

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083357.D
 Acq On : 16 Aug 2024 16:27
 Operator : JC\MD
 Sample : PB162767ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162767ZHE#01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/19/2024
 Supervised By :Semsettin Yesilyurt 08/19/2024

Quant Time: Aug 17 01:48:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	122332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	244027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	109807	63.062	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 126.120%#			
35) Dibromofluoromethane	8.171	113	87421	57.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.780%			
50) Toluene-d8	10.571	98	334011	58.786	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 117.580%#			
62) 4-Bromofluorobenzene	12.847	95	137168	61.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 123.840%#			
Target Compounds					Qvalue	
16) Acetone	4.436	43	22704	33.322	ug/l	98
20) Methylene Chloride	5.277	84	6981	4.452	ug/l #	83
25) 2-Butanone	7.500	43	4324	4.133	ug/l	98
43) Isopropyl Acetate	8.688	43	172400m	37.815	ug/l	

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

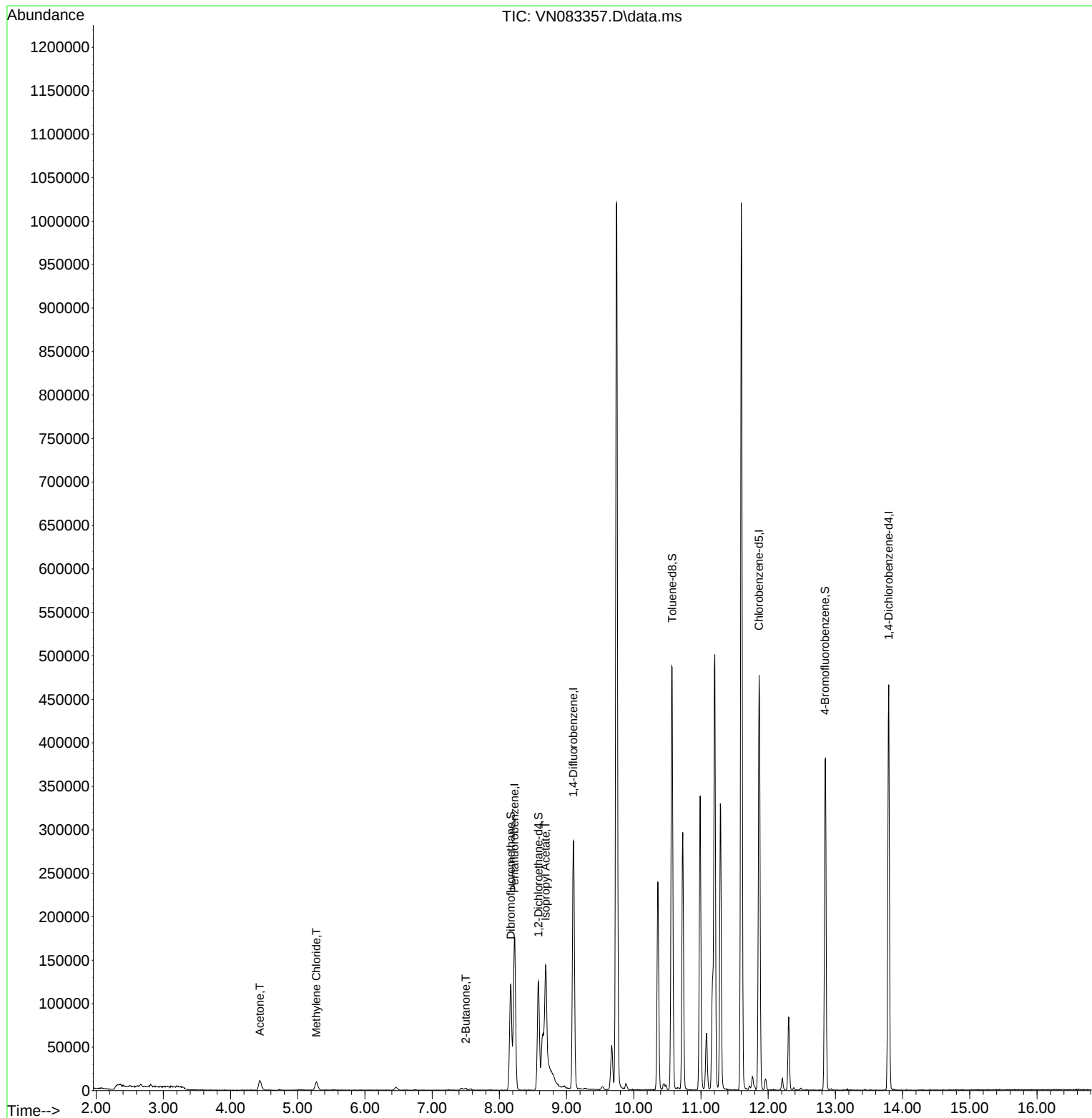
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
Data File : VN083357.D
Acq On : 16 Aug 2024 16:27
Operator : JC\MD
Sample : PB162767ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

