

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074365.D
 Acq On : 08 Sep 2022 18:16
 Operator : JC\MD
 Sample : N4437-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BASMENT-STAND-PIPE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2022
 Supervised By : Mahesh Dadoda 09/09/2022

Quant Time: Sep 09 05:38:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	51920	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	318424	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	269094	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	177183	33.238	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 110.800%#			
60) 4-Bromofluorobenzene	12.674	95	141117	26.224	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 87.400%			
63) Toluene-d8	10.380	98	475407	31.453	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.833%			
Target Compounds						
15) Acetone	4.240	58	2696m	3.490	ug/l	Qvalue
25) Chloroform	7.751	83	12283	1.496	ug/l	89
37) Trichloroethene	9.151	130	2728m	0.610	ug/l	
61) Tetrachloroethene	10.916	164	12308	3.687	ug/l #	77

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

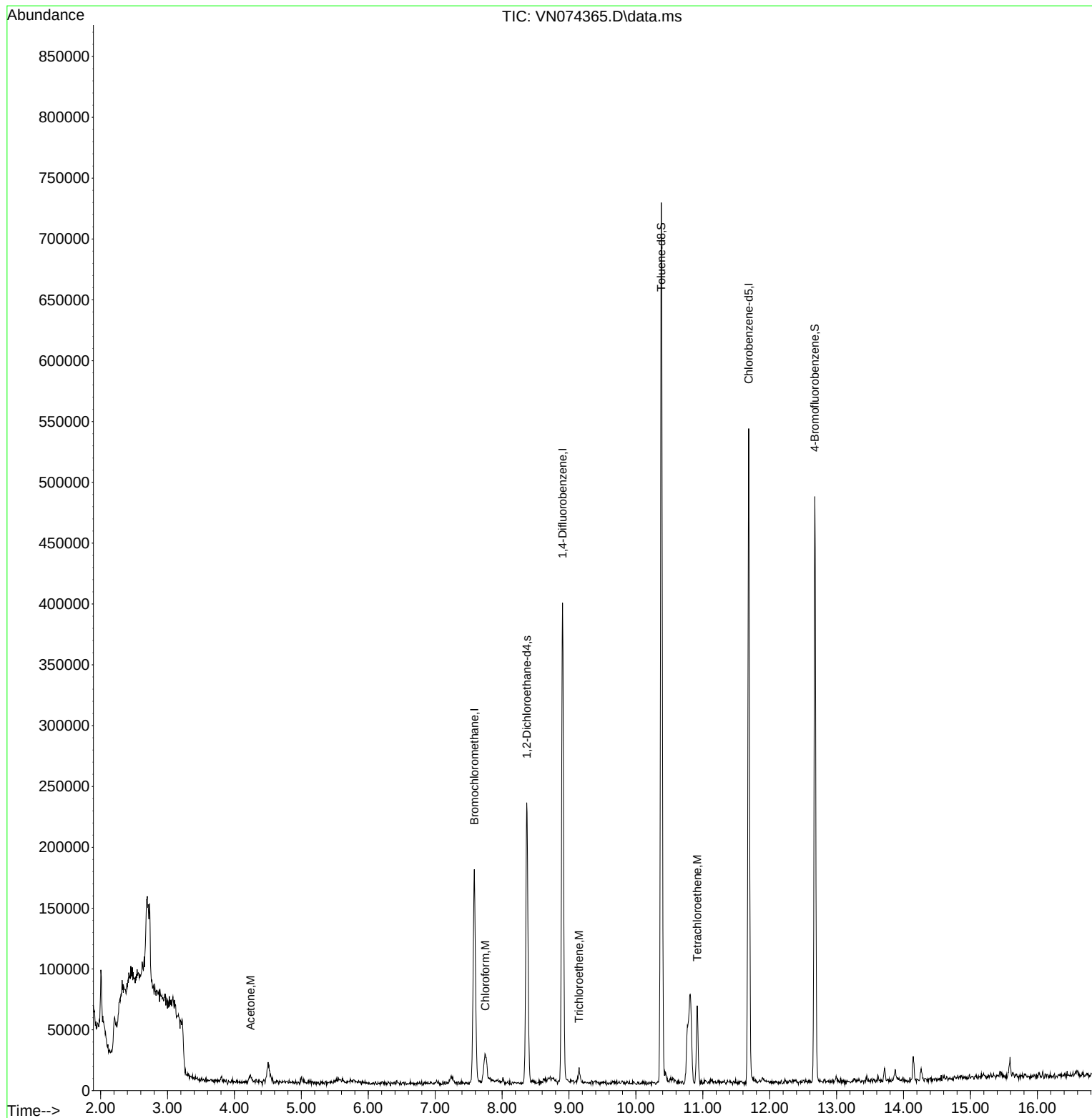
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
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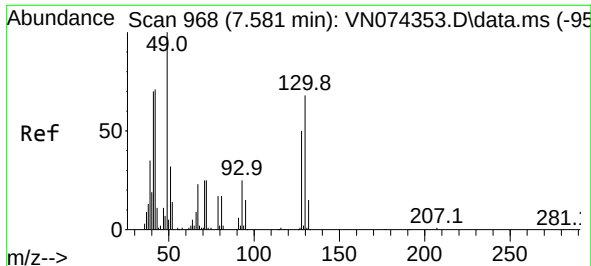
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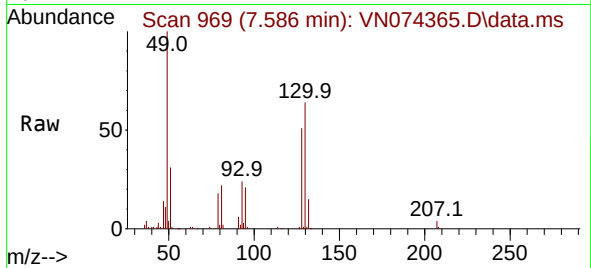
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN074365.D
Acq: 08 Sep 2022 18:16

