

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074564.D
 Acq On : 17 Sep 2022 18:30
 Operator : JC\MD
 Sample : N4688-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-478-480

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 19 02:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	255534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	493092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	502972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	217867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	207961	47.964	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.920%		
35) Dibromofluoromethane	7.951	113	169208	51.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.320%		
50) Toluene-d8	10.380	98	613604	48.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.880%		
62) 4-Bromofluorobenzene	12.674	95	229347	52.862	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.720%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	2198	0.790	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.145	101	12843m	3.755	ug/l	
12) 1,1-Dichloroethene	4.116	96	2025	1.277	ug/l #	63
16) Acetone	4.228	43	8239	2.970	ug/l	96
18) Methyl Acetate	4.787	43	2439	0.283	ug/l #	77
27) cis-1,2-Dichloroethene	7.245	96	5433	1.148	ug/l	83
30) Chloroform	7.745	83	3457	0.464	ug/l	84
44) Trichloroethene	9.151	130	185290	47.762	ug/l	94

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

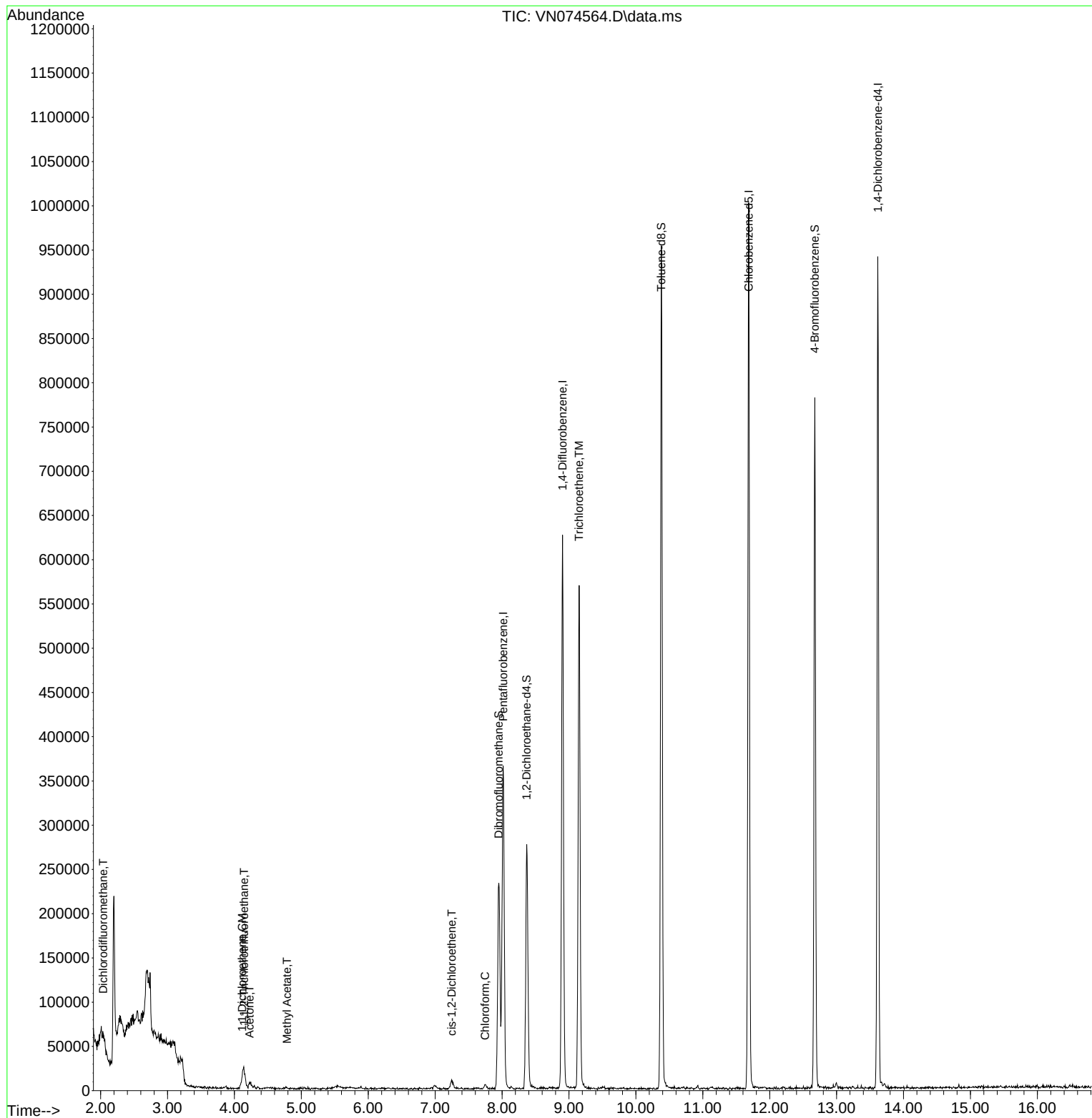
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
Data File : VN074564.D
Acq On : 17 Sep 2022 18:30
Operator : JC\MD
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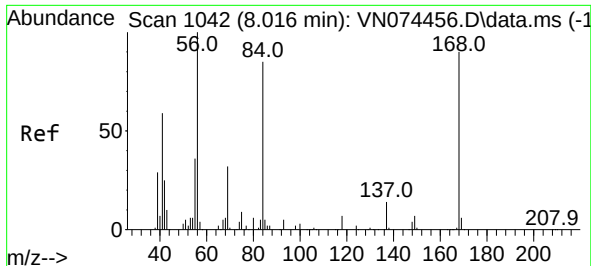
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480

