

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069769.D
 Acq On : 4 Dec 2021 16:47
 Operator : JC/MD
 Sample : M4922-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP06-20211130

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 06 00:17:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1343922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2375619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2429434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	900673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1027588	49.522	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.040%		
35) Dibromofluoromethane	8.021	113	709460	47.678	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.360%		
50) Toluene-d8	10.443	98	3016853	50.492	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.980%		
62) 4-Bromofluorobenzene	12.731	95	1114922	51.507	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.020%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.208	101	38505	2.898	ug/l	96
12) 1,1-Dichloroethene	4.181	96	26495	2.070	ug/l	97
16) Acetone	4.299	43	21283	1.705	ug/l	92
24) 1,1-Dichloroethane	6.385	63	10763m	0.369	ug/l	
27) cis-1,2-Dichloroethene	7.321	96	16666	0.992	ug/l	84
30) Chloroform	7.815	83	14181	0.481	ug/l #	81
38) Carbon Tetrachloride	8.206	117	16736	0.755	ug/l	87
44) Trichloroethene	9.218	130	1626207	98.565	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	10457	0.614	ug/l #	91

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

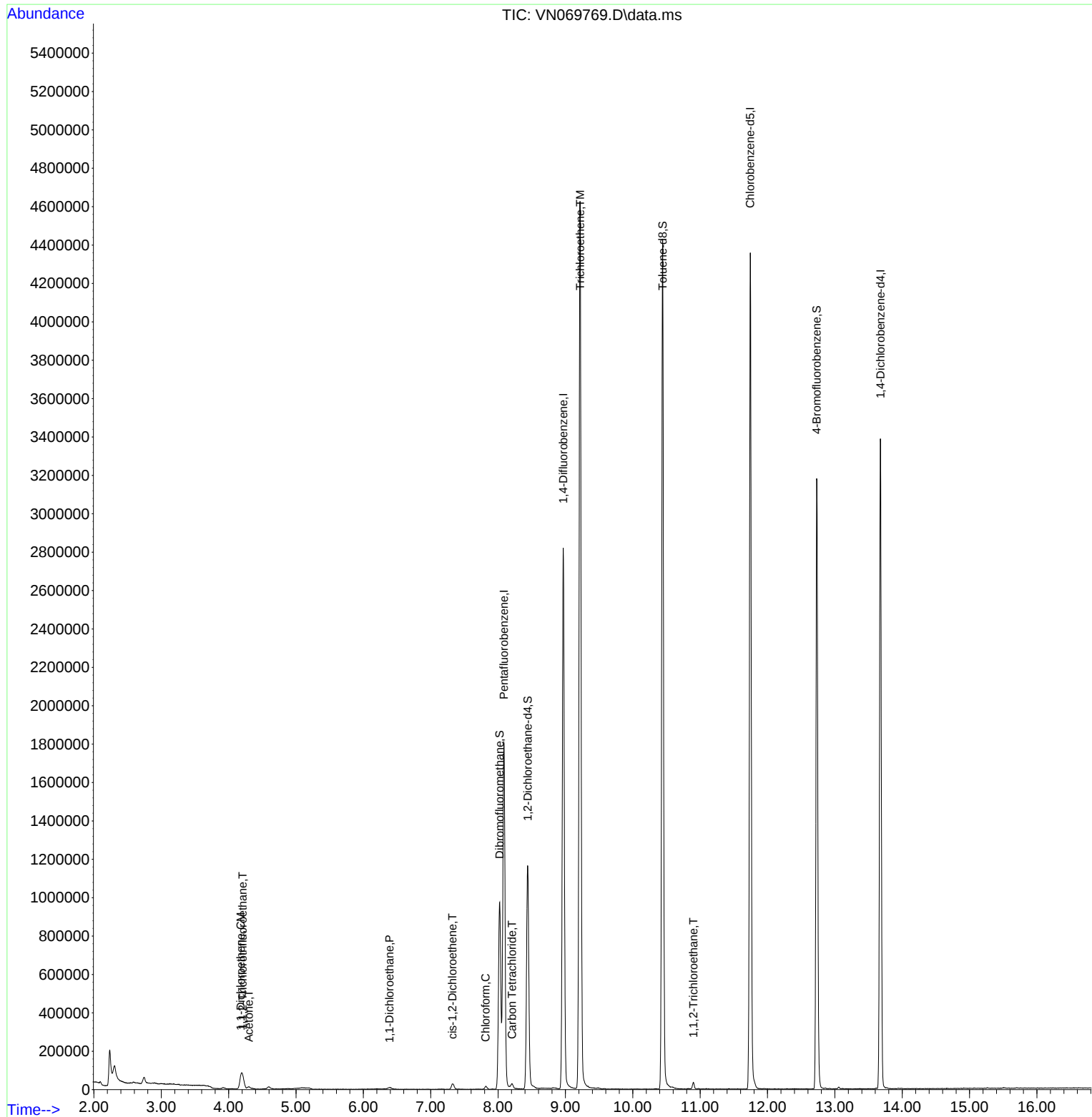
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
Data File : VN069769.D
Acq On : 4 Dec 2021 16:47
Operator : JC/MD
Sample : M4922-14
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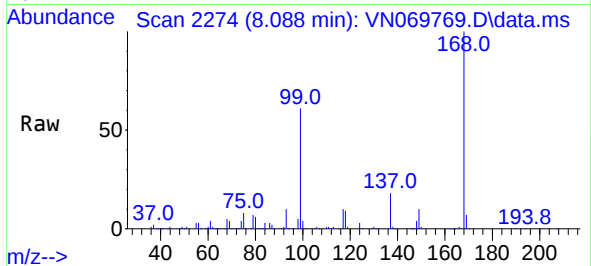
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

