

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078379.D
 Acq On : 23 Jun 2023 15:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 24 01:21:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

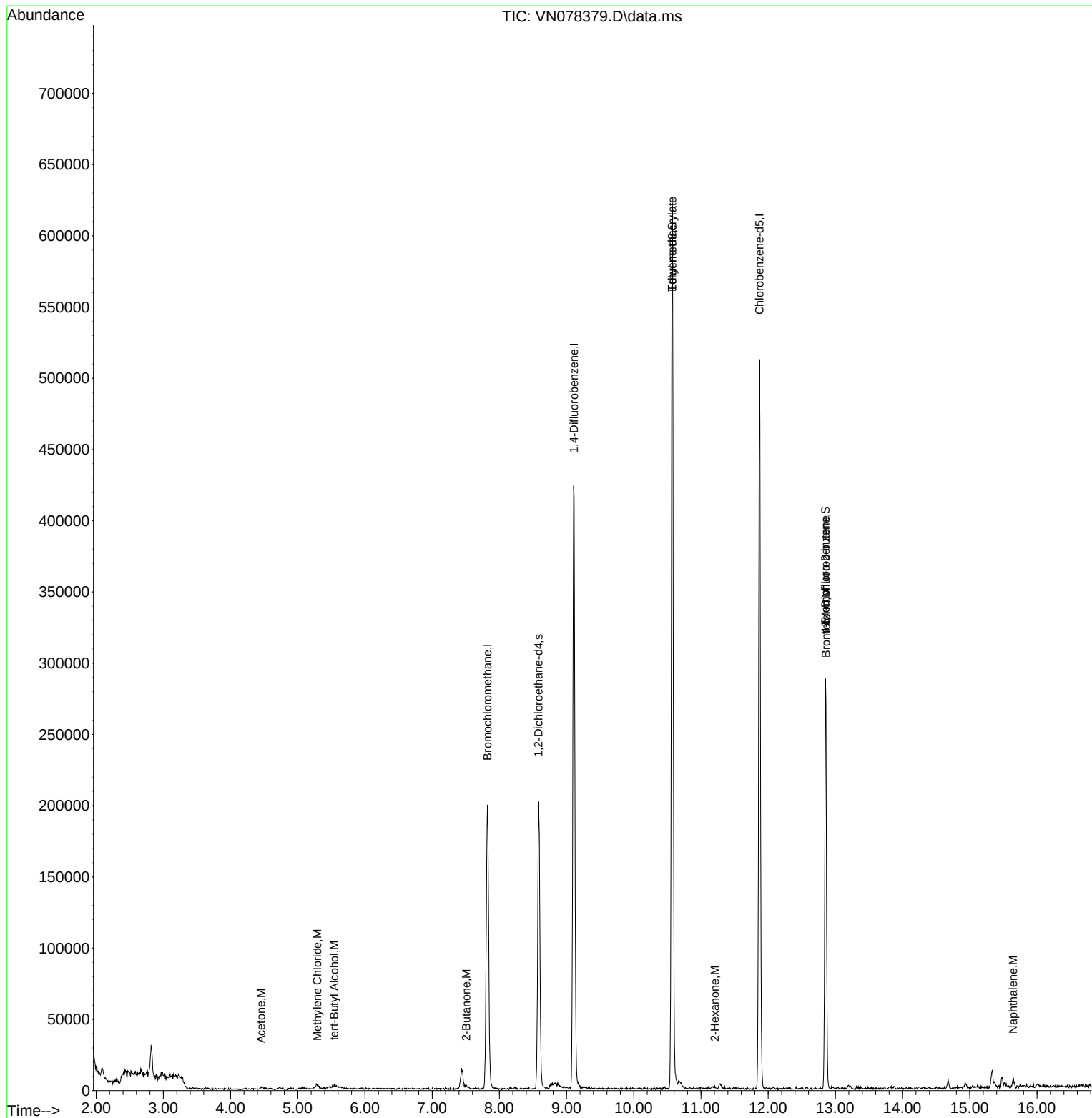
Internal Standards						
1) Bromochloromethane	7.824	128	72540	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	376741	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	309426	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	166620	30.502	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.667%
60) 4-Bromofluorobenzene	12.853	95	98507	22.596	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.333%
63) Toluene-d8	10.571	98	458352	30.572	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.900%
Target Compounds						
					Qvalue	
15) Acetone	4.453	58	435	0.888	ug/l #	1
18) Methylene Chloride	5.289	84	2603	0.537	ug/l #	37
23) tert-Butyl Alcohol	5.542	59	678	1.056	ug/l #	100
30) 2-Butanone	7.506	43	1671	0.816	ug/l #	90
51) Ethyl methacrylate	10.571	69	1615	0.280	ug/l	93
56) Bromoform	12.859	173	634	0.231	ug/l #	1
59) 2-Hexanone	11.206	43	590	0.207	ug/l #	31
77) t-1,4-Dichloro-2-butene	12.853	75	53120	36.725	ug/l #	15
91) Naphthalene	15.647	128	3912	0.631	ug/l #	82

