

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080611.D
 Acq On : 29 Dec 2023 13:36
 Operator : JC\MD
 Sample : PB158132ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158132ZHE#03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 29 23:41:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	312504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	569845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	257522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	200258	49.958	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.920%		
35) Dibromofluoromethane	8.171	113	234955	71.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	143.160%#		
50) Toluene-d8	10.571	98	706751	61.668	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	123.340%#		
62) 4-Bromofluorobenzene	12.853	95	280241	72.657	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	145.320%#		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	9791	1.599	ug/l	92
16) Acetone	4.430	43	66901	61.396	ug/l	96
20) Methylene Chloride	5.277	84	26793	7.706	ug/l	88
25) 2-Butanone	7.489	43	13570	6.663	ug/l #	70
29) Tetrahydrofuran	7.841	42	8425	6.343	ug/l #	82
37) Ethyl Acetate	7.553	43	7295m	1.914	ug/l	
43) Isopropyl Acetate	8.694	43	185289	29.990	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	22363	6.364	ug/l #	80

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

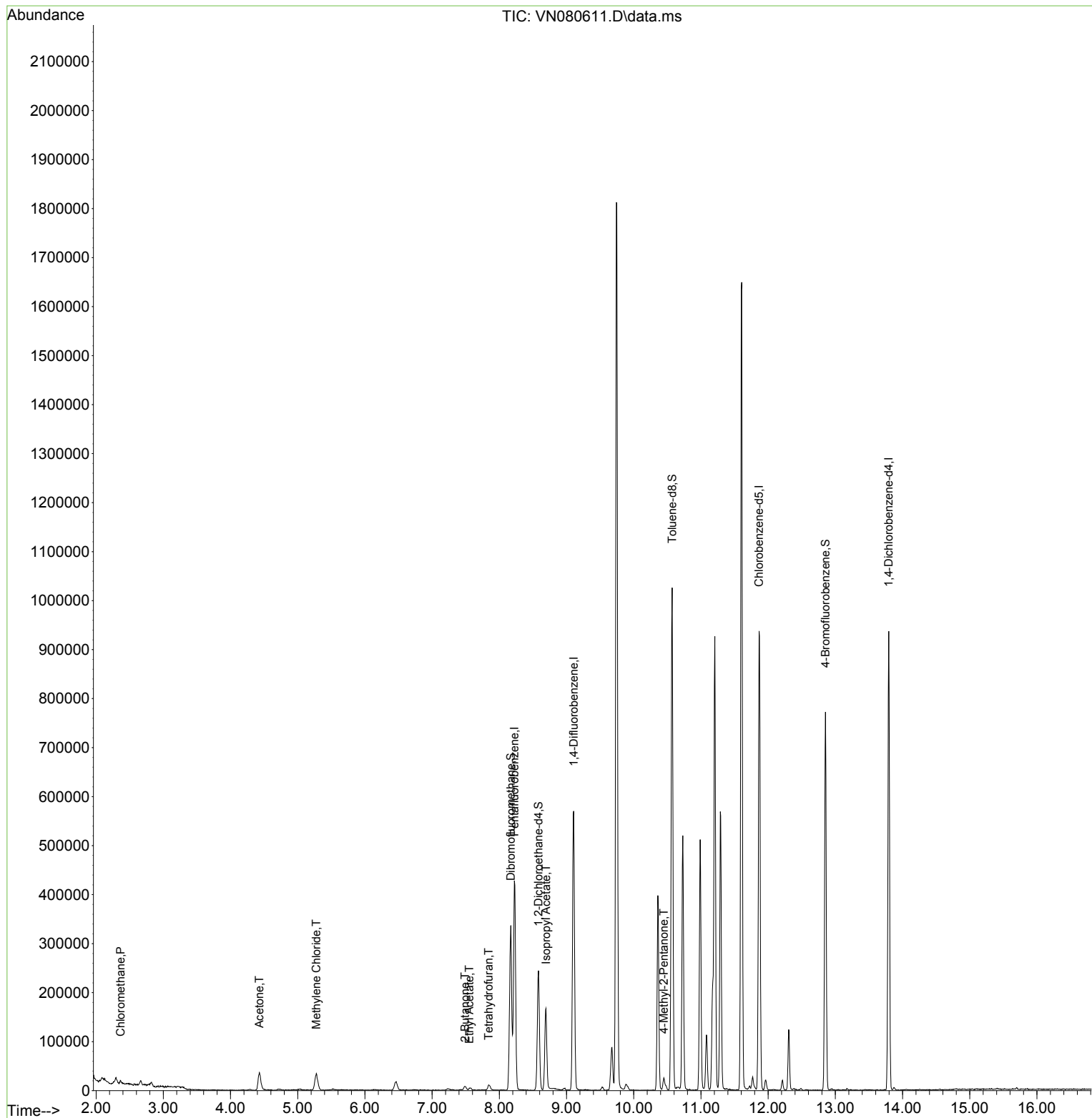
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
Data File : VN080611.D
Acq On : 29 Dec 2023 13:36
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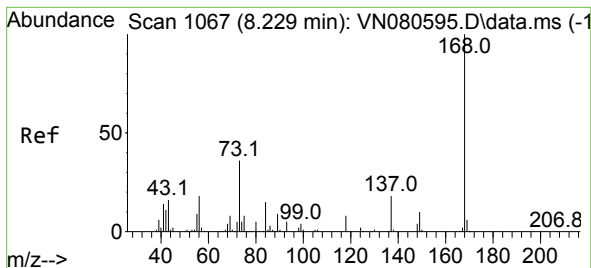
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

