

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083996.D
 Acq On : 18 Sep 2024 20:39
 Operator : JC\MD
 Sample : PB163447ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#13

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 01:41:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127590	51.216	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.440%		
35) Dibromofluoromethane	8.165	113	90807	48.163	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.320%		
50) Toluene-d8	10.565	98	350905	53.837	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.680%		
62) 4-Bromofluorobenzene	12.847	95	121646	45.236	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.480%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	43089	43.146	ug/l	96
20) Methylene Chloride	5.277	84	4043	1.978	ug/l	88
43) Isopropyl Acetate	8.688	43	246406m	52.788	ug/l	

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

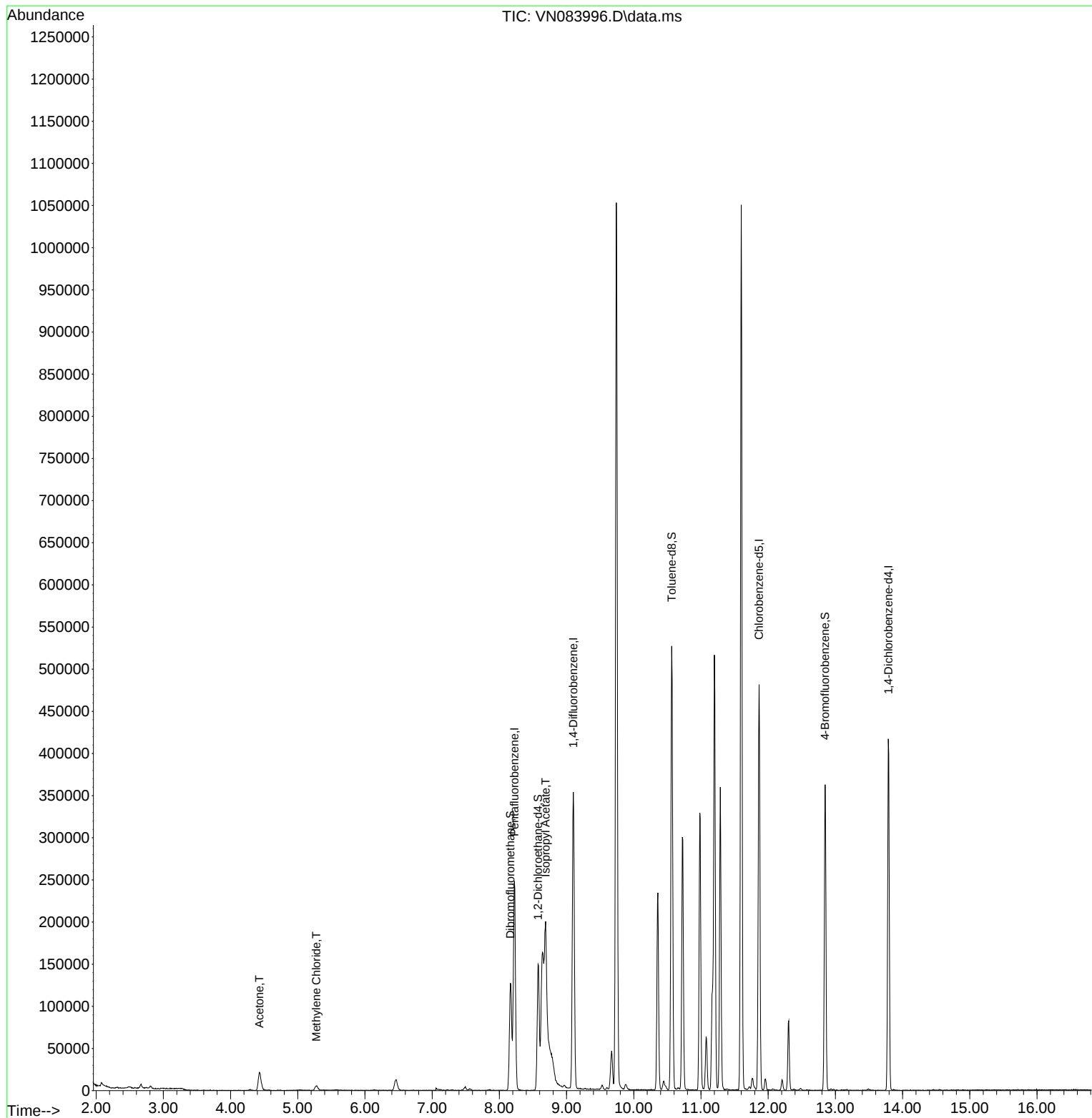
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN083996.D
Acq On : 18 Sep 2024 20:39
Operator : JC\MD
Sample : PB163447ZHE#13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#13

