

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075061.D
 Acq On : 28 Oct 2022 15:24
 Operator : JC\MD
 Sample : N5315-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 221026025-02-TRIP-BLANK

Quant Time: Oct 31 01:51:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Bromochloromethane	7.818	128	12741	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	69587	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	58657	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	37948	32.574	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	= 108.567%		
60) 4-Bromofluorobenzene	12.847	95	30022	26.049	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	= 86.833%		
63) Toluene-d8	10.571	98	104588	31.880	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	= 106.267%		
						Qvalue
15) Acetone	4.459	58	1525m	10.684	ug/l	
25) Chloroform	7.971	83	1795	1.030	ug/l	94

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

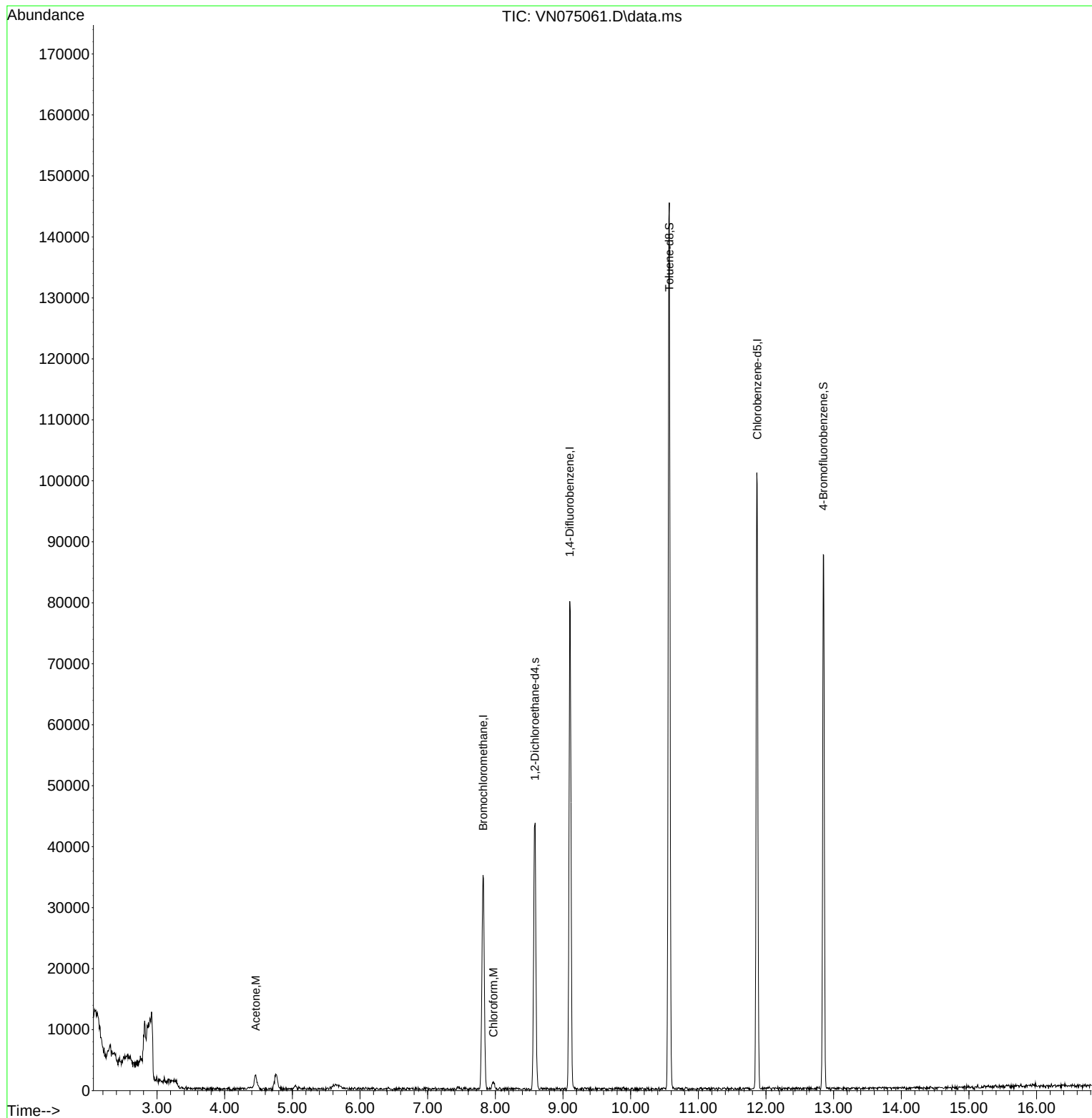
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
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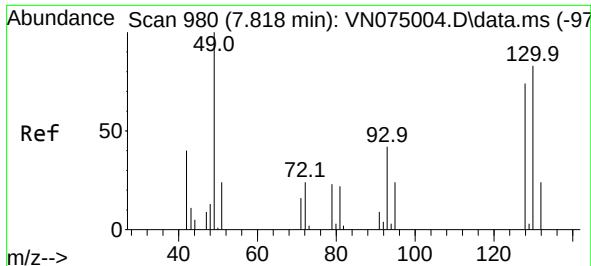
Instrument :
MSVOA_N
ClientSampleId :
221026025-02-TRIP-BLANK