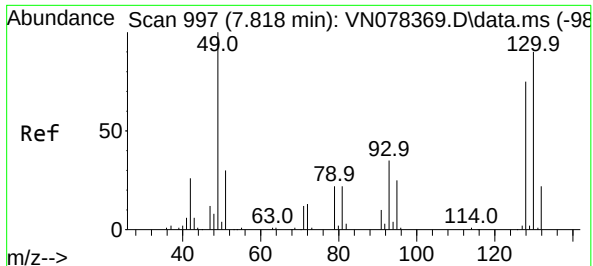
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
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Instrument :
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IBLK

Quant Time: Jun 24 01:21:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 24 00:59:50 2023
Response via : Initial Calibration

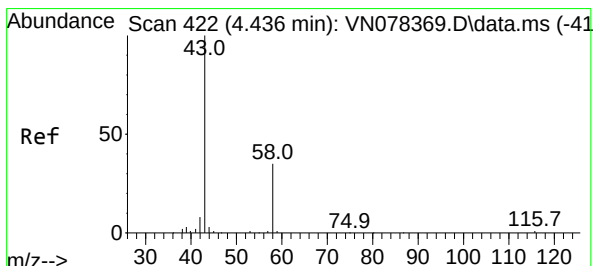
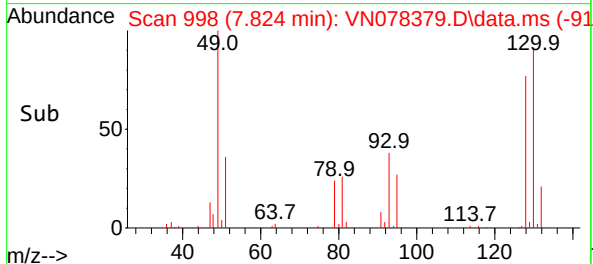
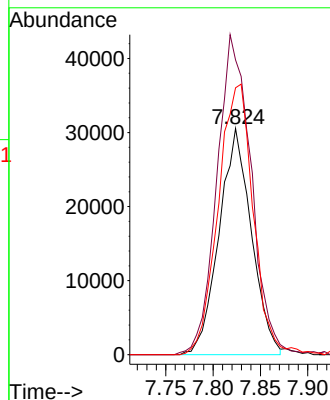
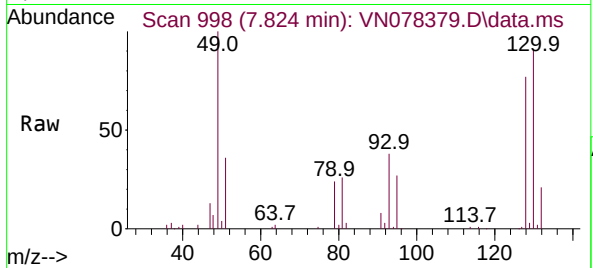




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

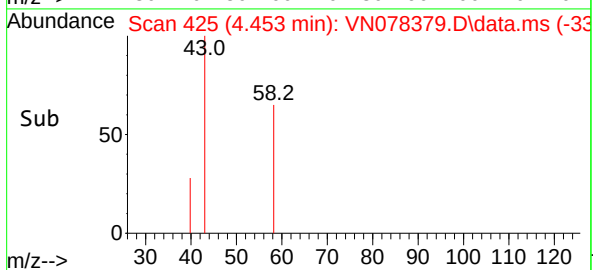
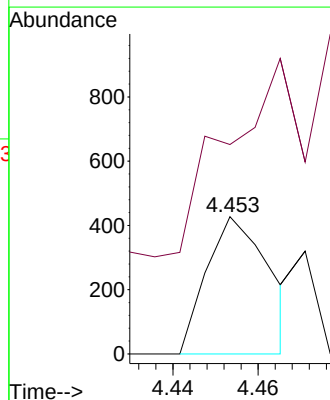
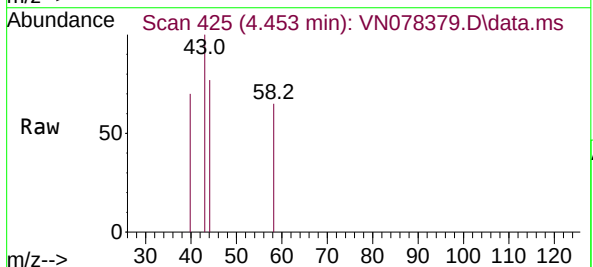
Instrument :
MSVOA_N
ClientSampleId :
IBLK

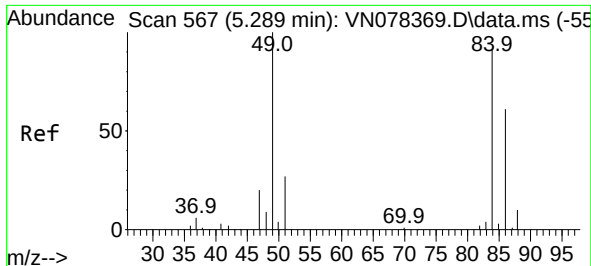
Tgt Ion:128 Resp: 72540
Ion Ratio Lower Upper
128 100
49 149.5 0.0 370.8
130 128.5 0.0 307.0