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/19/2024
Supervised By : Mahesh Dadoda 09/19/2024

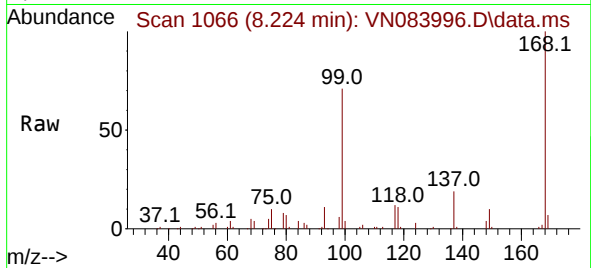
Quant Time: Sep 19 01:41:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083996.D
Acq: 18 Sep 2024 20:39

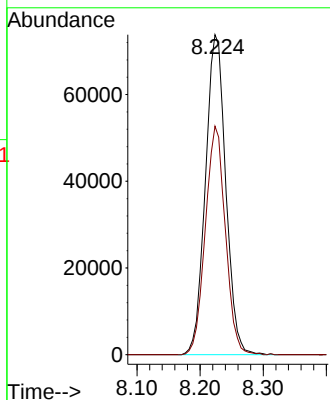
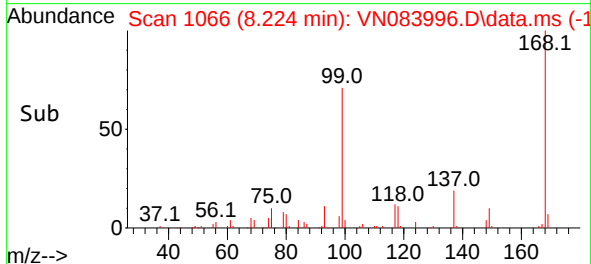
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#13



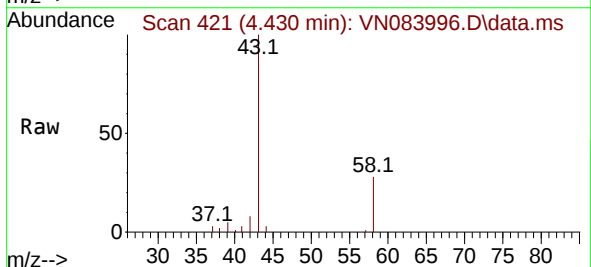
Tgt Ion:168 Resp: 165210
Ion Ratio Lower Upper
168 100
99 71.4 54.2 81.2

Manual Integrations
APPROVED

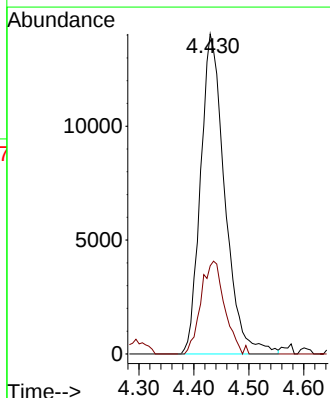
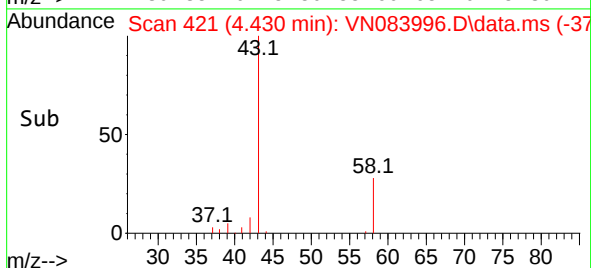
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

