

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083922.D
 Acq On : 16 Sep 2024 17:03
 Operator : JC\MD
 Sample : PB163359TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163359TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2024
 Supervised By : Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 02:35:12 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	168870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	127910	50.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.460%			
35) Dibromofluoromethane	8.165	113	91588	50.438	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	10.565	98	345155	54.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.960%			
62) 4-Bromofluorobenzene	12.847	95	116273	44.894	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.780%			
Target Compounds						
16) Acetone	4.430	43	24784	24.280	ug/l	93
20) Methylene Chloride	5.283	84	6524	3.123	ug/l	93
43) Isopropyl Acetate	8.688	43	235811m	52.453	ug/l	
44) Trichloroethene	9.353	130	2002	1.051	ug/l	84
59) 2-Hexanone	11.200	43	76565	42.295	ug/l #	52

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

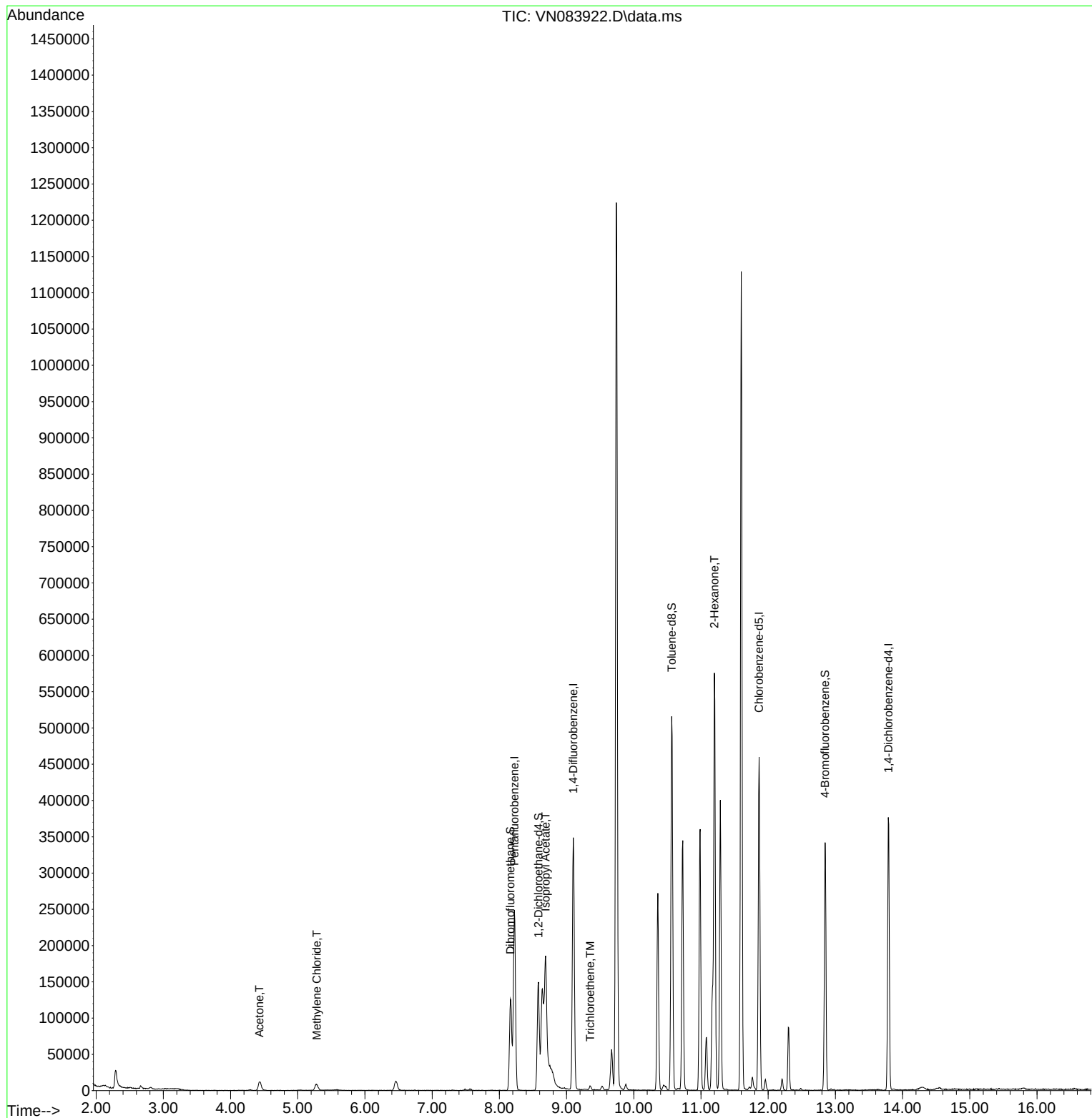
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
Data File : VN083922.D
Acq On : 16 Sep 2024 17:03
Operator : JC\MD
Sample : PB163359TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

