

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081717.D
 Acq On : 12 Apr 2024 14:56
 Operator : JC\MD
 Sample : PB160181ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160181ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/15/2024
 Supervised By : Mahesh Dadoda 04/15/2024

Quant Time: Apr 13 06:56:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	255964	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	498626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	193587	59.306	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	118.620%	
35) Dibromofluoromethane	8.171	113	166857	53.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	106.040%	
50) Toluene-d8	10.571	98	643433	56.563	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	113.120%#	
62) 4-Bromofluorobenzene	12.853	95	207322	51.724	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	=	103.440%	
Target Compounds						Qvalue
16) Acetone	4.430	43	56933	53.969	ug/l	98
20) Methylene Chloride	5.283	84	14297	4.137	ug/l #	66
37) Ethyl Acetate	7.565	43	5339	1.177	ug/l #	91
43) Isopropyl Acetate	8.688	43	322922m	42.960	ug/l	

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

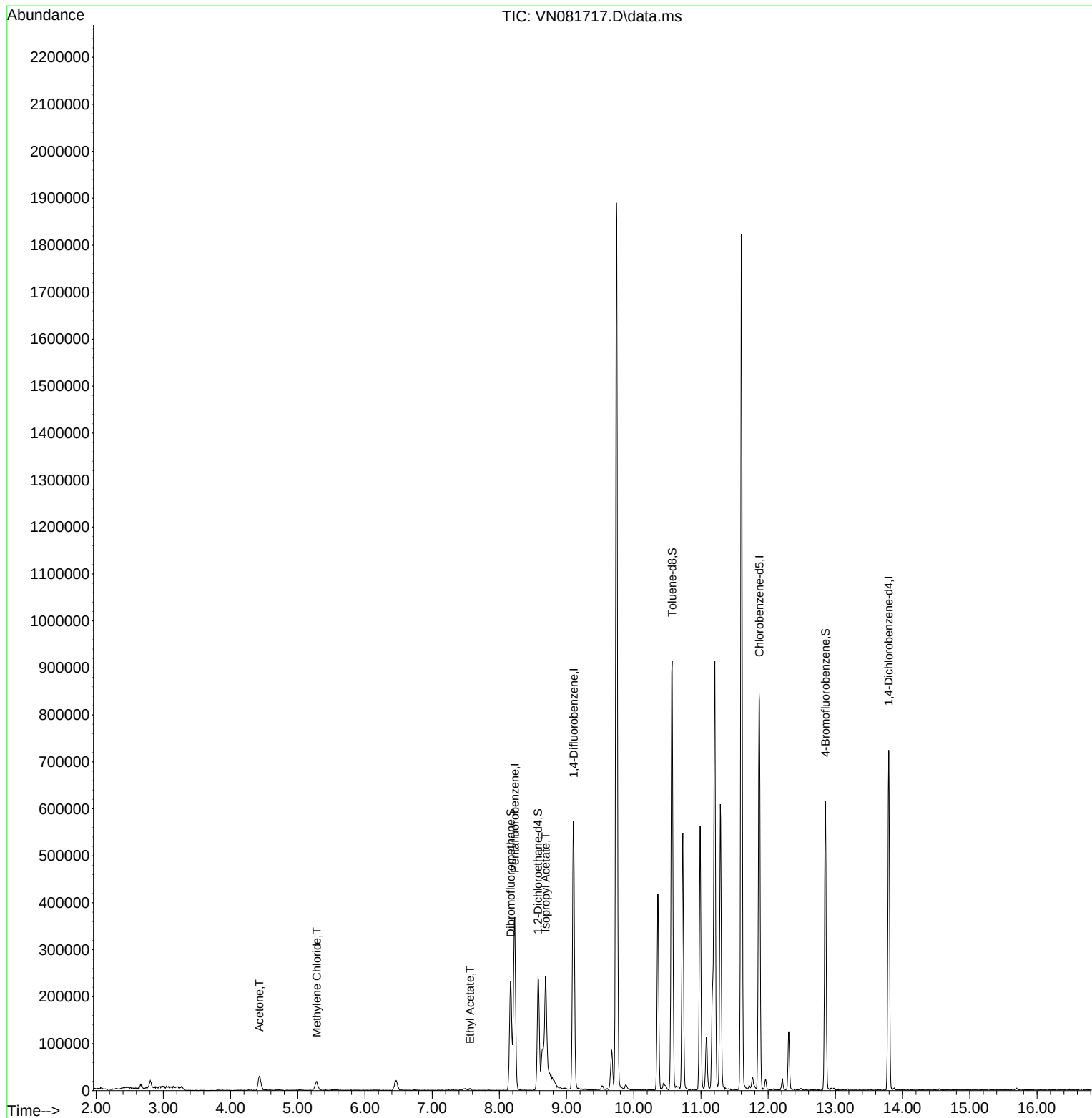
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
Data File : VN081717.D
Acq On : 12 Apr 2024 14:56
Operator : JC\MD
Sample : PB160181ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