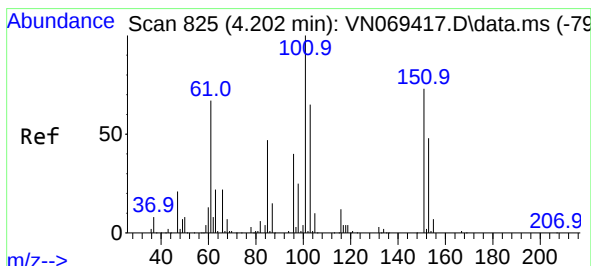
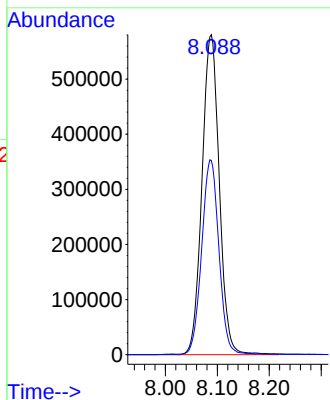
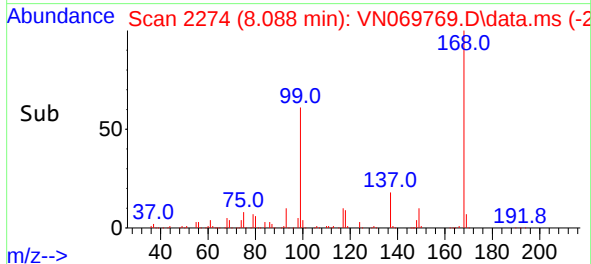
Instrument :
MSVOA_N
ClientSampleId :
DUP06-20211130



Tgt Ion:168 Resp: 134392
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9

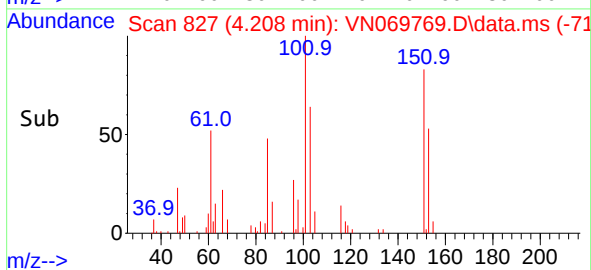
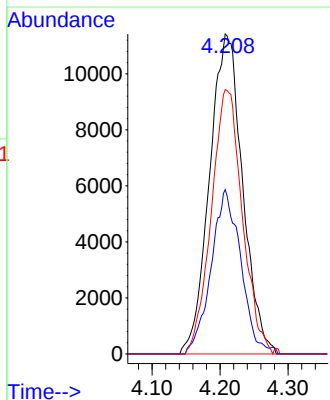
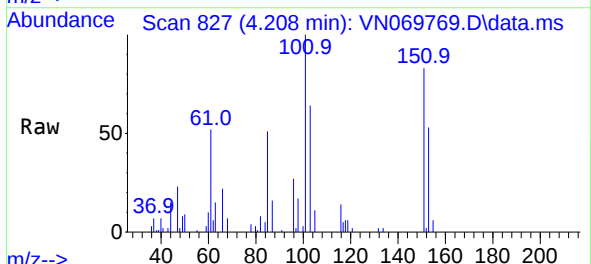
Manual Integrations
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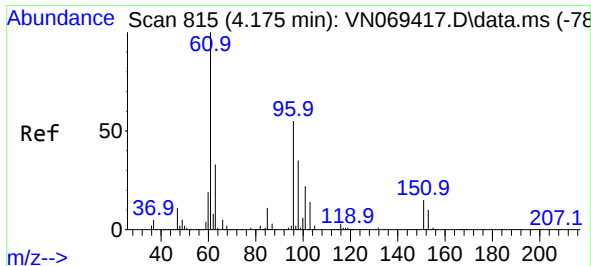
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.898 ug/l
RT: 4.208 min Scan# 827
Delta R.T. 0.006 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

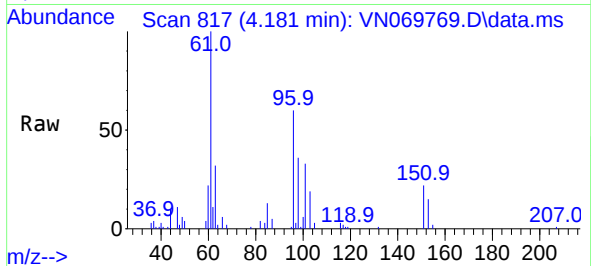
Tgt Ion:101 Resp: 38505
Ion Ratio Lower Upper
101 100
85 45.9 37.2 55.8
151 77.6 65.9 98.9





#12
1,1-Dichloroethene
Concen: 2.070 ug/l
RT: 4.181 min Scan# 815
Delta R.T. 0.006 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