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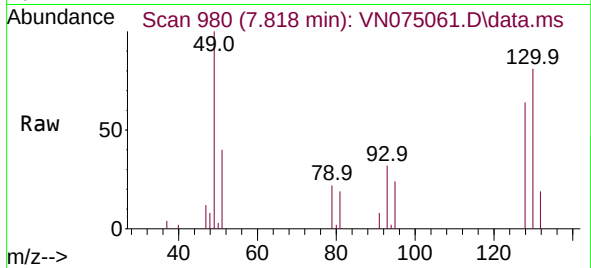
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075061.D
Acq: 28 Oct 2022 15:24

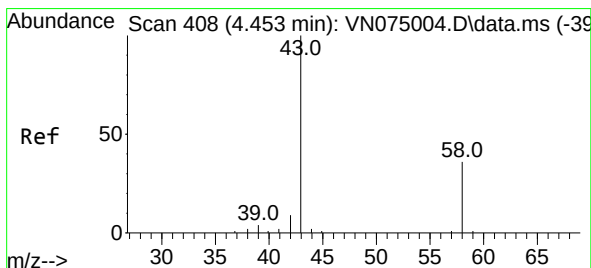
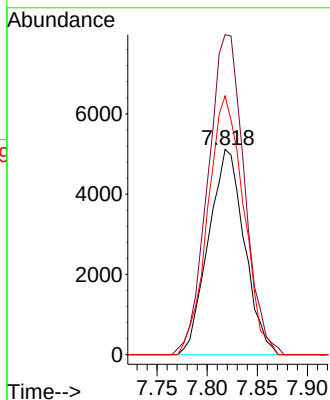
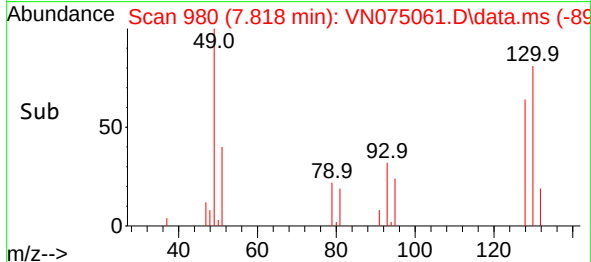
Instrument :
MSVOA_N
ClientSampleId :
221026025-02-TRIP-BLANK



Tgt Ion:128 Resp: 1274
Ion Ratio Lower Upper
128 100
49 158.3 0.0 392.3
130 126.0 0.0 320.2

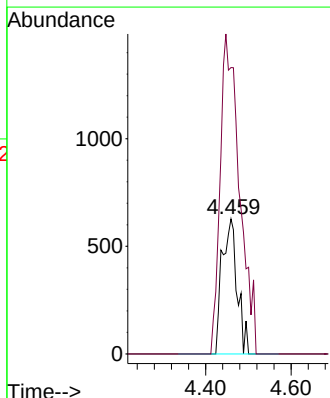
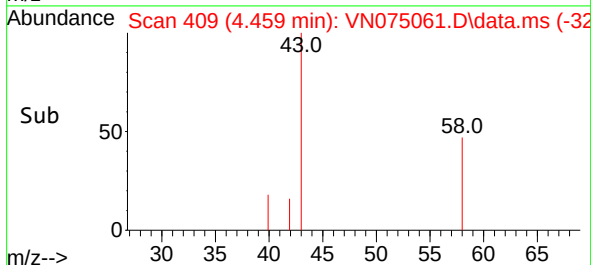
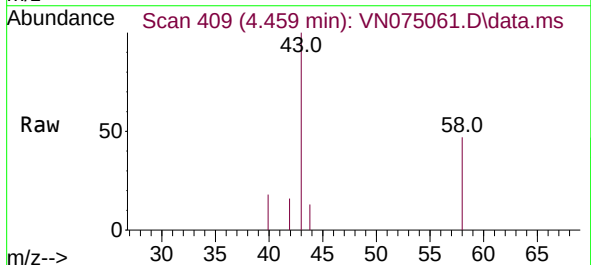
Manual Integrations
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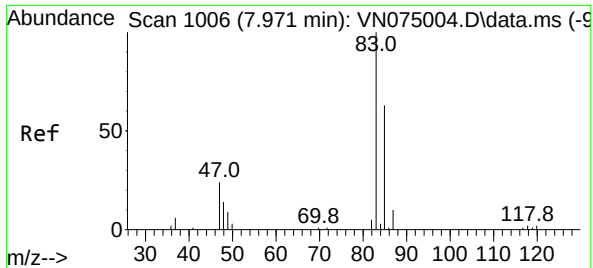
Reviewed By :John Carlone 10/31/2022
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#15
Acetone
Concen: 10.684 ug/l m
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN075061.D
Acq: 28 Oct 2022 15:24