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Supervised By : Mahesh Dadoda 01/01/2024

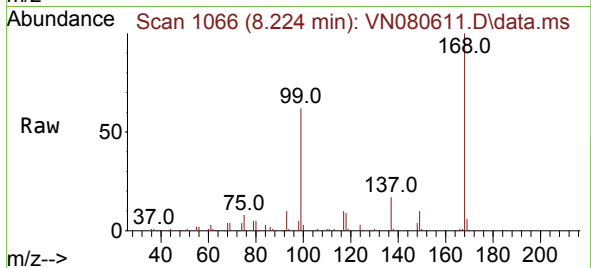
Quant Time: Dec 29 23:41:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

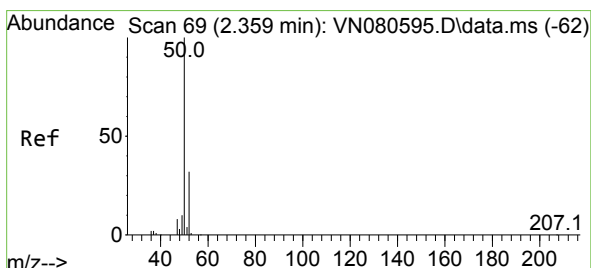
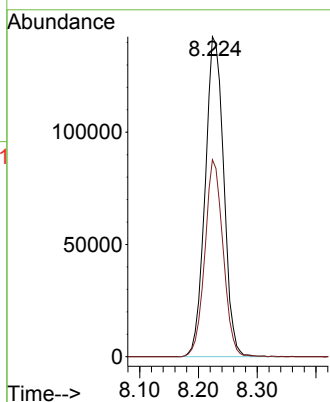
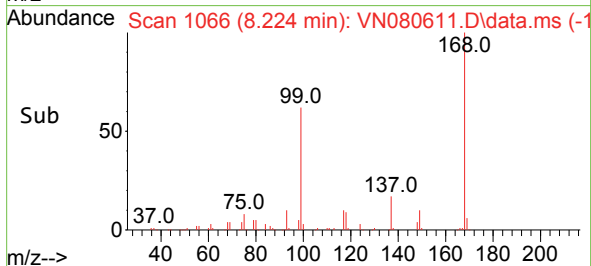
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03



Tgt Ion:168 Resp: 312504
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6

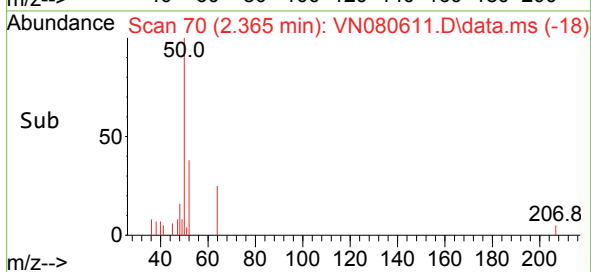
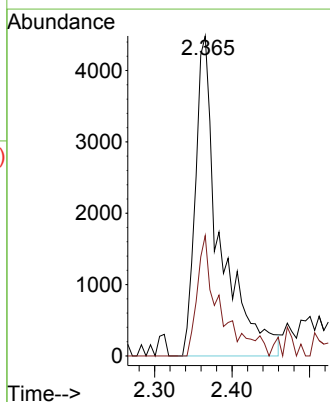
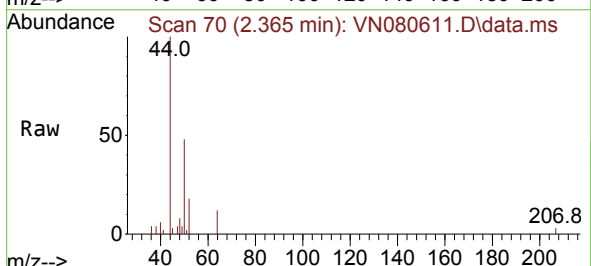
Manual Integrations
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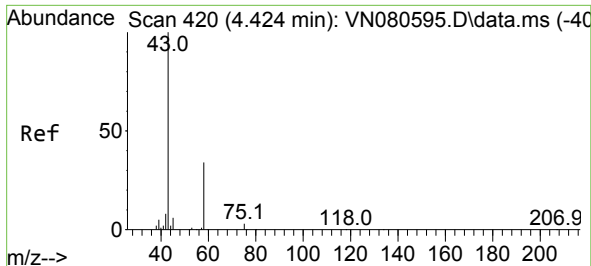
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#3
Chloromethane
Concen: 1.599 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