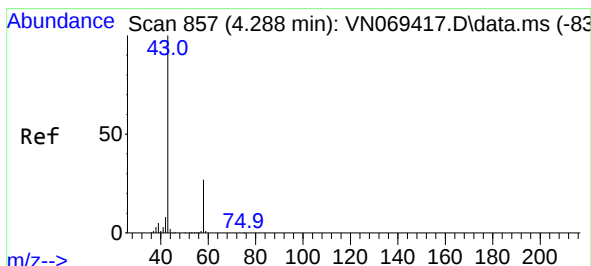
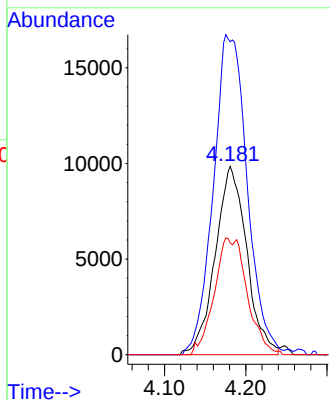
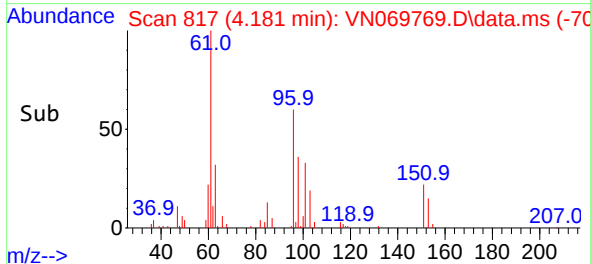
Instrument :
MSVOA_N
ClientSampleId :
DUP06-20211130



Tgt Ion: 96 Resp: 2649
Ion Ratio Lower Upper
96 100
61 166.1 131.0 196.6
98 59.4 52.4 78.6

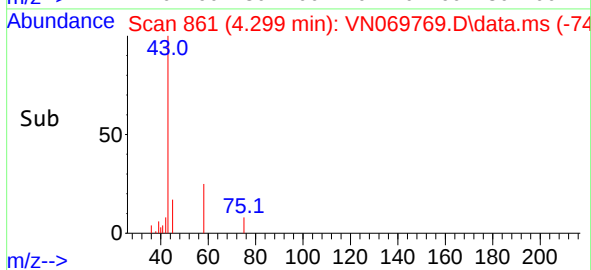
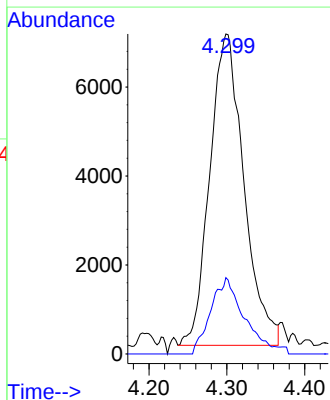
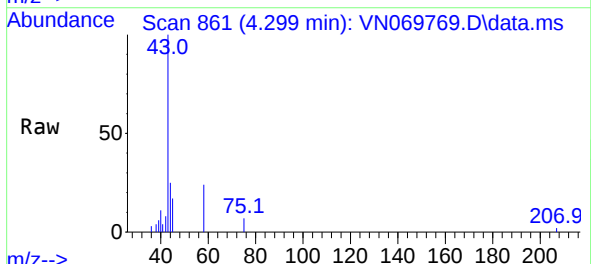
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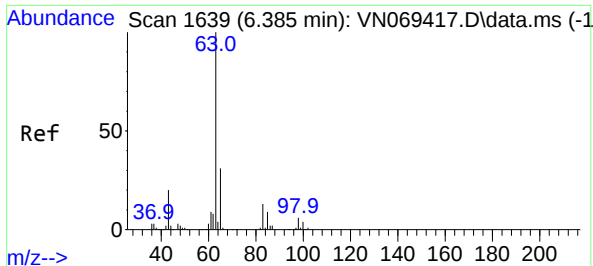
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 1.705 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

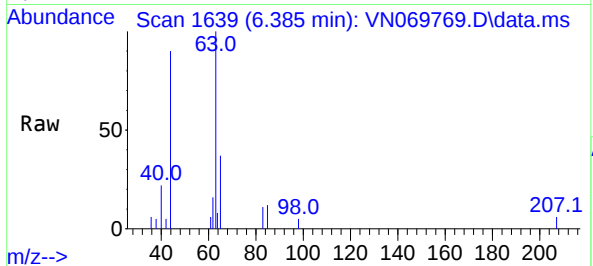
Tgt Ion: 43 Resp: 21283
Ion Ratio Lower Upper
43 100
58 24.5 23.1 34.7





#24
1,1-Dichloroethane
Concen: 0.369 ug/l m
RT: 6.385 min Scan# 1
Delta R.T. -0.002 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

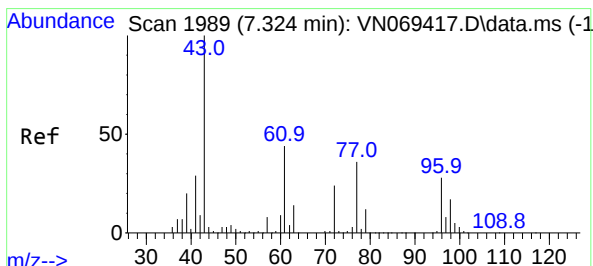
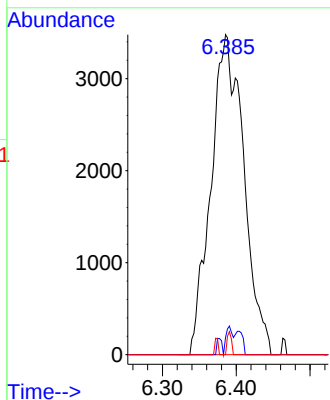
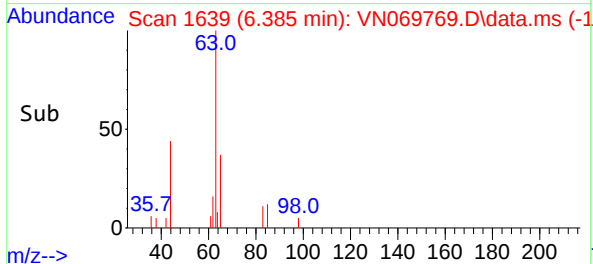
Instrument :
MSVOA_N
ClientSampleId :
DUP06-20211130