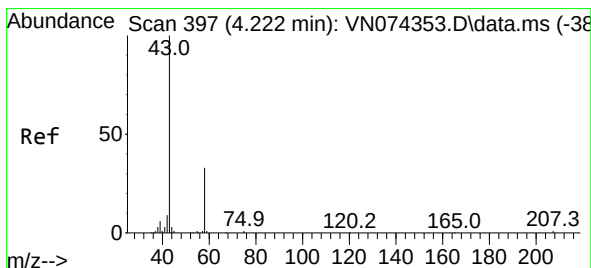
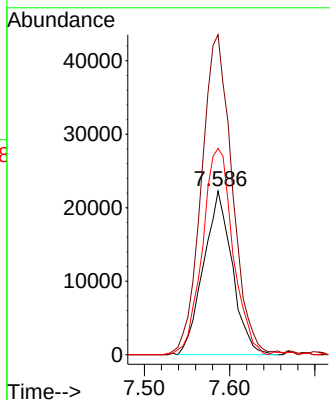
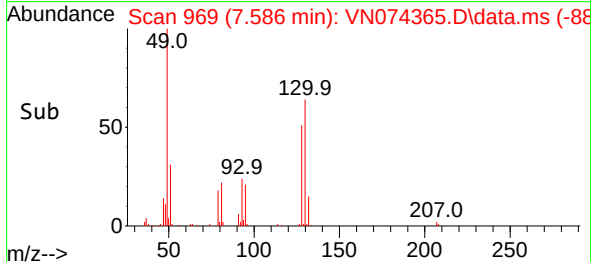
Instrument :
MSVOA_N
ClientSampleId :
BASMENT-STAND-PIPE



Tgt Ion:128 Resp: 51920
Ion Ratio Lower Upper
128 100
49 209.5 0.0 392.3
130 134.6 0.0 320.2

