

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075432.D
 Acq On : 25 Nov 2022 19:41
 Operator : JC\MD
 Sample : N5757-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20221121

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 28 03:39:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	135759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	39884	54.730	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.460%			
35) Dibromofluoromethane	8.171	113	47593	50.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	10.571	98	104103	49.304	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.600%			
62) 4-Bromofluorobenzene	12.853	95	71338	45.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.540%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.389	101	1408m	1.097	ug/l	
12) 1,1-Dichloroethene	4.342	96	1671	1.329	ug/l #	78
27) cis-1,2-Dichloroethene	7.489	96	1650	1.018	ug/l	71
30) Chloroform	7.971	83	813	0.297	ug/l #	62
38) Carbon Tetrachloride	8.359	117	2513	1.119	ug/l #	67
44) Trichloroethene	9.359	130	153897	89.855	ug/l	94
52) Toluene	10.630	92	1333	0.330	ug/l	84
55) 1,1,2-Trichloroethane	11.024	97	686	0.418	ug/l #	82

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

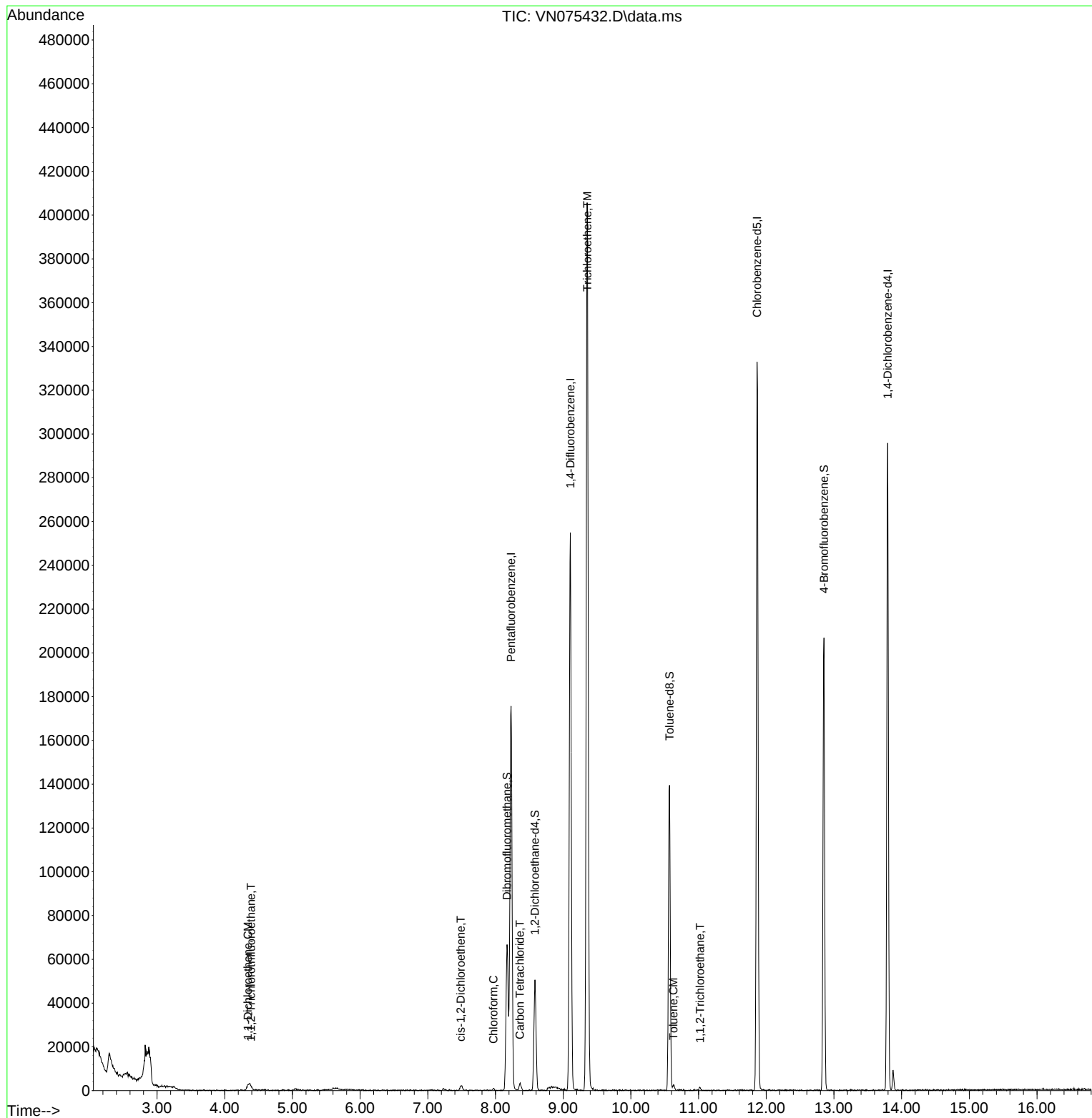
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
Data File : VN075432.D
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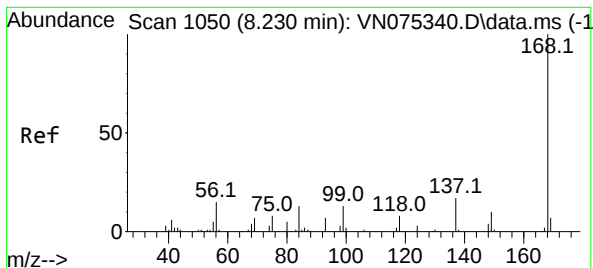
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121