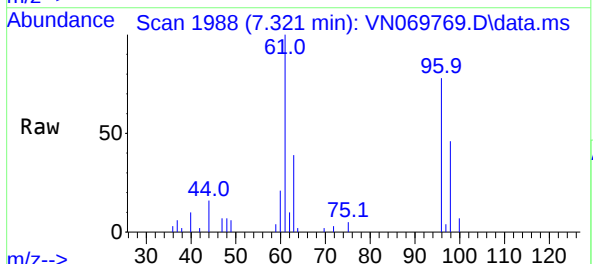
Tgt Ion: 63 Resp: 1076
Ion Ratio Lower Upper
63 100
98 5.4 3.3 9.9
100 0.0 2.1 6.5

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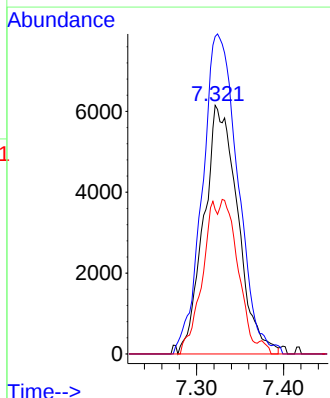
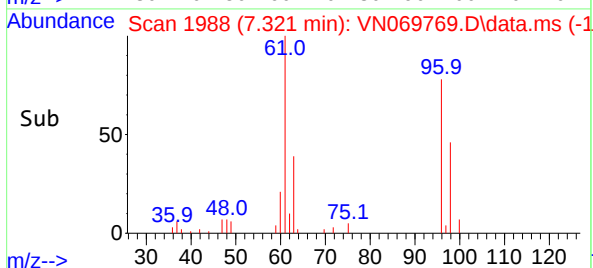
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

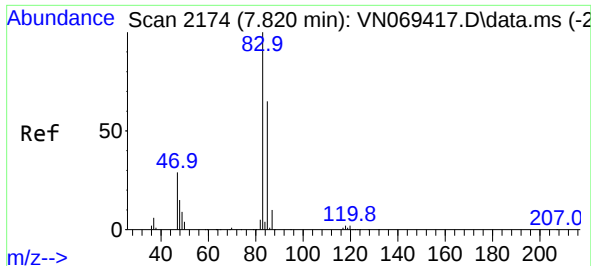


#27
cis-1,2-Dichloroethene
Concen: 0.992 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.005 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47



Tgt Ion: 96 Resp: 16666
Ion Ratio Lower Upper
96 100
61 134.6 0.0 275.0
98 28.6 0.0 129.6





#30

Chloroform

Concen: 0.481 ug/l

RT: 7.815 min Scan# 2174

Delta R.T. -0.005 min

Lab File: VN069769.D

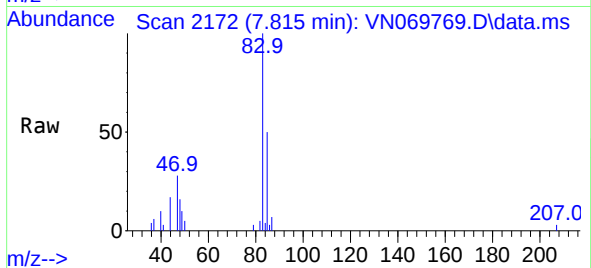
Acq: 4 Dec 2021 16:47

Instrument :

MSVOA_N

ClientSampleId :

DUP06-20211130



Tgt Ion: 83 Resp: 1418

Ion Ratio Lower Upper

83 100

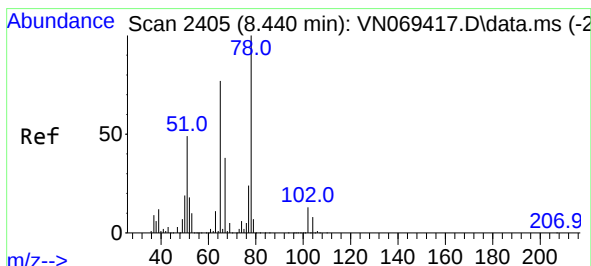
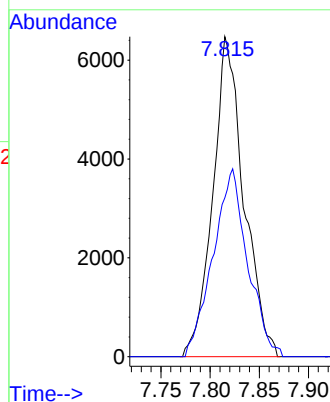
85 49.6 51.9 77.9

Manual Integrations

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Supervised By :Mahesh Dadoda 12/06/2021