Quant Time: Sep 19 02:57:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

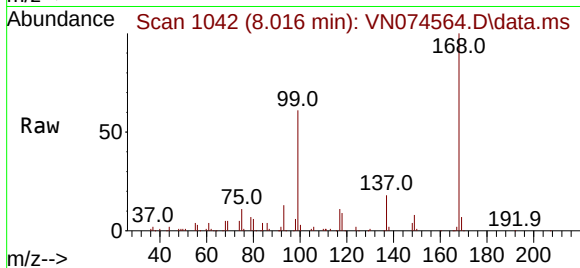
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30

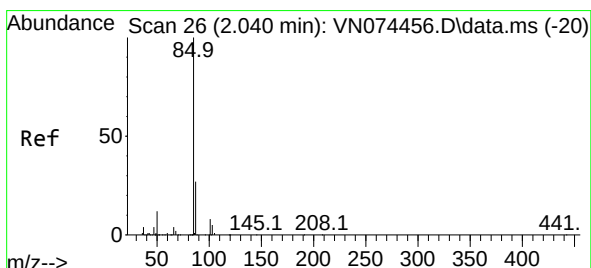
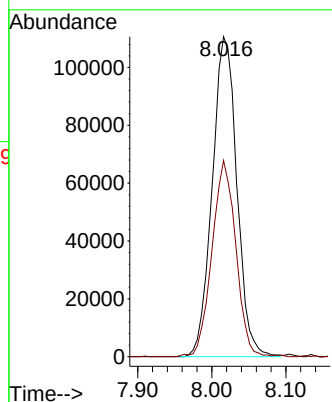
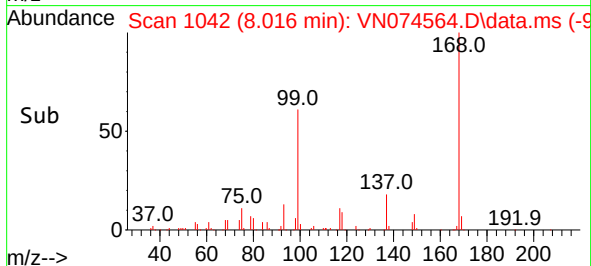
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480



Tgt Ion: 168 Resp: 255534
Ion Ratio Lower Upper
168 100
99 61.0 42.3 63.5

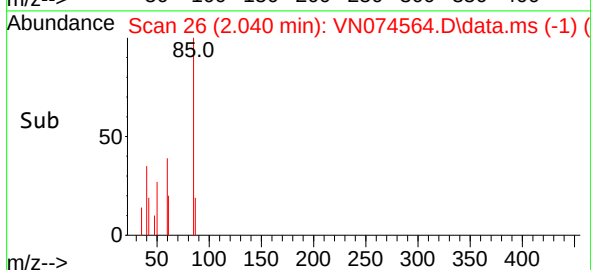
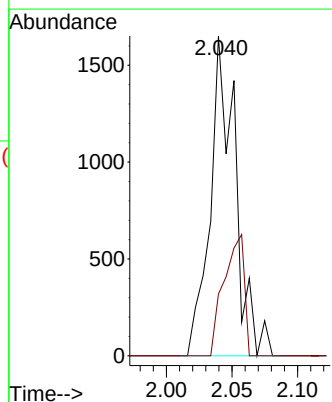
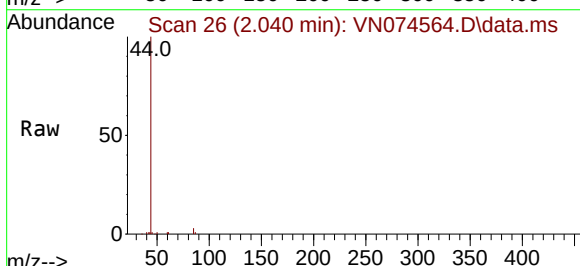
Manual Integrations
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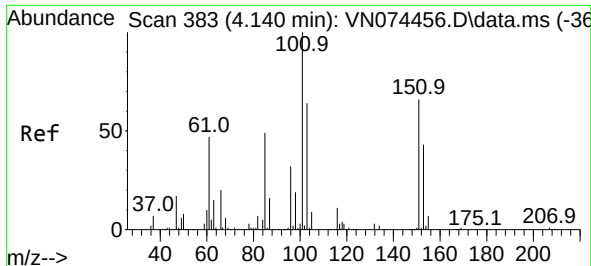
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#2
Dichlorodifluoromethane
Concen: 0.790 ug/l
RT: 2.040 min Scan# 26
Delta R.T. -0.000 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30