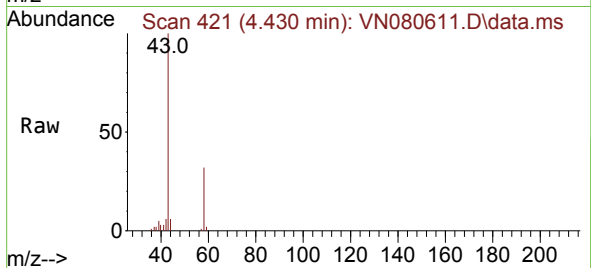
Tgt Ion: 50 Resp: 9791
Ion Ratio Lower Upper
50 100
52 37.6 26.5 39.7





#16
Acetone
Concen: 61.396 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

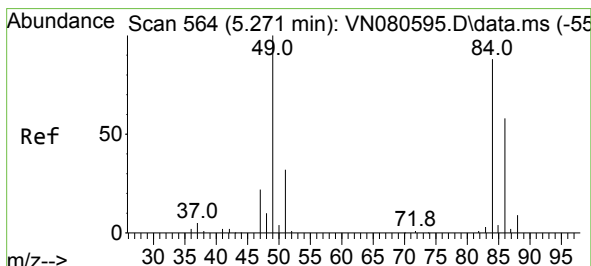
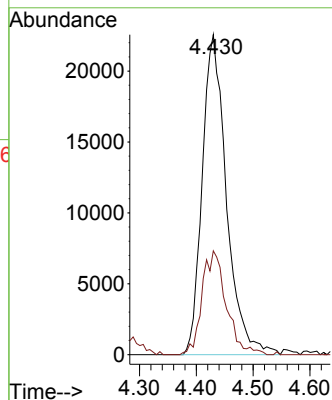
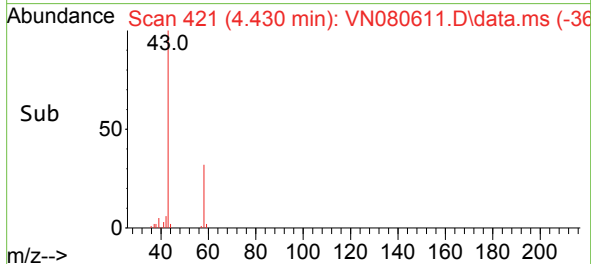
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03



Tgt Ion: 43 Resp: 6690
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

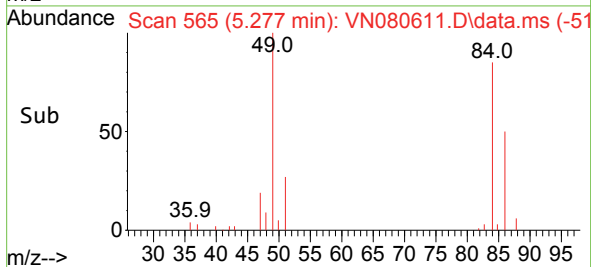
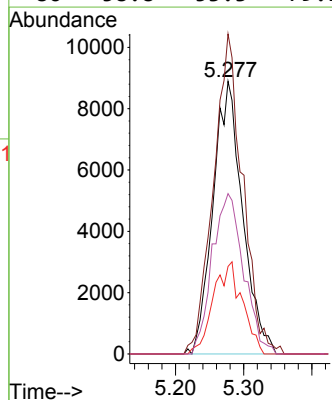
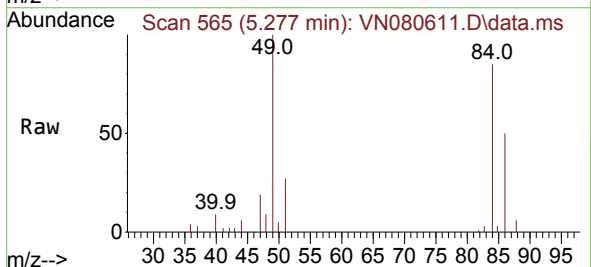
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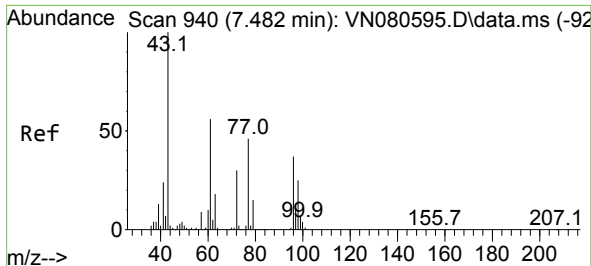
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#20
Methylene Chloride
Concen: 7.706 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

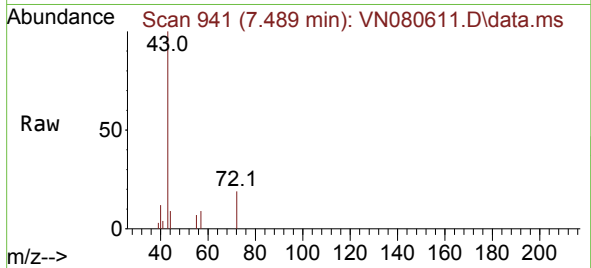
Tgt Ion: 84 Resp: 26793
Ion Ratio Lower Upper
84 100
49 117.4 79.7 119.5
51 32.1 25.2 37.8
86 58.8 53.3 79.9





#25
2-Butanone
Concen: 6.663 ug/l
RT: 7.489 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