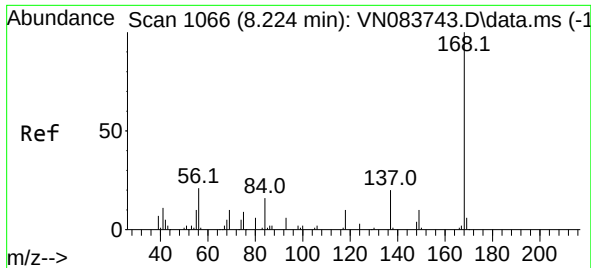
Instrument :
MSVOA_N
ClientSampleId :
PB163359TB

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/17/2024
Supervised By : Mahesh Dadoda 09/17/2024

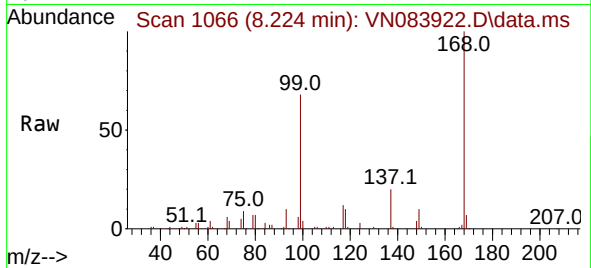
Quant Time: Sep 17 02:35:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03

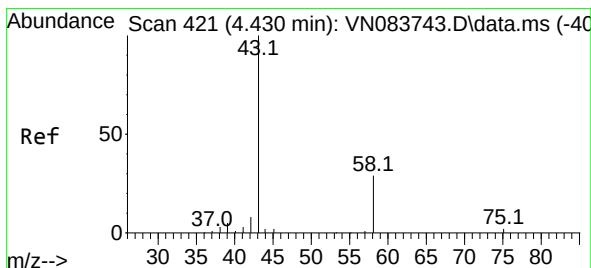
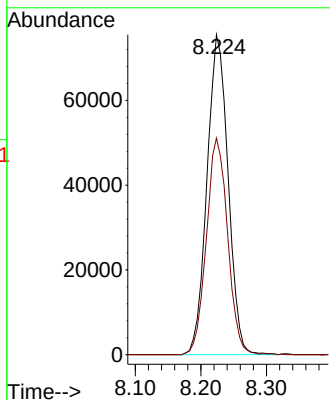
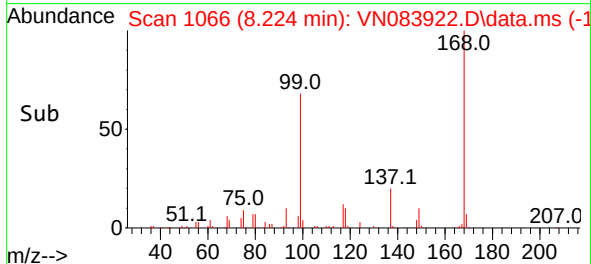
Instrument :
MSVOA_N
ClientSampleId :
PB163359TB



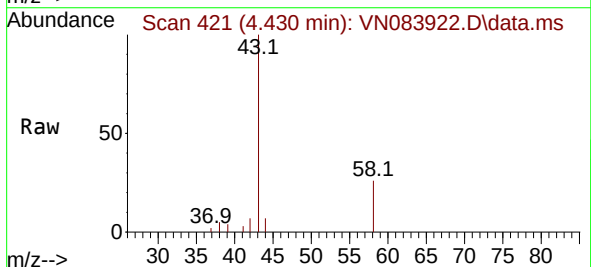
Tgt Ion:168 Resp: 168870
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2