Tgt Ion: 85 Resp: 2198
Ion Ratio Lower Upper
85 100
87 19.3 15.7 47.1





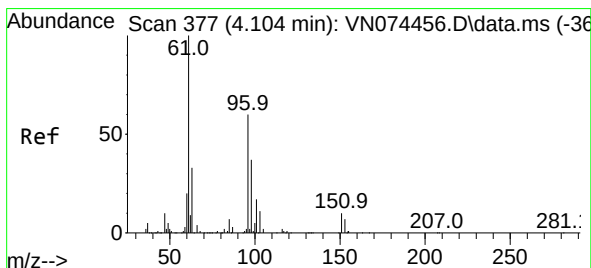
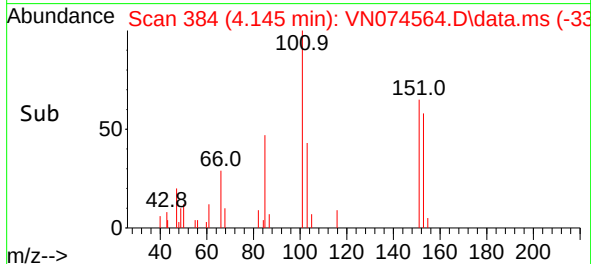
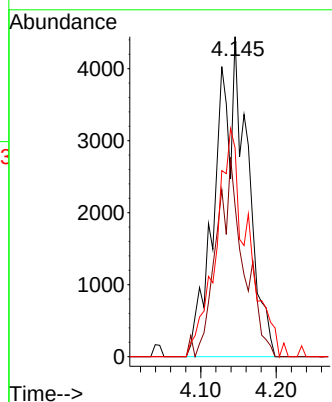
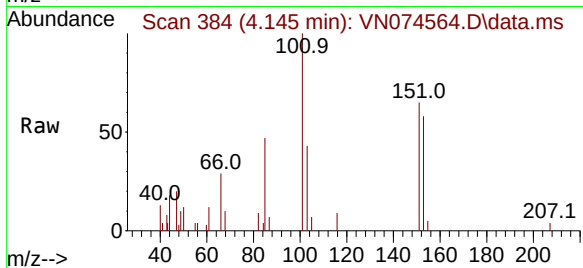
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.755 ug/l m
RT: 4.145 min Scan# 383
Delta R.T. 0.005 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480

Tgt Ion: 101 Resp: 1284
Ion Ratio Lower Upper
101 100
85 53.5 34.7 52.1
151 72.2 63.0 94.4

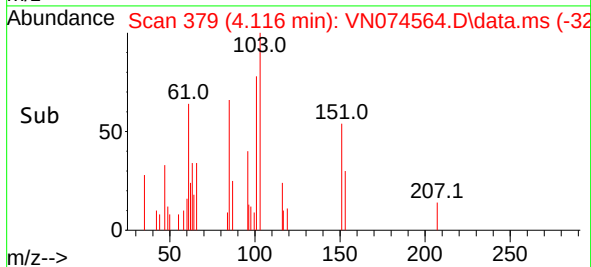
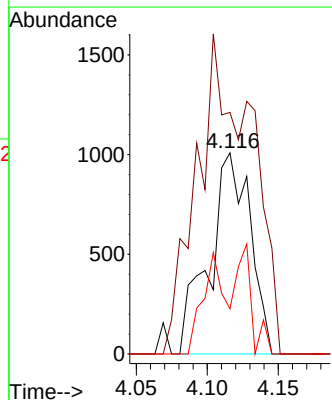
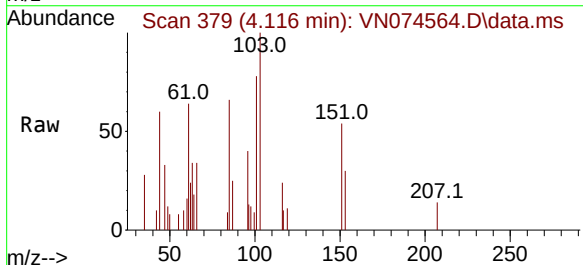
Manual Integrations
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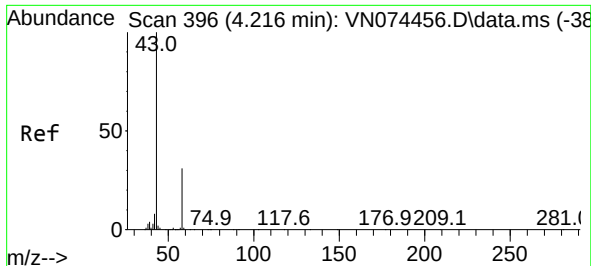
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#12
1,1-Dichloroethene
Concen: 1.277 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30

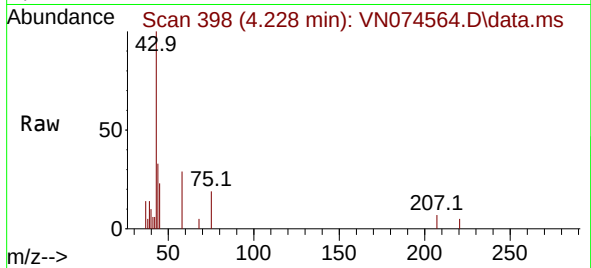
Tgt Ion: 96 Resp: 2025
Ion Ratio Lower Upper
96 100
61 120.1 127.6 191.4#
98 22.5 51.2 76.8#





