

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069609.D
 Acq On : 22 Nov 2021 14:55
 Operator : JC/MD
 Sample : M4697-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 03:51:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	164723	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	914318	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	776187	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	458636	32.104	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.000%			
60) 4-Bromofluorobenzene	12.734	95	285085	22.952	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 76.500%			
63) Toluene-d8	10.443	98	1121459	31.292	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.300%			
Target Compounds						
15) Acetone	4.291	58	6084m	2.823	ug/l	Qvalue
25) Chloroform	7.820	83	2421564	123.140	ug/l	100
41) Bromodichloromethane	9.765	83	123409	8.733	ug/l #	94
53) Dibromochloromethane	11.232	129	3453	0.338	ug/l	98

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

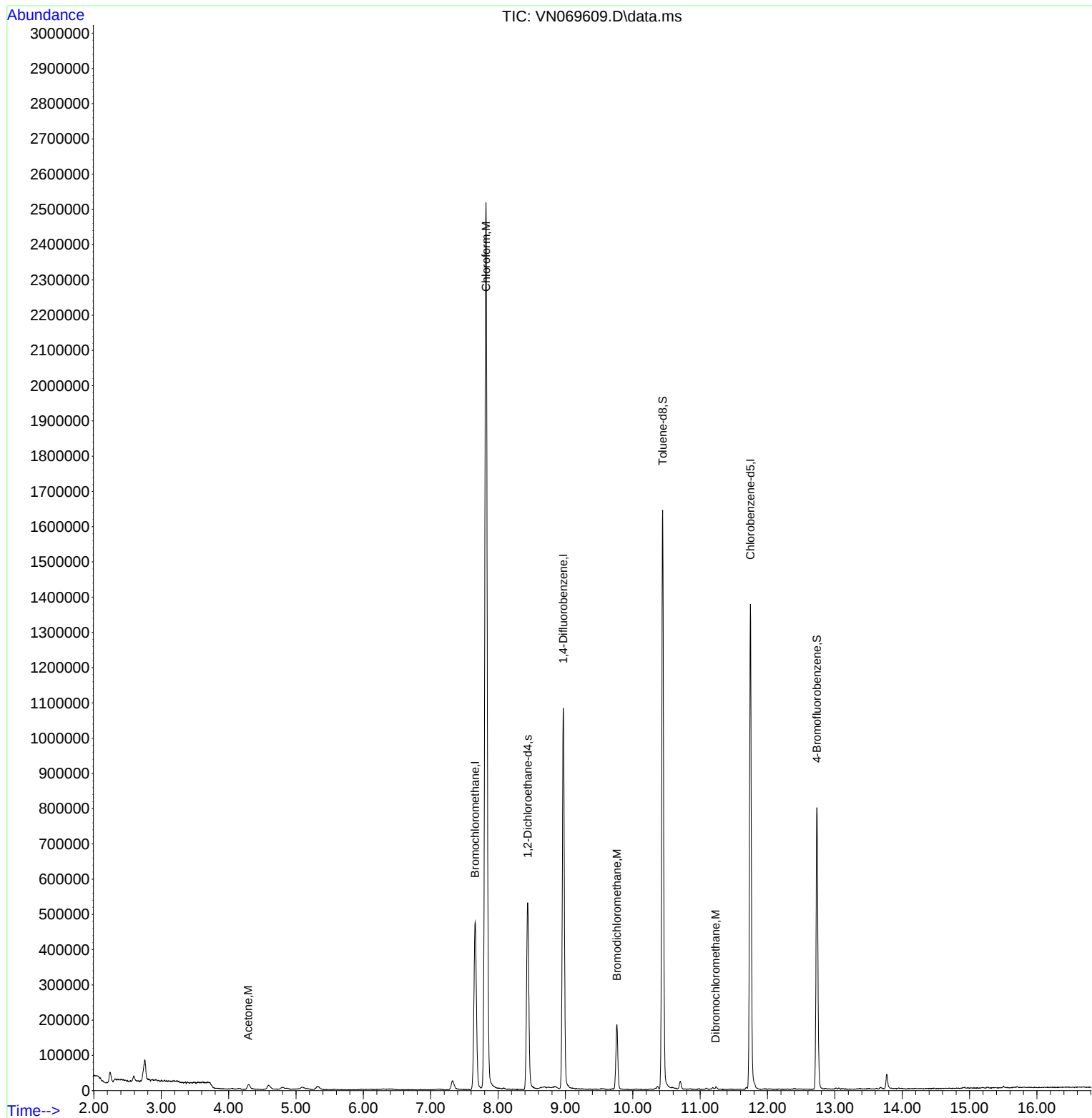
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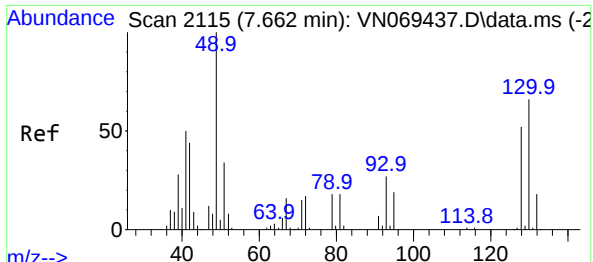
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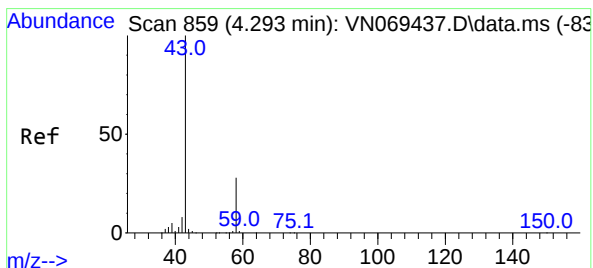
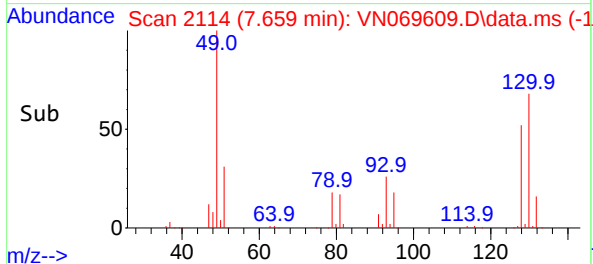
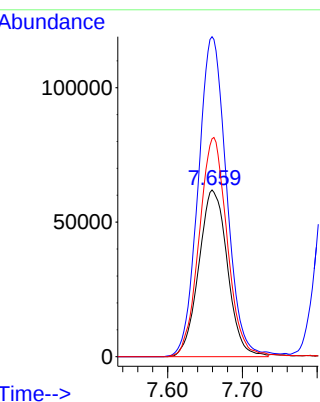
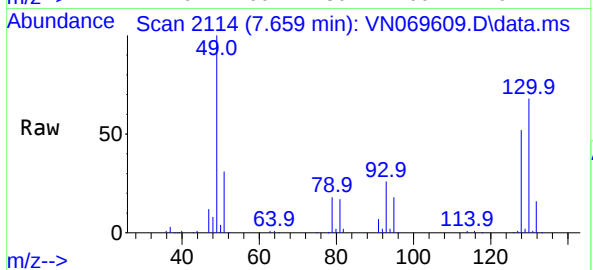
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Tgt Ion:128 Resp: 16472
Ion Ratio Lower Upper
128 100
49 188.9 0.0 392.3
130 128.1 0.0 320.2

