

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112621\
 Data File : VN069653.D
 Acq On : 26 Nov 2021 12:37
 Operator : JC/MD
 Sample : M4838-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 21123004-02-TRIP-BLANK

Quant Time: Nov 29 00:17:00 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2021
 Supervised By : Mahesh Dadoda 11/29/2021

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

Internal Standards						
1) Bromochloromethane	7.662	128	186745	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1047203	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	894462	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	511850	31.604	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.333%
60) 4-Bromofluorobenzene	12.734	95	348922	24.376	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.267%
63) Toluene-d8	10.443	98	1267624	30.693	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.300%
Target Compounds						
					Qvalue	
15) Acetone	4.301	58	5598m	2.291	ug/l	
25) Chloroform	7.815	83	26021	1.167	ug/l	90
62) Toluene	10.508	91	72116	1.467	ug/l	98

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

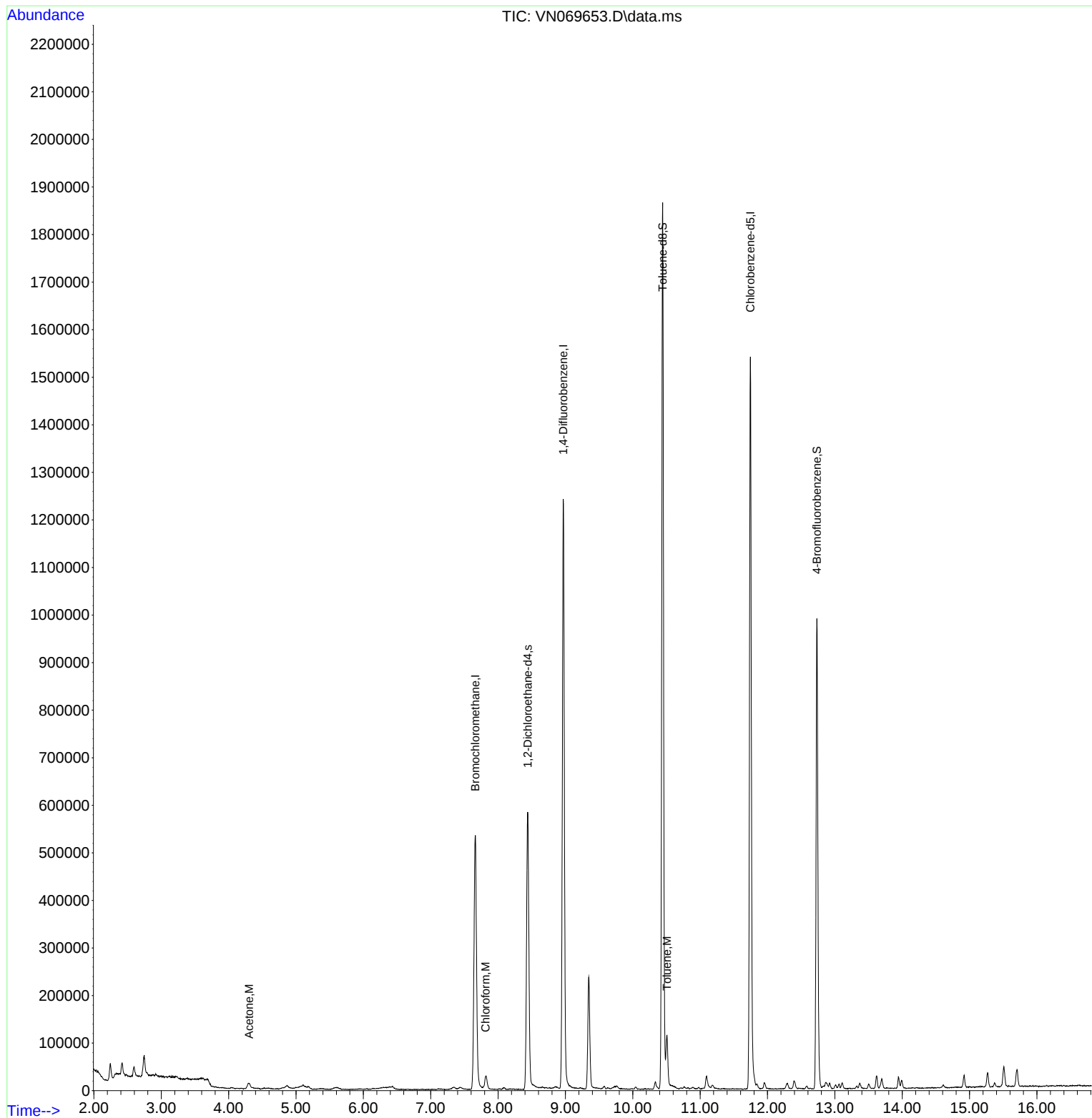
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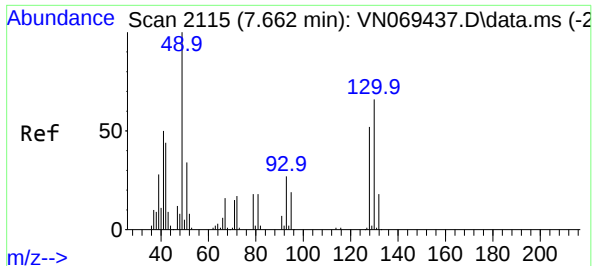
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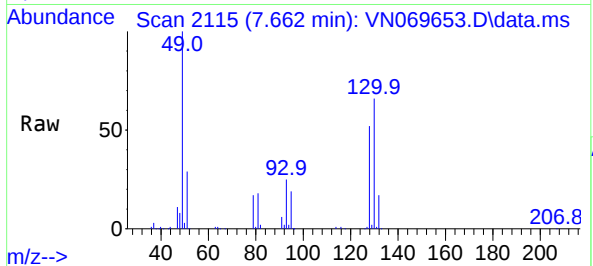
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VN069653.D
Acq: 26 Nov 2021 12:37