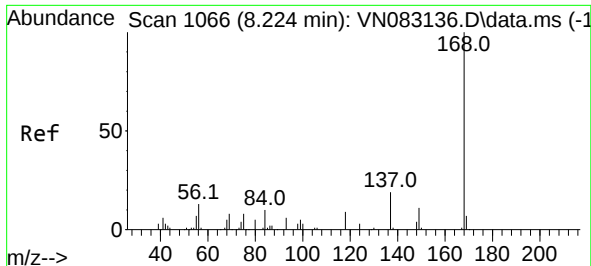
Instrument :
MSVOA_N
ClientSampleId :
PB162767ZHE#01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/19/2024
Supervised By :Semsettin Yesilyurt 08/19/2024

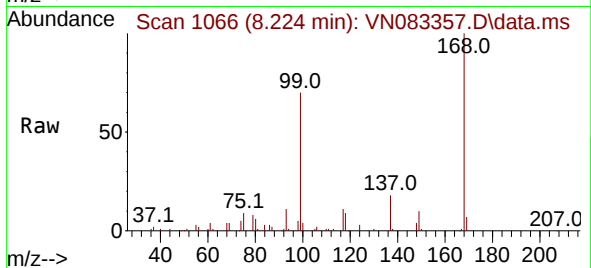
Quant Time: Aug 17 01:48:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27

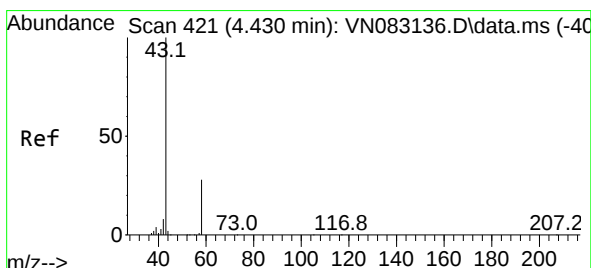
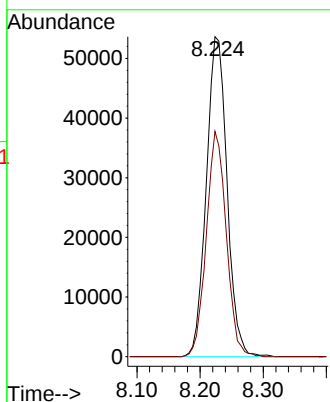
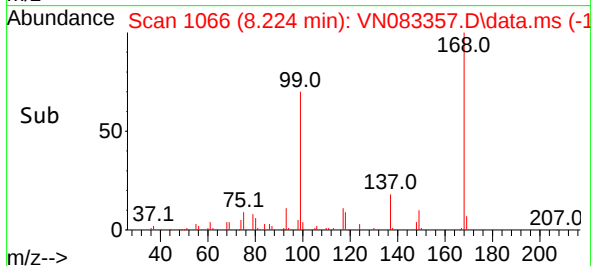
Instrument :
MSVOA_N
ClientSampleId :
PB162767ZHE#01