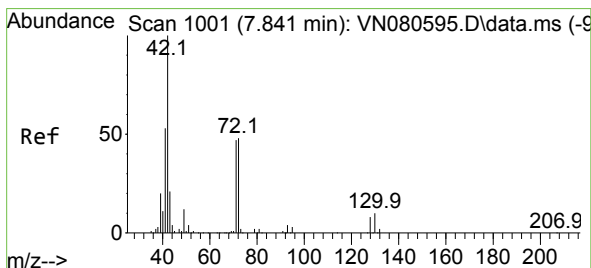
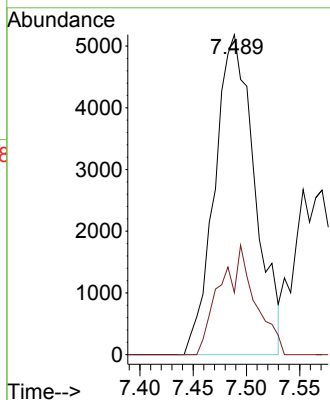
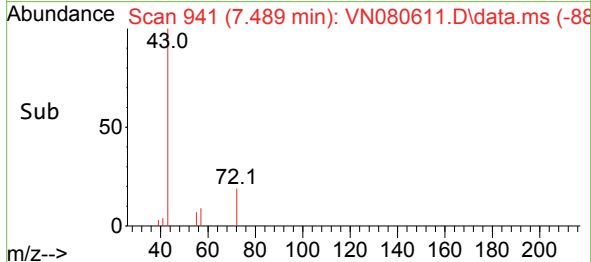
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03



Tgt Ion: 43 Resp: 13570
Ion Ratio Lower Upper
43 100
72 19.4 30.2 45.2

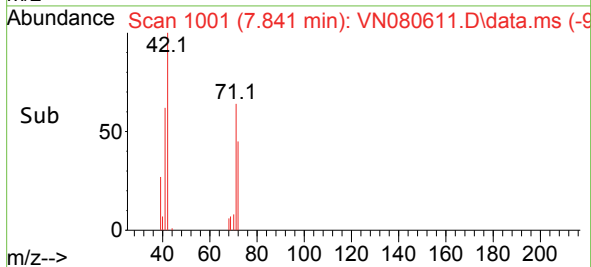
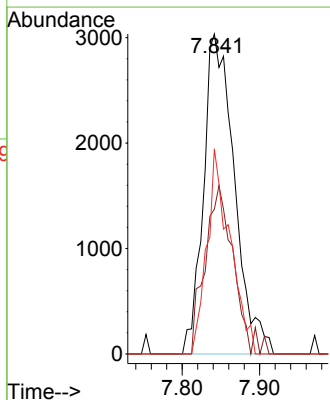
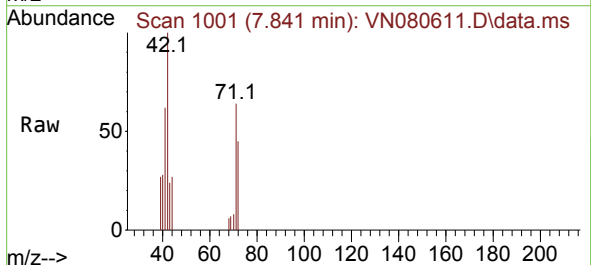
Manual Integrations
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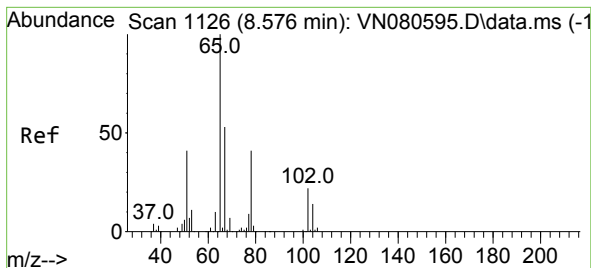
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#29
Tetrahydrofuran
Concen: 6.343 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 42 Resp: 8425
Ion Ratio Lower Upper
42 100
72 46.5 49.8 74.6#
71 48.0 47.4 71.2