Manual Integrations
APPROVED

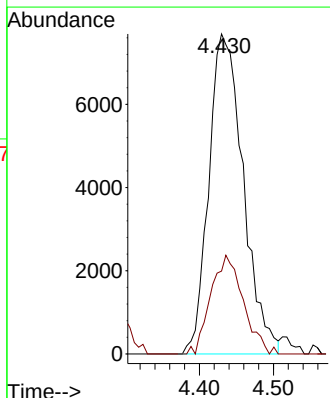
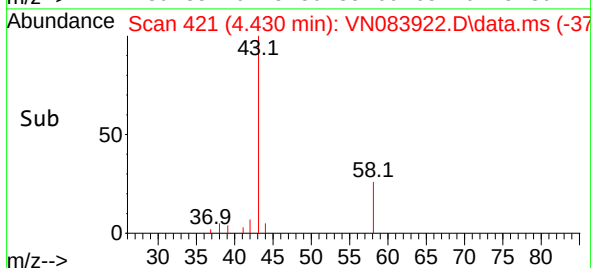
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

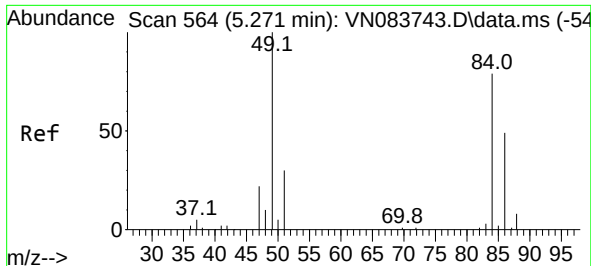


#16
Acetone
Concen: 24.280 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03



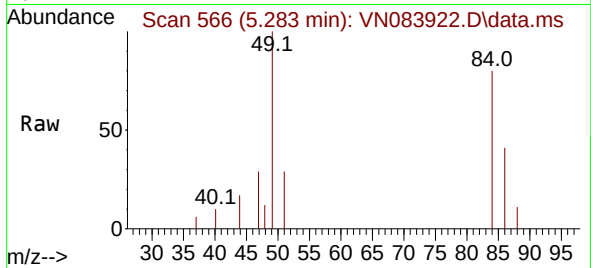
Tgt Ion: 43 Resp: 24784
Ion Ratio Lower Upper
43 100
58 25.9 23.7 35.5





#20
Methylene Chloride
Concen: 3.123 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03

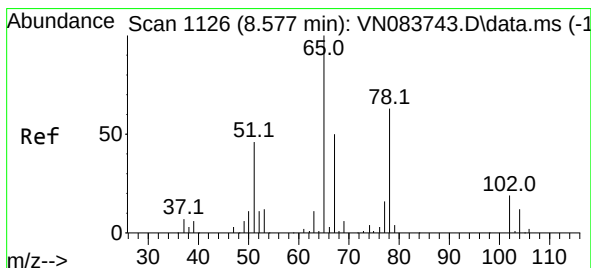
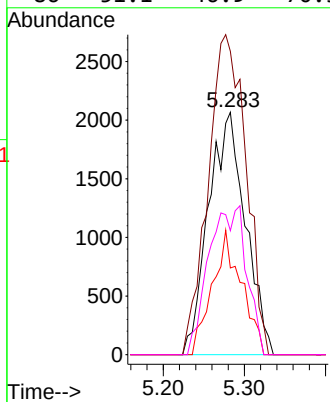
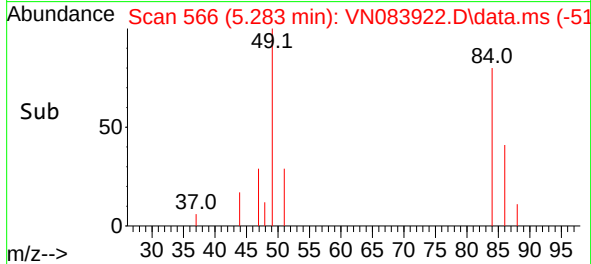
Instrument :
MSVOA_N
ClientSampleId :
PB163359TB



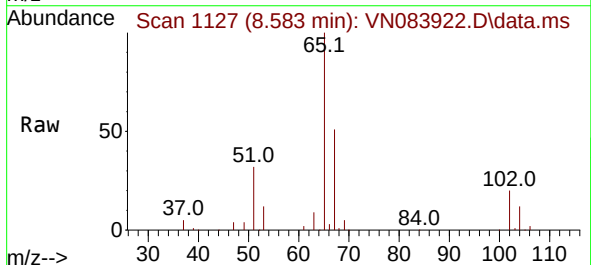
Tgt Ion: 84 Resp: 6524
Ion Ratio Lower Upper
84 100
49 125.2 93.4 140.0
51 35.8 29.2 43.8
86 51.1 46.9 70.3