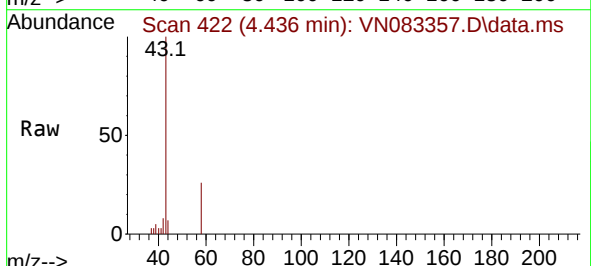
Tgt Ion:168 Resp: 12233
Ion Ratio Lower Upper
168 100
99 70.4 48.2 72.4

Manual Integrations
APPROVED

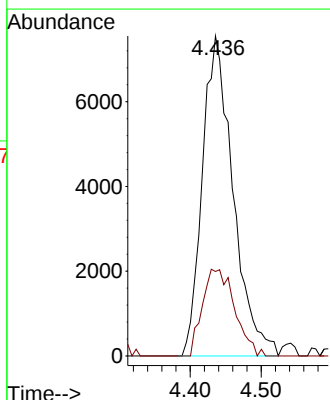
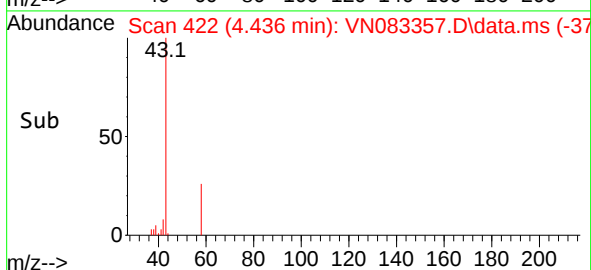
Reviewed By :Mahesh Dadoda 08/19/2024
Supervised By :Semsettin Yesilyurt 08/19/2024

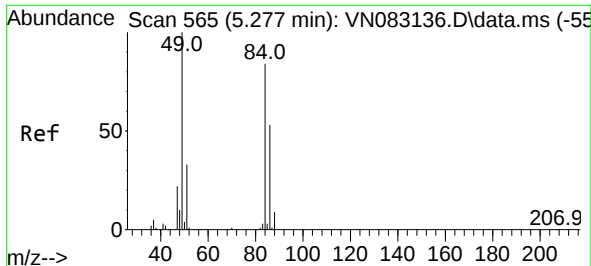


#16
Acetone
Concen: 33.322 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27



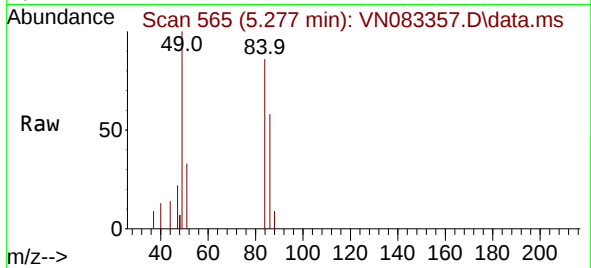
Tgt Ion: 43 Resp: 22704
Ion Ratio Lower Upper
43 100
58 26.4 21.8 32.6





#20
Methylene Chloride
Concen: 4.452 ug/l
RT: 5.277 min Scan# 501
Delta R.T. -0.000 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27