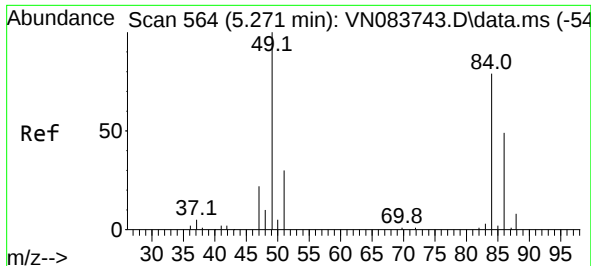


#16
Acetone
Concen: 43.146 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083996.D
Acq: 18 Sep 2024 20:39



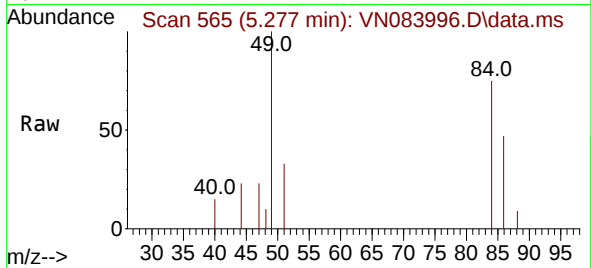
Tgt Ion: 43 Resp: 43089
Ion Ratio Lower Upper
43 100
58 27.6 23.7 35.5





#20
Methylene Chloride
Concen: 1.978 ug/l
RT: 5.277 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN083996.D
Acq: 18 Sep 2024 20:39

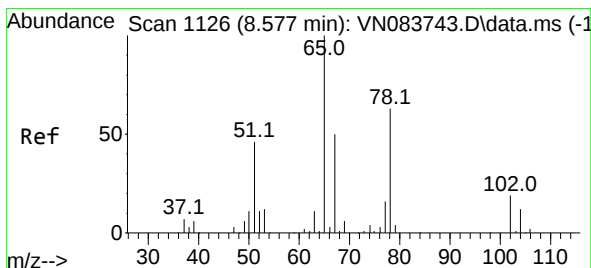
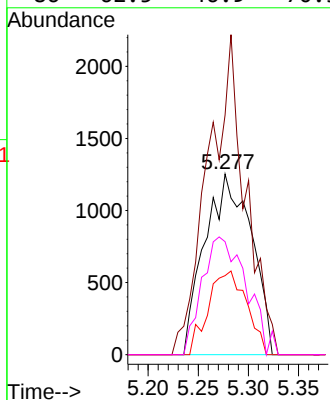
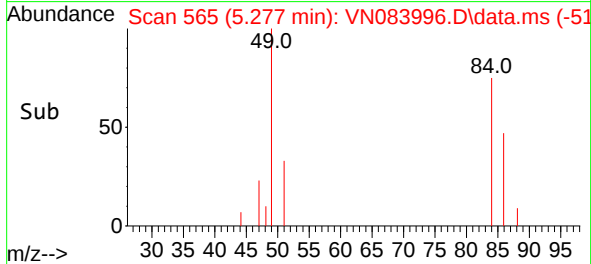
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#13



Tgt Ion: 84	Resp: 404
Ion Ratio	Lower Upper
84	100
49	132.7 93.4 140.0
51	43.7 29.2 43.8
86	62.5 46.9 70.3

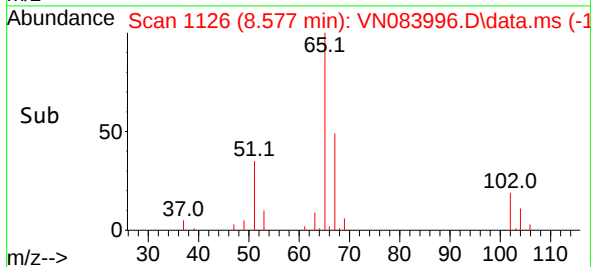
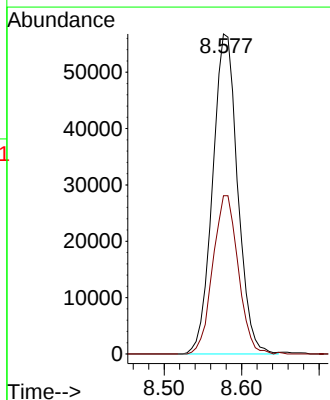
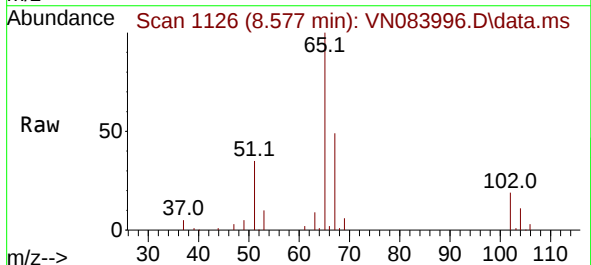
Manual Integrations
APPROVED