Tgt Ion: 58 Resp: 1525
Ion Ratio Lower Upper
58 100
43 212.3 256.6 384.8#





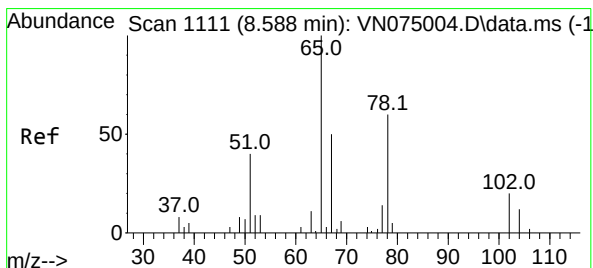
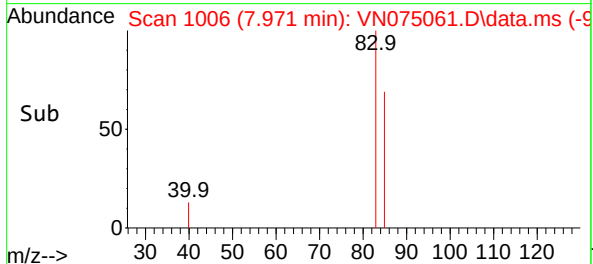
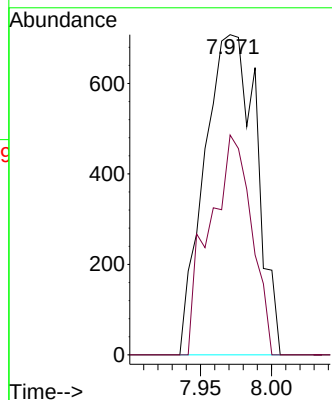
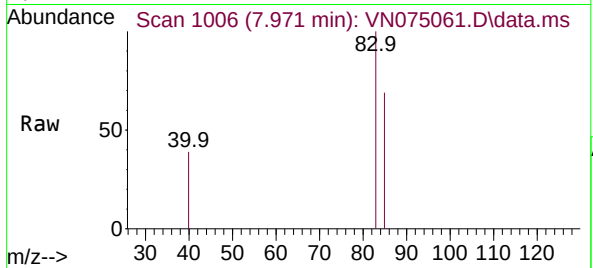
#25
Chloroform
Concen: 1.030 ug/l
RT: 7.971 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN075061.D
Acq: 28 Oct 2022 15:24