Manual Integrations
APPROVED

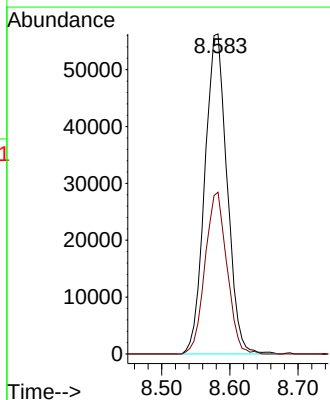
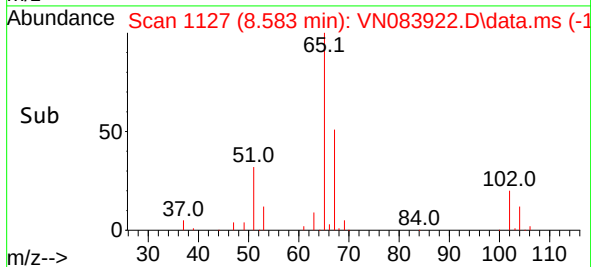
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

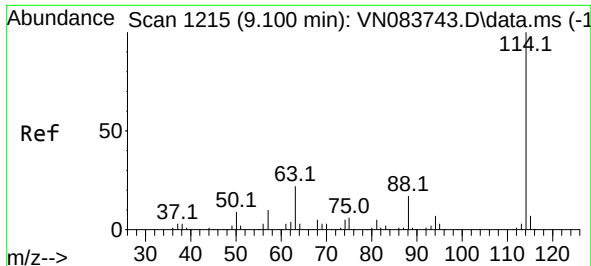


#33
1,2-Dichloroethane-d4
Concen: 50.233 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03



Tgt Ion: 65 Resp: 127910
Ion Ratio Lower Upper
65 100
67 49.7 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: VN083922.D
Acq: 16 Sep 2024 17:03

Instrument :

MSVOA_N

ClientSampleId :

PB163359TB

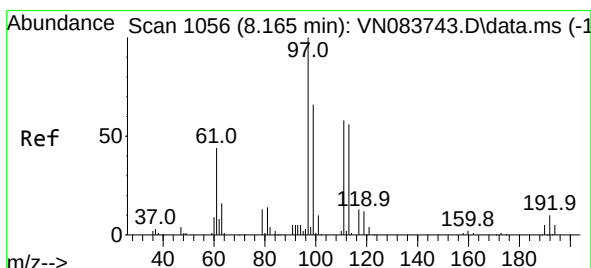
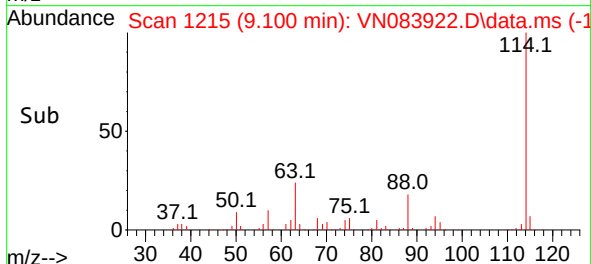
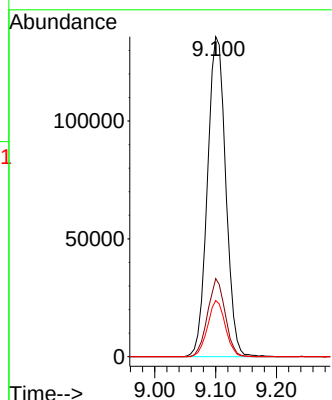
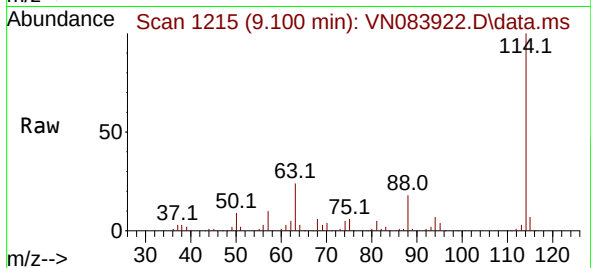
Tgt Ion:114 Resp: 28364
Ion Ratio Lower Upper
114 100
63 24.4 0.0 43.4
88 17.6 0.0 32.6

