

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083811.D
 Acq On : 11 Sep 2024 21:33
 Operator : JC\MD
 Sample : P3905-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2024
 Supervised By : Mahesh Dadoda 09/12/2024

Quant Time: Sep 12 05:03:20 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	107267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	236723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	92662	57.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.580%			
35) Dibromofluoromethane	8.165	113	72585	47.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.800%			
50) Toluene-d8	10.565	98	272882	52.086	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.180%			
62) 4-Bromofluorobenzene	12.847	95	133205	61.626	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 123.260%#			
Target Compounds					Qvalue	
16) Acetone	4.436	43	38999	60.147	ug/l	97
18) Methyl Acetate	5.024	43	6987	3.444	ug/l	94
20) Methylene Chloride	5.259	84	6206	4.677	ug/l	89
25) 2-Butanone	7.494	43	4592	5.388	ug/l #	88
43) Isopropyl Acetate	8.688	43	240808m	64.182	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	10768	5.272	ug/l #	69
95) Naphthalene	15.641	128	18573	2.494	ug/l	99

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

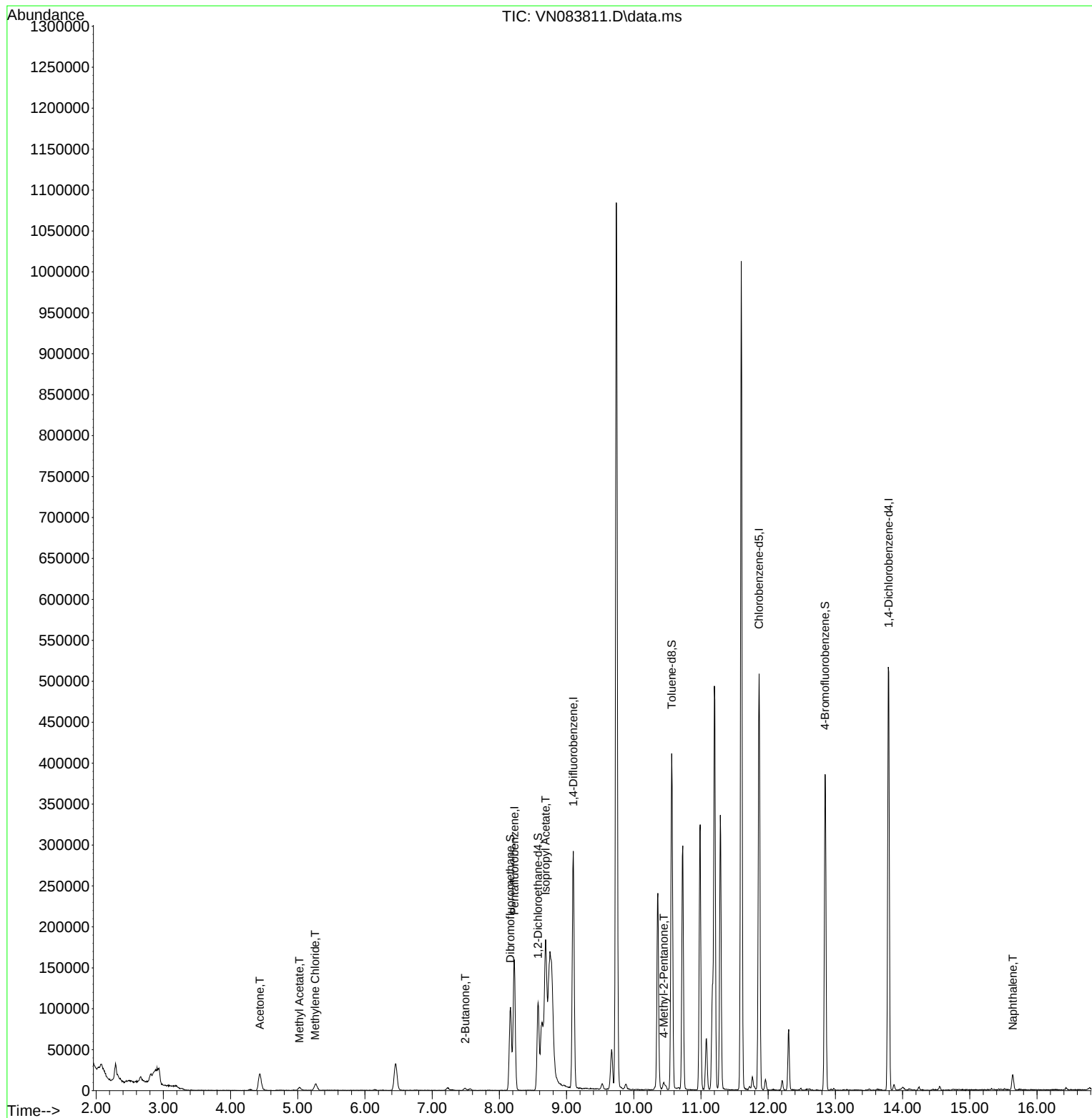
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
Data File : VN083811.D
Acq On : 11 Sep 2024 21:33
Operator : JC\MD
Sample : P3905-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP-1