Quant Time: Nov 28 03:39:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
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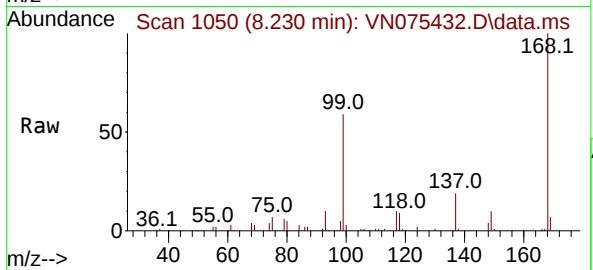
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

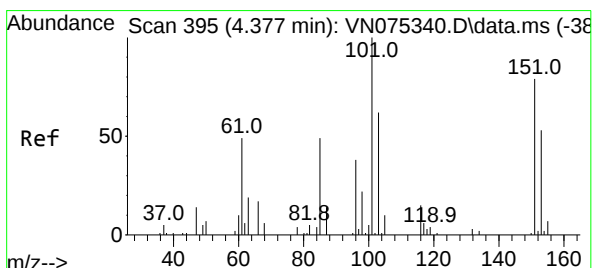
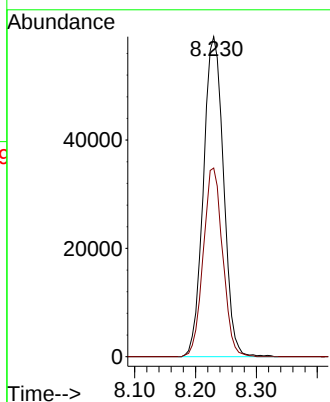
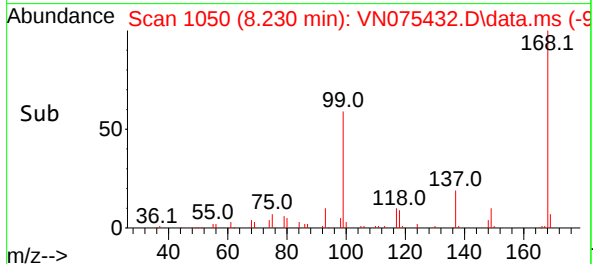
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121



Tgt Ion:168 Resp: 135759
Ion Ratio Lower Upper
168 100
99 59.0 51.6 77.4

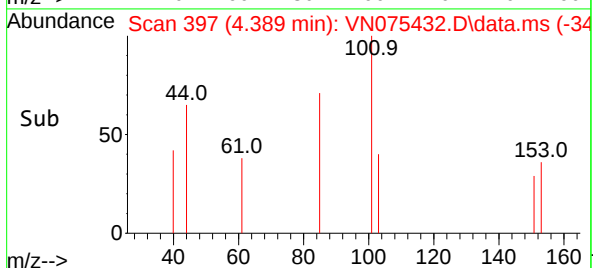
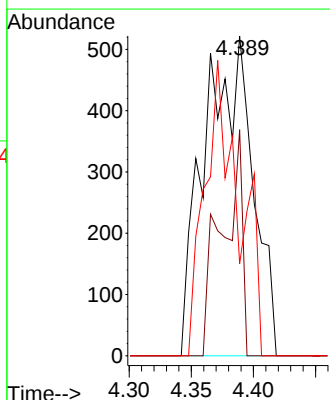
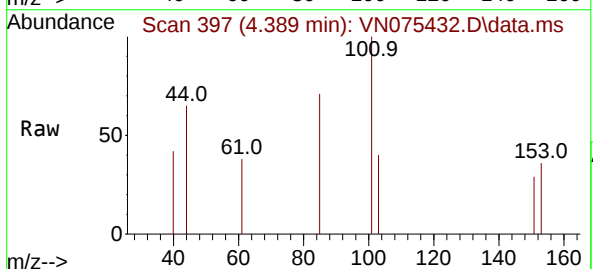
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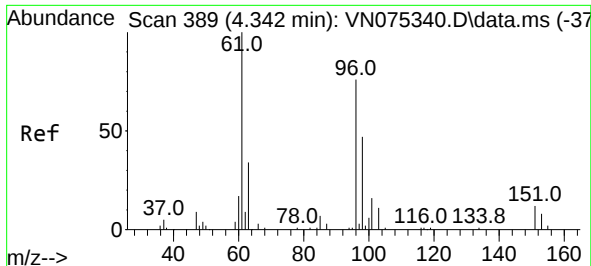
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.097 ug/l m
RT: 4.389 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion:101 Resp: 1408
Ion Ratio Lower Upper
101 100
85 0.0 37.6 56.4#
151 64.4 58.3 87.5