#15
Acetone
Concen: 0.888 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

Tgt Ion: 58 Resp: 435
Ion Ratio Lower Upper
58 100
43 78.7 227.5 341.3#

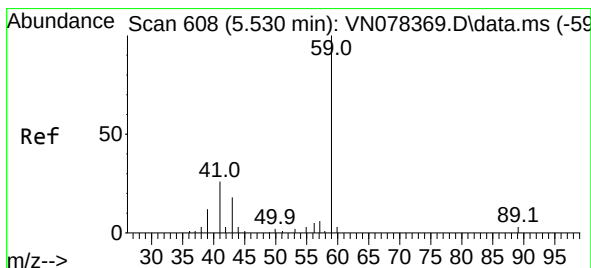
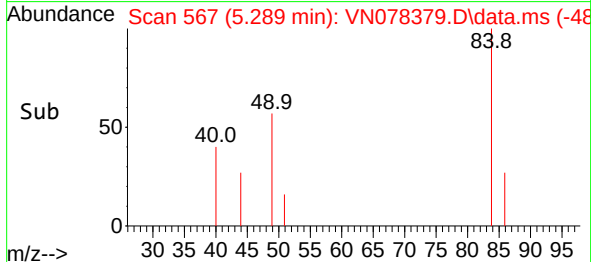
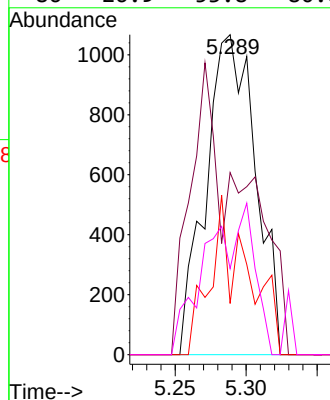
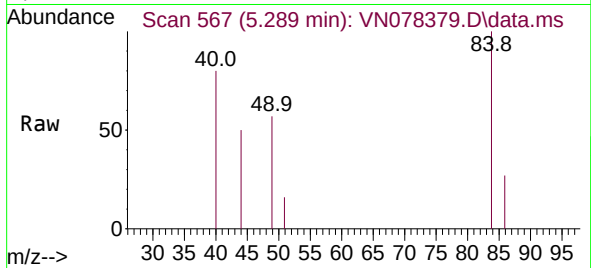




#18
Methylene Chloride
Concen: 0.537 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

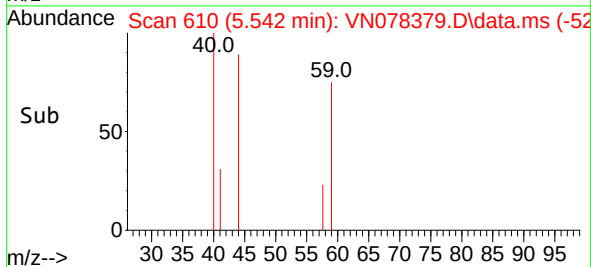
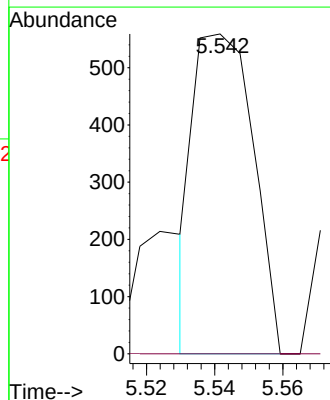
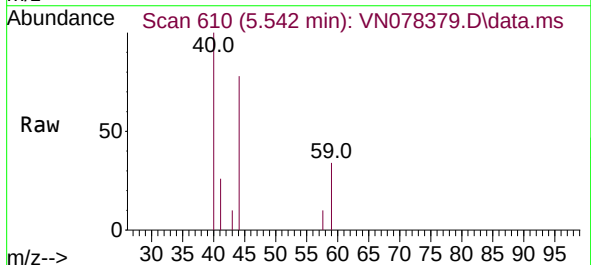
Instrument :
MSVOA_N
ClientSampleId :
IBLK

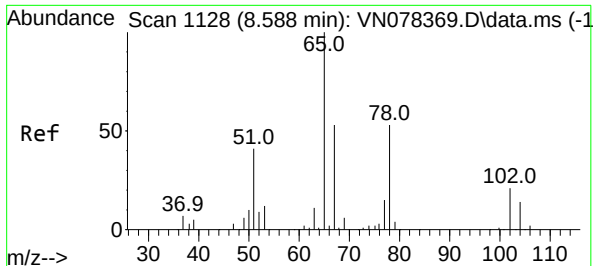
Tgt Ion:	84	Resp:	2603
Ion	Ratio	Lower	Upper
84	100		
49	24.5	88.1	132.1#
51	16.0	24.0	36.0#
86	26.9	53.8	80.8#