Quant Time: Sep 12 05:03:20 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

Manual Integrations
APPROVED

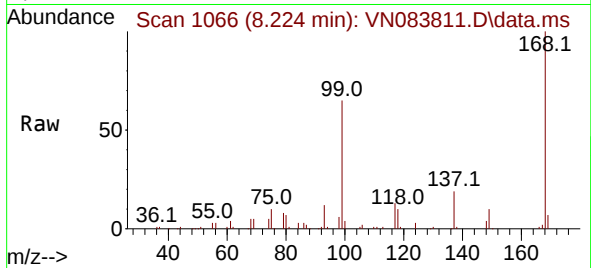
Reviewed By : John Carlone 09/12/2024
Supervised By : Mahesh Dadoda 09/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

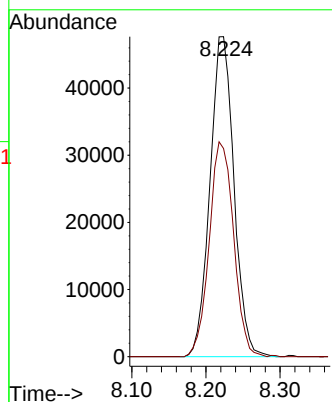
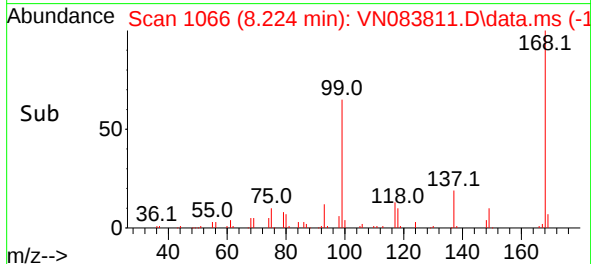
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



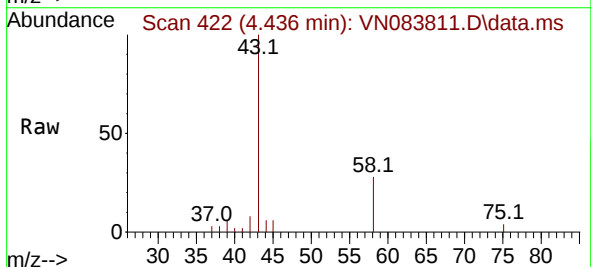
Tgt Ion:168 Resp: 10726
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2

Manual Integrations
APPROVED

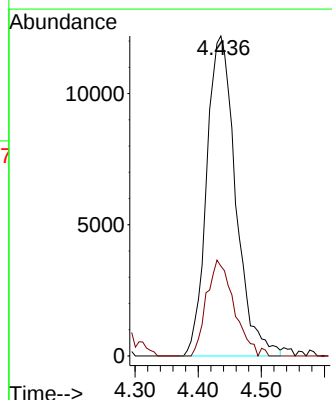
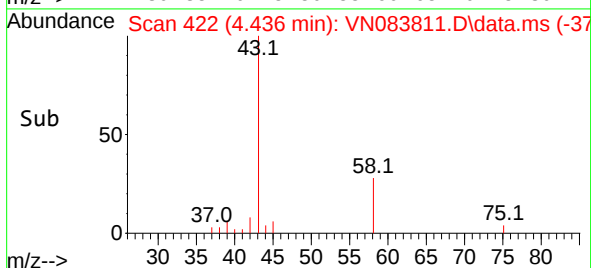
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