Manual Integrations

APPROVED

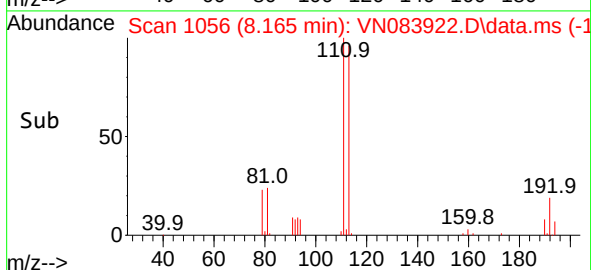
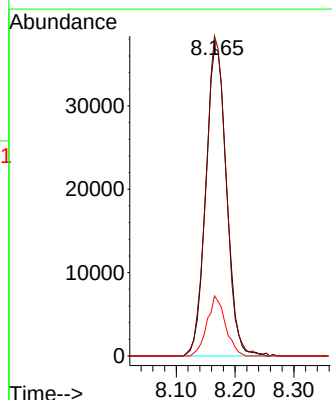
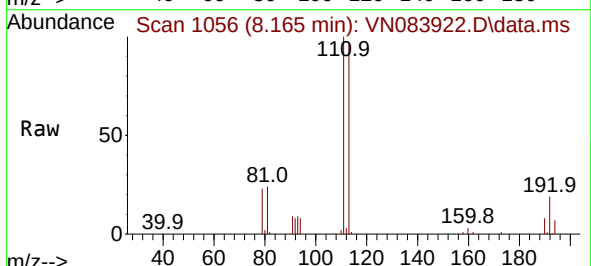
Reviewed By :John Carlone 09/17/2024

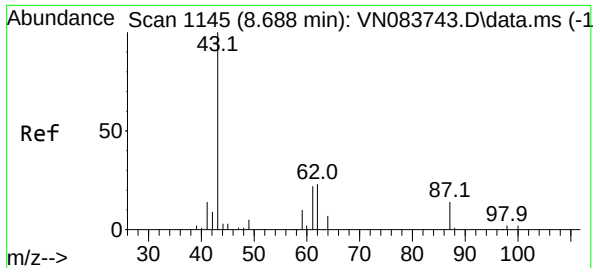
Supervised By :Mahesh Dadoda 09/17/2024



#35
Dibromofluoromethane
Concen: 50.438 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03

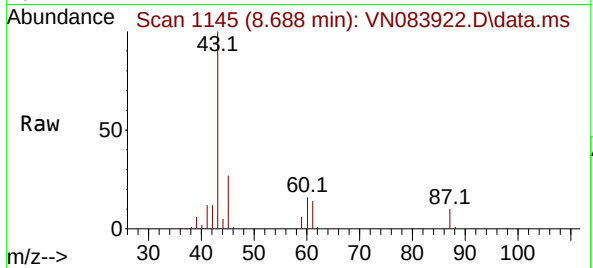
Tgt Ion:113 Resp: 91588
Ion Ratio Lower Upper
113 100
111 100.2 82.6 124.0
192 17.1 14.3 21.5





#43
Isopropyl Acetate
Concen: 52.453 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03

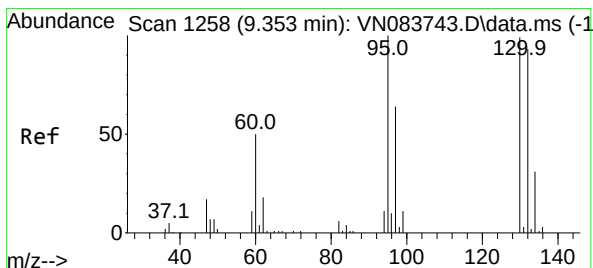
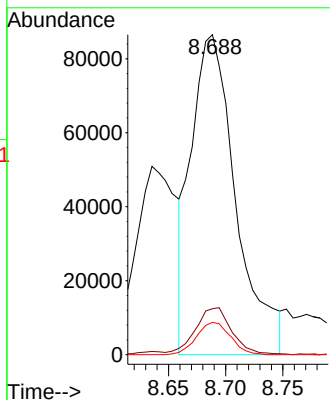
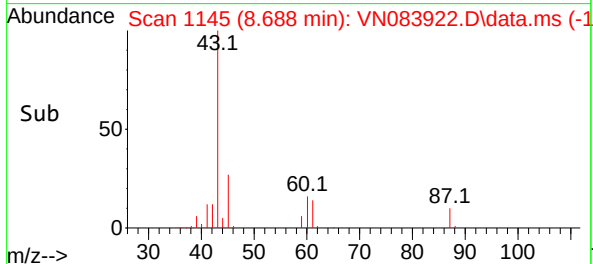
Instrument :
MSVOA_N
ClientSampleId :
PB163359TB