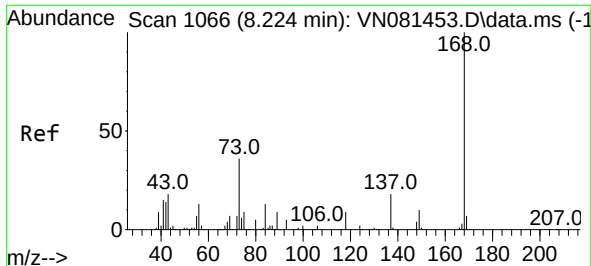
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#02

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/15/2024
Supervised By : Mahesh Dadoda 04/15/2024

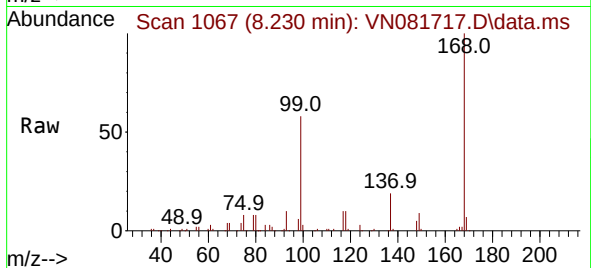
Quant Time: Apr 13 06:56:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56

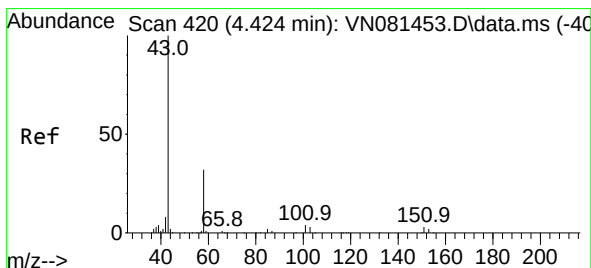
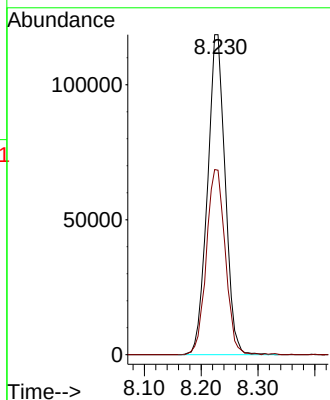
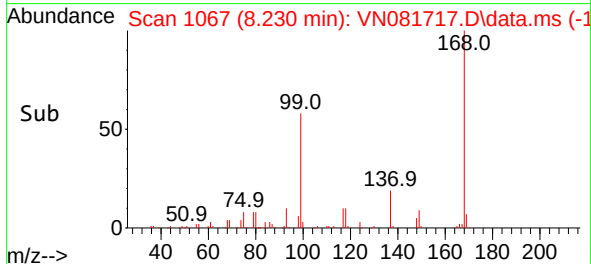
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#02