Instrument :
MSVOA_N
ClientSampleId :
221026025-02-TRIP-BLANK

Tgt Ion: 83 Resp: 1798
Ion Ratio Lower Upper
83 100
85 68.6 51.3 76.9

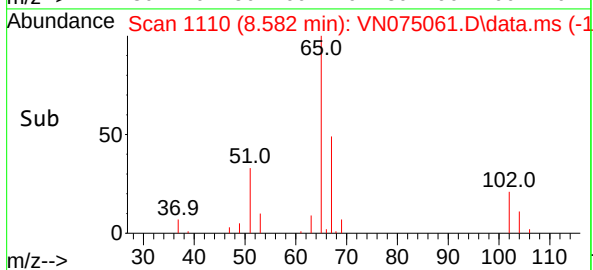
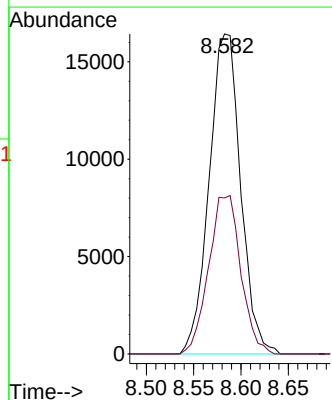
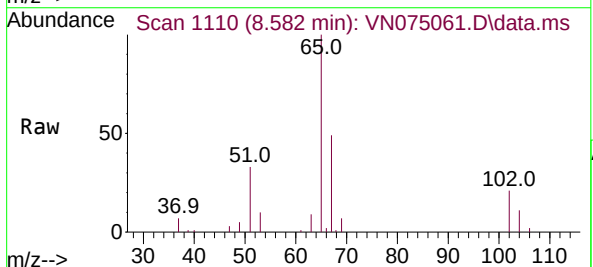
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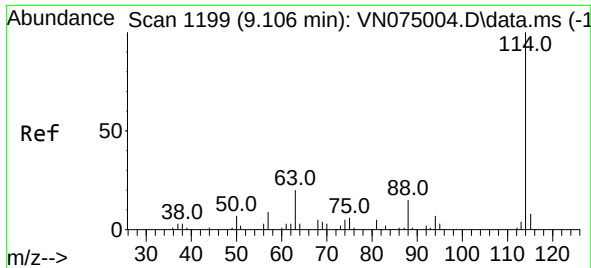
Reviewed By :John Carlone 10/31/2022
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#27
1,2-Dichloroethane-d4
Concen: 32.574 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075061.D
Acq: 28 Oct 2022 15:24

Tgt Ion: 65 Resp: 37948
Ion Ratio Lower Upper
65 100
67 50.6 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075061.D

Acq: 28 Oct 2022 15:24

Instrument :

MSVOA_N

ClientSampleId :

221026025-02-TRIP-BLANK

Tgt Ion:114 Resp: 6958

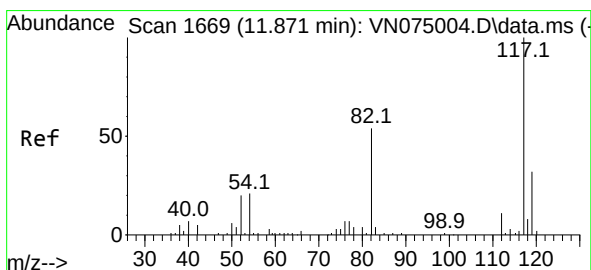
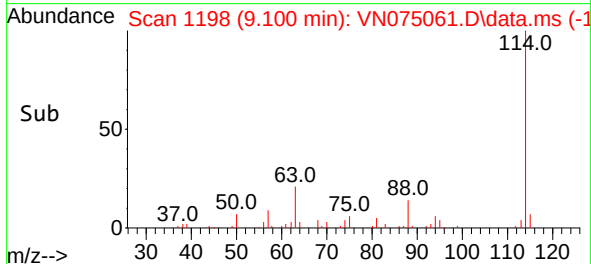
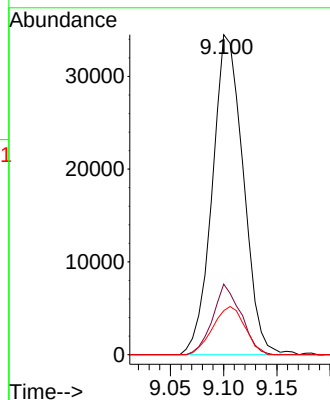
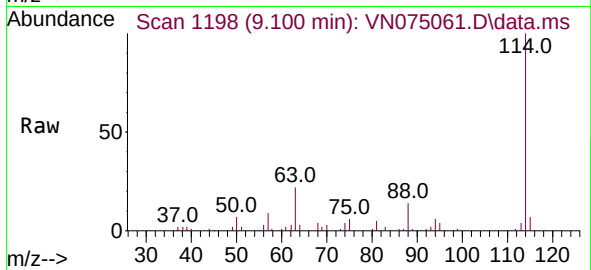
Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.8	23.6
88	15.7	11.6	17.4