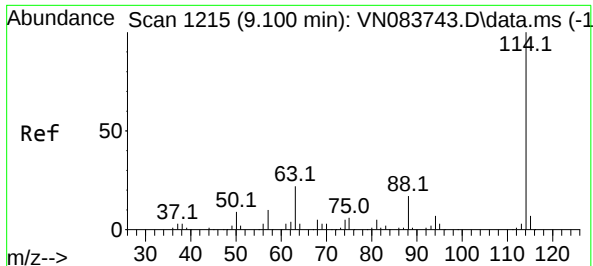
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#33
1,2-Dichloroethane-d4
Concen: 51.216 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083996.D
Acq: 18 Sep 2024 20:39

Tgt Ion: 65	Resp: 127590
Ion Ratio	Lower Upper
65	100
67	50.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN083996.D

Acq: 18 Sep 2024 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB163447ZHE#13

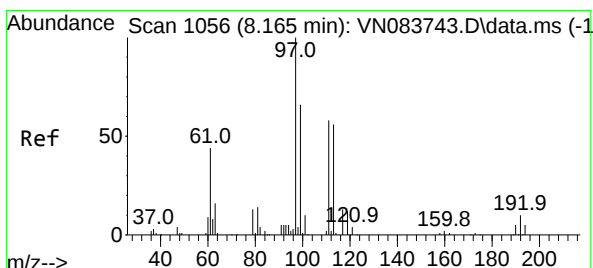
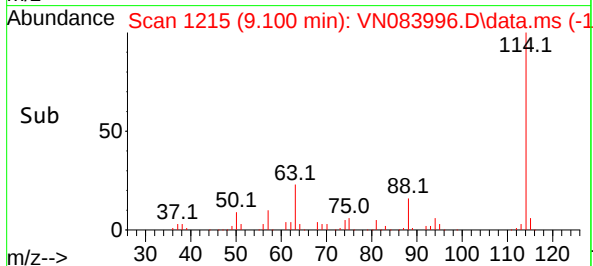
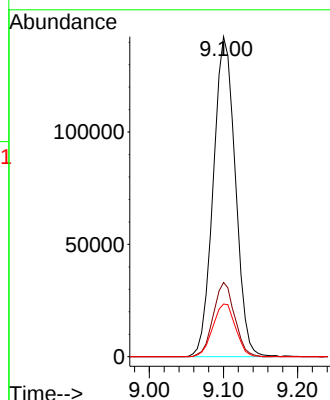
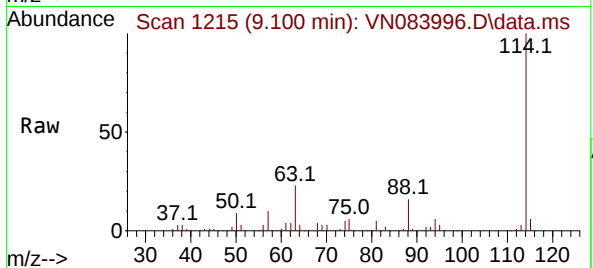
Tgt Ion:114	Resp:	294509
Ion Ratio	Lower	Upper
114	100	
63	23.2	0.0 43.4
88	16.5	0.0 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#35