#16
Acetone
Concen: 2.970 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30

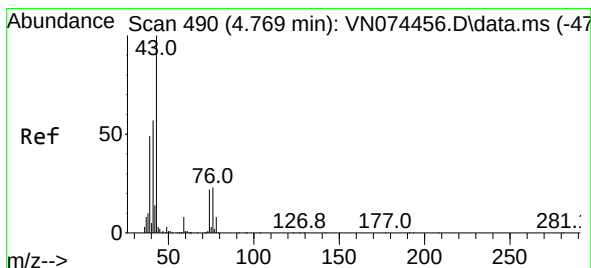
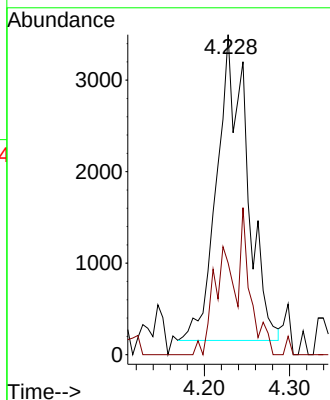
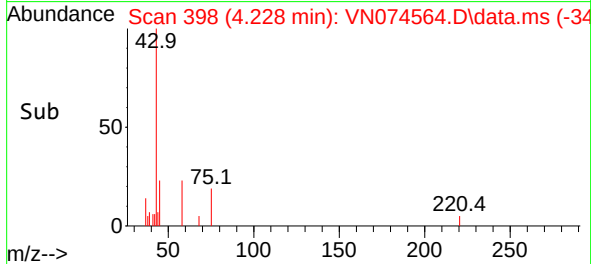
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480



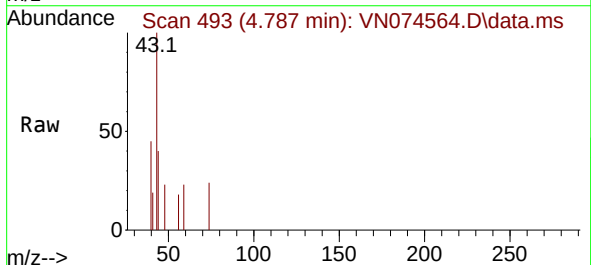
Tgt Ion: 43 Resp: 8239
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0

Manual Integrations
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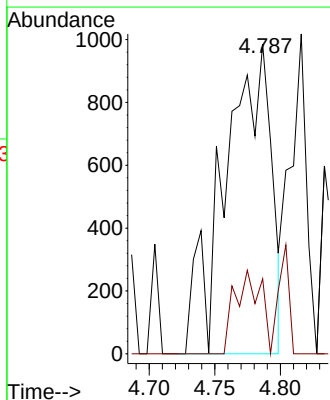
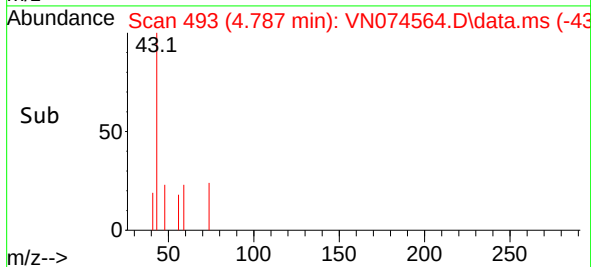
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

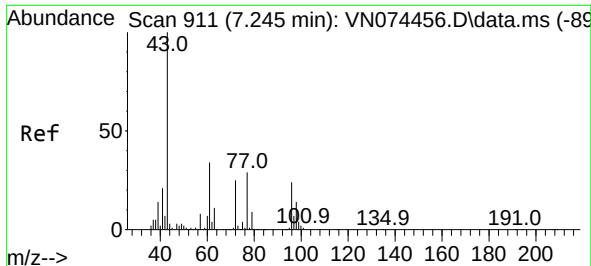


#18
Methyl Acetate
Concen: 0.283 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.018 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30



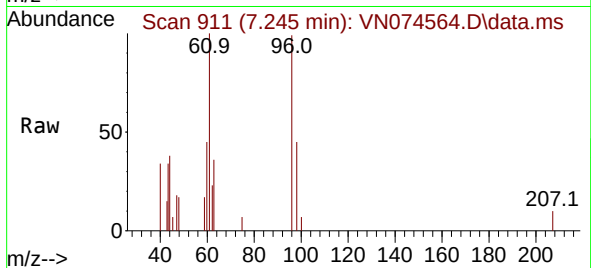
Tgt Ion: 43 Resp: 2439
Ion Ratio Lower Upper
43 100
74 14.9 21.6 32.4#





#27
 cis-1,2-Dichloroethene
 Concen: 1.148 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074564.D
 Acq: 17 Sep 2022 18:30