#12

1,1-Dichloroethene

Concen: 1.329 ug/l

RT: 4.342 min Scan# 389

Delta R.T. -0.000 min

Lab File: VN075432.D

Acq: 25 Nov 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20221121

Tgt Ion: 96 Resp: 167

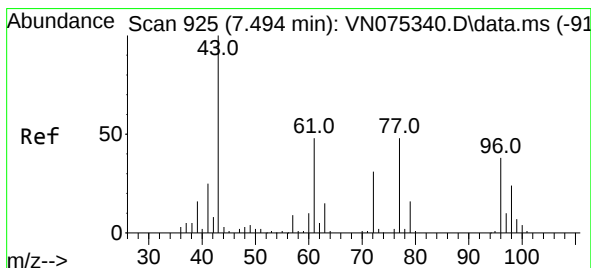
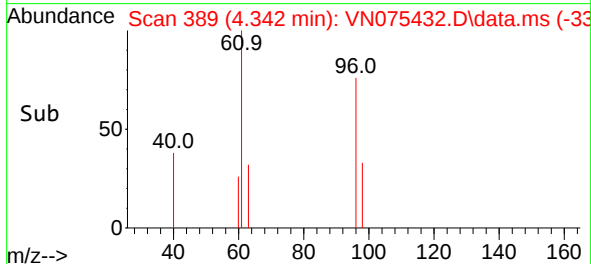
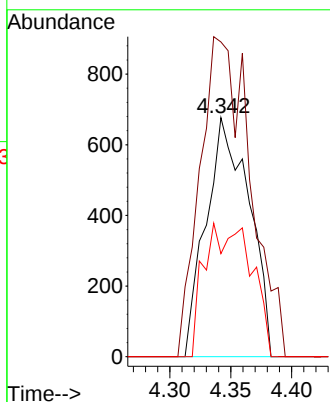
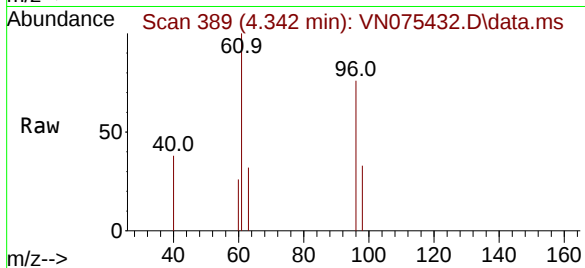
Ion	Ratio	Lower	Upper
96	100		
61	131.6	126.2	189.4
98	43.1	51.5	77.3

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#27

cis-1,2-Dichloroethene

Concen: 1.018 ug/l

RT: 7.489 min Scan# 924

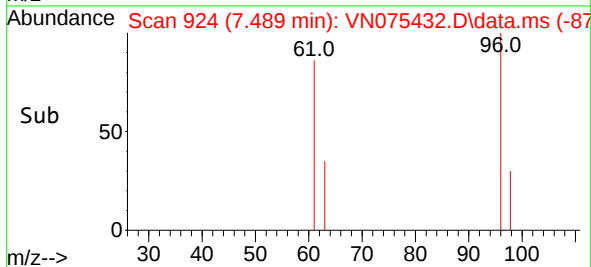
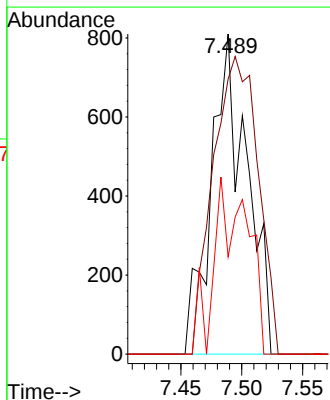
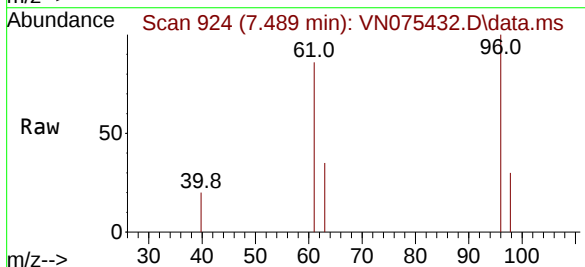
Delta R.T. -0.005 min