#33

1,2-Dichloroethane-d4

Concen: 49.522 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN069769.D

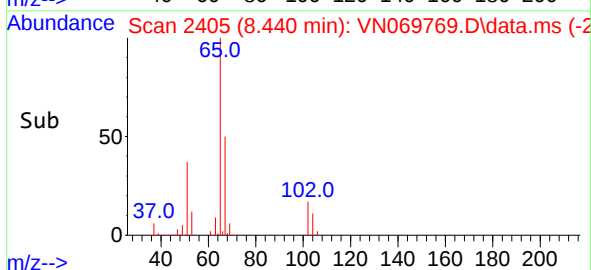
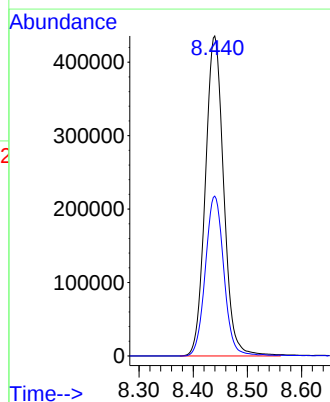
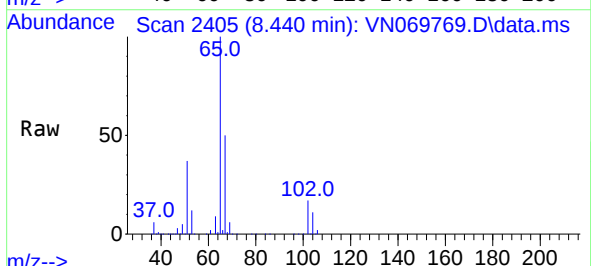
Acq: 4 Dec 2021 16:47

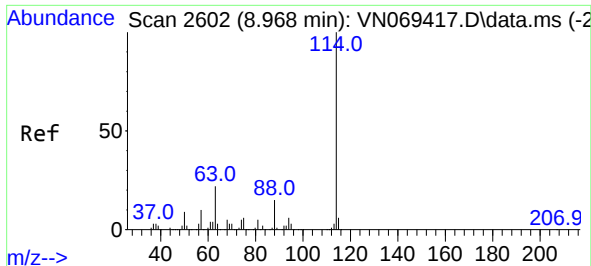
Tgt Ion: 65 Resp: 1027588

Ion Ratio Lower Upper

65 100

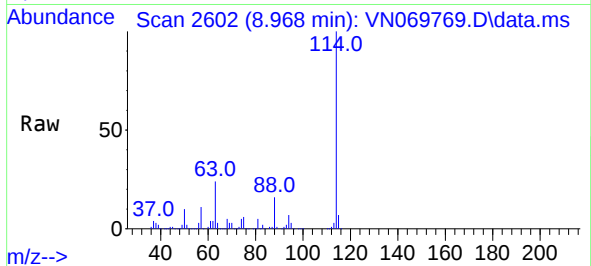
67 50.0 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

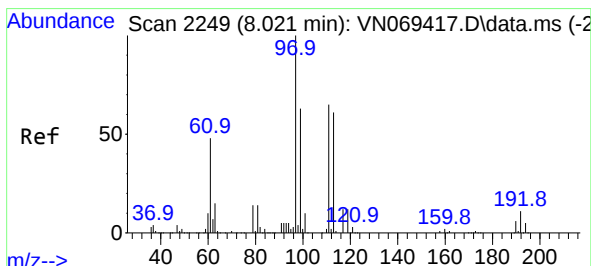
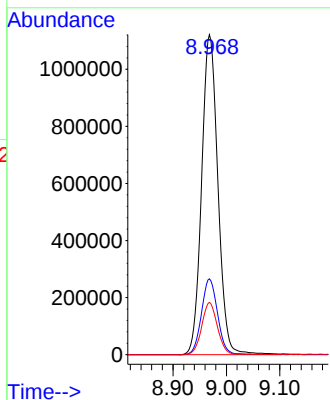
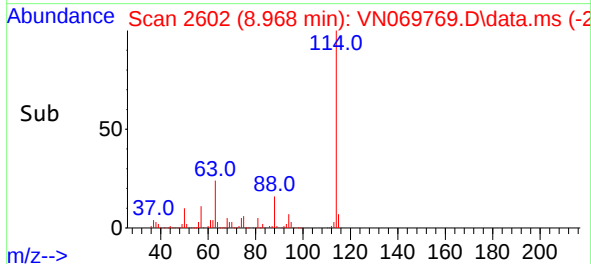
Instrument :
MSVOA_N
ClientSampleId :
DUP06-20211130



Tgt Ion:114 Resp: 2375619
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.4 0.0 27.4