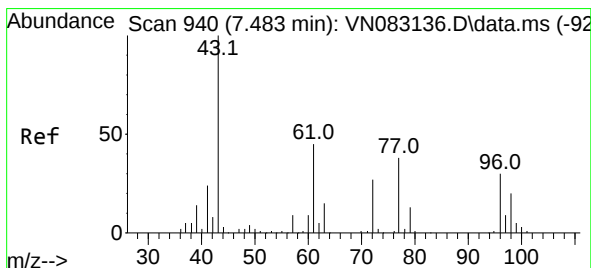
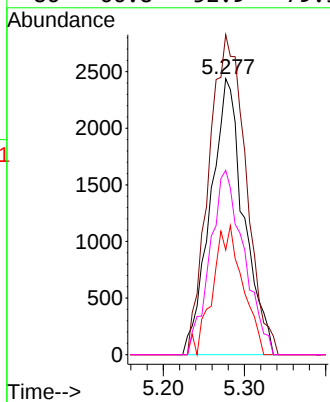
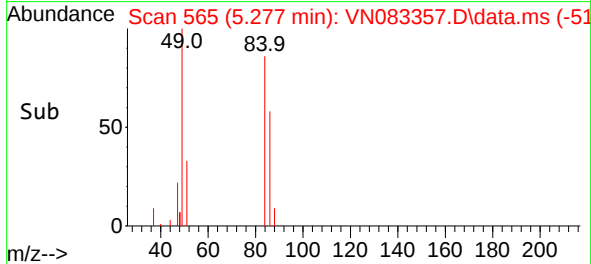
Instrument :
MSVOA_N
ClientSampleId :
PB162767ZHE#01



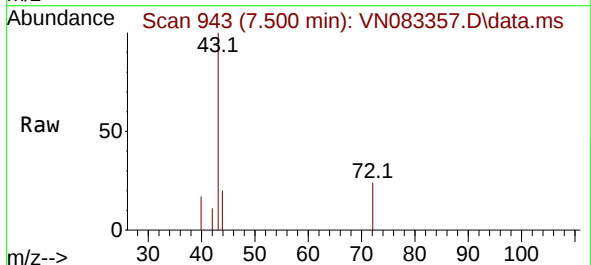
Tgt Ion: 84 Resp: 698
Ion Ratio Lower Upper
84 100
49 116.0 119.6 179.4
51 37.9 34.8 52.2
86 66.8 52.9 79.3

Manual Integrations
APPROVED

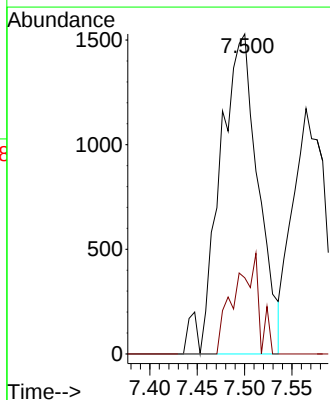
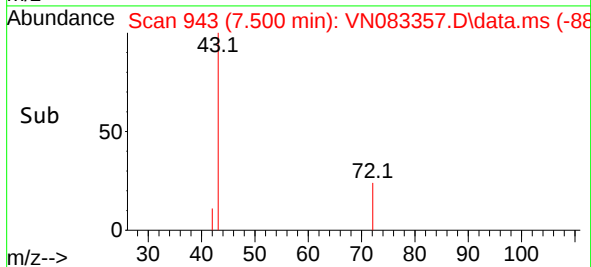
Reviewed By :Mahesh Dadoda 08/19/2024
Supervised By :Semsettin Yesilyurt 08/19/2024

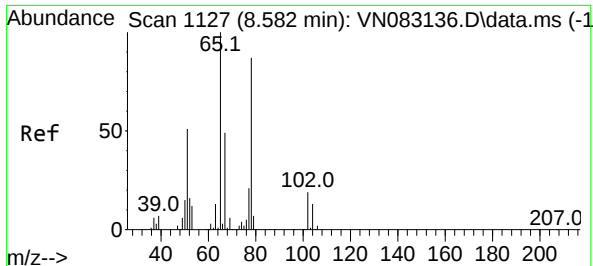


#25
2-Butanone
Concen: 4.133 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.018 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27



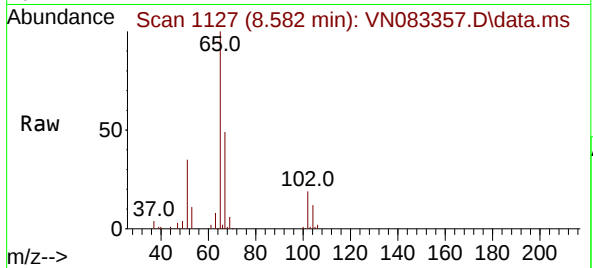
Tgt Ion: 43 Resp: 4324
Ion Ratio Lower Upper
43 100
72 23.8 18.2 27.2