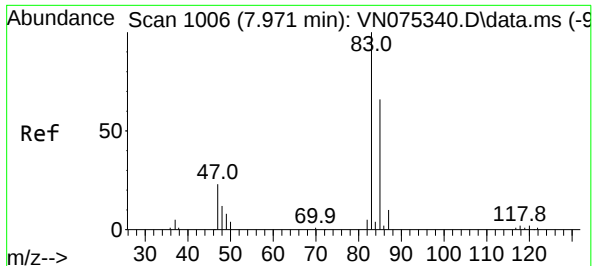
Lab File: VN075432.D

Acq: 25 Nov 2022 19:41

Tgt Ion: 96 Resp: 1650

Ion	Ratio	Lower	Upper
96	100		
61	117.3	0.0	278.8
98	24.2	0.0	128.4





#30

Chloroform

Concen: 0.297 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075432.D

Acq: 25 Nov 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20221121

Tgt Ion: 83 Resp: 81

Ion Ratio Lower Upper

83 100

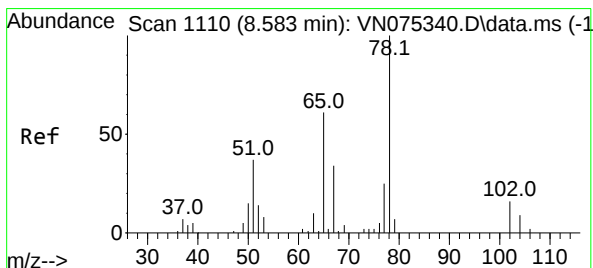
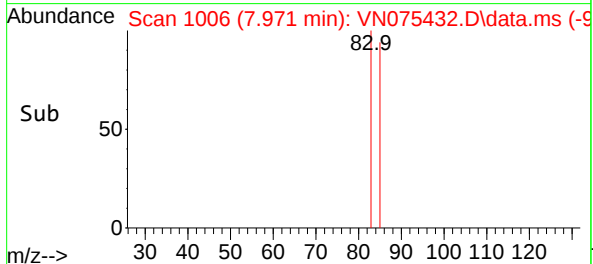
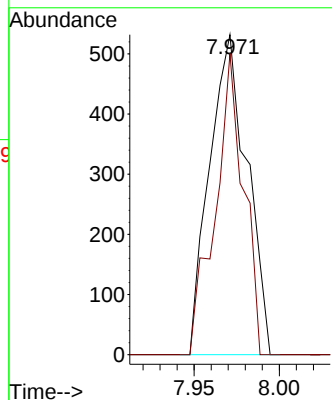
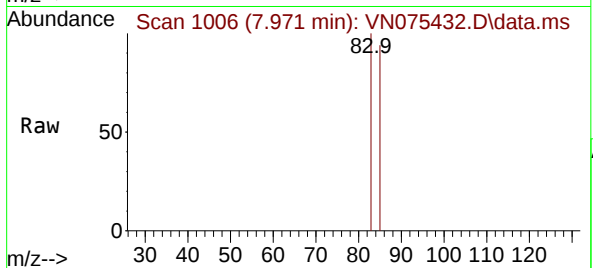
85 94.2 51.4 77.0

Manual Integrations

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Supervised By :Mahesh Dadoda 11/28/2022



#33

1,2-Dichloroethane-d4

Concen: 54.730 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075432.D

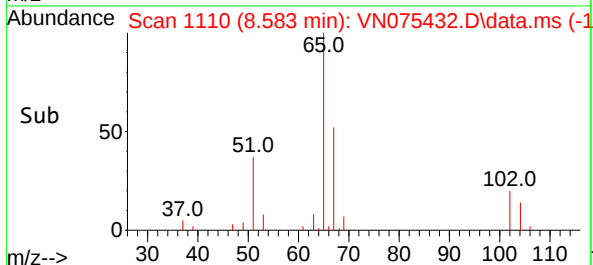
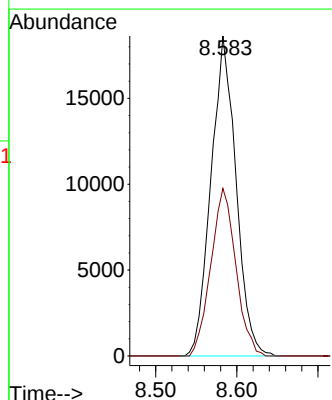
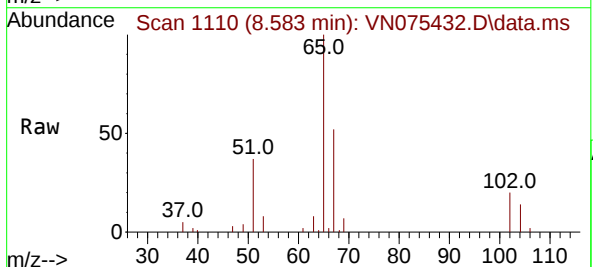
Acq: 25 Nov 2022 19:41