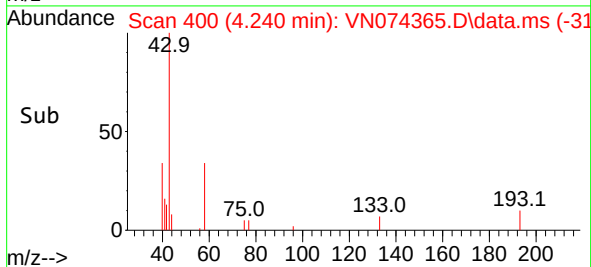
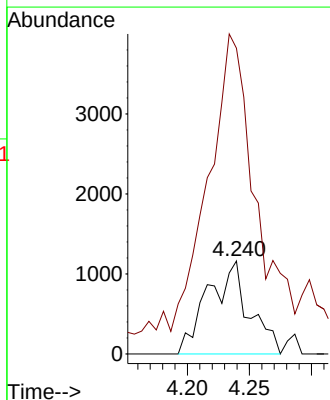
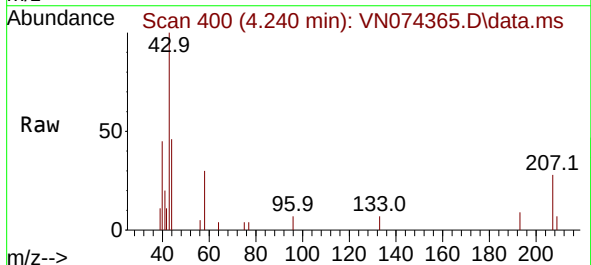
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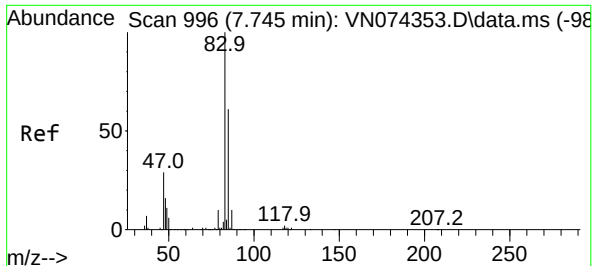
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#15
Acetone
Concen: 3.490 ug/l m
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN074365.D
Acq: 08 Sep 2022 18:16

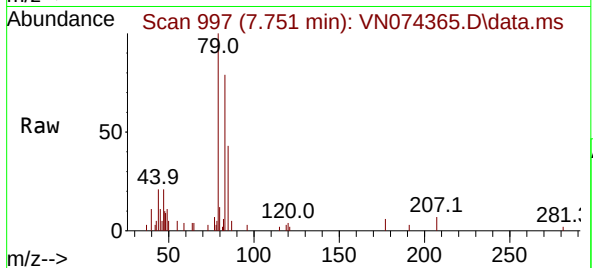
Tgt Ion: 58 Resp: 2696
Ion Ratio Lower Upper
58 100
43 328.7 256.6 384.8





#25
Chloroform
Concen: 1.496 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN074365.D
Acq: 08 Sep 2022 18:16

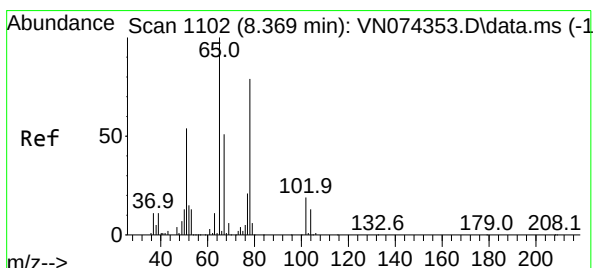
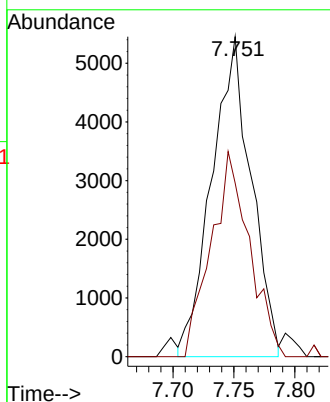
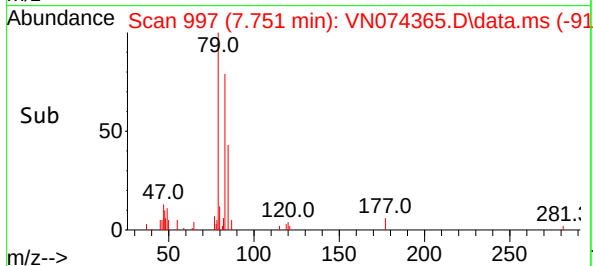
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 83 Resp: 1228
Ion Ratio Lower Upper
83 100
85 55.9 51.3 76.9