Tgt Ion:168 Resp: 255964
Ion Ratio Lower Upper
168 100
99 57.6 59.9 89.9

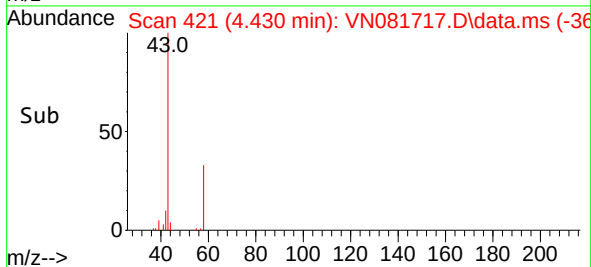
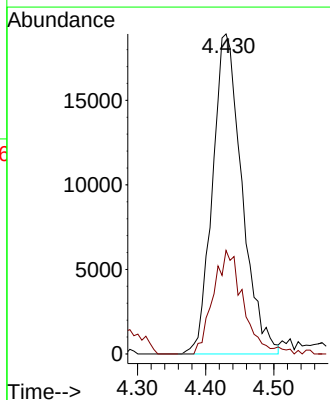
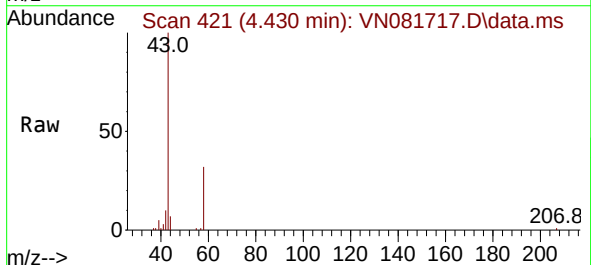
Manual Integrations
APPROVED

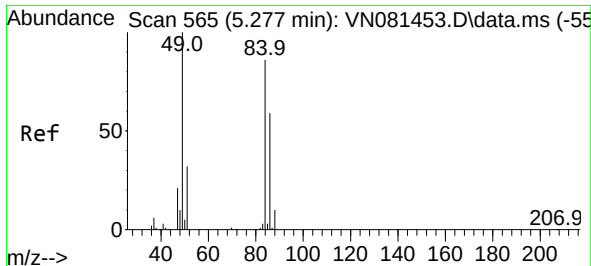
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#16
Acetone
Concen: 53.969 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56

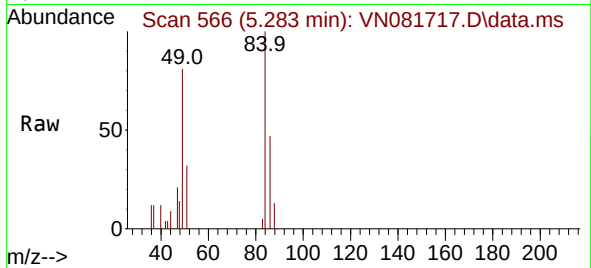
Tgt Ion: 43 Resp: 56933
Ion Ratio Lower Upper
43 100
58 32.4 24.8 37.2





#20
Methylene Chloride
Concen: 4.137 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56

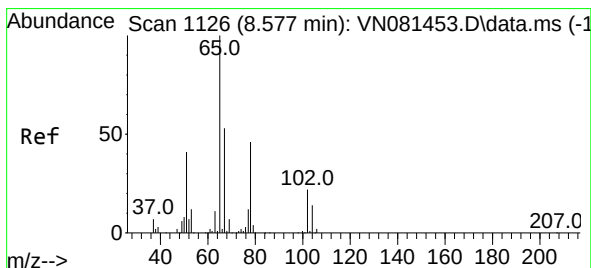
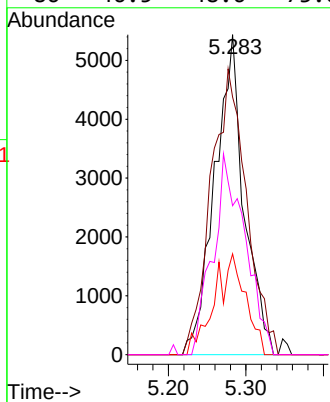
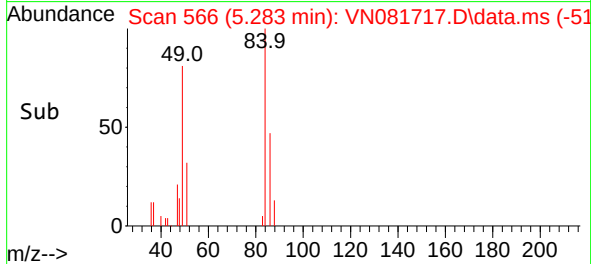
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#02