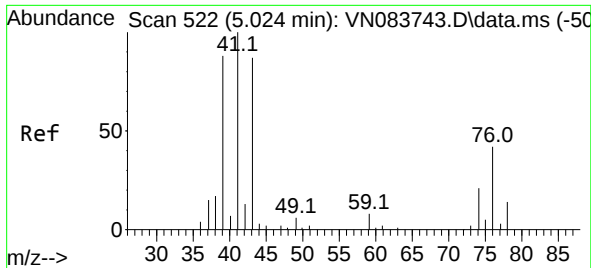


#16
Acetone
Concen: 60.147 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33



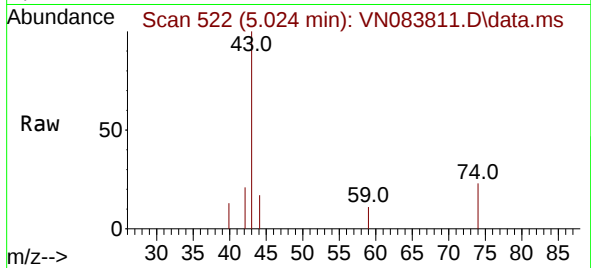
Tgt Ion: 43 Resp: 38999
Ion Ratio Lower Upper
43 100
58 28.1 23.7 35.5





#18
Methyl Acetate
Concen: 3.444 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

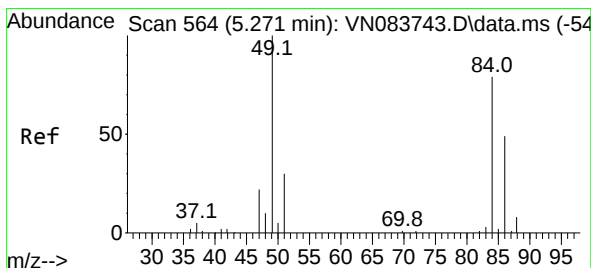
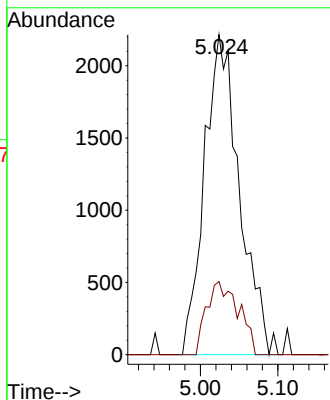
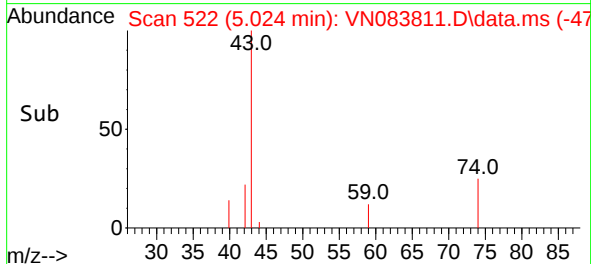
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
74 20.8 19.0 28.4

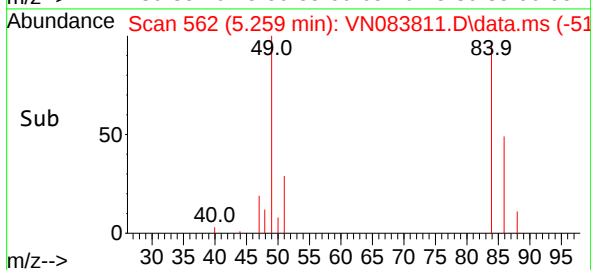
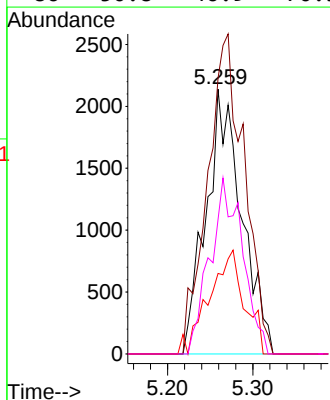
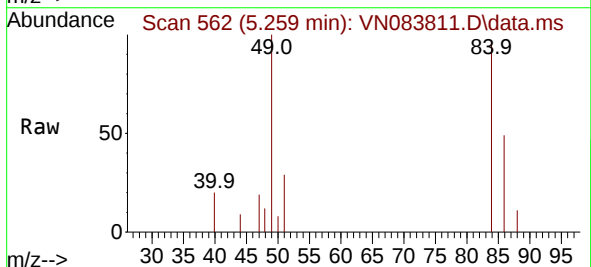
Manual Integrations
APPROVED