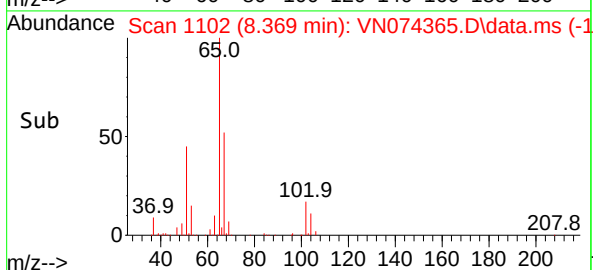
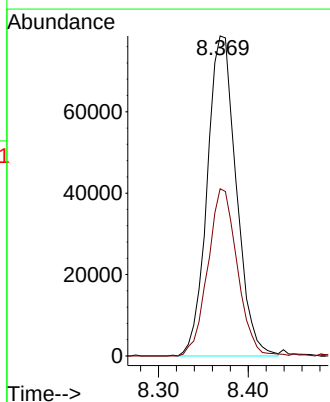
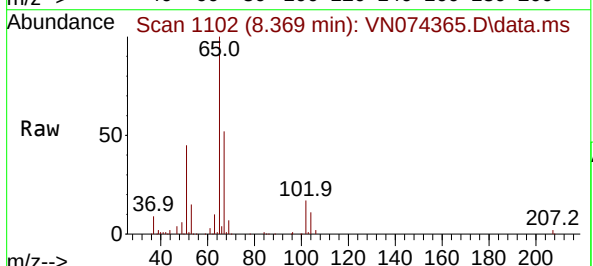
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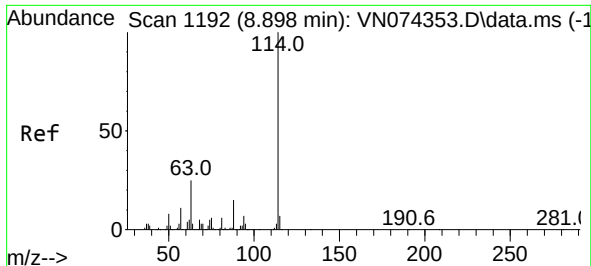
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#27
1,2-Dichloroethane-d4
Concen: 33.238 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074365.D
Acq: 08 Sep 2022 18:16

Tgt Ion: 65 Resp: 177183
Ion Ratio Lower Upper
65 100
67 52.8 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN074365.D

Acq: 08 Sep 2022 18:16

Instrument :

MSVOA_N

ClientSampleId :