#33
1,2-Dichloroethane-d4
Concen: 63.062 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27

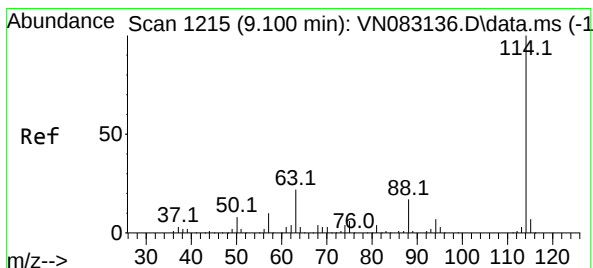
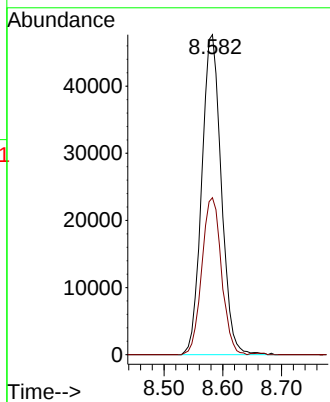
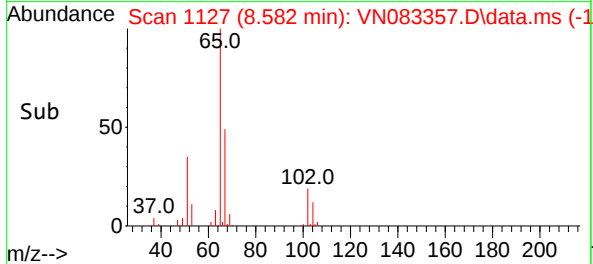
Instrument :
MSVOA_N
ClientSampleId :
PB162767ZHE#01



Tgt Ion: 65 Resp: 10980
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.4

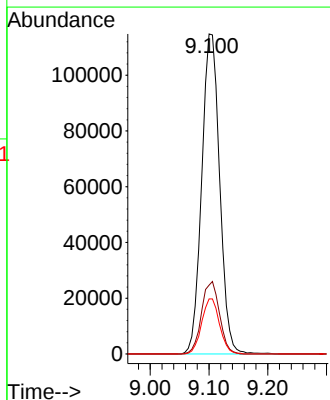
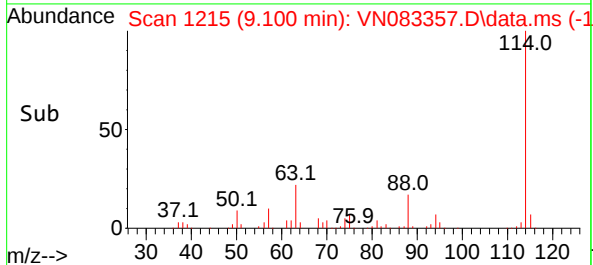
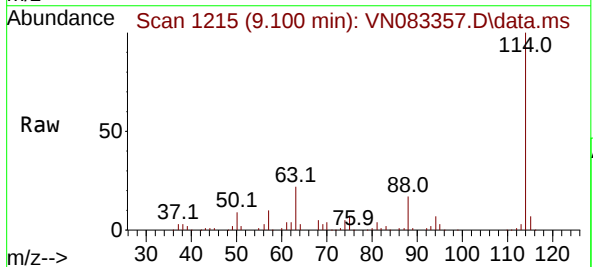
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/19/2024
Supervised By :Semsettin Yesilyurt 08/19/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27

Tgt Ion:114 Resp: 244027
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.6
88 17.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.394 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN083357.D

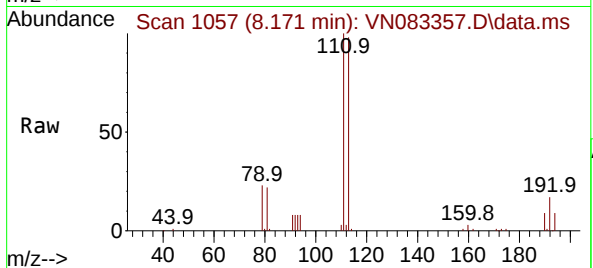
Acq: 16 Aug 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