Manual Integrations

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1669

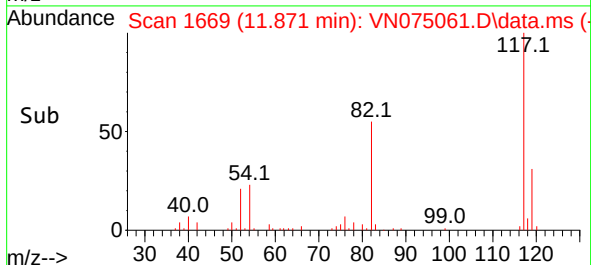
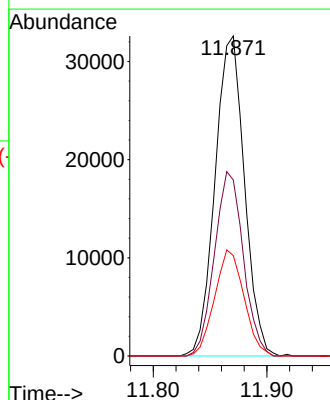
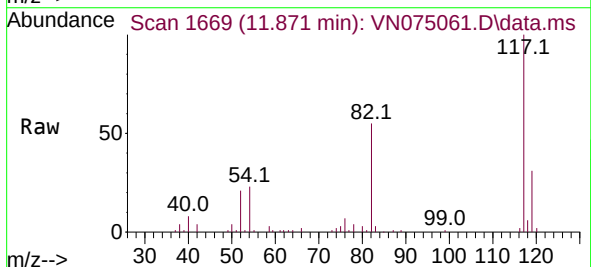
Delta R.T. -0.000 min

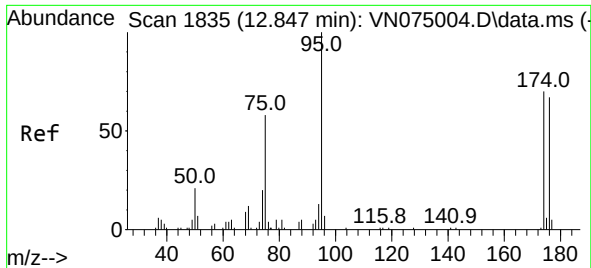
Lab File: VN075061.D

Acq: 28 Oct 2022 15:24

Tgt Ion:117 Resp: 58657

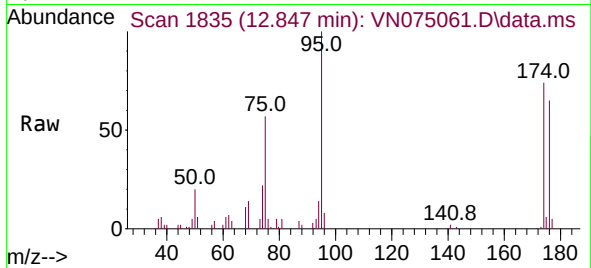
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.6	65.4
119	33.0	25.8	38.6





#60
4-Bromofluorobenzene
Concen: 26.049 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075061.D
Acq: 28 Oct 2022 15:24

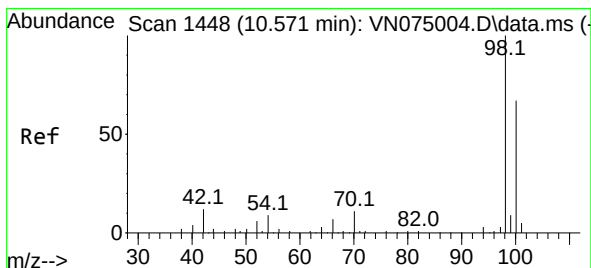
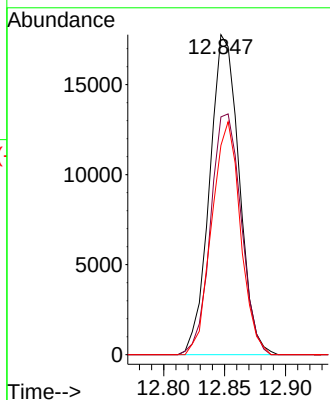
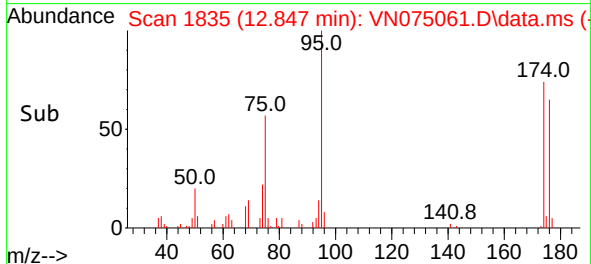
Instrument :
MSVOA_N
ClientSampleId :
221026025-02-TRIP-BLANK



Tgt Ion: 95 Resp: 3002
Ion Ratio Lower Upper
95 100
174 77.5 62.9 94.3
176 70.7 61.0 91.4

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#63
Toluene-d8
Concen: 31.880 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075061.D
Acq: 28 Oct 2022 15:24

Tgt Ion: 98 Resp: 104588
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