BASMENT-STAND-PIPE

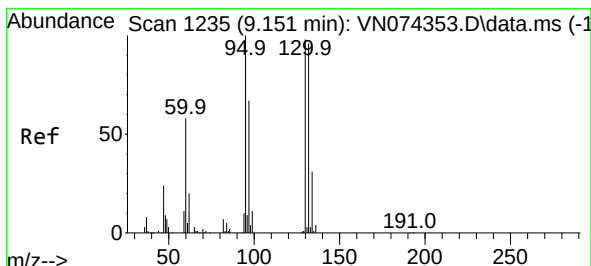
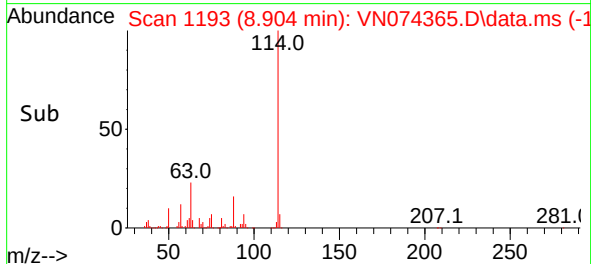
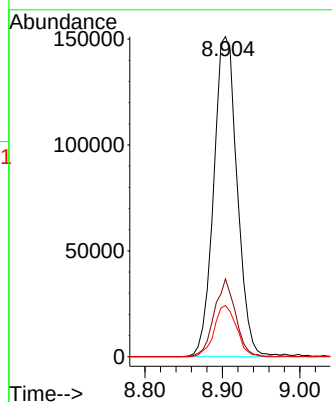
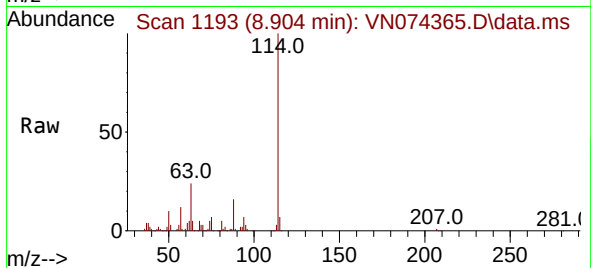
Tgt Ion:114 Resp: 318424
 Ion Ratio Lower Upper
 114 100
 63 21.9 15.8 23.6
 88 15.3 11.6 17.4

Manual Integrations

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#37

Trichloroethene

Concen: 0.610 ug/l m

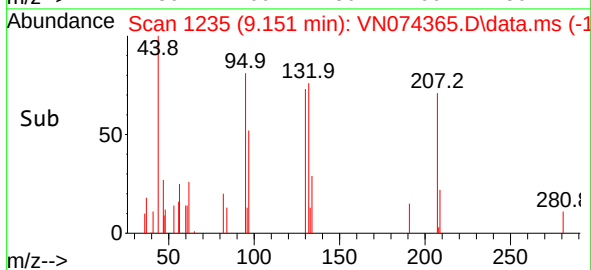
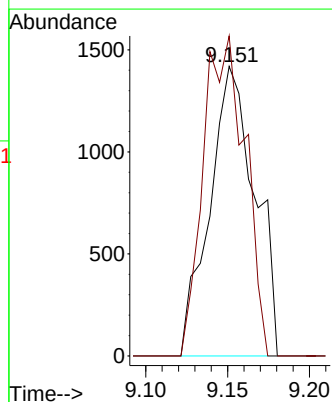
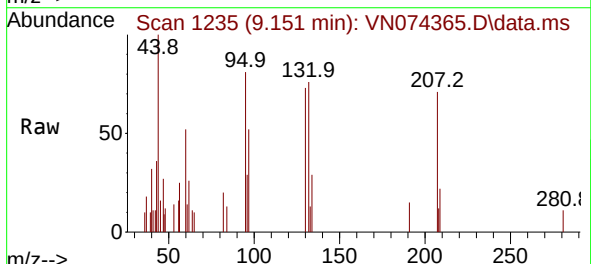
RT: 9.151 min Scan# 1235