PB162767ZHE#01

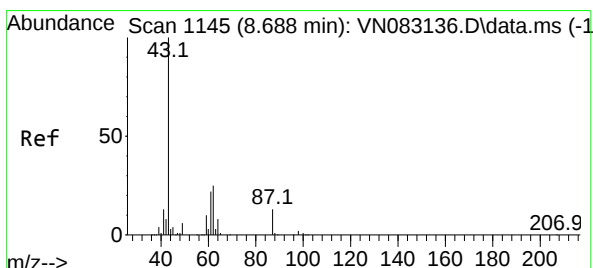
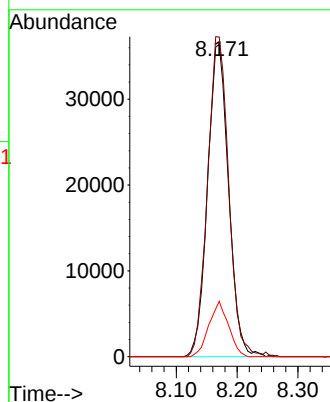
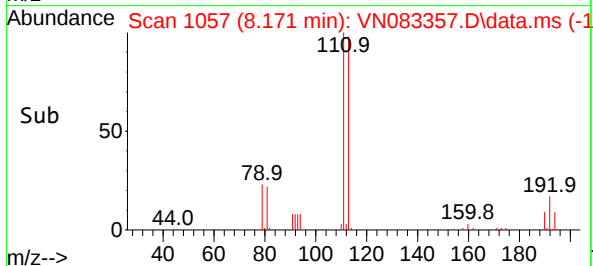


Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	16.6	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/19/2024
Supervised By :Semsettin Yesilyurt 08/19/2024



#43

Isopropyl Acetate

Concen: 37.815 ug/l m

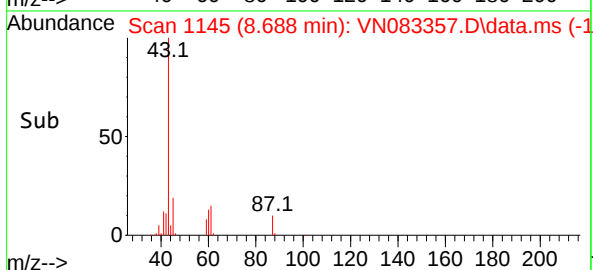
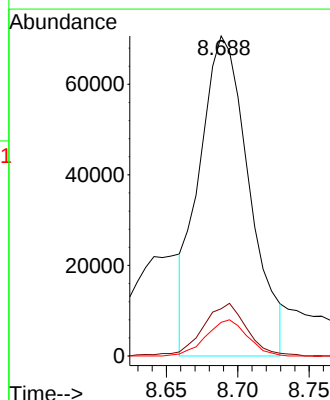
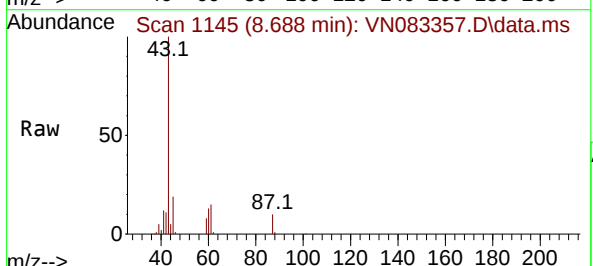
RT: 8.688 min Scan# 1145