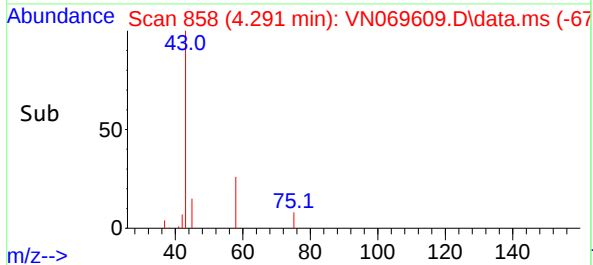
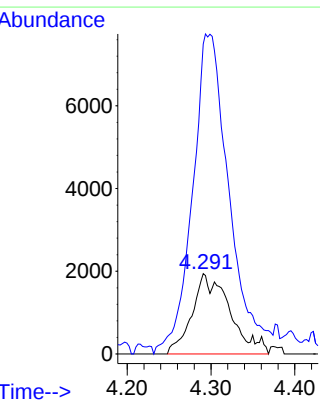
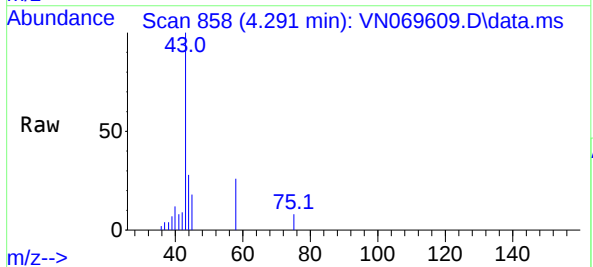
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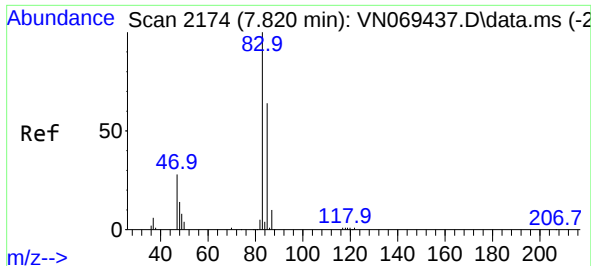
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#15
Acetone
Concen: 2.823 ug/l m
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55