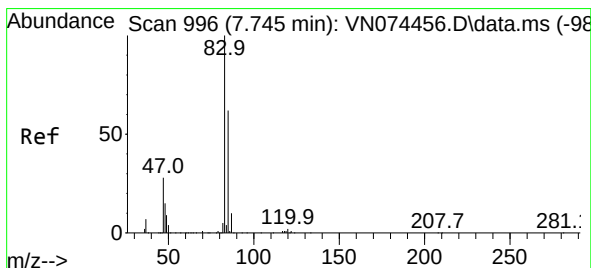
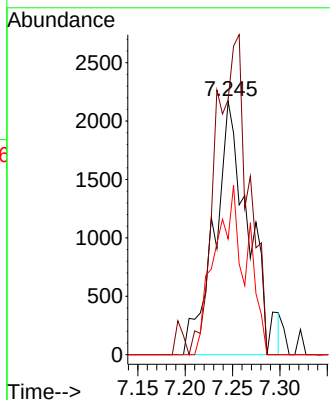
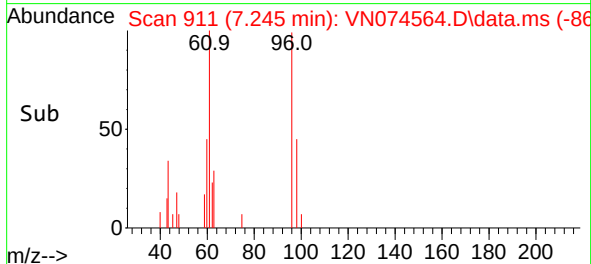
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-478-480



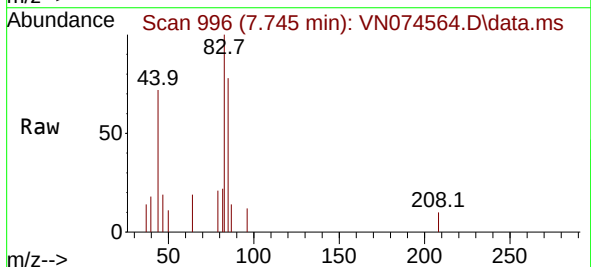
Tgt Ion: 96 Resp: 543
 Ion Ratio Lower Upper
 96 100
 61 121.0 0.0 280.6
 98 48.8 0.0 128.4

Manual Integrations
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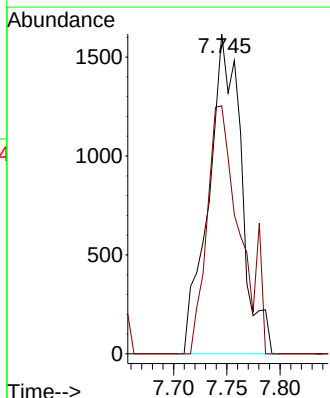
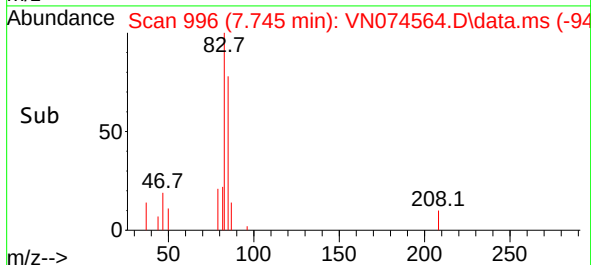
Reviewed By :John Carlone 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

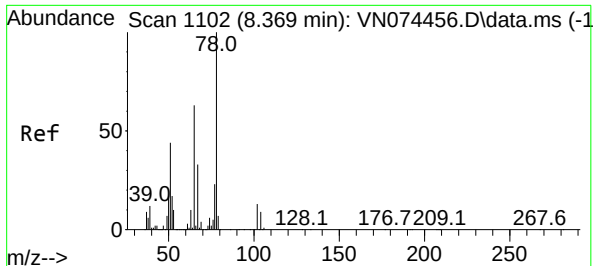


#30
 Chloroform
 Concen: 0.464 ug/l
 RT: 7.745 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN074564.D
 Acq: 17 Sep 2022 18:30



Tgt Ion: 83 Resp: 3457
 Ion Ratio Lower Upper
 83 100
 85 77.6 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 47.964 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074564.D