#23
tert-Butyl Alcohol
Concen: 1.056 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

Tgt Ion:	59	Resp:	678
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.1	0.1#





#27

1,2-Dichloroethane-d4

Concen: 30.502 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN078379.D

Acq: 23 Jun 2023 15:39

Instrument :

MSVOA_N

ClientSampleId :

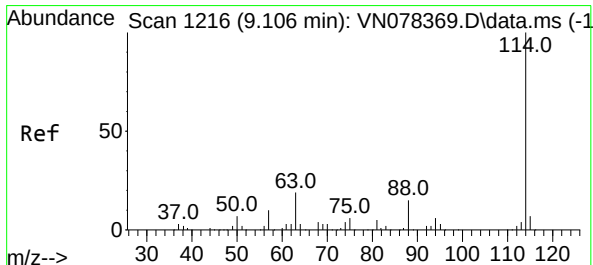
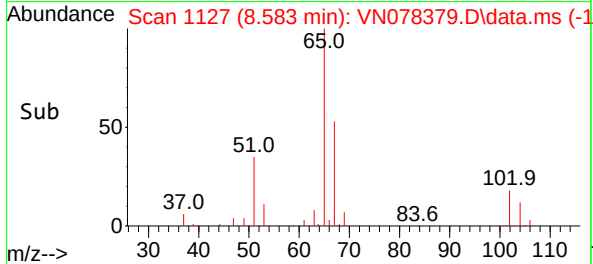
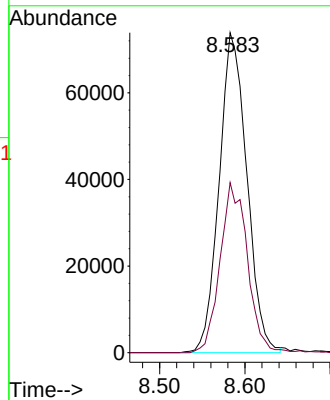
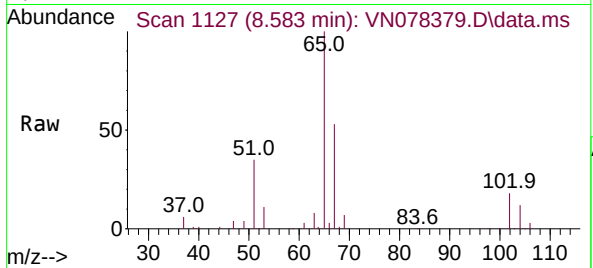
IBLK

Tgt Ion: 65 Resp: 166620

Ion Ratio Lower Upper

65 100

67 52.3 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078379.D

Acq: 23 Jun 2023 15:39

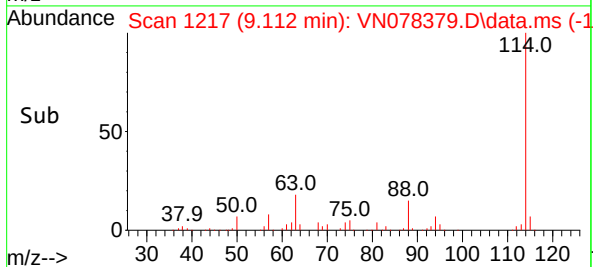
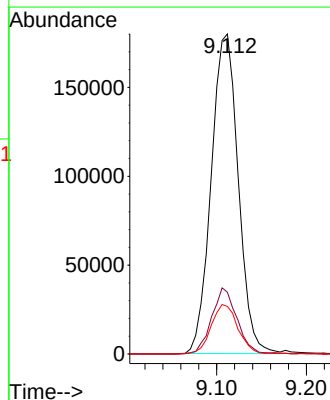
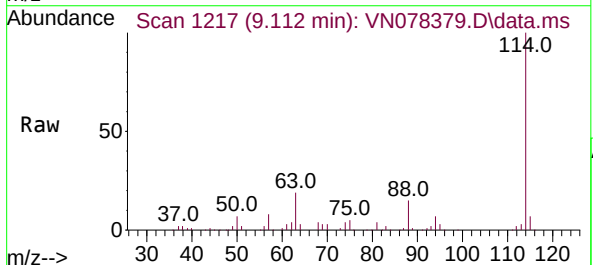
Tgt Ion: 114 Resp: 376741

