



#77
t-1,4-Dichloro-2-butene
Concen: 36.128 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

Tgt Ion: 75 Resp: 48053
Ion Ratio Lower Upper
75 100
53 0.0 50.4 151.3#
89 0.0 22.1 66.5#





#91

Naphthalene

Concen: 0.697 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076735.D

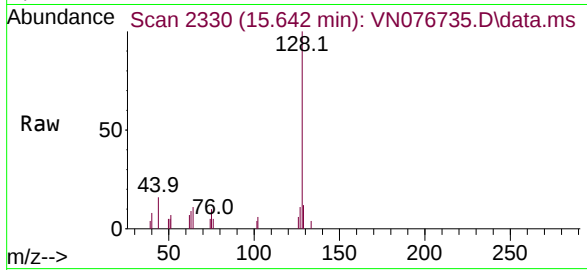
Acq: 17 Feb 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:	128	Resp:	7318
Ion Ratio	Lower	Upper	
128	100		
127	11.6	11.0	16.6
129	8.0	8.9	13.3#