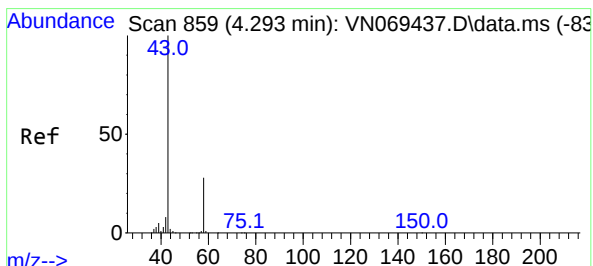
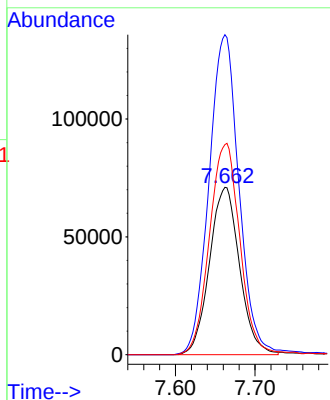
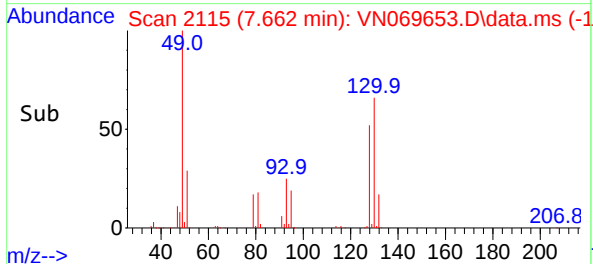
Instrument :
MSVOA_N
ClientSampleId :
21123004-02-TRIP-BLANK



Tgt Ion:128 Resp: 186745
Ion Ratio Lower Upper
128 100
49 189.4 0.0 392.3
130 127.8 0.0 320.2