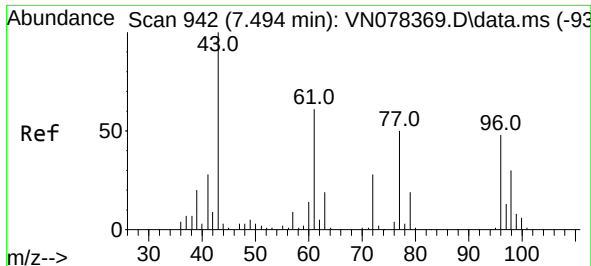
Ion Ratio Lower Upper

114 100

63 19.2 15.2 22.8

88 15.3 12.5 18.7

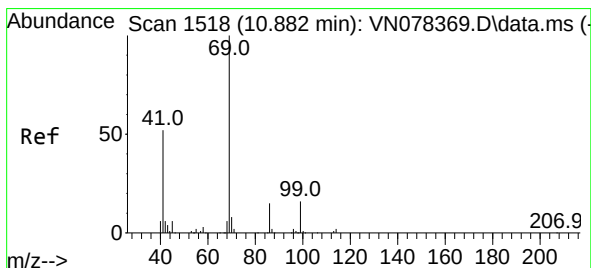
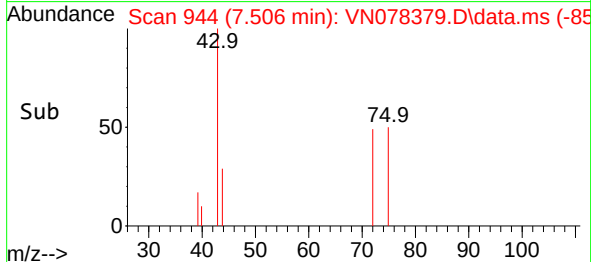
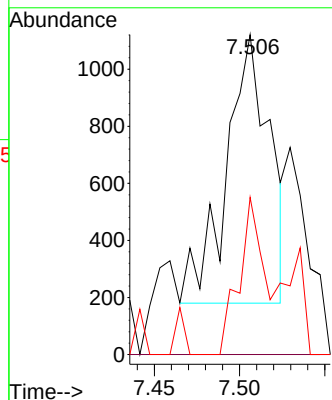
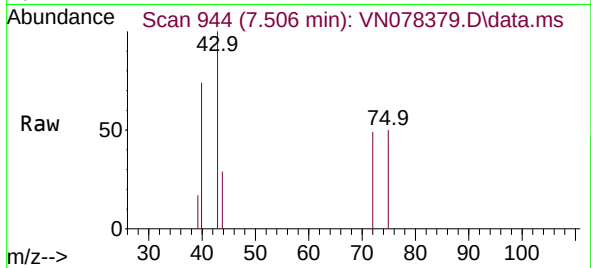




#30
2-Butanone
Concen: 0.816 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

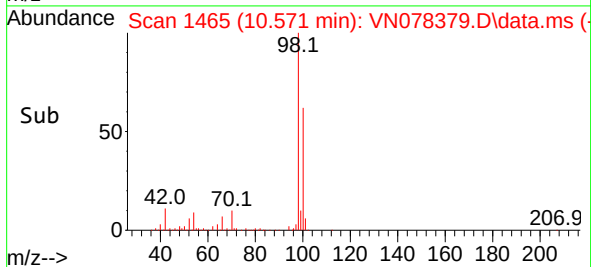
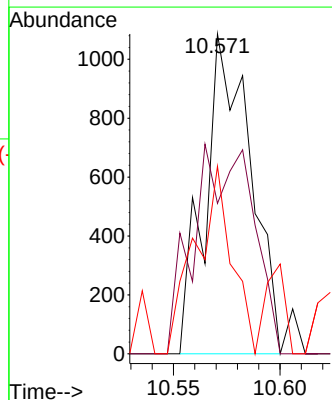
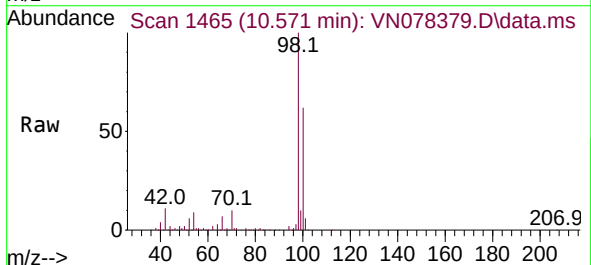
Instrument :
MSVOA_N
ClientSampleId :
IBLK

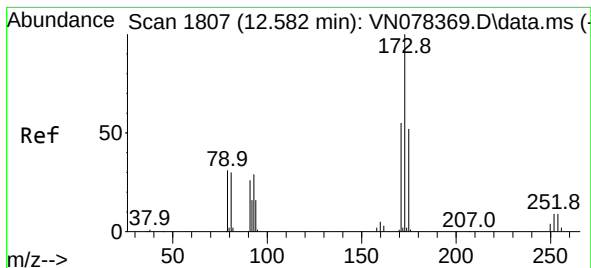
Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
57 0.0 6.8 10.2#
72 32.7 23.8 35.6



#51
Ethyl methacrylate
Concen: 0.280 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.312 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

Tgt Ion: 69 Resp: 1615
Ion Ratio Lower Upper
69 100
41 47.1 26.0 78.0
39 36.0 16.3 48.9