Acq: 17 Sep 2022 18:30

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-478-480

Tgt Ion: 65 Resp: 20796

Ion Ratio Lower Upper

65 100

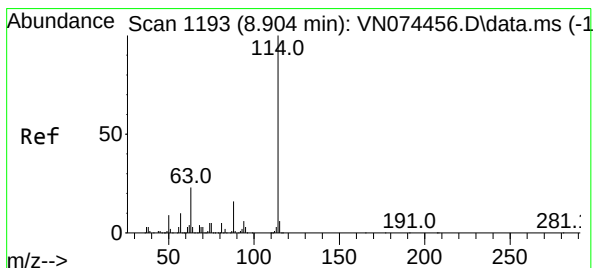
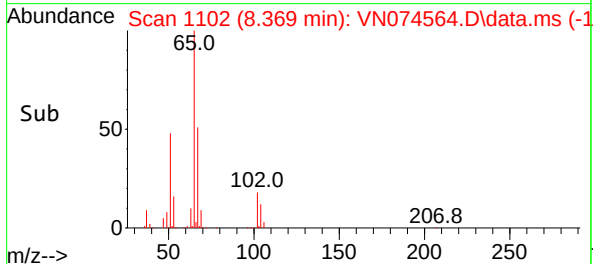
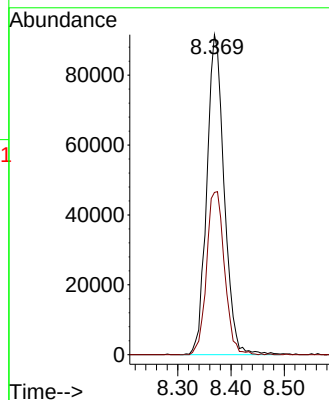
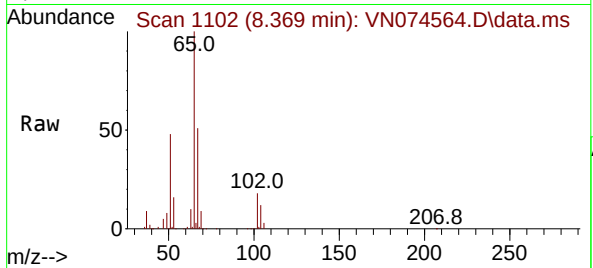
67 52.5 0.0 104.8

Manual Integrations

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Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074564.D

Acq: 17 Sep 2022 18:30

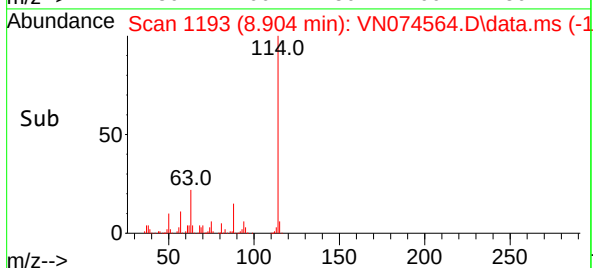
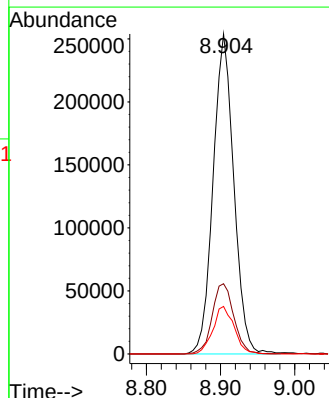
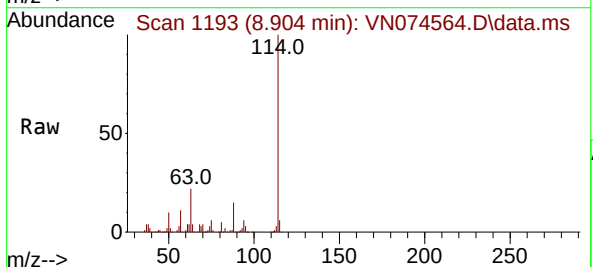
Tgt Ion:114 Resp: 493092

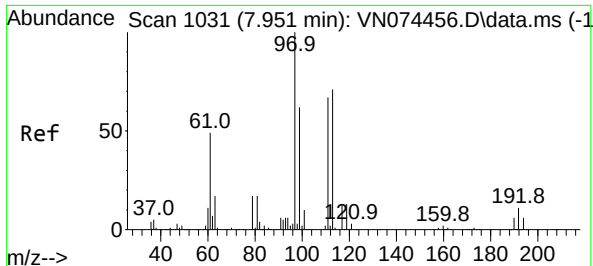
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.658 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074564.D

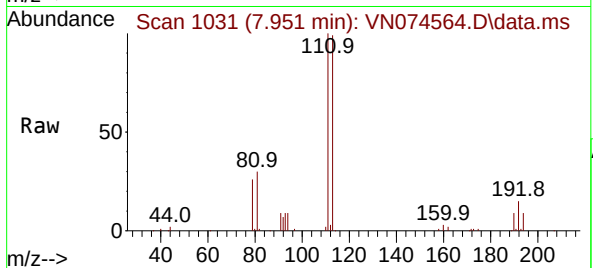
Acq: 17 Sep 2022 18:30

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-478-480



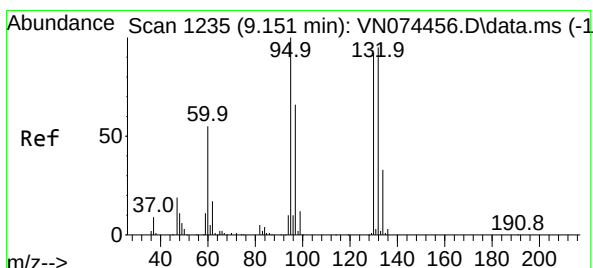
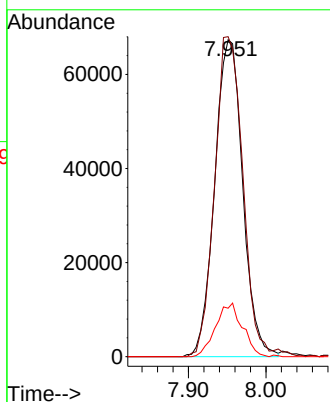
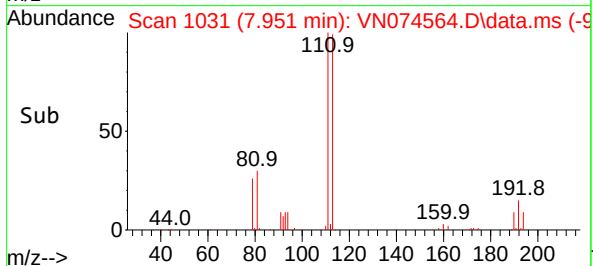
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	16.2	17.0	25.6