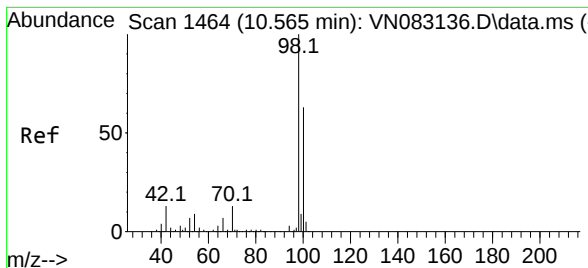
Delta R.T. 0.000 min

Lab File: VN083357.D

Acq: 16 Aug 2024 16:27

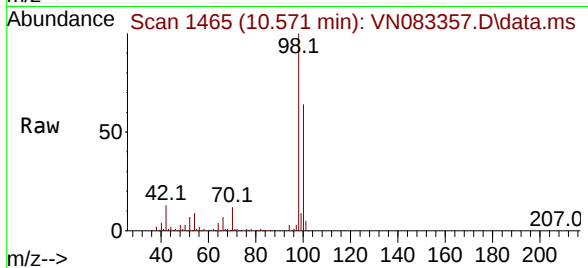
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	17.8	26.6
87	9.3	8.2	12.2





#50
Toluene-d8
Concen: 58.786 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27

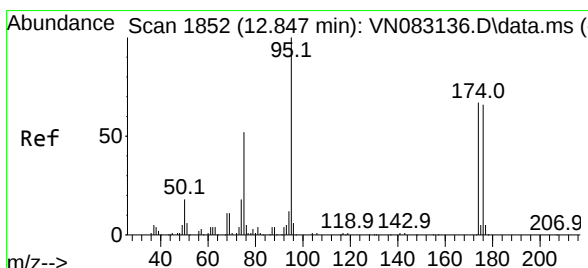
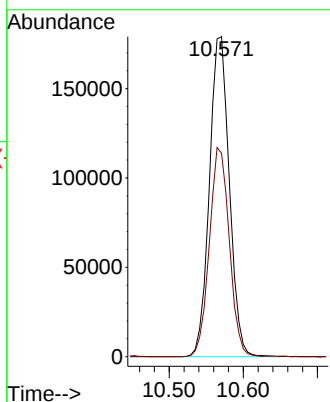
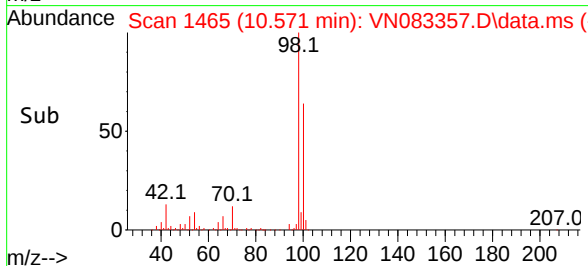
Instrument :
MSVOA_N
ClientSampleId :
PB162767ZHE#01



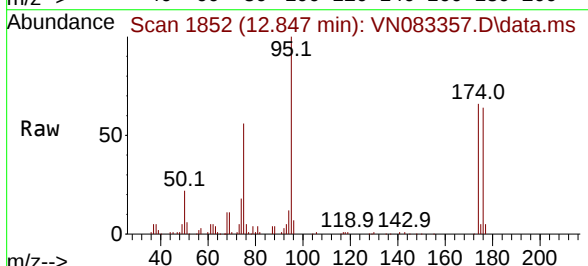
Tgt Ion: 98 Resp: 33401
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3

Manual Integrations
APPROVED

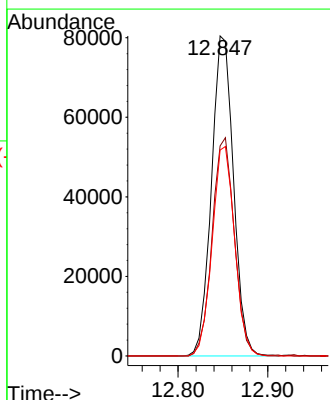
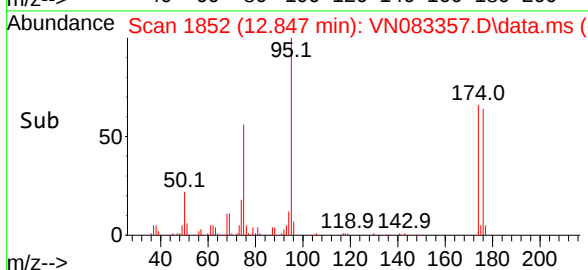
Reviewed By :Mahesh Dadoda 08/19/2024
Supervised By :Semsettin Yesilyurt 08/19/2024