Tgt Ion: 84 Resp: 1429
Ion Ratio Lower Upper
84 100
49 80.5 108.1 162.1
51 31.5 32.9 49.3
86 46.5 48.6 73.0

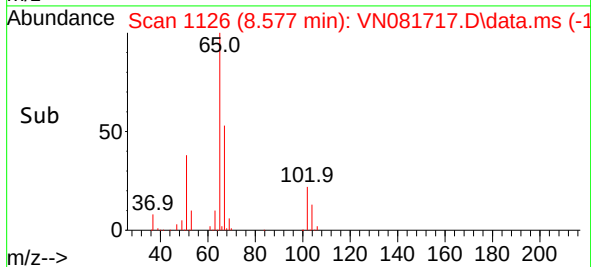
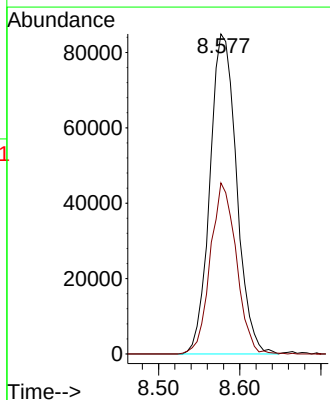
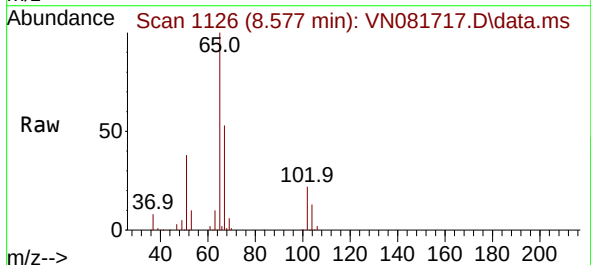
Manual Integrations
APPROVED

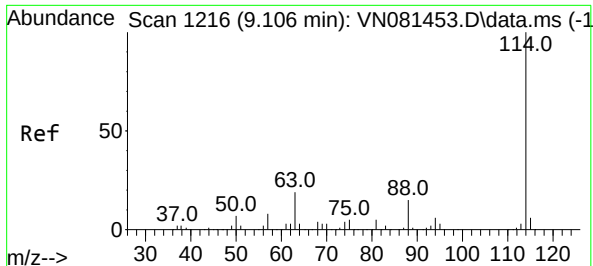
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#33
1,2-Dichloroethane-d4
Concen: 59.306 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56

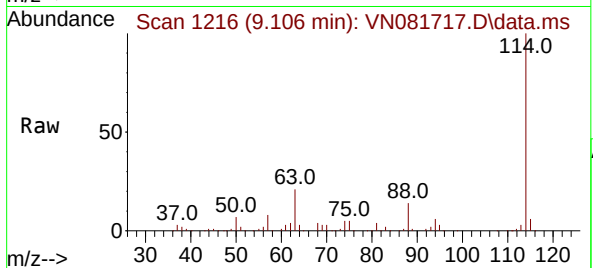
Tgt Ion: 65 Resp: 193587
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56