#56

Bromoform

Concen: 0.231 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.277 min

Lab File: VN078379.D

Acq: 23 Jun 2023 15:39

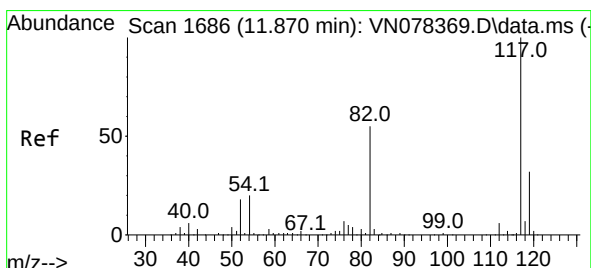
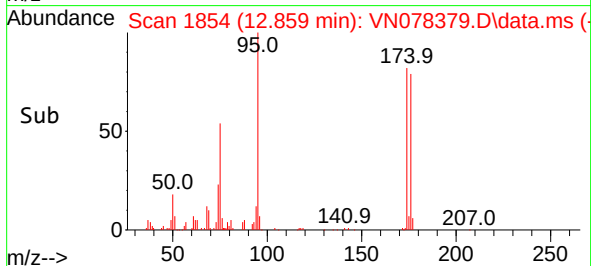
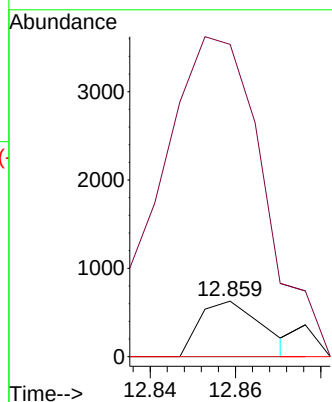
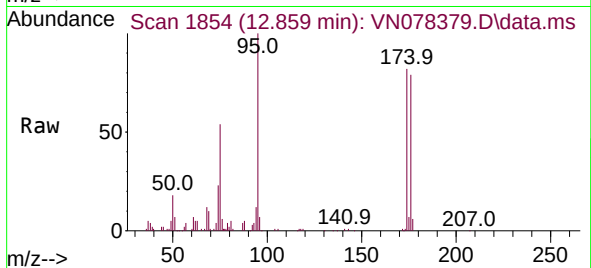
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	173	Resp:	634
Ion Ratio	Lower	Upper	
173	100		
175	979.2	40.7	61.1#
254	0.0	6.5	9.7#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

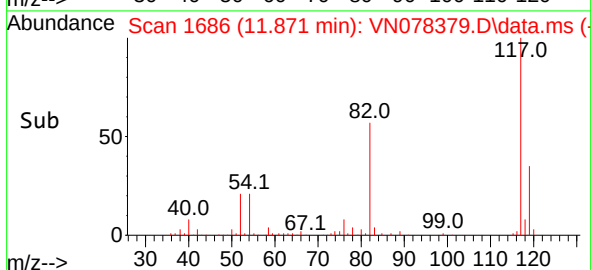
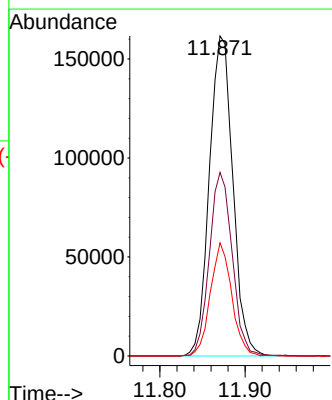
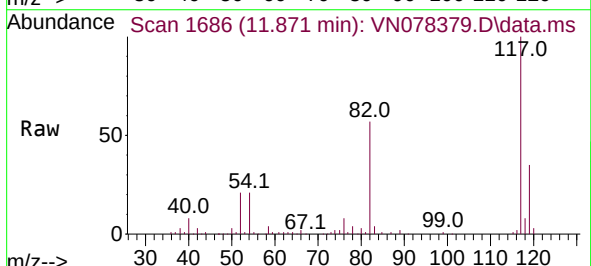
RT: 11.871 min Scan# 1686

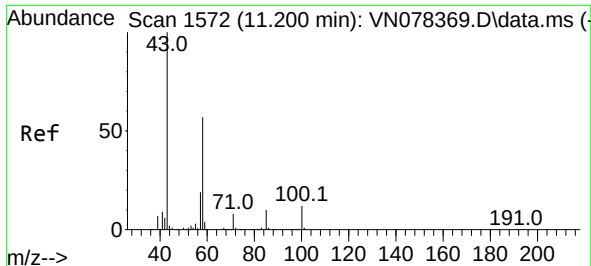
Delta R.T. 0.000 min

Lab File: VN078379.D

Acq: 23 Jun 2023 15:39

Tgt Ion:	117	Resp:	309426
Ion Ratio	Lower	Upper	
117	100		
82	55.7	43.9	65.9
119	32.1	26.2	39.4