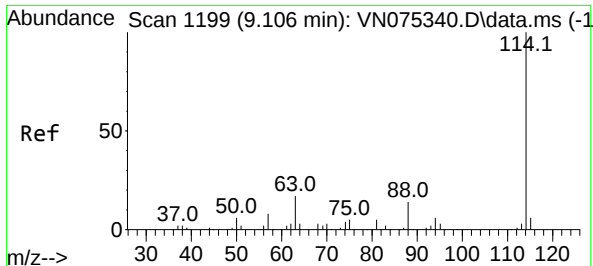
Tgt Ion: 65 Resp: 39884

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075432.D

Acq: 25 Nov 2022 19:41

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20221121

Tgt Ion:114 Resp: 238644

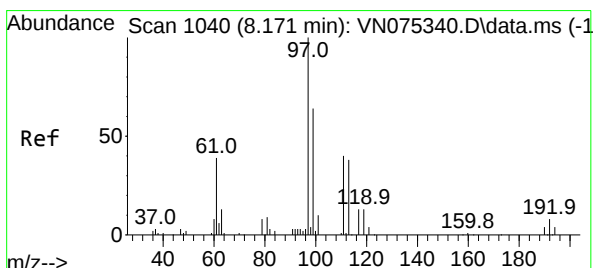
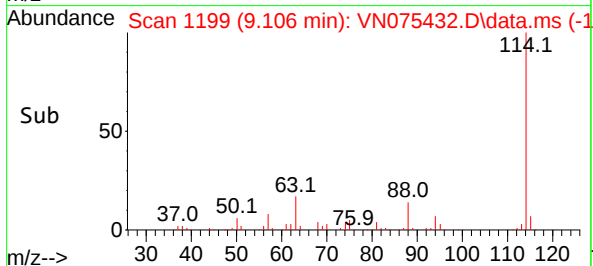
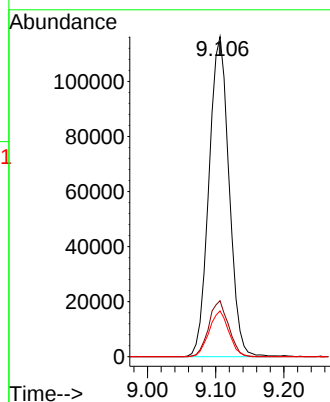
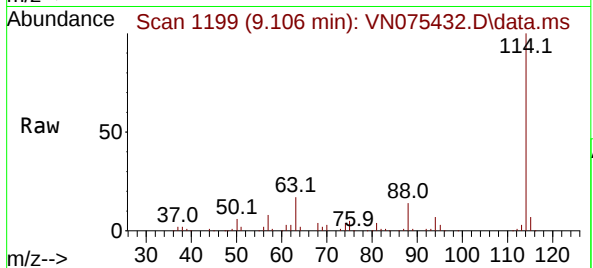
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	39.6
88	14.3	0.0	29.0

Manual Integrations

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Supervised By :Mahesh Dadoda 11/28/2022



#35

Dibromofluoromethane

Concen: 50.767 ug/l

RT: 8.171 min Scan# 1040

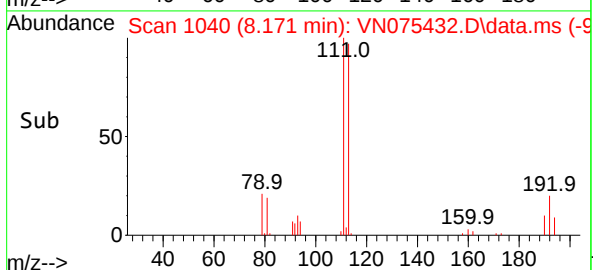
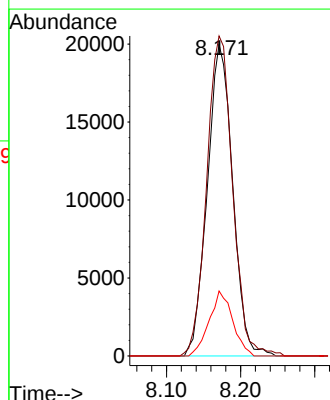
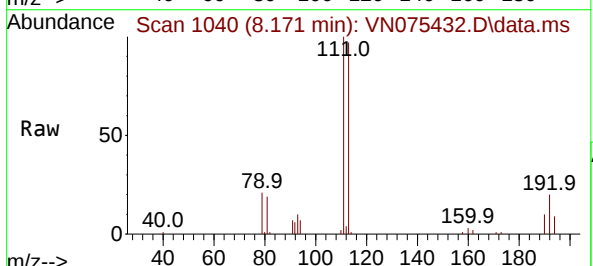
Delta R.T. 0.000 min

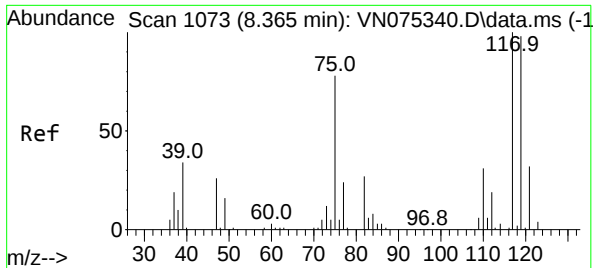
Lab File: VN075432.D

Acq: 25 Nov 2022 19:41

Tgt Ion:113 Resp: 47593

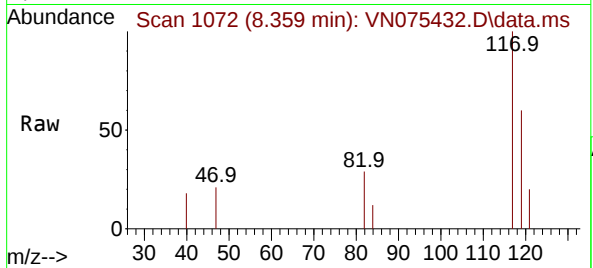
Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.5	120.7
192	19.3	13.2	19.8





#38
Carbon Tetrachloride
Concen: 1.119 ug/l
RT: 8.359 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