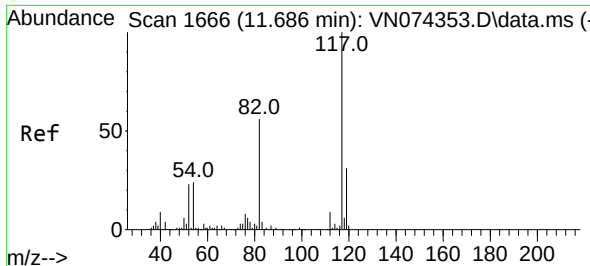
Delta R.T. -0.000 min

Lab File: VN074365.D

Acq: 08 Sep 2022 18:16

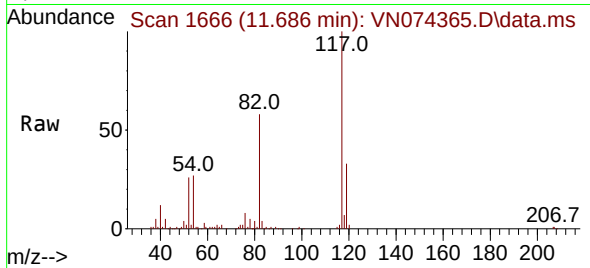
Tgt Ion:130 Resp: 2728
 Ion Ratio Lower Upper
 130 100
 95 110.5 76.6 115.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN074365.D
Acq: 08 Sep 2022 18:16

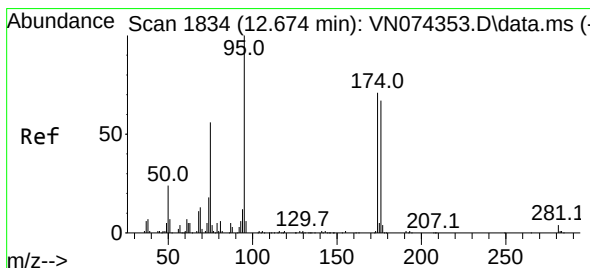
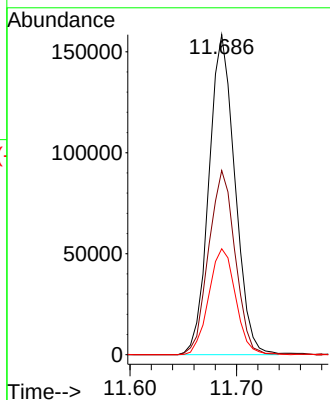
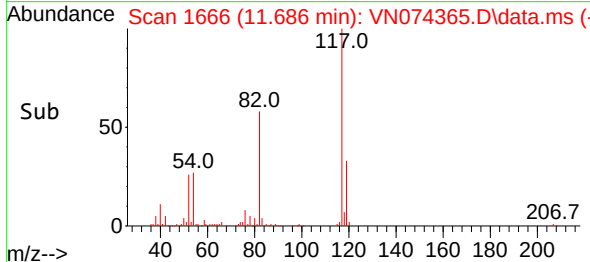
Instrument :
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BASMENT-STAND-PIPE



Tgt Ion: 117 Resp: 269094
Ion Ratio Lower Upper
117 100
82 58.6 43.6 65.4
119 34.2 25.8 38.6

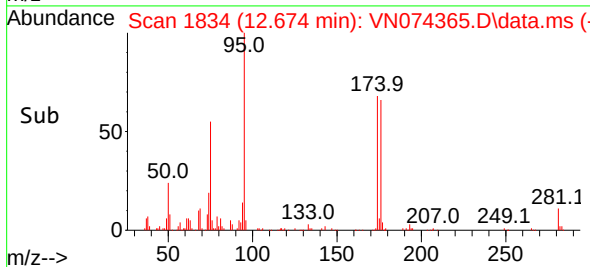
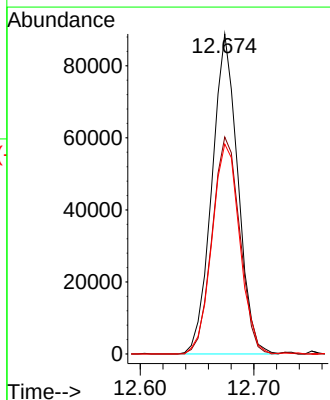
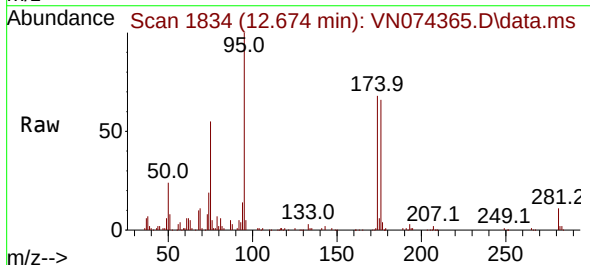
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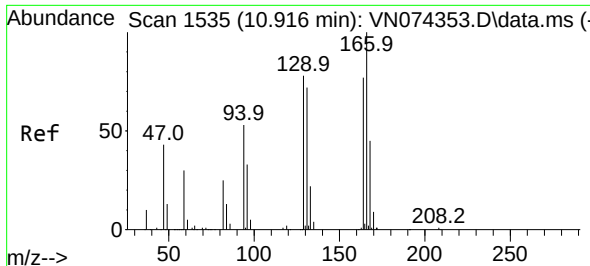
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#60
4-Bromofluorobenzene
Concen: 26.224 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074365.D
Acq: 08 Sep 2022 18:16