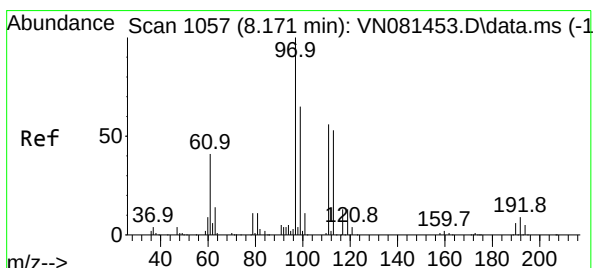
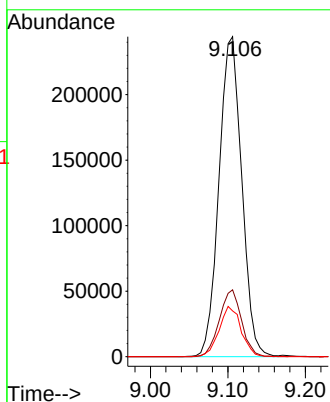
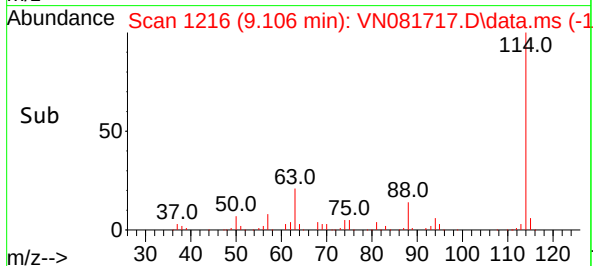
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#02



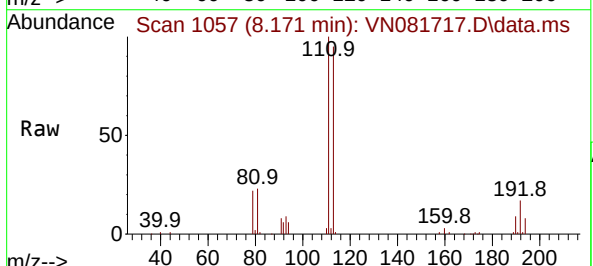
Tgt Ion:114 Resp: 498620
Ion Ratio Lower Upper
114 100
63 20.9 0.0 48.0
88 14.3 0.0 34.8

Manual Integrations
APPROVED

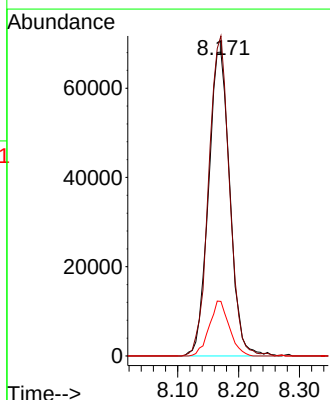
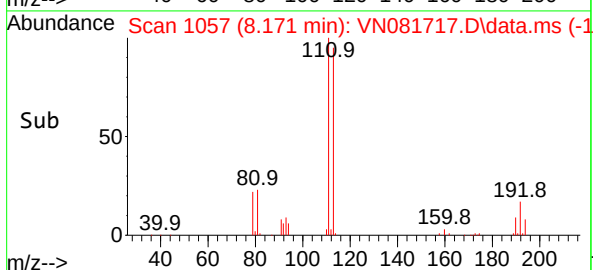
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

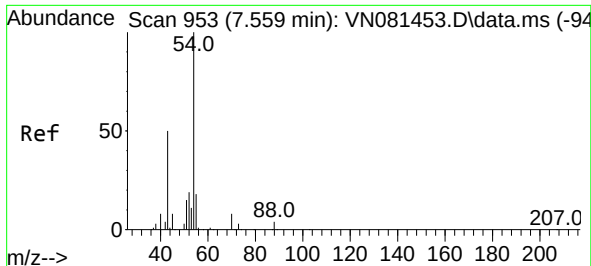


#35
Dibromofluoromethane
Concen: 53.024 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56



Tgt Ion:113 Resp: 166857
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 16.8 12.5 18.7





#37

Ethyl Acetate

Concen: 1.177 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081717.D

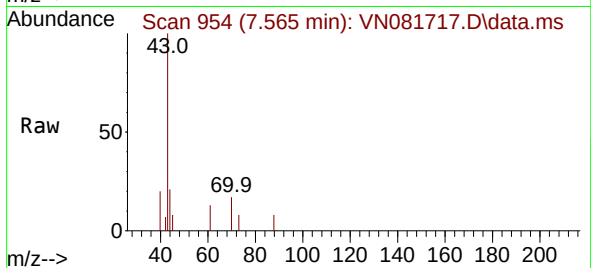
Acq: 12 Apr 2024 14:56

Instrument :