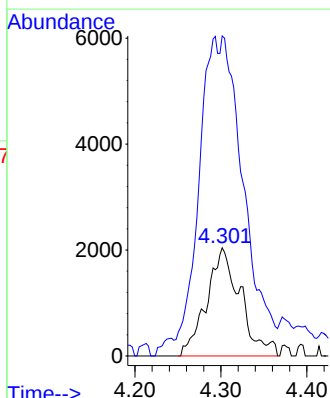
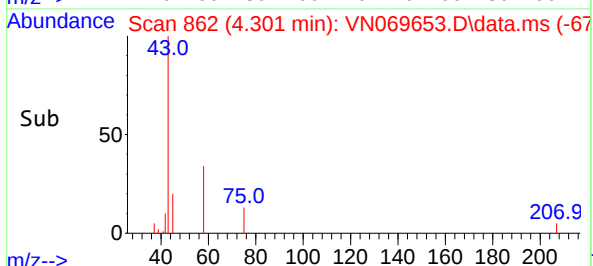
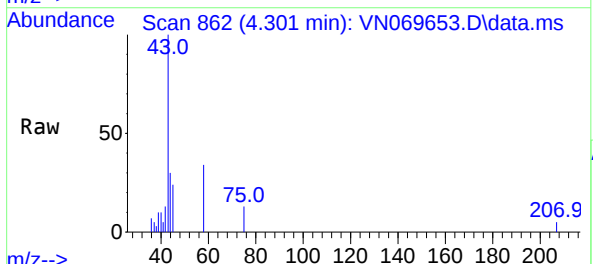
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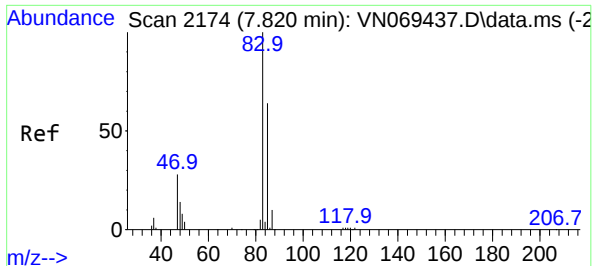
Reviewed By :John Carlone 11/29/2021
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#15
Acetone
Concen: 2.291 ug/l m
RT: 4.301 min Scan# 862
Delta R.T. 0.014 min
Lab File: VN069653.D
Acq: 26 Nov 2021 12:37

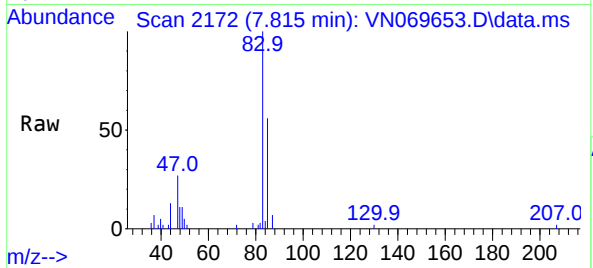
Tgt Ion: 58 Resp: 5598
Ion Ratio Lower Upper
58 100
43 295.8 256.6 384.8





#25
Chloroform
Concen: 1.167 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.005 min
Lab File: VN069653.D
Acq: 26 Nov 2021 12:37

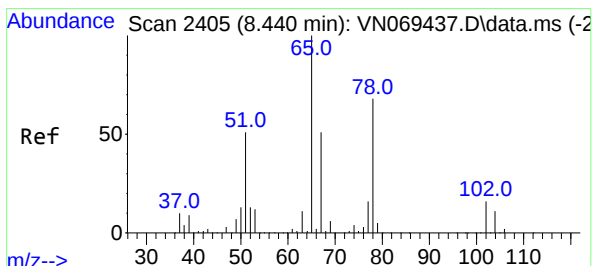
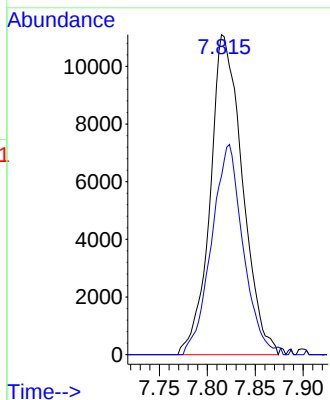
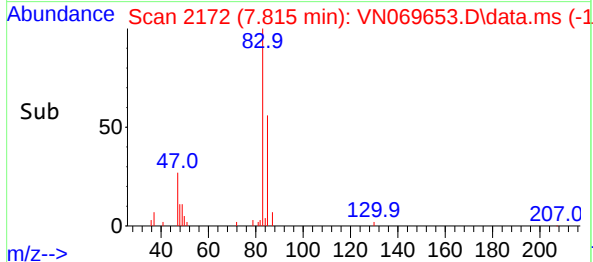
Instrument :
MSVOA_N
ClientSampleId :
21123004-02-TRIP-BLANK