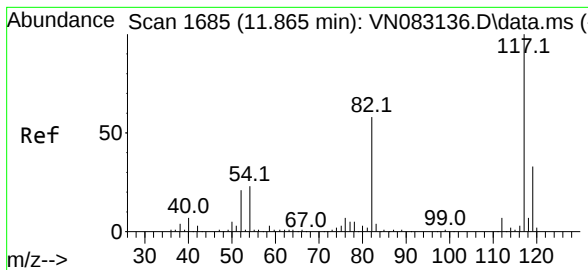


#62
4-Bromofluorobenzene
Concen: 61.925 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27



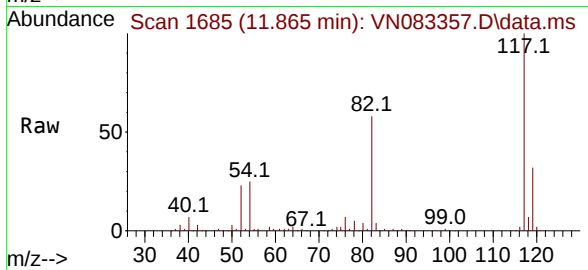
Tgt Ion: 95 Resp: 137168
Ion Ratio Lower Upper
95 100
174 68.9 0.0 159.2
176 66.8 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27

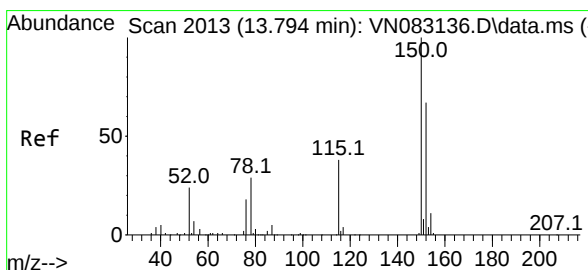
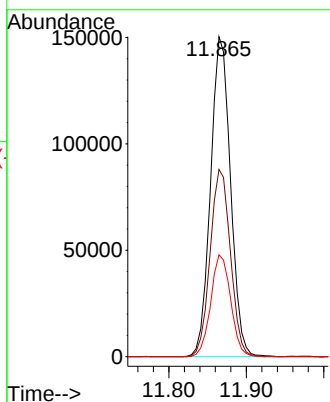
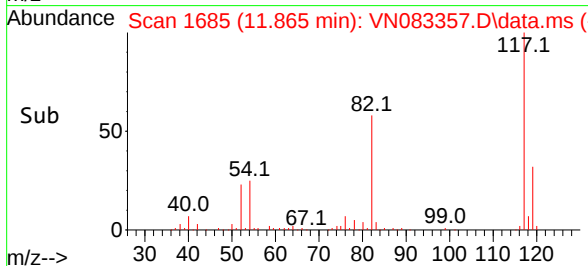
Instrument :
MSVOA_N
ClientSampleId :
PB162767ZHE#01



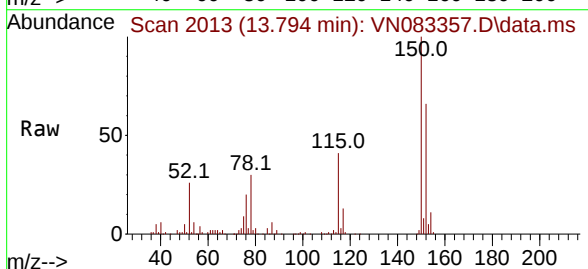
Tgt Ion:117 Resp: 26856
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 31.8 25.6 38.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/19/2024
Supervised By :Semsettin Yesilyurt 08/19/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083357.D
Acq: 16 Aug 2024 16:27



Tgt Ion:152 Resp: 116936
Ion Ratio Lower Upper
152 100
115 63.5 30.6 91.6
150 158.4 0.0 348.6