MSVOA_N

ClientSampleId :

PB160181ZHE#02



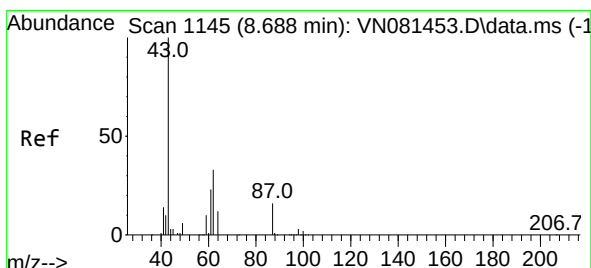
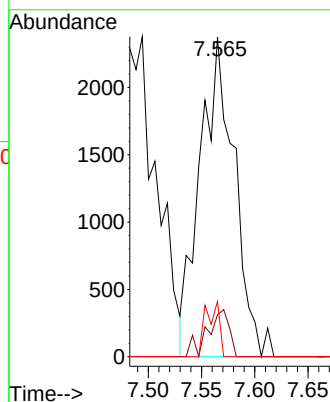
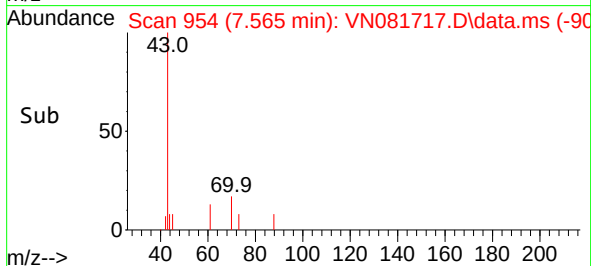
Tgt Ion:	43	Resp:	5339
Ion	Ratio	Lower	Upper
43	100		
61	9.3	10.6	15.8
70	6.8	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/15/2024

Supervised By :Mahesh Dadoda 04/15/2024



#43

Isopropyl Acetate

Concen: 42.960 ug/l m

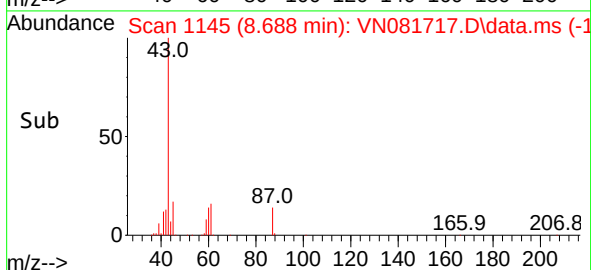
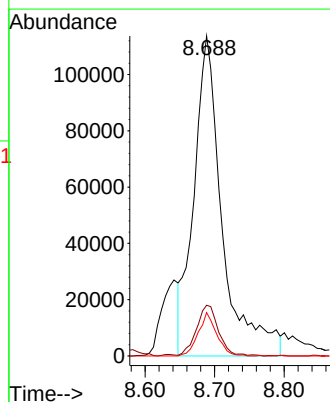
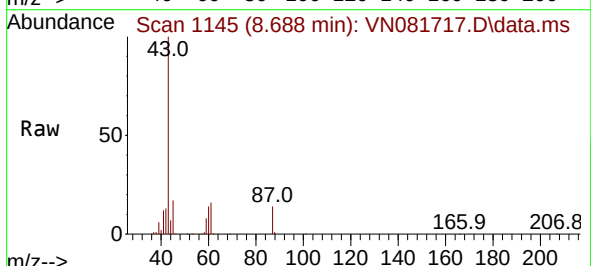
RT: 8.688 min Scan# 1145