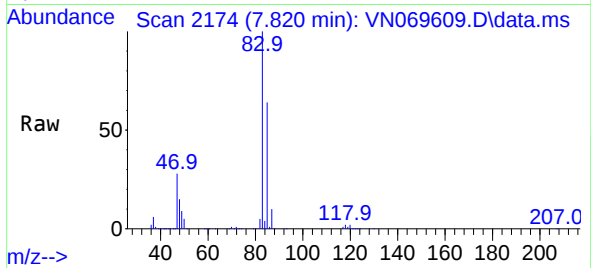
Tgt Ion: 58 Resp: 6084
Ion Ratio Lower Upper
58 100
43 386.1 256.6 384.8#





#25
Chloroform
Concen: 123.140 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55

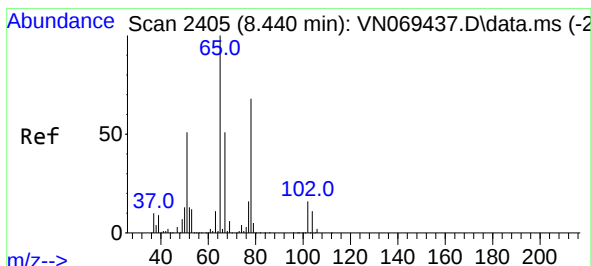
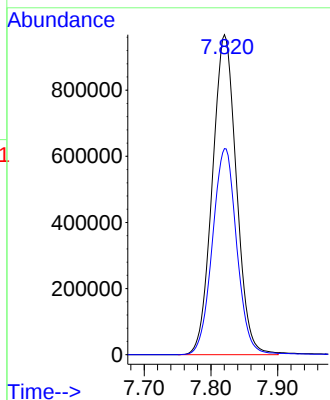
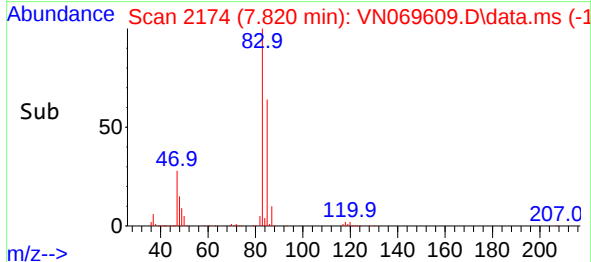
Instrument :
MSVOA_N
ClientSampleId :
14B-3



Tgt Ion: 83 Resp: 242156
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9

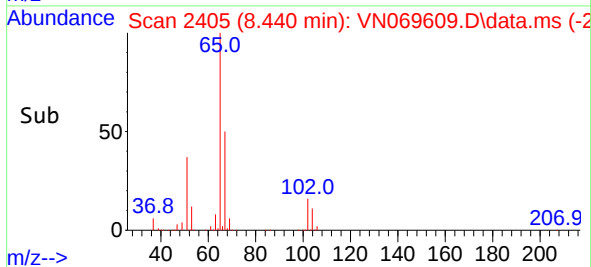
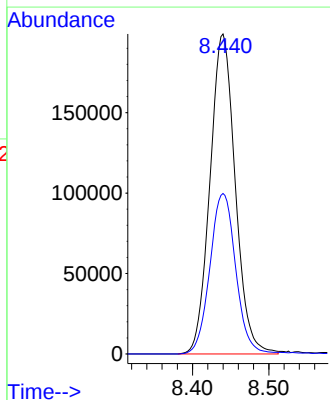
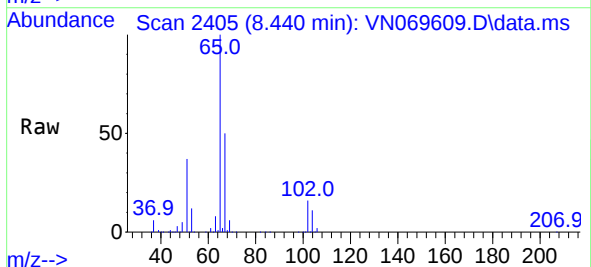
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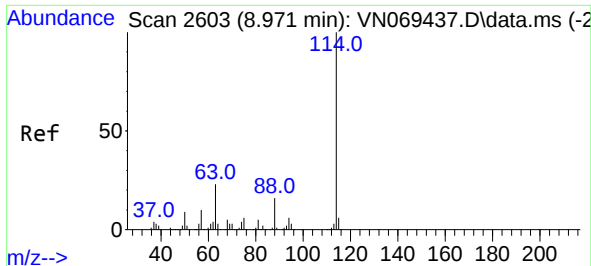
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#27
1,2-Dichloroethane-d4
Concen: 32.104 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55