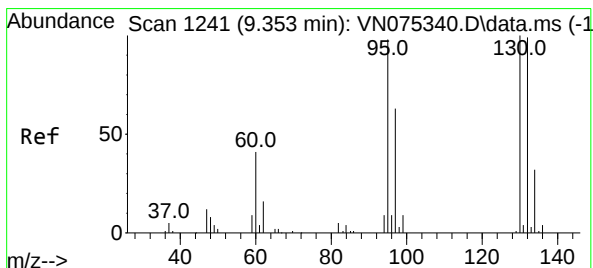
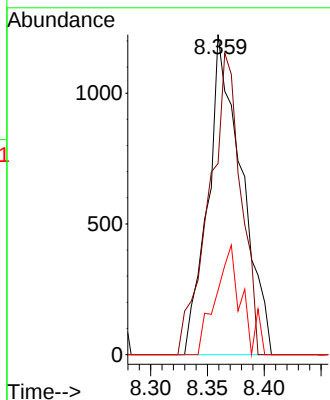
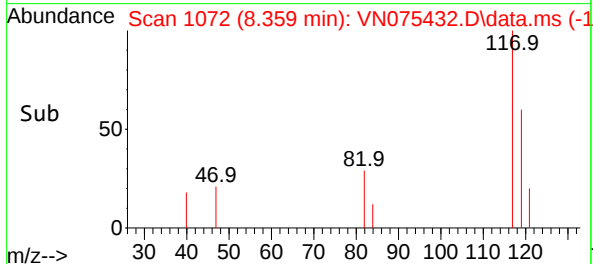
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121



Tgt Ion:117 Resp: 251
Ion Ratio Lower Upper
117 100
119 59.7 76.7 115.1
121 20.1 23.9 35.9

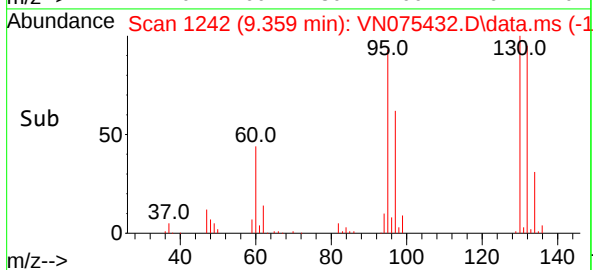
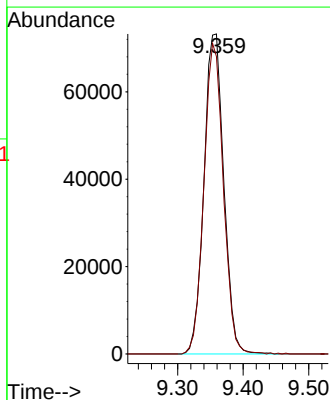
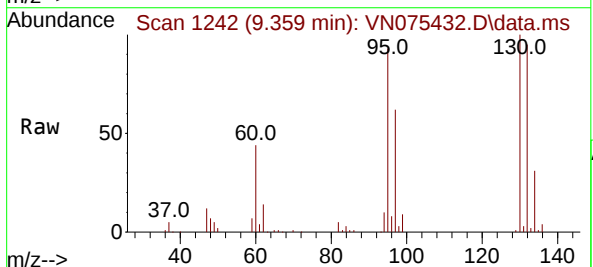
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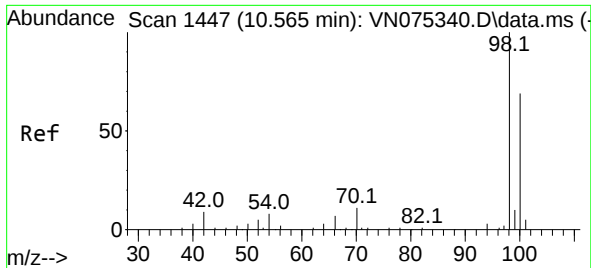
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#44
Trichloroethene
Concen: 89.855 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion:130 Resp: 153897
Ion Ratio Lower Upper
130 100
95 93.0 0.0 198.4





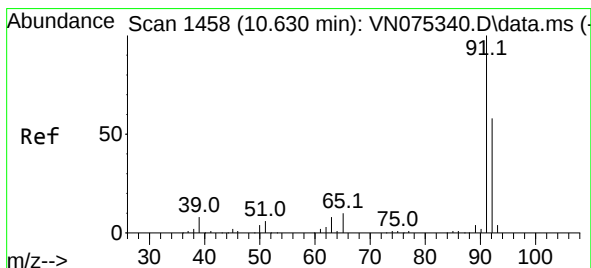
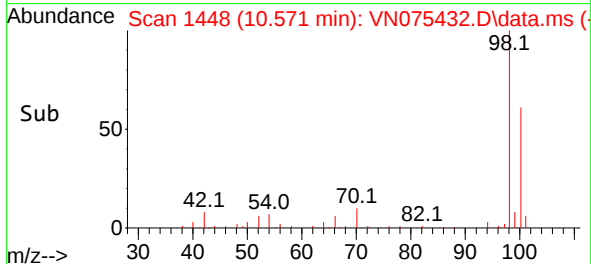
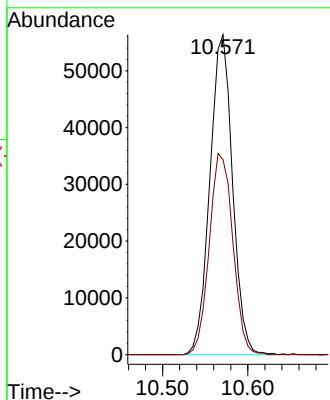
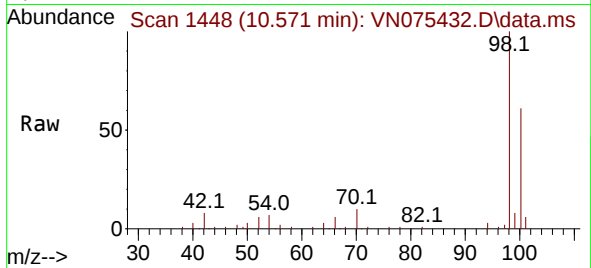
#50
Toluene-d8
Concen: 49.304 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121