Tgt Ion: 83 Resp: 2602
Ion Ratio Lower Upper
83 100
85 55.9 51.3 76.9

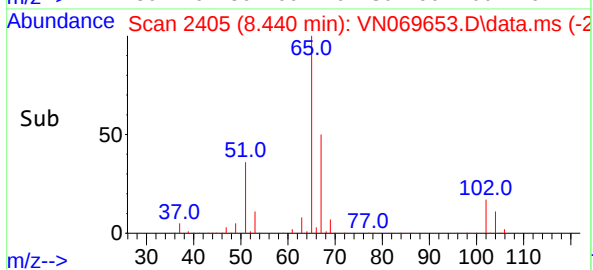
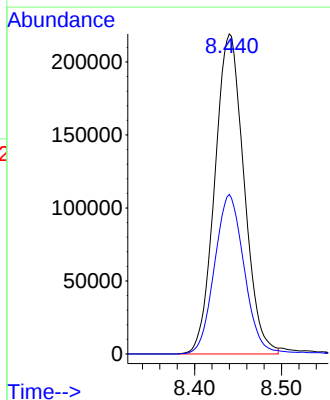
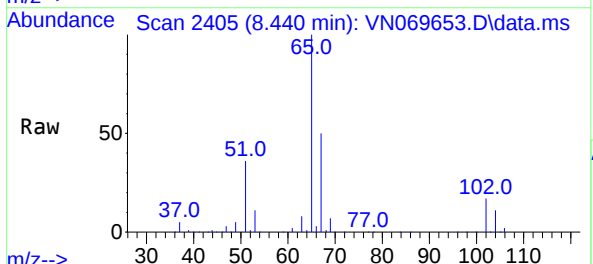
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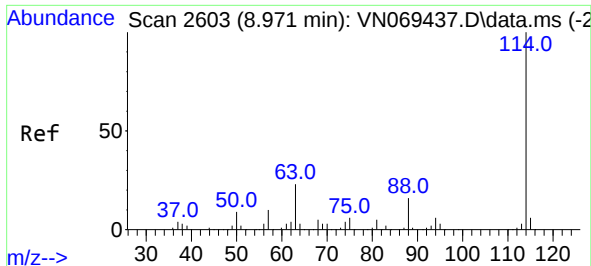
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#27
1,2-Dichloroethane-d4
Concen: 31.604 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069653.D
Acq: 26 Nov 2021 12:37

Tgt Ion: 65 Resp: 511850
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2





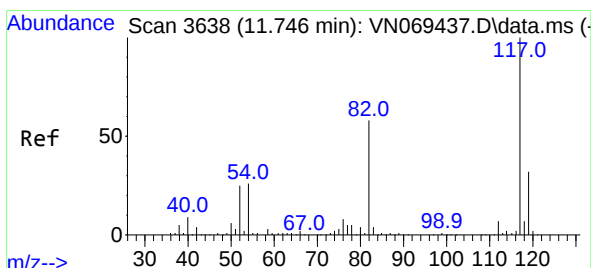
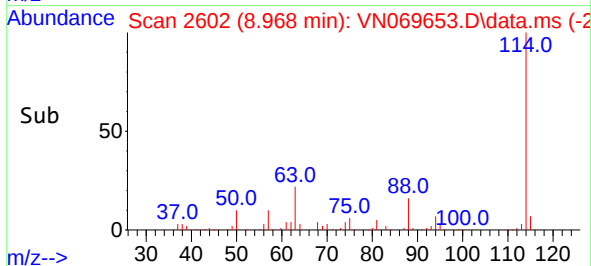
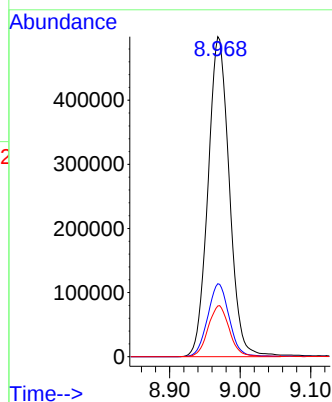
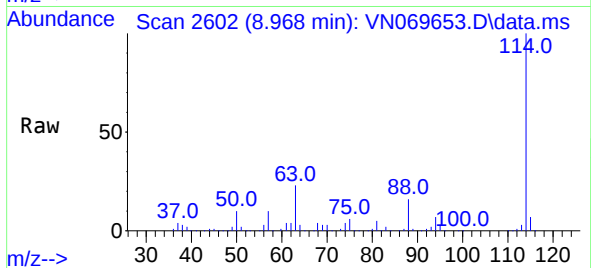
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2603
Delta R.T. -0.002 min
Lab File: VN069653.D
Acq: 26 Nov 2021 12:37