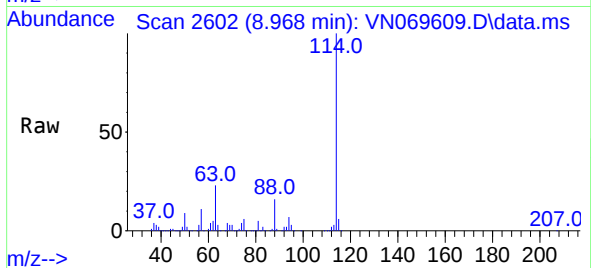
Tgt Ion: 65 Resp: 458636
Ion Ratio Lower Upper
65 100
67 51.1 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55

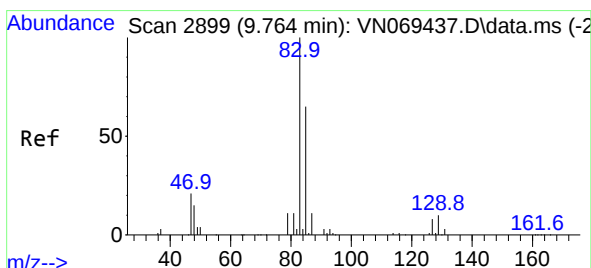
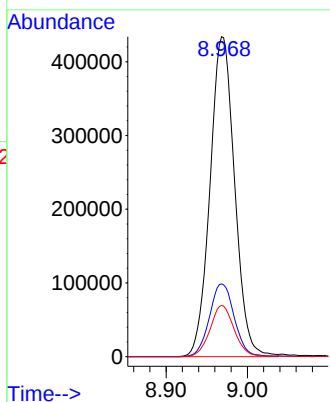
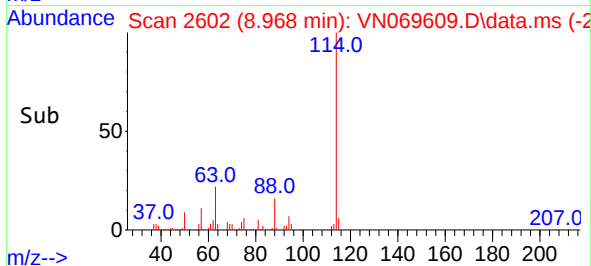
Instrument :
MSVOA_N
ClientSampleId :
14B-3



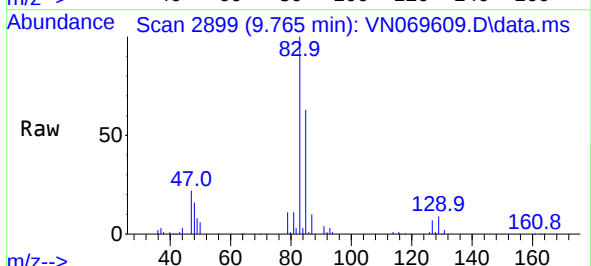
Tgt Ion: 114 Resp: 914318
Ion Ratio Lower Upper
114 100
63 23.0 15.8 23.6
88 15.7 11.6 17.4