Manual Integrations

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#44

Trichloroethene

Concen: 47.762 ug/l

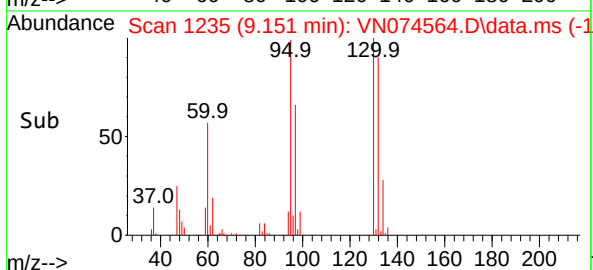
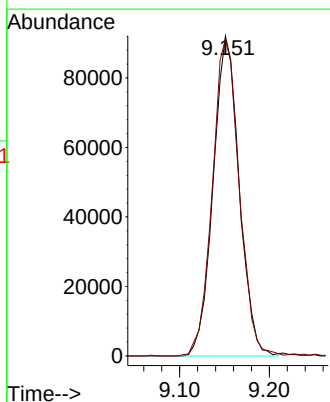
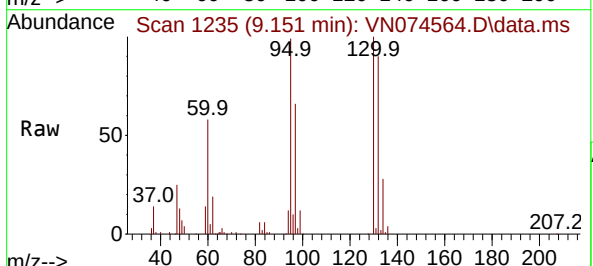
RT: 9.151 min Scan# 1235

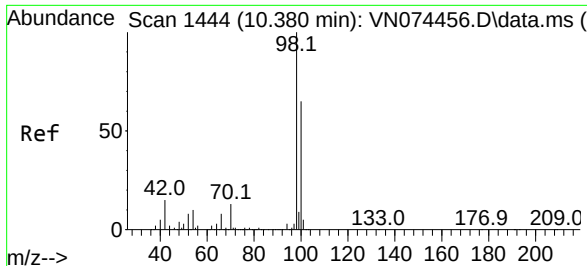
Delta R.T. -0.000 min

Lab File: VN074564.D

Acq: 17 Sep 2022 18:30

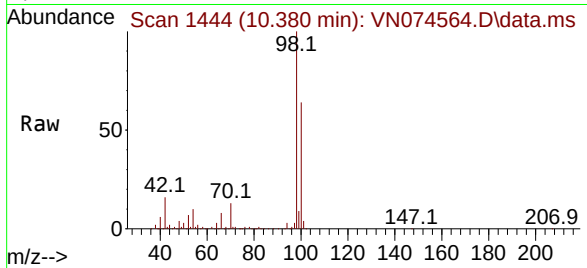
Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	186.8





#50
Toluene-d8
Concen: 48.439 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30

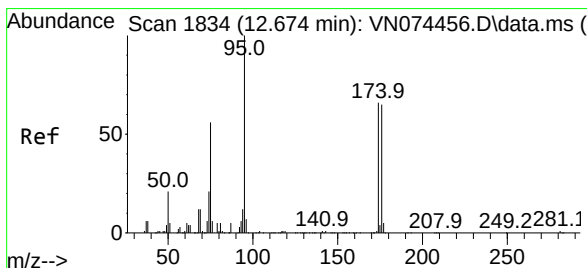
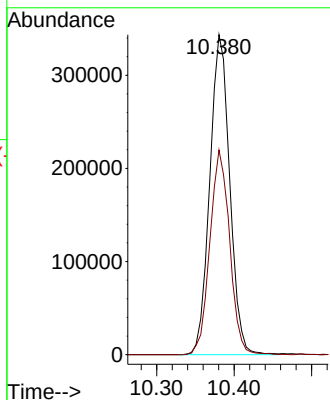
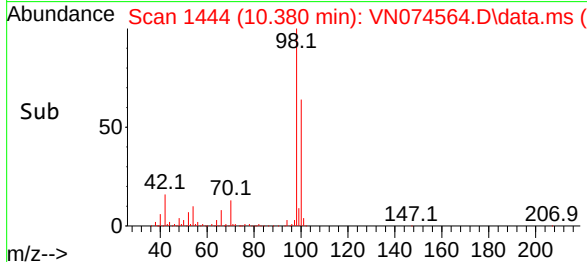
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480