#33

1,2-Dichloroethane-d4

Concen: 49.958 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080611.D

Acq: 29 Dec 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

PB158132ZHE#03

Tgt Ion: 65 Resp: 200258

Ion Ratio Lower Upper

65 100

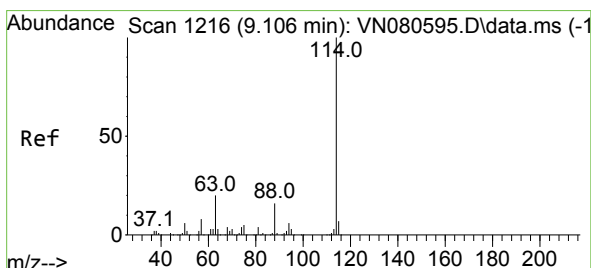
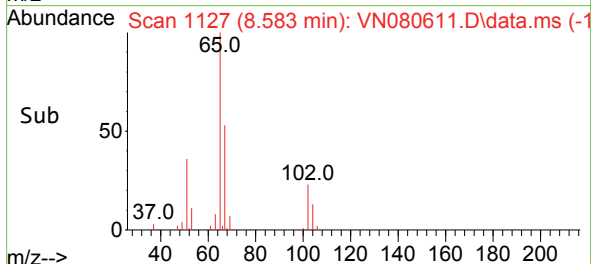
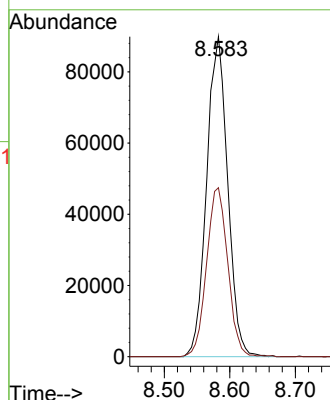
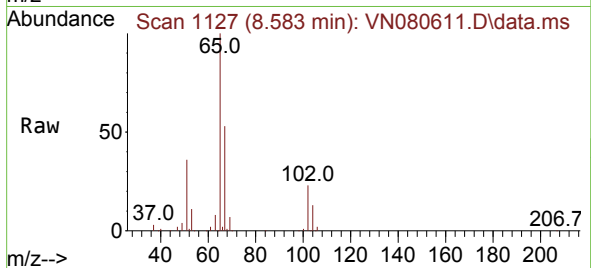
67 53.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024

Supervised By :Mahesh Dadoda 01/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080611.D

Acq: 29 Dec 2023 13:36

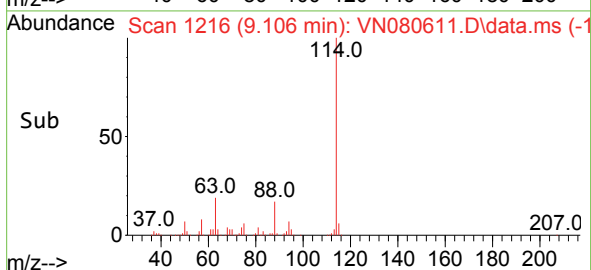
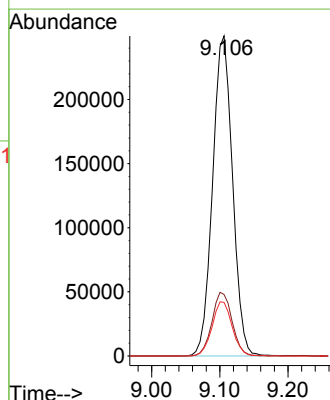
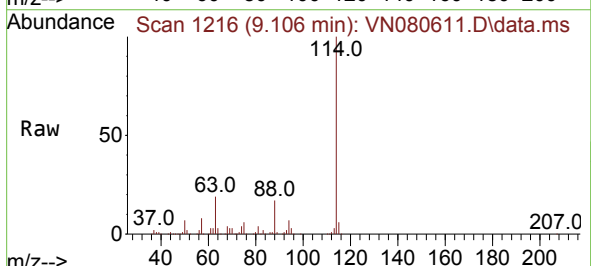
Tgt Ion:114 Resp: 507522

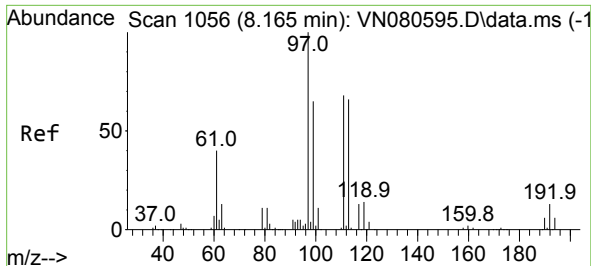
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

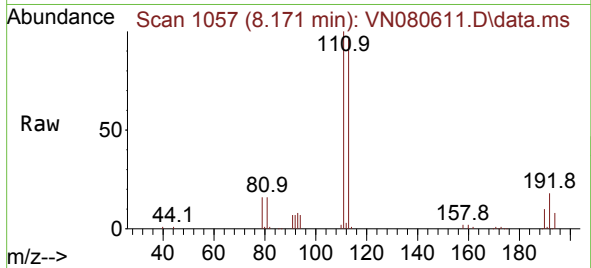
88 16.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 71.580 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

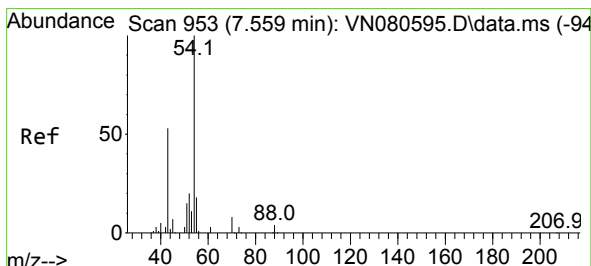
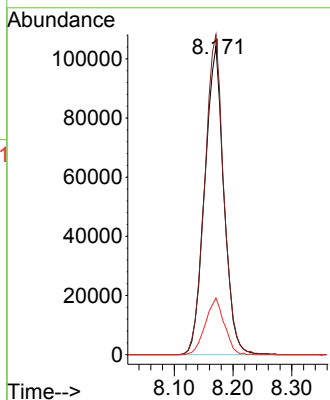
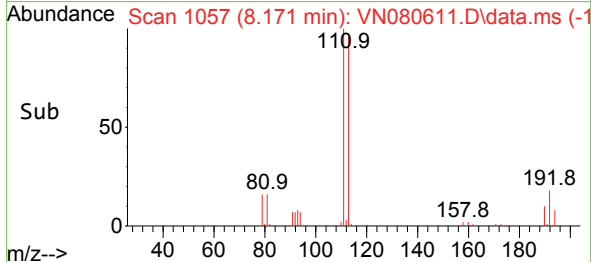
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03