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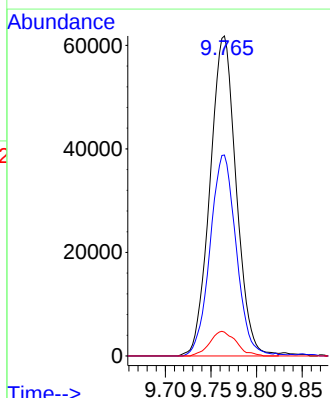
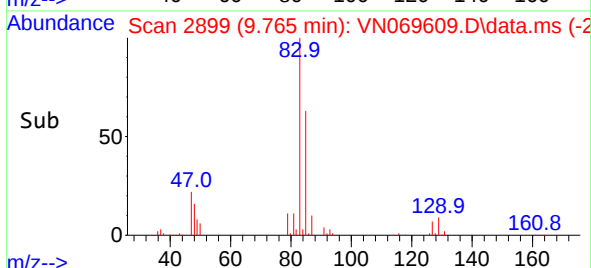
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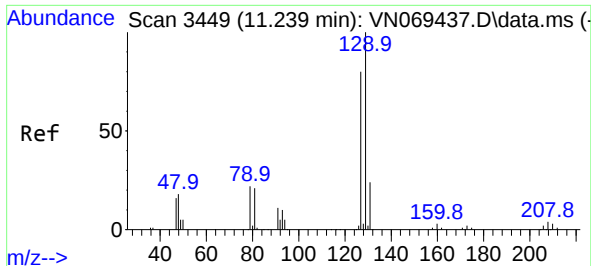


#41
Bromodichloromethane
Concen: 8.733 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55



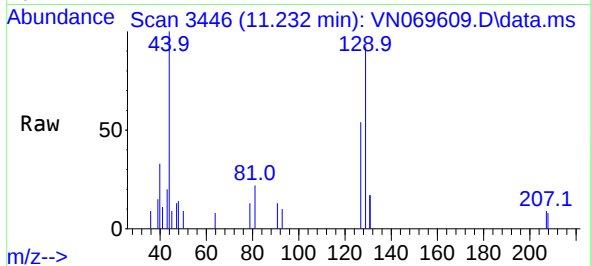
Tgt Ion: 83 Resp: 123409
Ion Ratio Lower Upper
83 100
85 62.8 54.1 81.1
127 7.5 7.6 11.4





#53
Dibromochloromethane
Concen: 0.338 ug/l
RT: 11.232 min Scan# 3449
Delta R.T. -0.008 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55

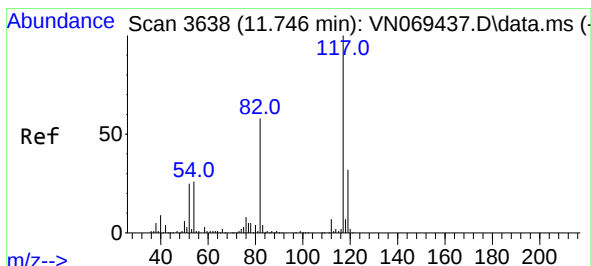
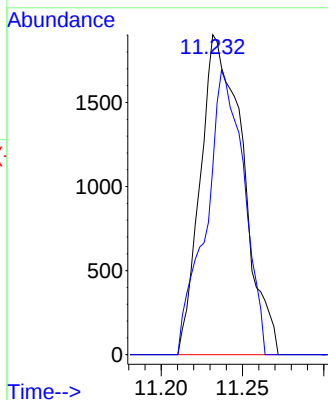
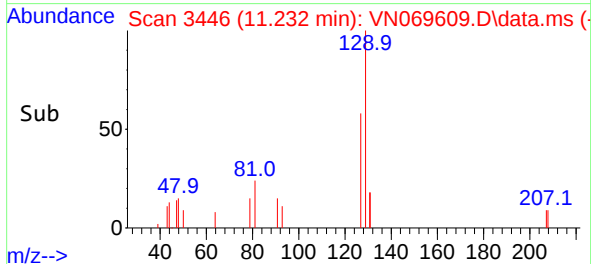
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MSVOA_N
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14B-3



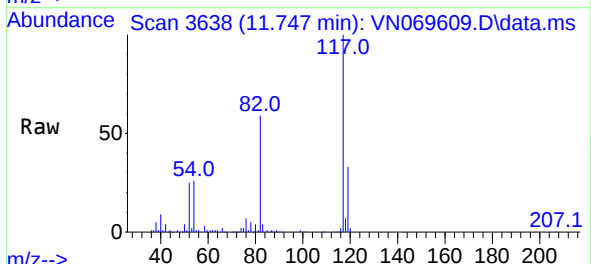
Tgt Ion:129 Resp: 345
Ion Ratio Lower Upper
129 100
127 79.5 39.0 117.0