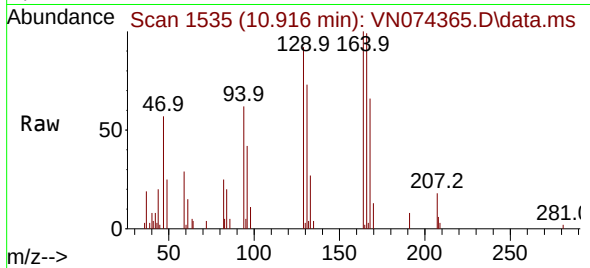
Tgt Ion: 95 Resp: 141117
Ion Ratio Lower Upper
95 100
174 72.0 62.9 94.3
176 69.9 61.0 91.4





#61
Tetrachloroethene
Concen: 3.687 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074365.D
Acq: 08 Sep 2022 18:16

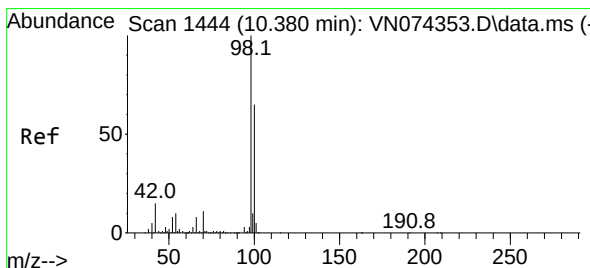
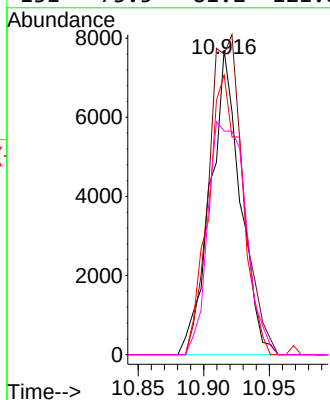
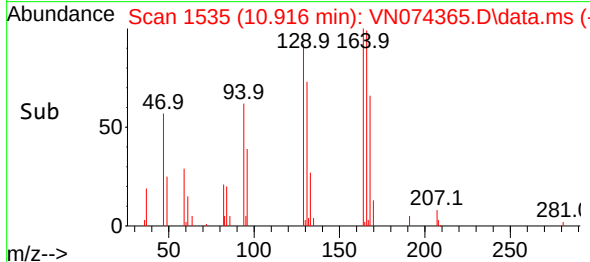
Instrument :
MSVOA_N
ClientSampleId :
BASMENT-STAND-PIPE



Tgt Ion:164 Resp: 12308
Ion Ratio Lower Upper
164 100
166 98.7 105.8 158.8
129 91.8 82.5 123.7
131 73.5 81.2 121.8#

Manual Integrations
APPROVED

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#63
Toluene-d8
Concen: 31.453 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074365.D
Acq: 08 Sep 2022 18:16

Tgt Ion: 98 Resp: 475407
Ion Ratio Lower Upper
98 100
100 63.8 50.6 76.0