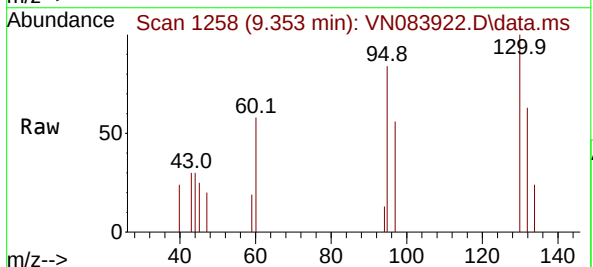
Tgt Ion: 43 Resp: 23581
Ion Ratio Lower Upper
43 100
61 12.0 19.4 29.0
87 7.7 9.8 14.6

Manual Integrations
APPROVED

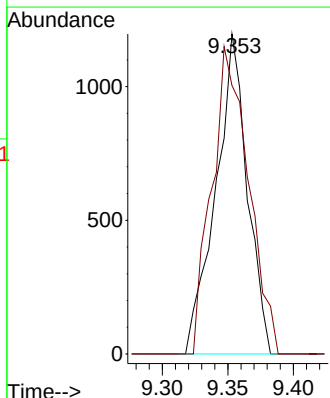
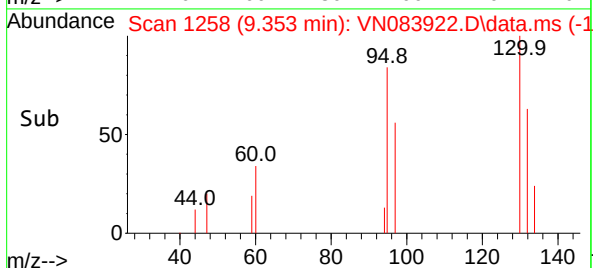
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

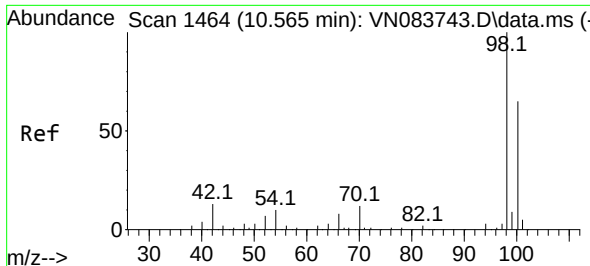


#44
Trichloroethene
Concen: 1.051 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03



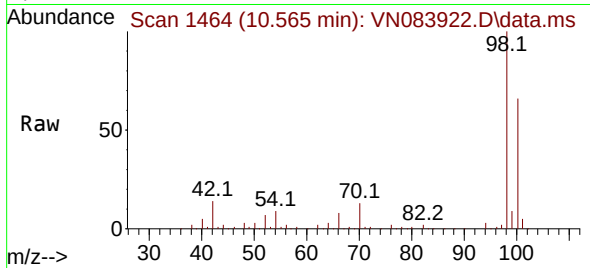
Tgt Ion:130 Resp: 2002
Ion Ratio Lower Upper
130 100
95 83.9 0.0 200.4





#50
Toluene-d8
Concen: 54.983 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03

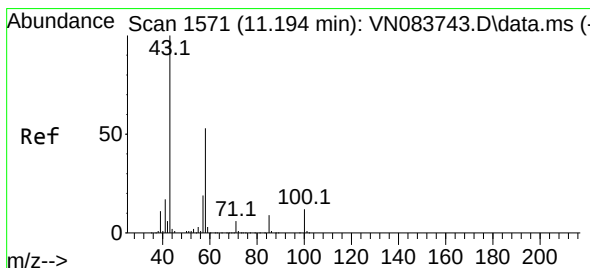
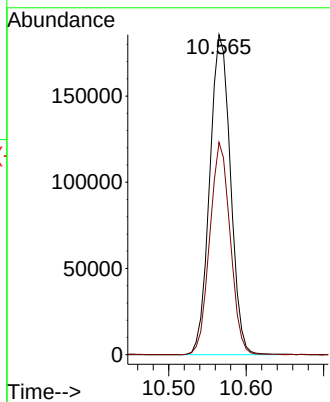
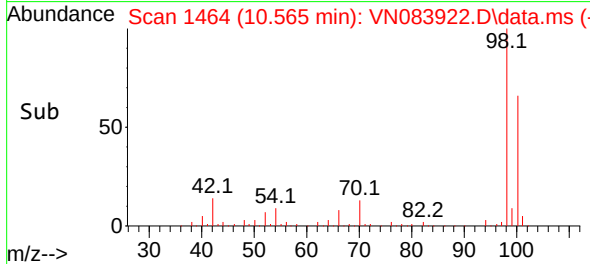
Instrument :
MSVOA_N
ClientSampleId :
PB163359TB