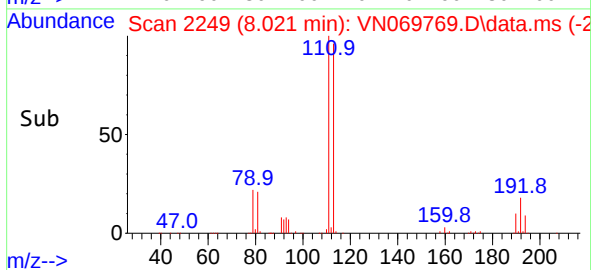
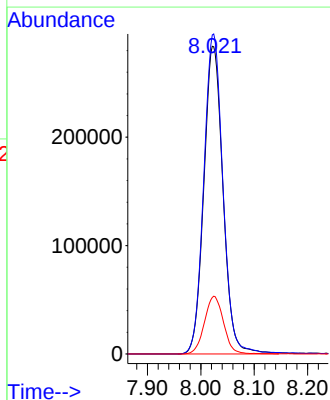
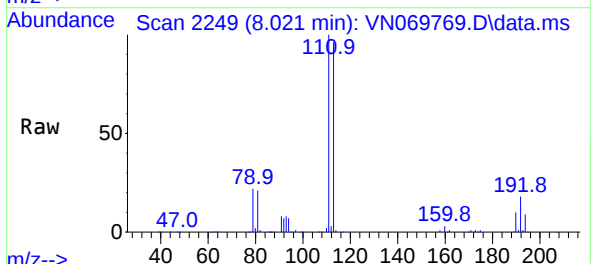
Manual Integrations
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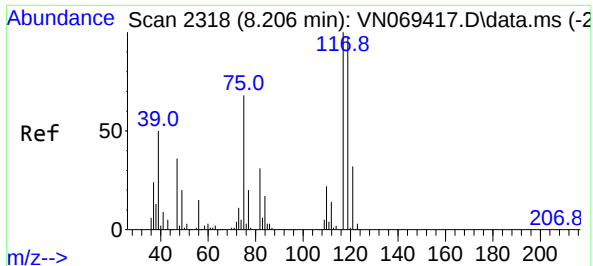
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#35
Dibromofluoromethane
Concen: 47.678 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

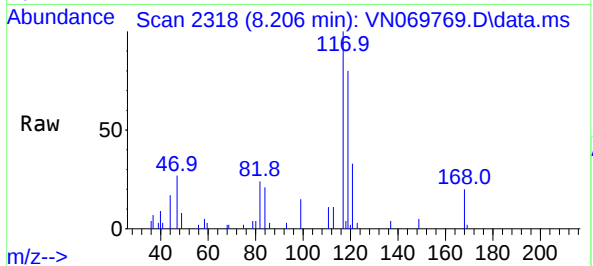
Tgt Ion:113 Resp: 709460
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.5 16.9 25.3





#38
Carbon Tetrachloride
Concen: 0.755 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

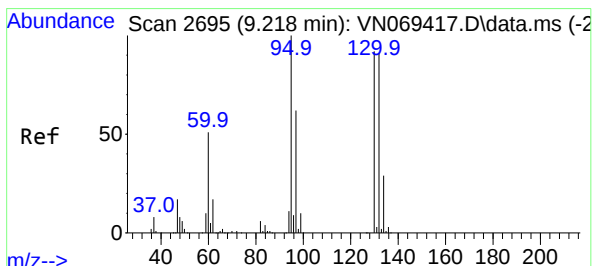
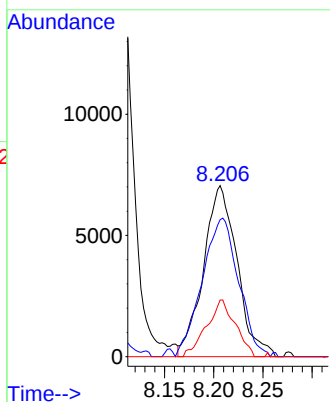
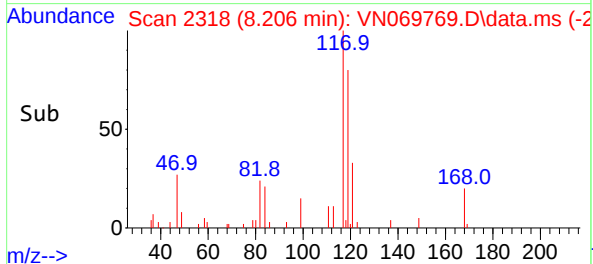
Instrument :
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DUP06-20211130



Tgt Ion:117 Resp: 16730
Ion Ratio Lower Upper
117 100
119 80.1 76.1 114.1
121 33.2 24.2 36.2

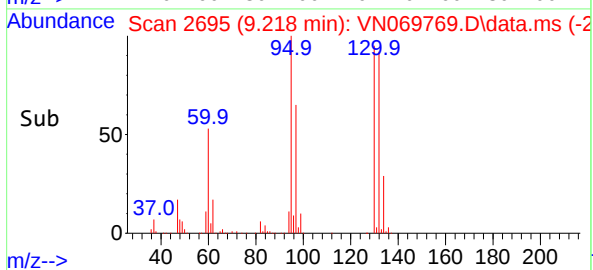
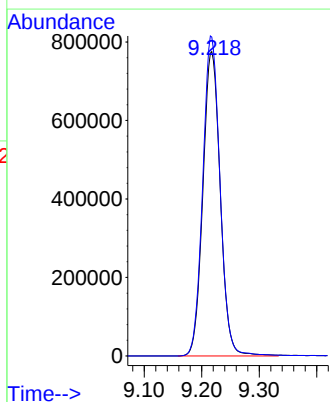
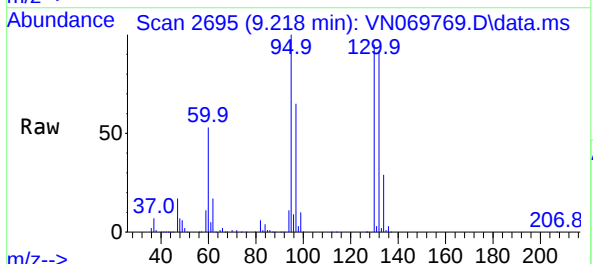
Manual Integrations
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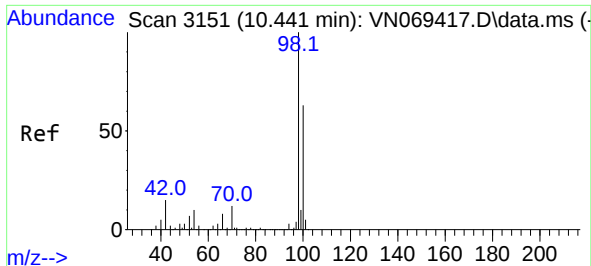
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 98.565 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.001 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