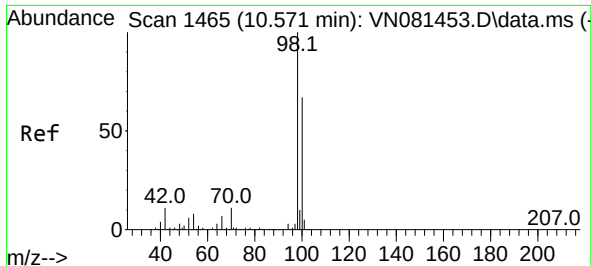
Delta R.T. 0.000 min

Lab File: VN081717.D

Acq: 12 Apr 2024 14:56

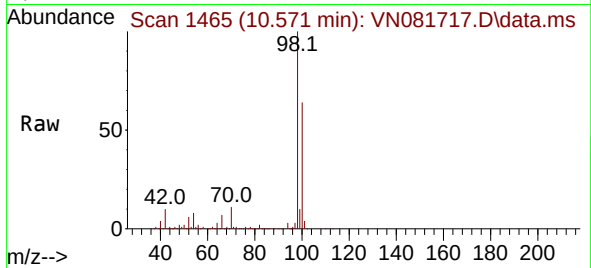
Tgt Ion:	43	Resp:	322922
Ion	Ratio	Lower	Upper
43	100		
61	12.3	19.9	29.9
87	8.8	9.0	13.6





#50
Toluene-d8
Concen: 56.563 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56

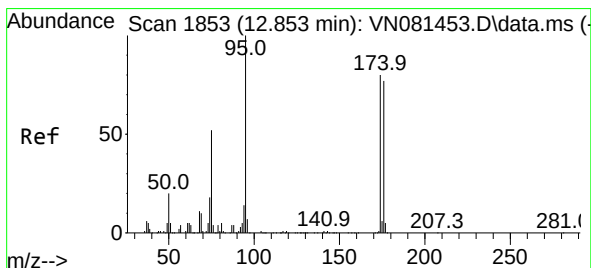
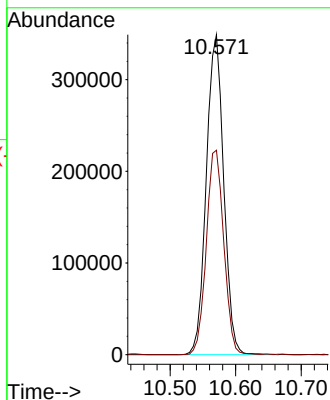
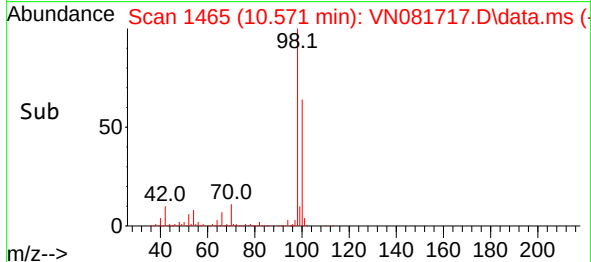
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#02



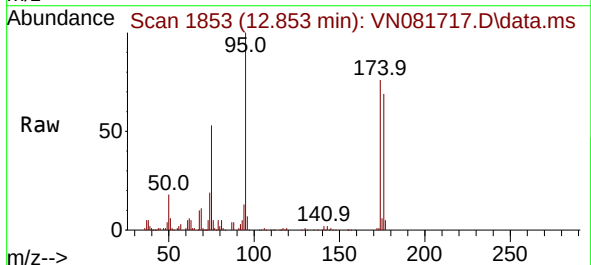
Tgt Ion: 98 Resp: 64343
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

Manual Integrations
APPROVED

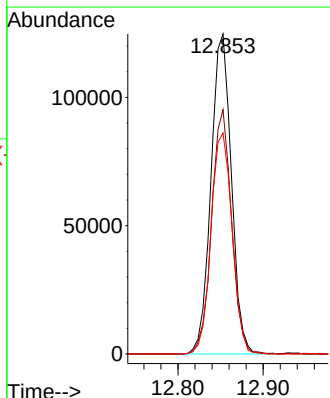
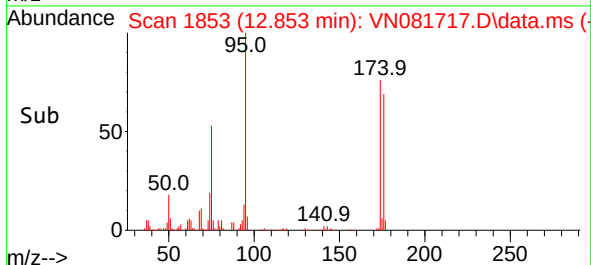
Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024