Tgt Ion:113 Resp: 23495
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 18.2 12.7 19.1

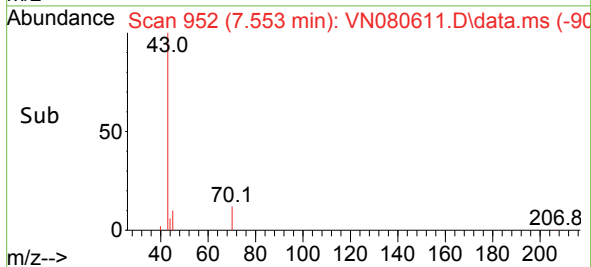
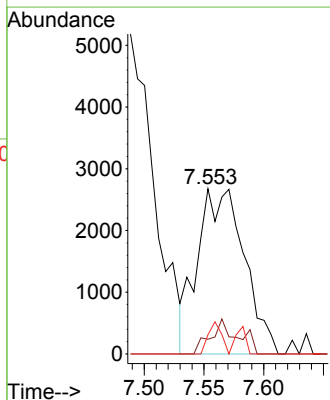
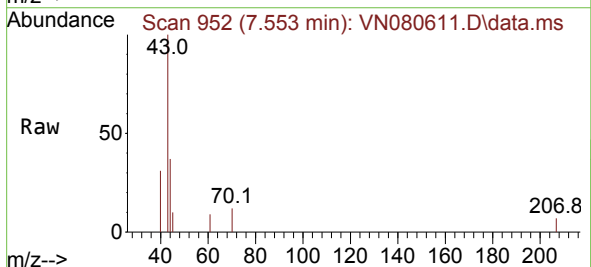
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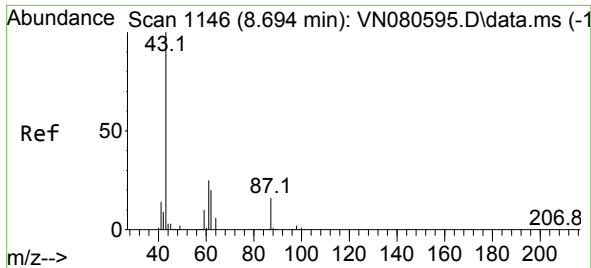
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#37
Ethyl Acetate
Concen: 1.914 ug/l m
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

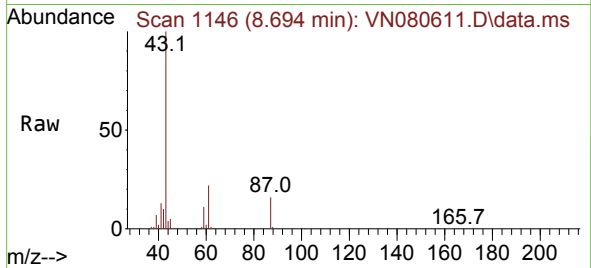
Tgt Ion: 43 Resp: 7295
Ion Ratio Lower Upper
43 100
61 12.2 13.2 19.8#
70 5.6 11.3 16.9#





#43
Isopropyl Acetate
Concen: 29.990 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

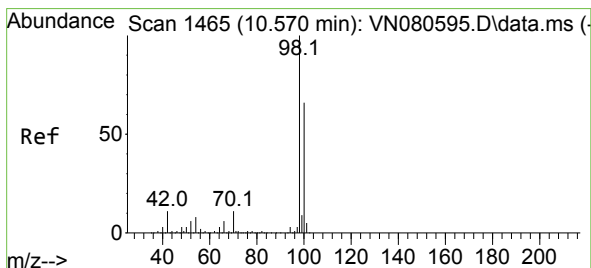
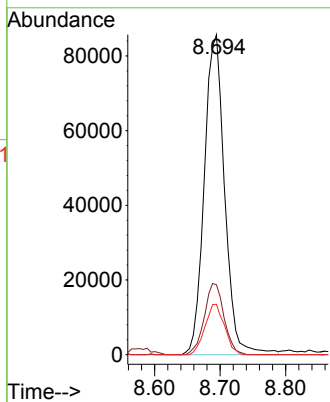
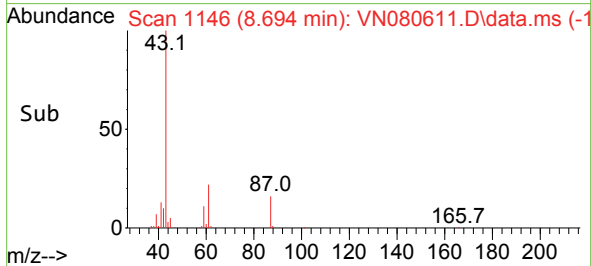
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03