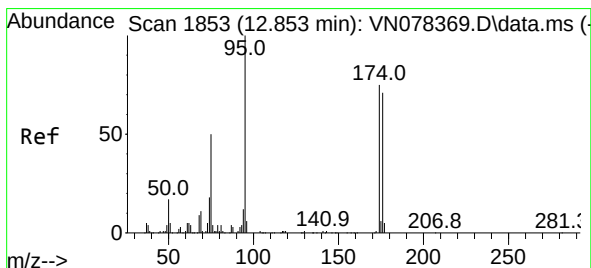
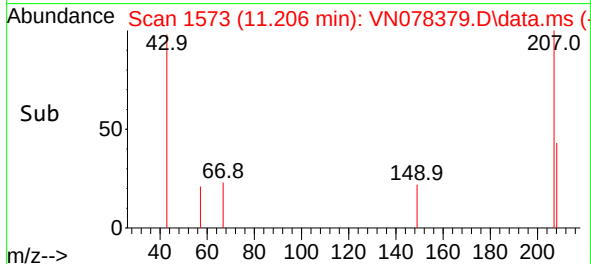
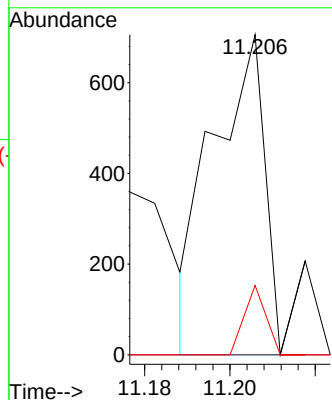
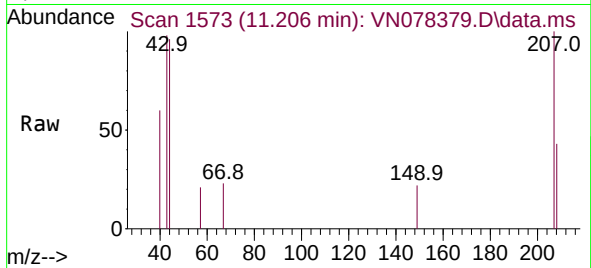




#59
2-Hexanone
Concen: 0.207 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

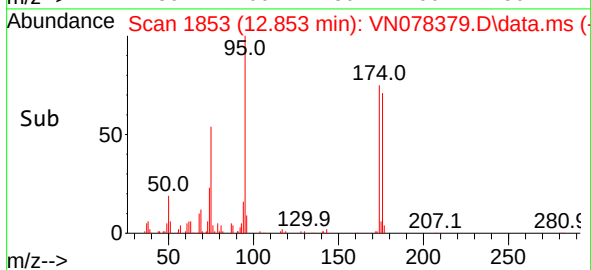
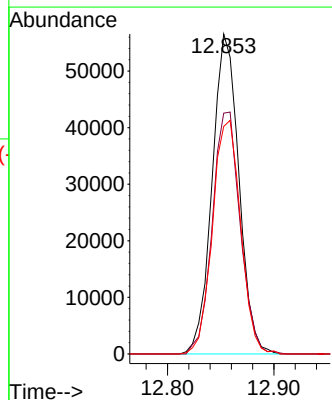
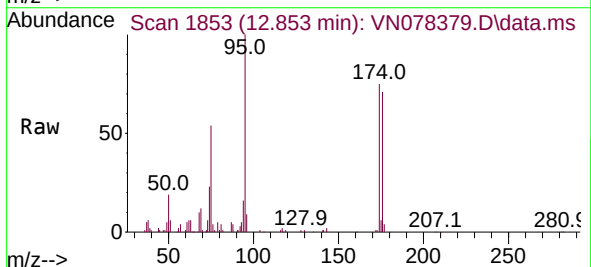
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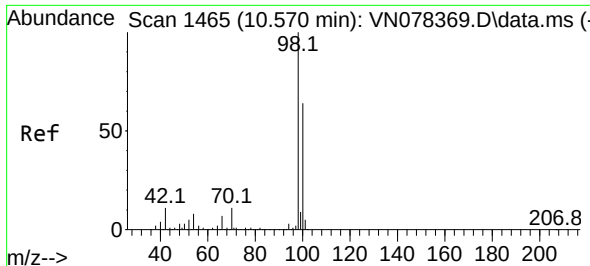
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 0.0 45.9 68.9#
57 0.0 15.8 23.6#



#60
4-Bromofluorobenzene
Concen: 22.596 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

Tgt Ion: 95 Resp: 98507
Ion Ratio Lower Upper
95 100
174 78.8 61.7 92.5
176 76.7 58.1 87.1