Instrument :
MSVOA_N
ClientSampleId :
21123004-02-TRIP-BLANK

Tgt Ion:114 Resp: 104720
Ion Ratio Lower Upper
114 100
63 23.1 15.8 23.6
88 15.8 11.6 17.4

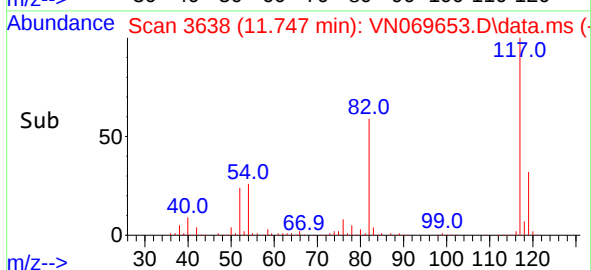
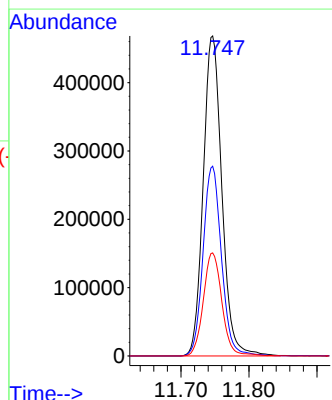
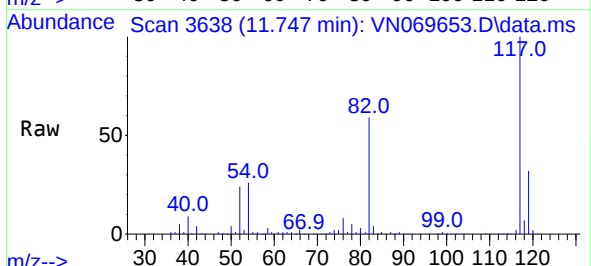
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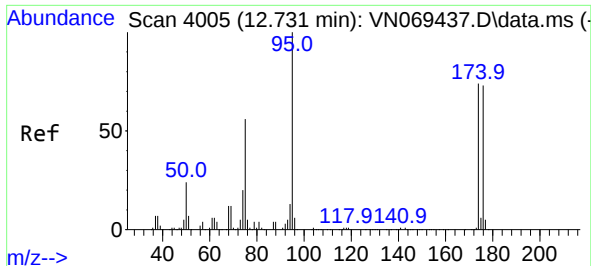
Reviewed By :John Carlone 11/29/2021
Supervised By :Mahesh Dadoda 11/29/2021



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069653.D
Acq: 26 Nov 2021 12:37

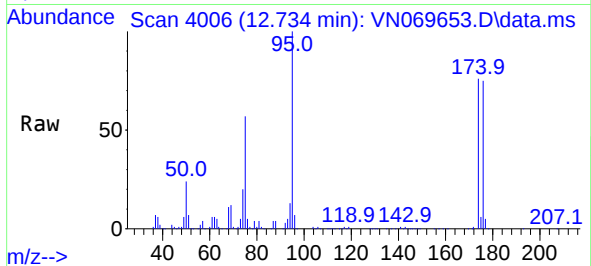
Tgt Ion:117 Resp: 894462
Ion Ratio Lower Upper
117 100
82 58.6 43.6 65.4
119 32.1 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 24.376 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069653.D
Acq: 26 Nov 2021 12:37