Tgt Ion: 98 Resp: 10410
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.6

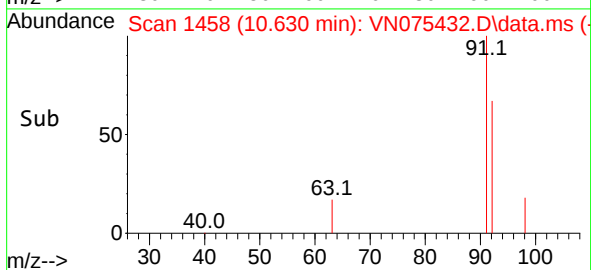
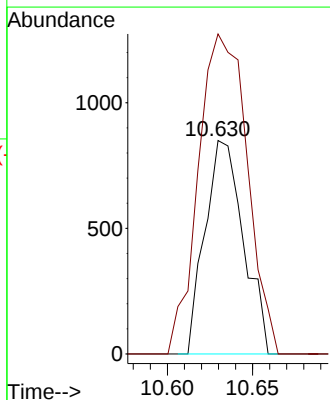
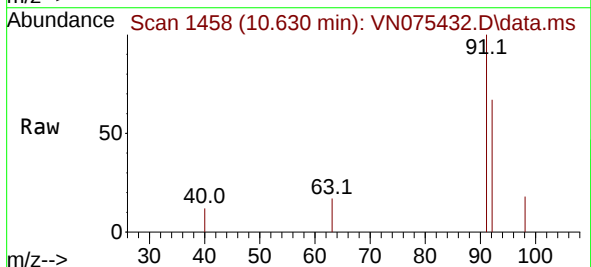
Manual Integrations
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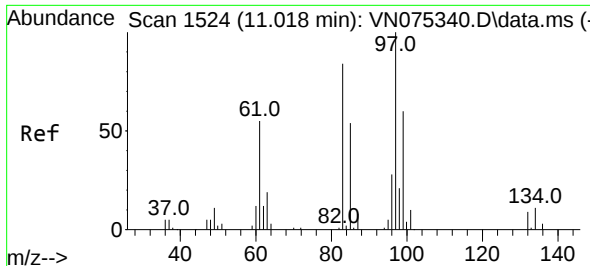
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#52
Toluene
Concen: 0.330 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

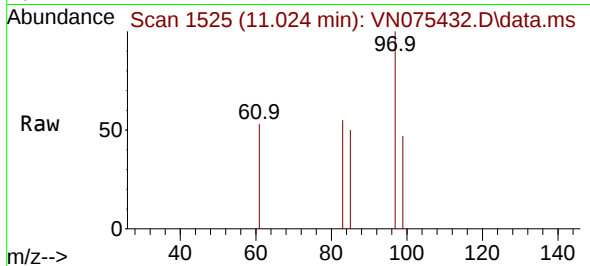
Tgt Ion: 92 Resp: 1333
Ion Ratio Lower Upper
92 100
91 190.6 135.4 203.2





#55
1,1,2-Trichloroethane
Concen: 0.418 ug/l
RT: 11.024 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121

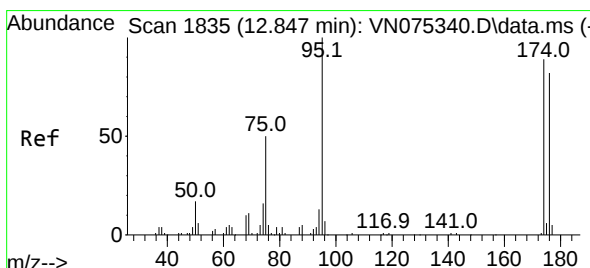
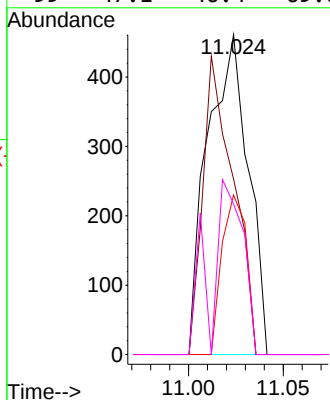
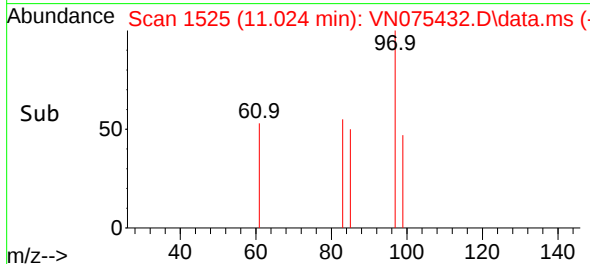