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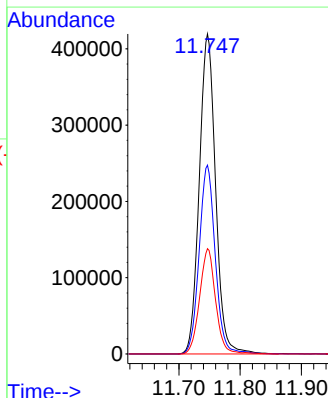
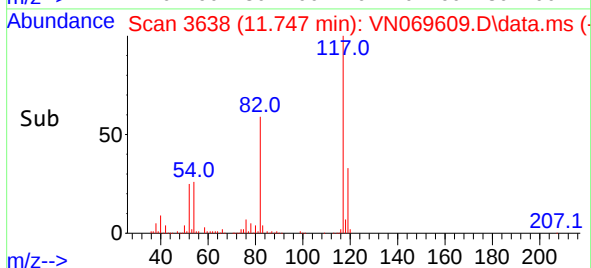
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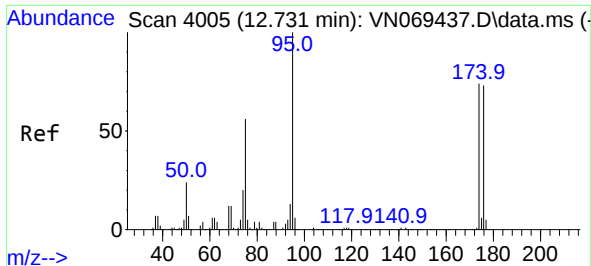


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55



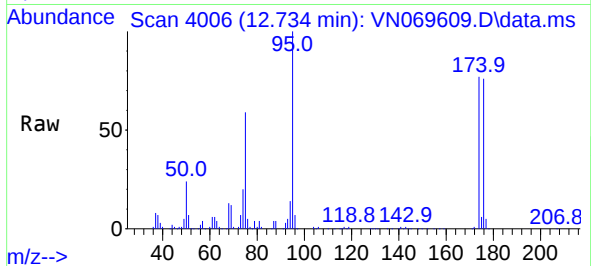
Tgt Ion:117 Resp: 776187
Ion Ratio Lower Upper
117 100
82 58.4 43.6 65.4
119 32.0 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 22.952 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55

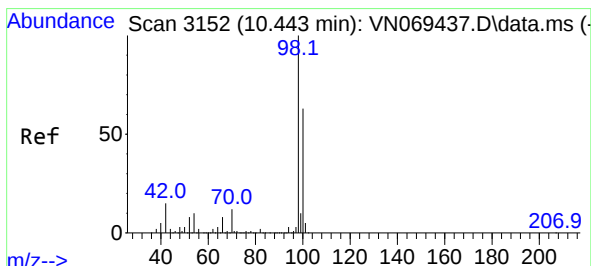
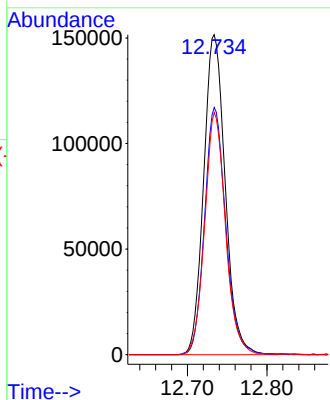
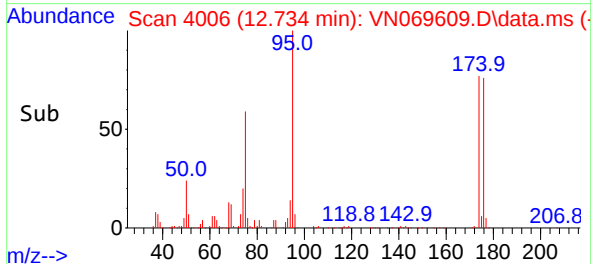
Instrument :
MSVOA_N
ClientSampleId :
14B-3



Tgt Ion: 95 Resp: 285085
Ion Ratio Lower Upper
95 100
174 76.1 62.9 94.3
176 73.3 61.0 91.4

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#63
Toluene-d8
Concen: 31.292 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069609.D
Acq: 22 Nov 2021 14:55

Tgt Ion: 98 Resp: 1121459
Ion Ratio Lower Upper
98 100
100 62.8 50.6 76.0