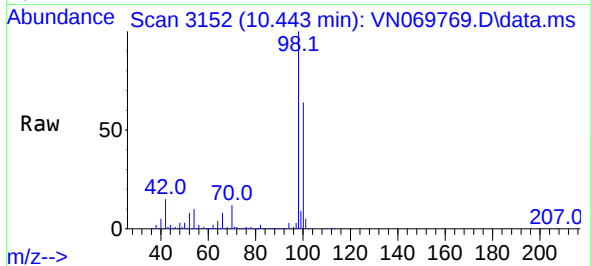
Tgt Ion:130 Resp: 1626207
Ion Ratio Lower Upper
130 100
95 104.8 0.0 191.2





#50
Toluene-d8
Concen: 50.492 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

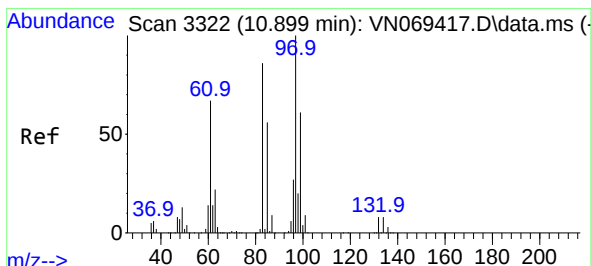
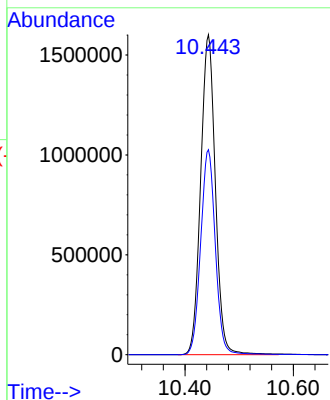
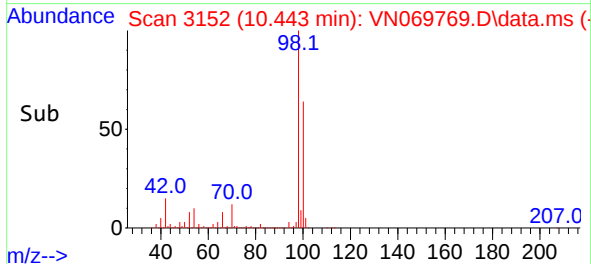
Instrument :
MSVOA_N
ClientSampleId :
DUP06-20211130



Tgt Ion: 98 Resp: 301685
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

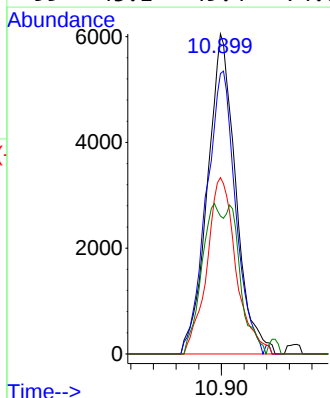
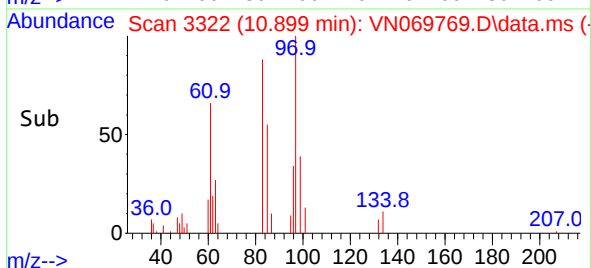
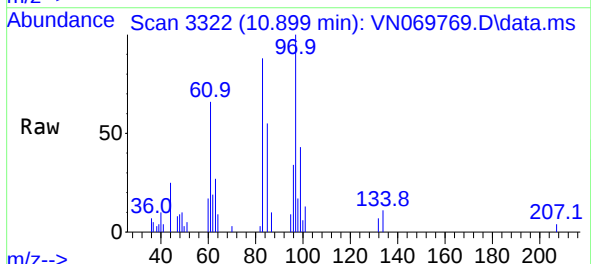
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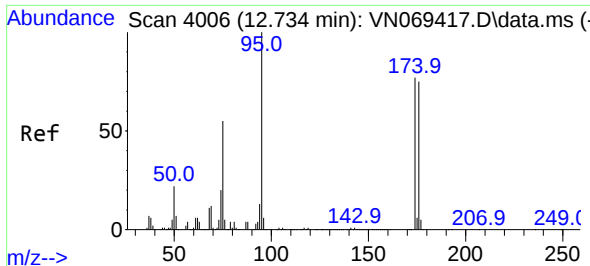
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#55
1,1,2-Trichloroethane
Concen: 0.614 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