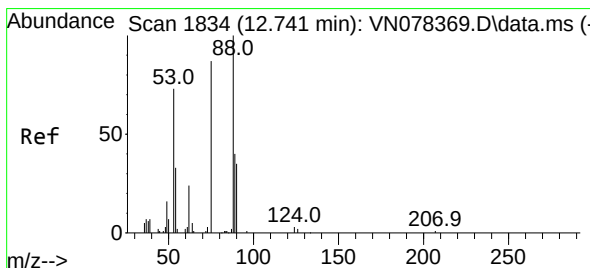
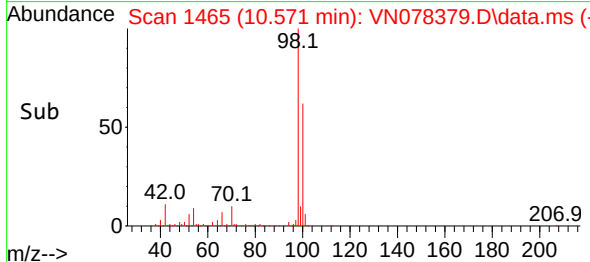
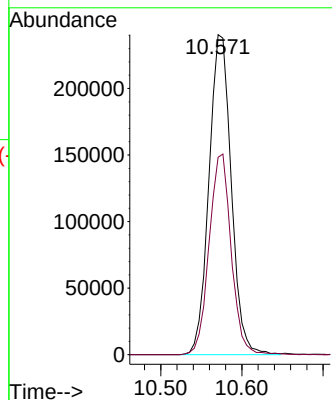
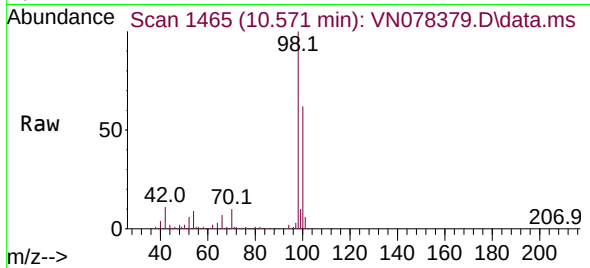




#63
Toluene-d8
Concen: 30.572 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

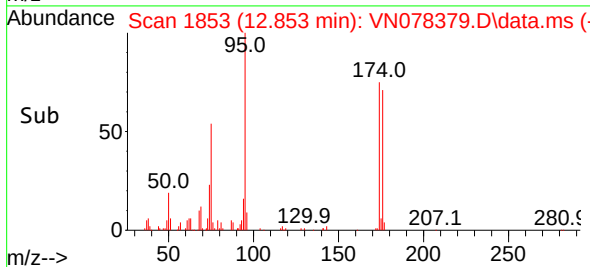
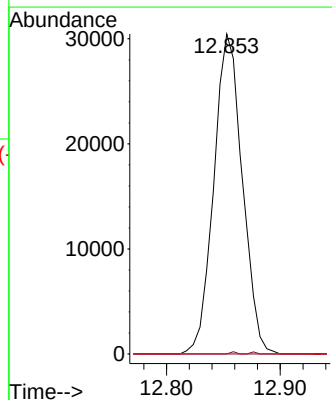
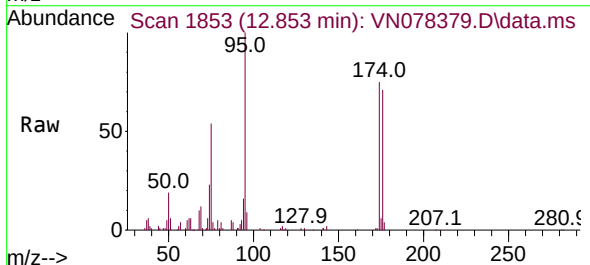
Instrument :
MSVOA_N
ClientSampleId :
IBLK

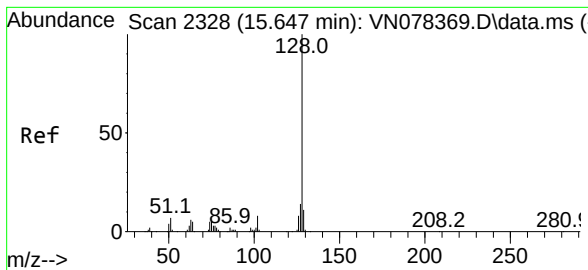
Tgt Ion: 98 Resp: 458352
Ion Ratio Lower Upper
98 100
100 62.1 49.7 74.5



#77
t-1,4-Dichloro-2-butene
Concen: 36.725 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

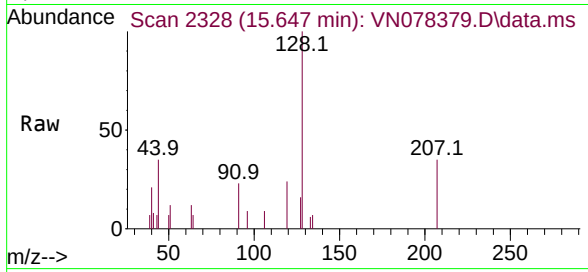
Tgt Ion: 75 Resp: 53120
Ion Ratio Lower Upper
75 100
53 0.0 41.6 124.9#
89 0.0 25.1 75.4#





#91
Naphthalene
Concen: 0.631 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078379.D
Acq: 23 Jun 2023 15:39

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	3912
Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.2	15.2#
129	0.0	9.0	13.4#