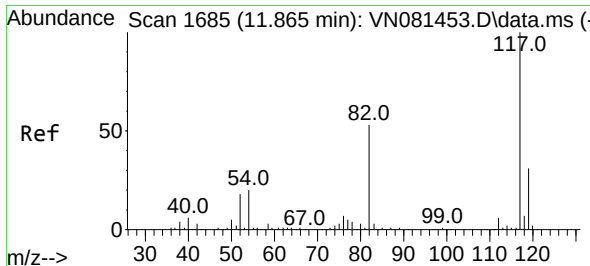


#62
4-Bromofluorobenzene
Concen: 51.724 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56



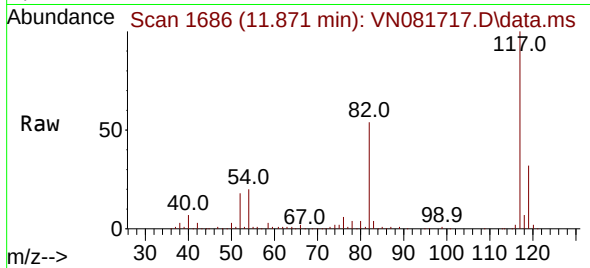
Tgt Ion: 95 Resp: 207322
Ion Ratio Lower Upper
95 100
174 74.7 0.0 120.4
176 71.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56

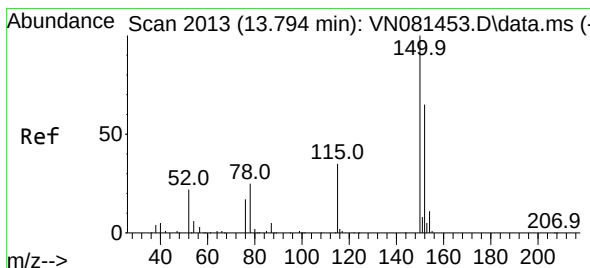
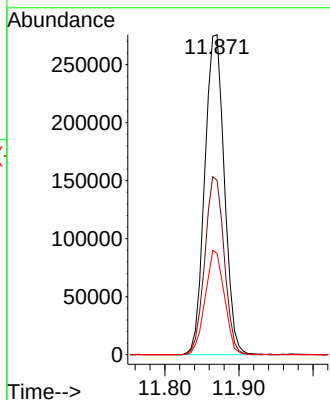
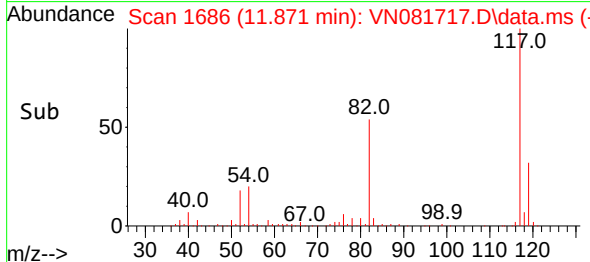
Instrument :
MSVOA_N
ClientSampleId :
PB160181ZHE#02



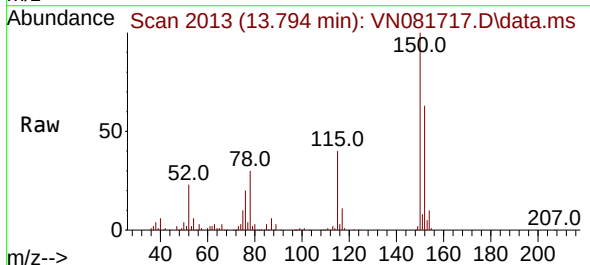
Tgt Ion:117 Resp: 506950
Ion Ratio Lower Upper
117 100
82 54.5 52.7 79.1
119 31.6 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/15/2024
Supervised By :Mahesh Dadoda 04/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081717.D
Acq: 12 Apr 2024 14:56



Tgt Ion:152 Resp: 191851
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 155.6 0.0 339.8