Tgt Ion: 43 Resp: 185289
Ion Ratio Lower Upper
43 100
61 21.5 24.7 37.1
87 15.1 14.6 21.8

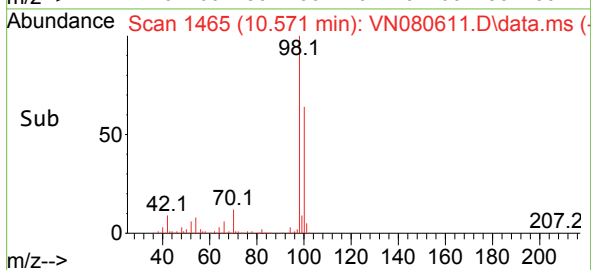
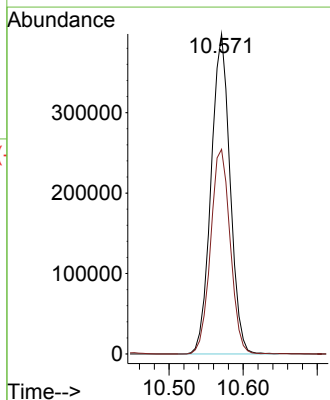
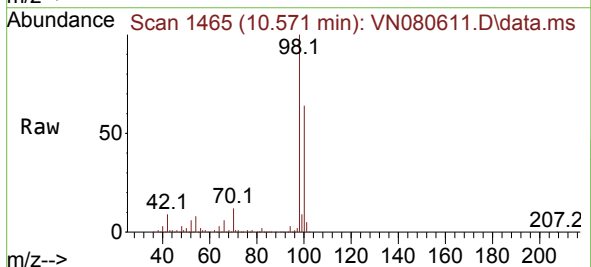
Manual Integrations
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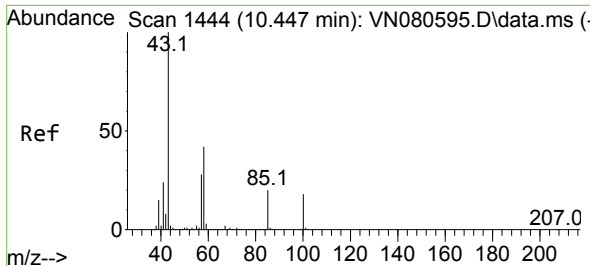
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#50
Toluene-d8
Concen: 61.668 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Tgt Ion: 98 Resp: 706751
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0





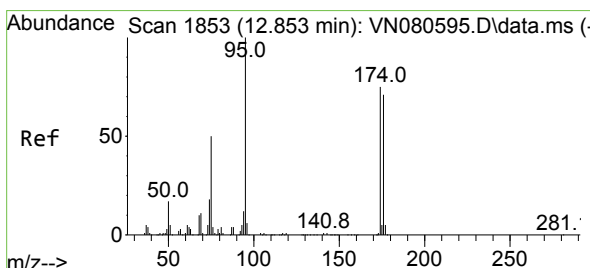
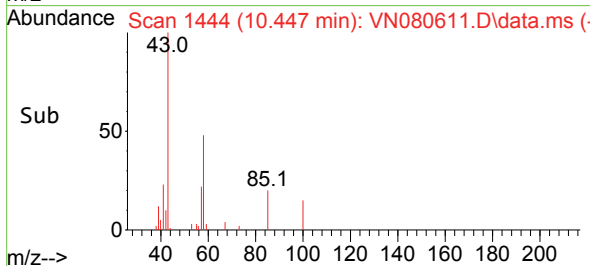
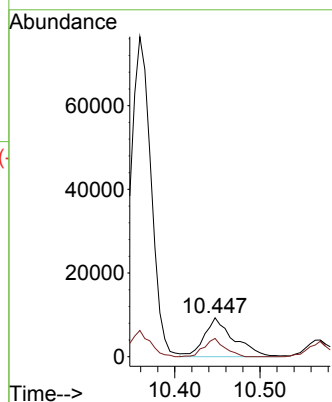
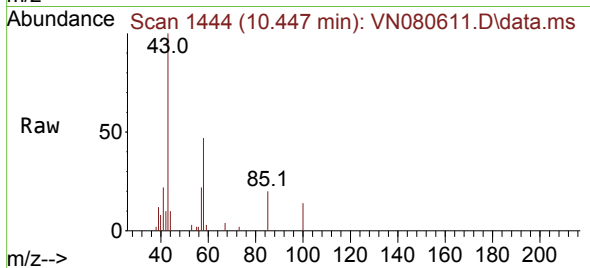
#51
4-Methyl-2-Pentanone
Concen: 6.364 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03