Dibromofluoromethane

Concen: 48.163 ug/l

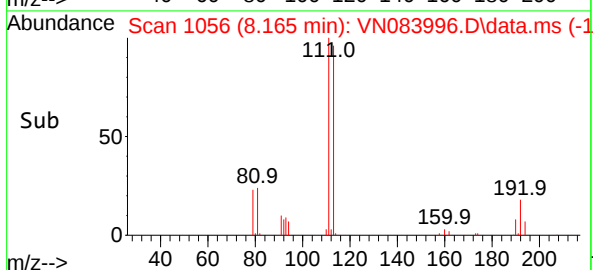
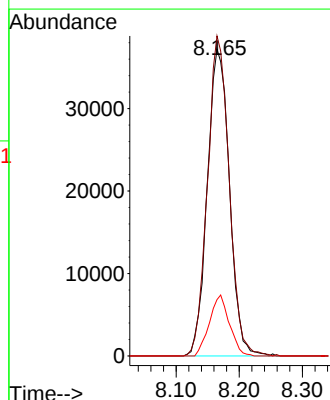
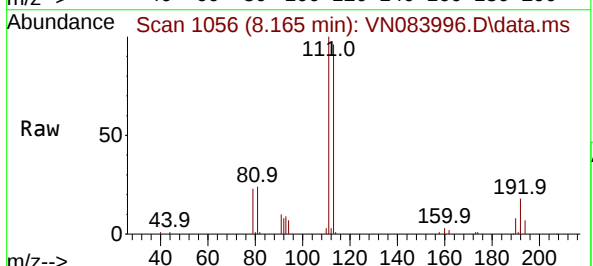
RT: 8.165 min Scan# 1056

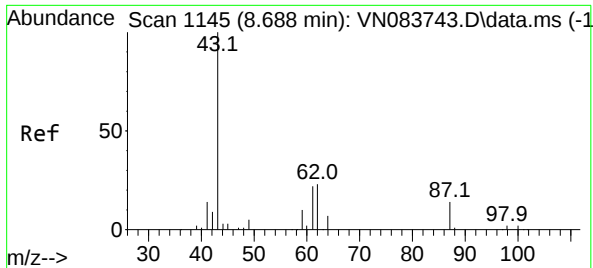
Delta R.T. -0.000 min

Lab File: VN083996.D

Acq: 18 Sep 2024 20:39

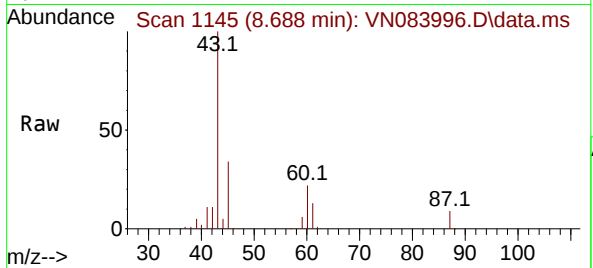
Tgt Ion:113	Resp:	90807
Ion Ratio	Lower	Upper
113	100	
111	102.2	82.6 124.0
192	17.9	14.3 21.5





#43
Isopropyl Acetate
Concen: 52.788 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083996.D
Acq: 18 Sep 2024 20:39

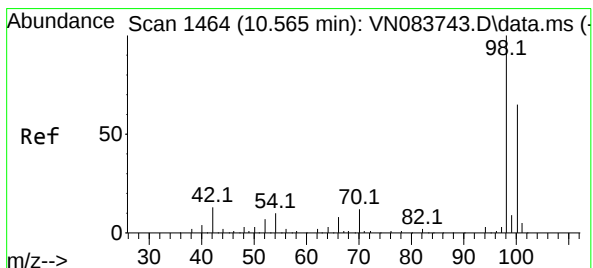
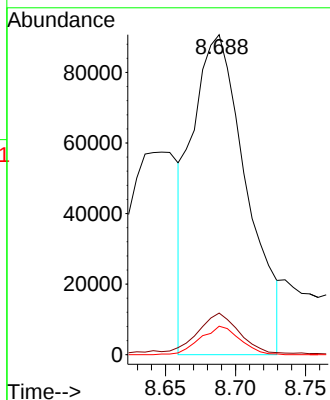
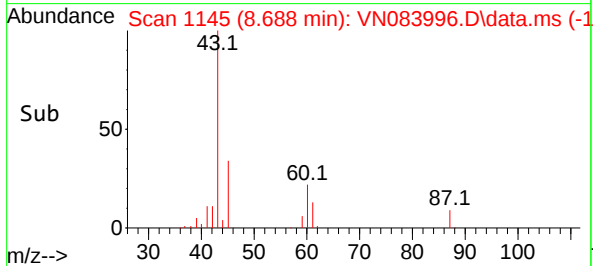
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#13