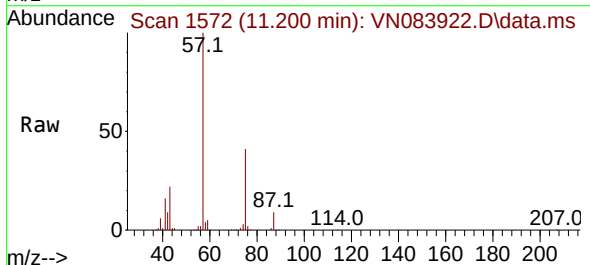
Tgt Ion: 98 Resp: 34515
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

Manual Integrations
APPROVED

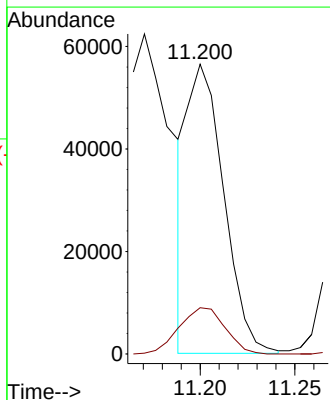
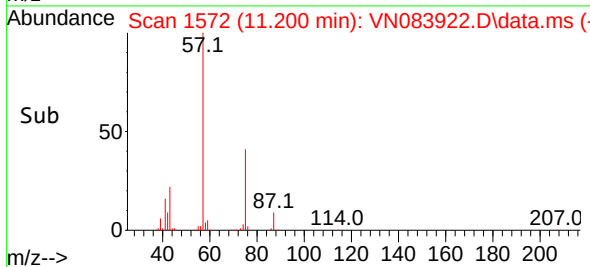
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

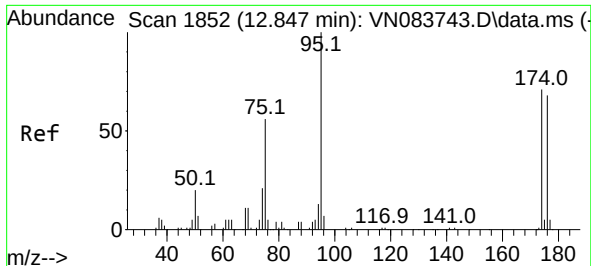


#59
2-Hexanone
Concen: 42.295 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03



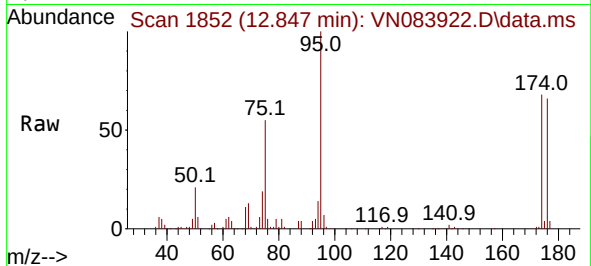
Tgt Ion: 43 Resp: 76565
Ion Ratio Lower Upper
43 100
58 20.0 27.2 81.5#





#62
4-Bromofluorobenzene
Concen: 44.894 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03