Tgt Ion: 98 Resp: 613604
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8

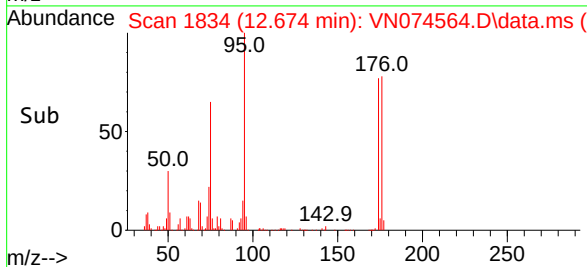
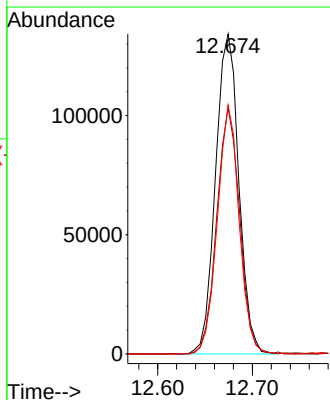
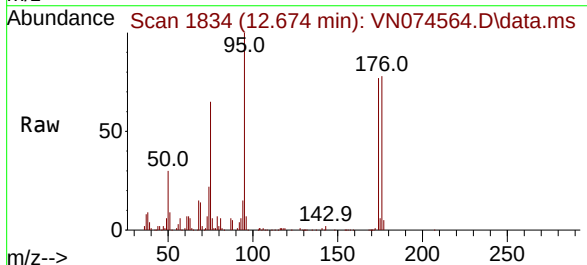
Manual Integrations
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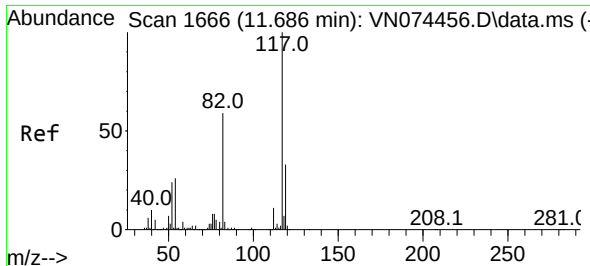
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
4-Bromofluorobenzene
Concen: 52.862 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30

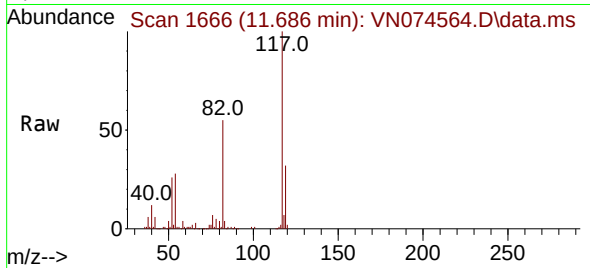
Tgt Ion: 95 Resp: 229347
Ion Ratio Lower Upper
95 100
174 75.7 0.0 167.6
176 73.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30

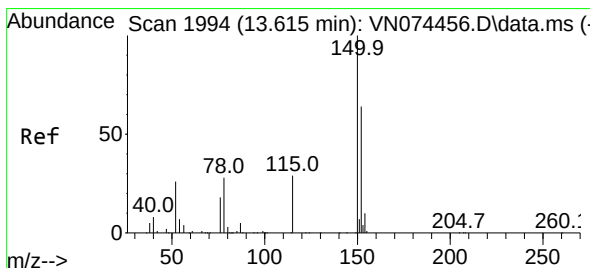
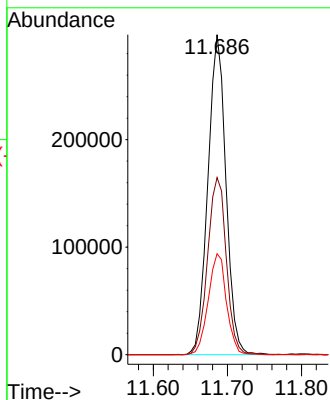
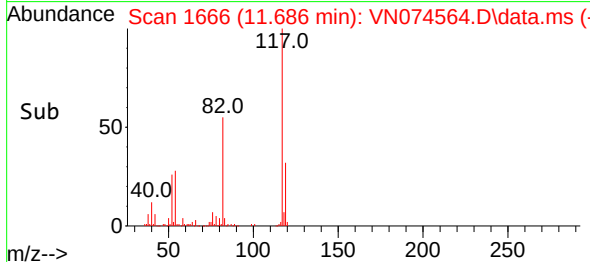
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-478-480



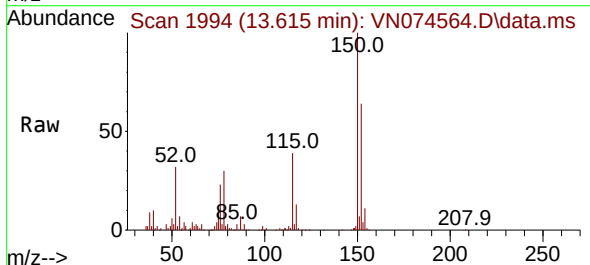
Tgt Ion:117 Resp: 502972
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.6 25.4 38.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074564.D
Acq: 17 Sep 2022 18:30



Tgt Ion:152 Resp: 217867
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.7
150 159.8 0.0 356.2