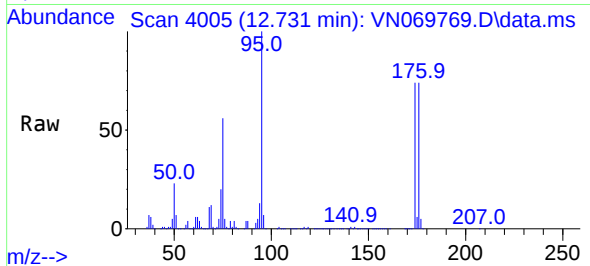
Tgt Ion: 97 Resp: 10457
Ion Ratio Lower Upper
97 100
83 87.6 67.8 101.6
85 55.1 45.4 68.2
99 43.1 49.4 74.0#





#62
4-Bromofluorobenzene
Concen: 51.507 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47

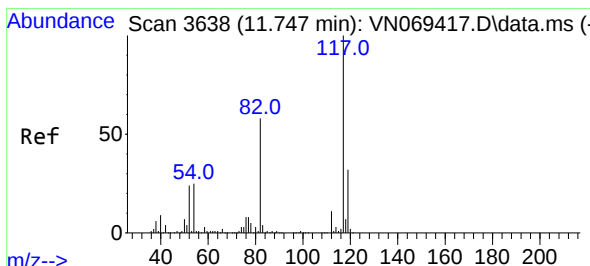
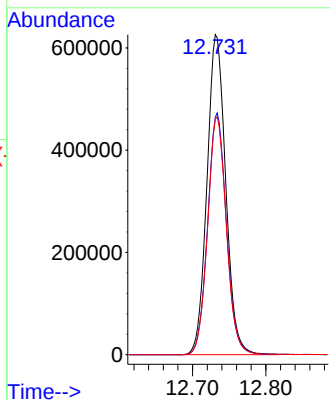
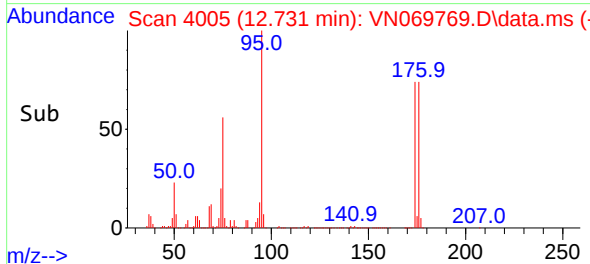
Instrument :
MSVOA_N
ClientSampleId :
DUP06-20211130



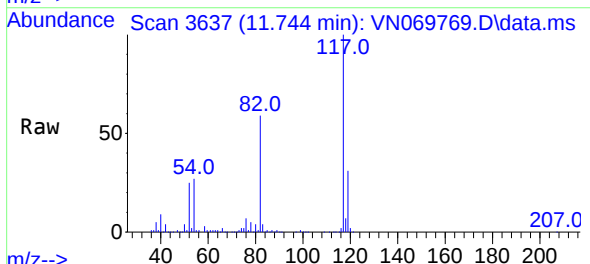
Tgt Ion: 95 Resp: 111492
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 74.3 0.0 181.4

Manual Integrations
APPROVED

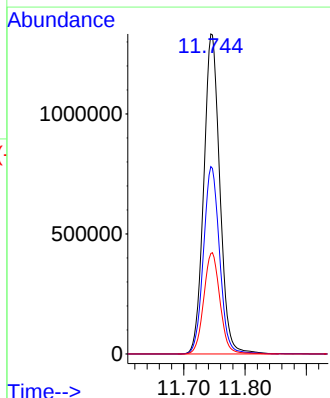
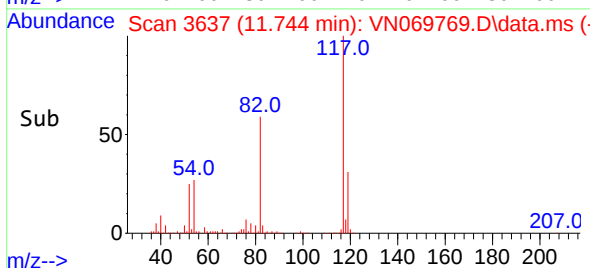
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

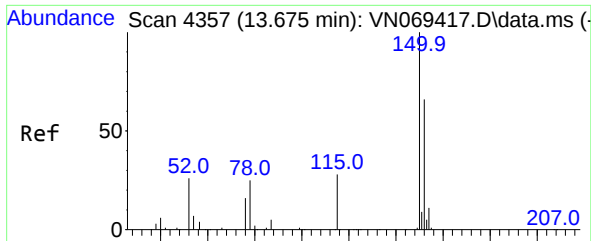


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069769.D
Acq: 4 Dec 2021 16:47



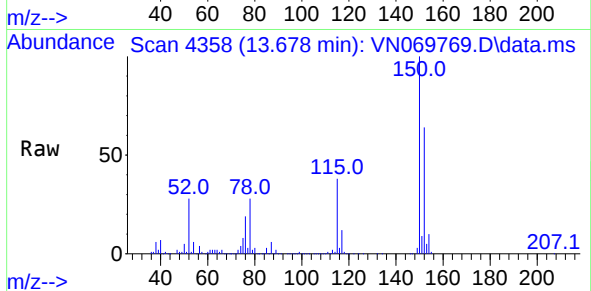
Tgt Ion:117 Resp: 2429434
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.4 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069769.D
 Acq: 4 Dec 2021 16:47

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP06-20211130



Tgt Ion:152 Resp: 900673
 Ion Ratio Lower Upper
 152 100
 115 60.6 27.5 82.5
 150 157.5 0.0 344.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/06/2021
 Supervised By :Mahesh Dadoda 12/06/2021