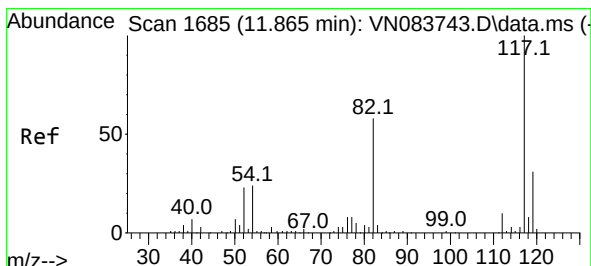
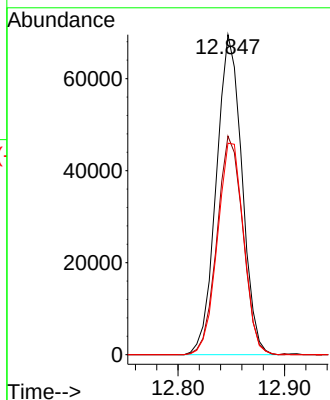
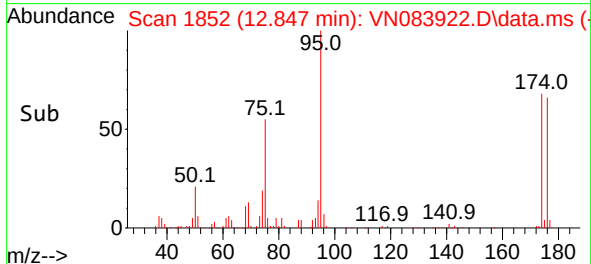
Instrument :
MSVOA_N
ClientSampleId :
PB163359TB



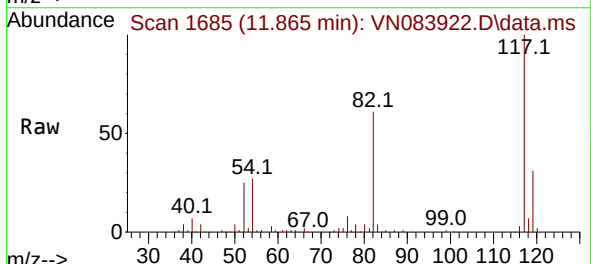
Tgt Ion: 95 Resp: 11627
Ion Ratio Lower Upper
95 100
174 69.0 0.0 139.8
176 67.7 0.0 131.4

Manual Integrations
APPROVED

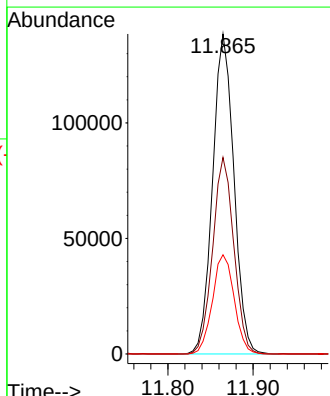
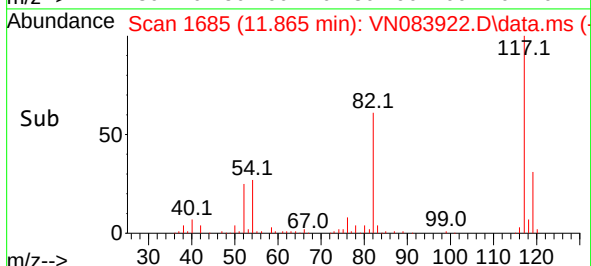
Reviewed By :John Carlone 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024

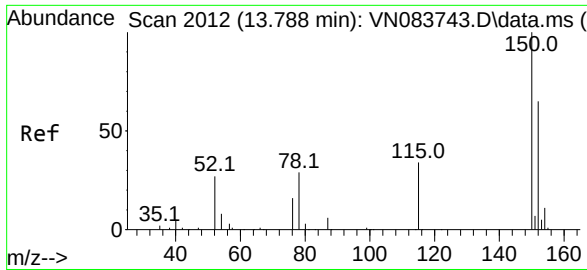


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083922.D
Acq: 16 Sep 2024 17:03



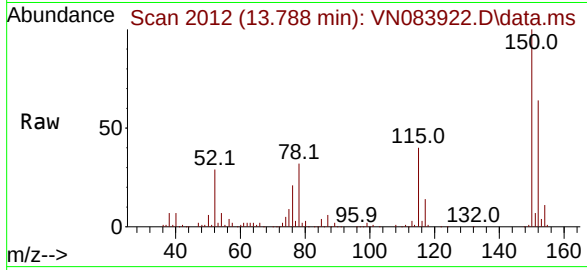
Tgt Ion:117 Resp: 240344
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.0
119 31.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083922.D
 Acq: 16 Sep 2024 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163359TB



Tgt Ion:152 Resp: 94025
 Ion Ratio Lower Upper
 152 100
 115 65.5 32.2 96.6
 150 158.2 0.0 348.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