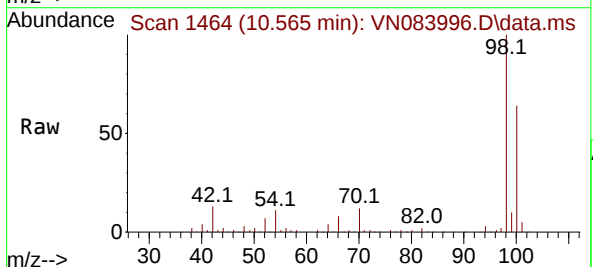
Tgt Ion: 43 Resp: 246400
Ion Ratio Lower Upper
43 100
61 11.1 19.4 29.0
87 6.5 9.8 14.6

Manual Integrations
APPROVED

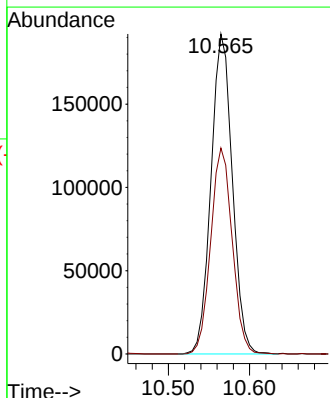
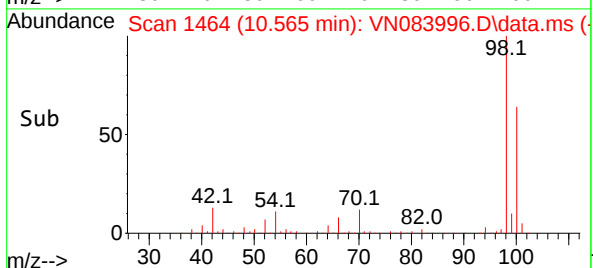
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

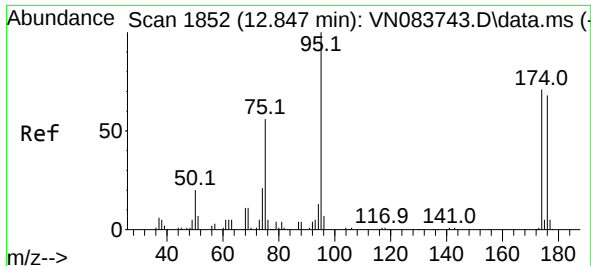


#50
Toluene-d8
Concen: 53.837 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083996.D
Acq: 18 Sep 2024 20:39



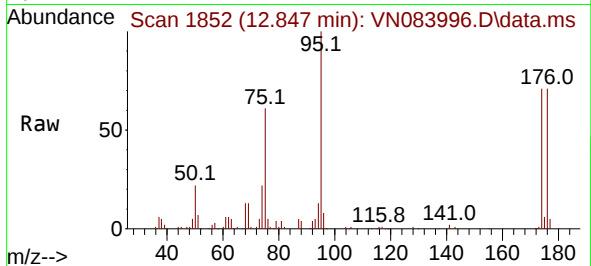
Tgt Ion: 98 Resp: 350905
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 45.236 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083996.D
Acq: 18 Sep 2024 20:39