Tgt Ion: 43 Resp: 2236
Ion Ratio Lower Upper
43 100
58 32.5 36.6 54.8

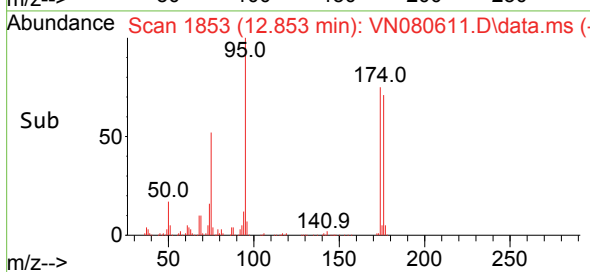
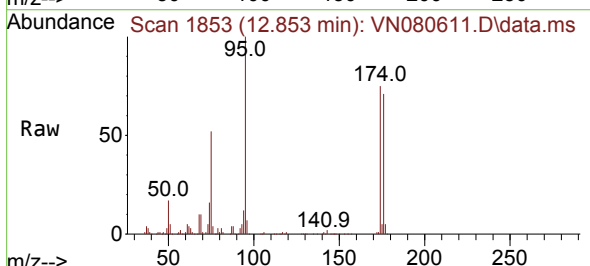
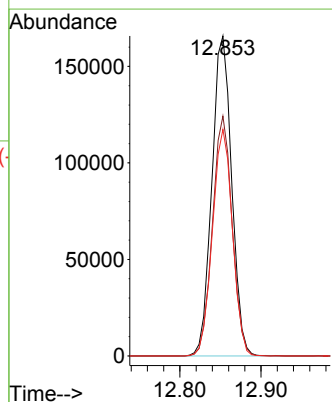
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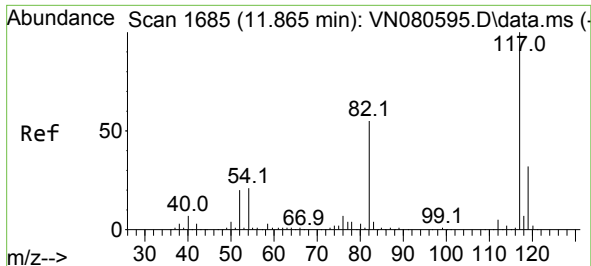
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#62
4-Bromofluorobenzene
Concen: 72.657 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

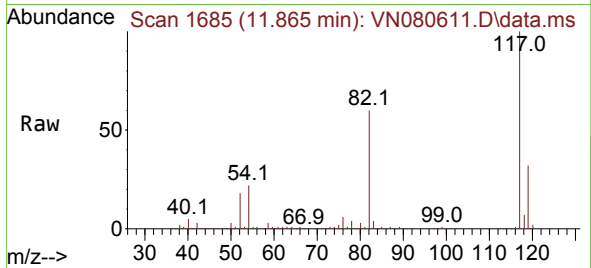
Tgt Ion: 95 Resp: 280241
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 71.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36

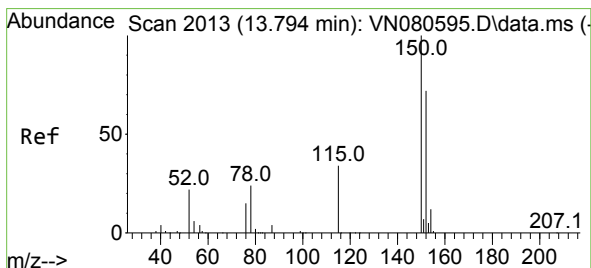
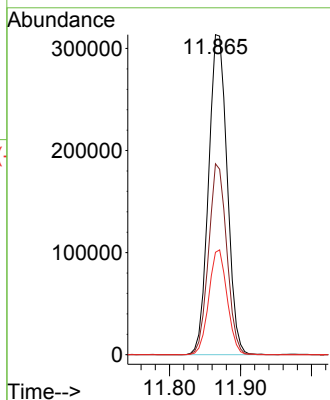
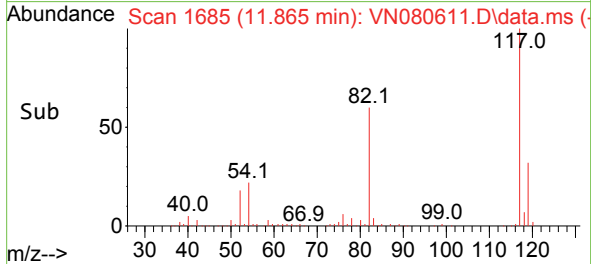
Instrument :
MSVOA_N
ClientSampleId :
PB158132ZHE#03



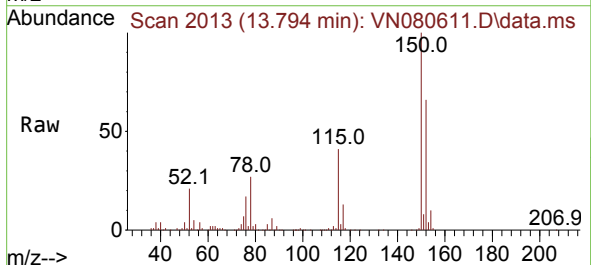
Tgt Ion:117 Resp: 56984
Ion Ratio Lower Upper
117 100
82 59.6 44.0 66.0
119 32.0 25.6 38.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080611.D
Acq: 29 Dec 2023 13:36



Tgt Ion:152 Resp: 257522
Ion Ratio Lower Upper
152 100
115 62.6 32.3 96.8
150 154.8 0.0 355.8