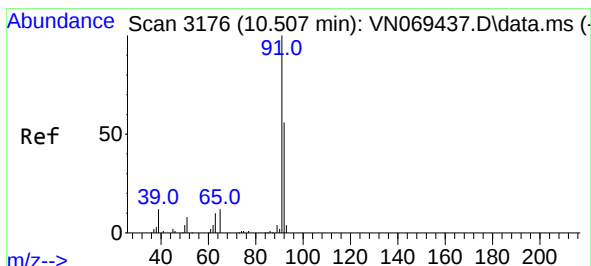
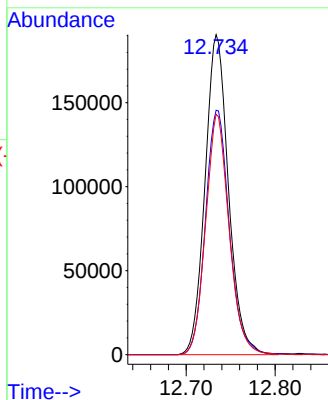
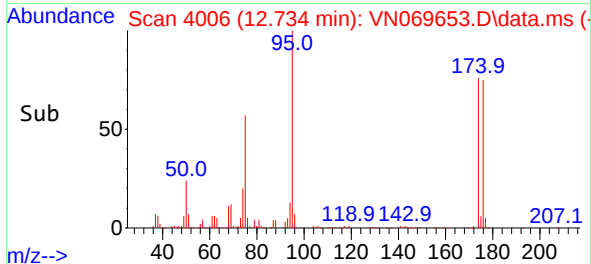
Instrument :
MSVOA_N
ClientSampleId :
21123004-02-TRIP-BLANK



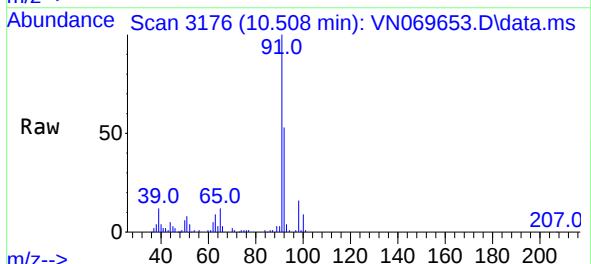
Tgt Ion: 95 Resp: 34892
Ion Ratio Lower Upper
95 100
174 77.7 62.9 94.3
176 74.9 61.0 91.4

Manual Integrations
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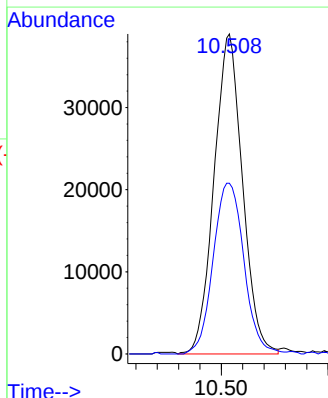
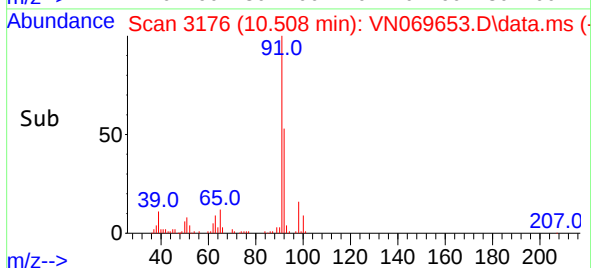
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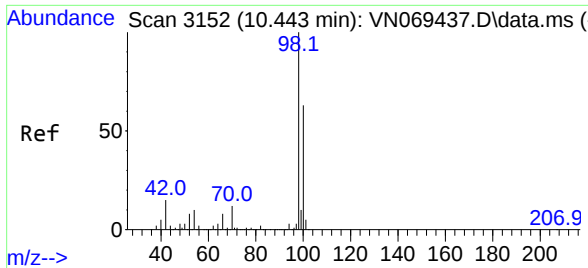


#62
Toluene
Concen: 1.467 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069653.D
Acq: 26 Nov 2021 12:37



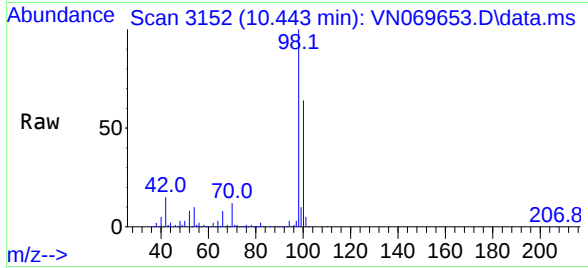
Tgt Ion: 91 Resp: 72116
Ion Ratio Lower Upper
91 100
92 57.6 44.6 67.0





#63
Toluene-d8
Concen: 30.693 ug/l
RT: 10.443 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069653.D
Acq: 26 Nov 2021 12:37

Instrument :
MSVOA_N
ClientSampleId :
21123004-02-TRIP-BLANK



Tgt Ion: 98 Resp: 1267624
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0

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