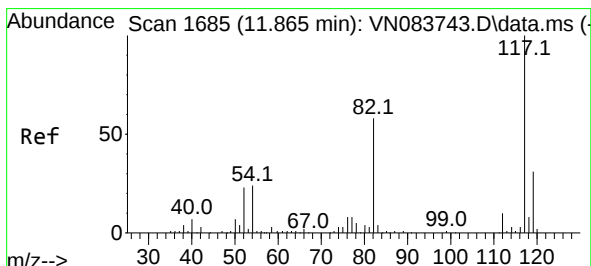
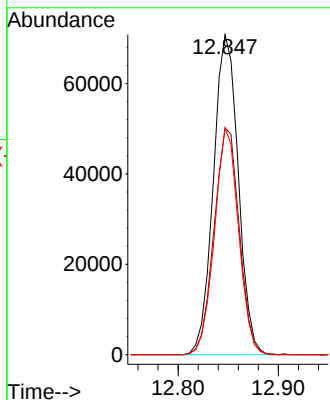
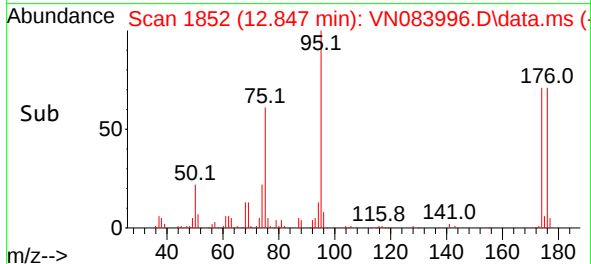
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#13



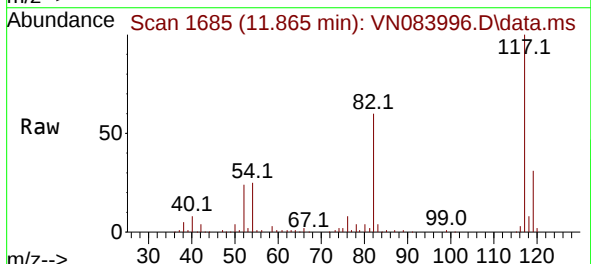
Tgt Ion: 95 Resp: 121640
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.7 0.0 131.4

Manual Integrations
APPROVED

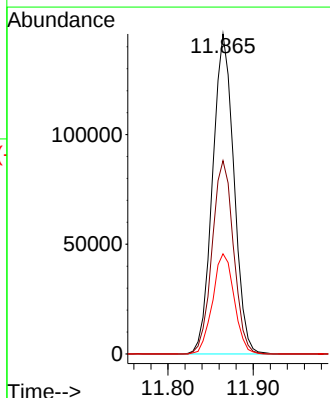
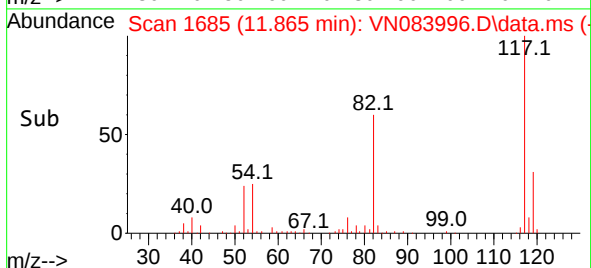
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

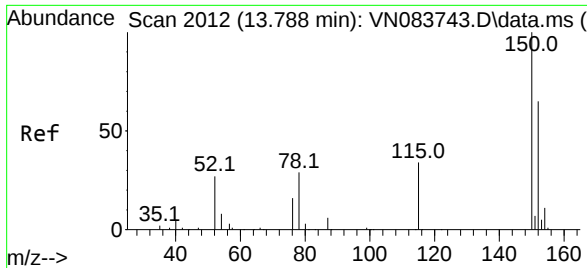


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083996.D
Acq: 18 Sep 2024 20:39



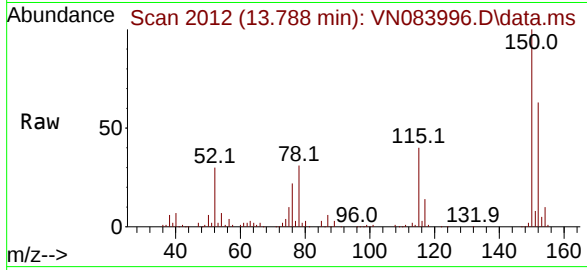
Tgt Ion:117 Resp: 253848
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.0
119 31.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083996.D
 Acq: 18 Sep 2024 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#13



Tgt Ion:152 Resp: 102468
 Ion Ratio Lower Upper
 152 100
 115 64.4 32.2 96.6
 150 160.3 0.0 348.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