Tgt Ion: 97 Resp: 680

Ion	Ratio	Lower	Upper
97	100		
83	54.9	65.9	98.9
85	49.9	40.4	60.6
99	47.1	46.4	69.6

Manual Integrations
APPROVED

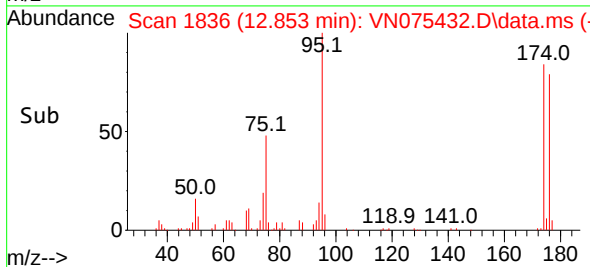
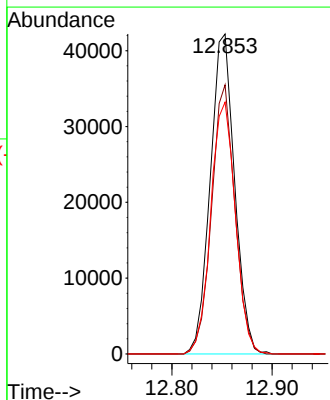
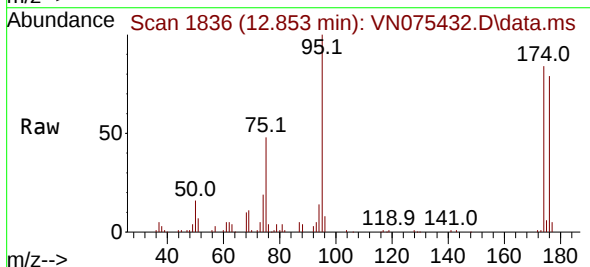
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

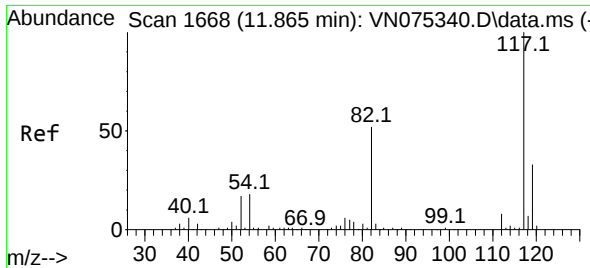


#62
4-Bromofluorobenzene
Concen: 45.774 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion: 95 Resp: 71338

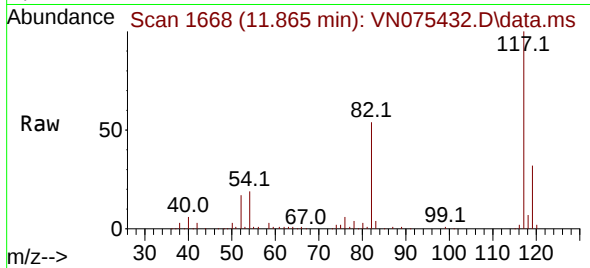
Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	147.4
176	79.6	0.0	142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

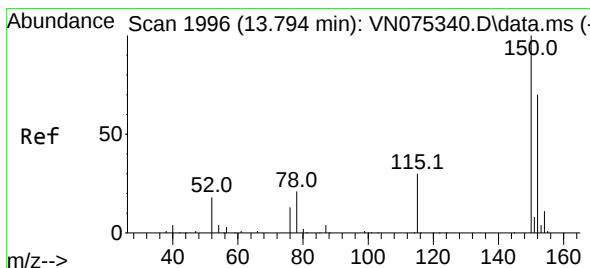
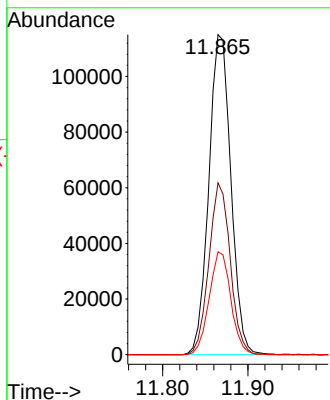
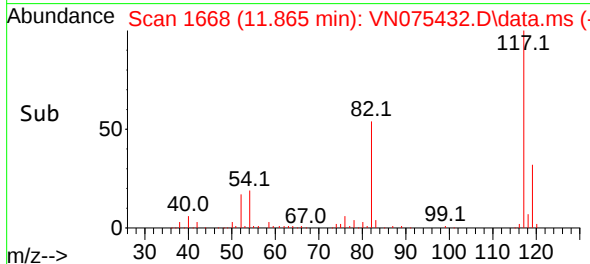
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20221121



Tgt Ion:117 Resp: 206884
Ion Ratio Lower Upper
117 100
82 53.7 43.1 64.7
119 32.1 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075432.D
Acq: 25 Nov 2022 19:41

Tgt Ion:152 Resp: 81798
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 160.8 0.0 348.4