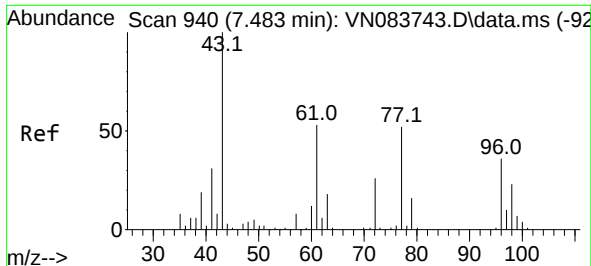
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#20
Methylene Chloride
Concen: 4.677 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

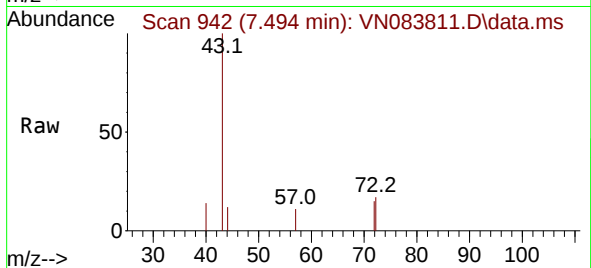
Tgt Ion: 84 Resp: 6206
Ion Ratio Lower Upper
84 100
49 104.2 93.4 140.0
51 30.4 29.2 43.8
86 50.8 46.9 70.3





#25
2-Butanone
Concen: 5.388 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

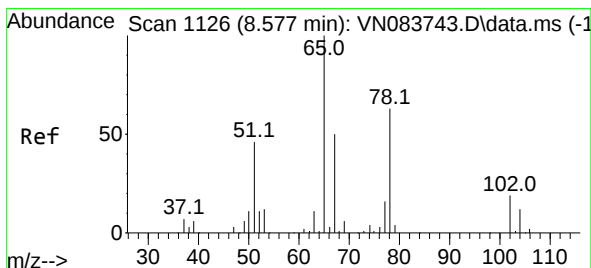
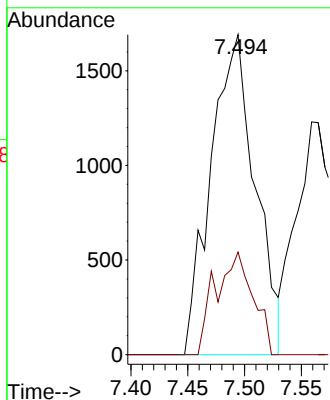
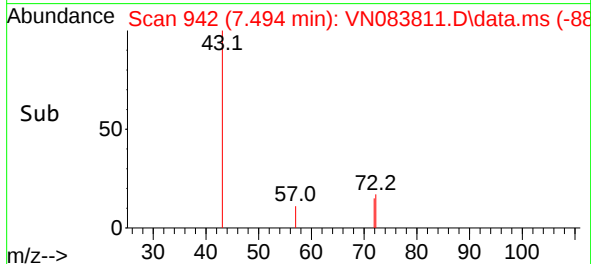
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



Tgt Ion: 43 Resp: 4592
Ion Ratio Lower Upper
43 100
72 32.1 20.8 31.2

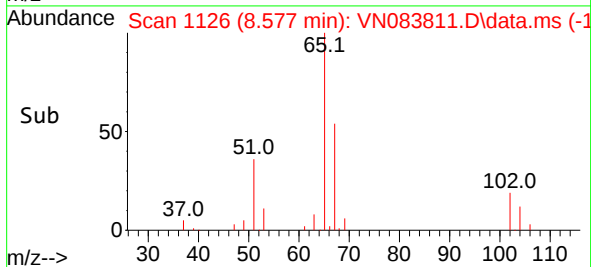
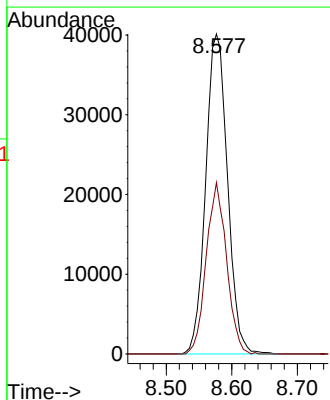
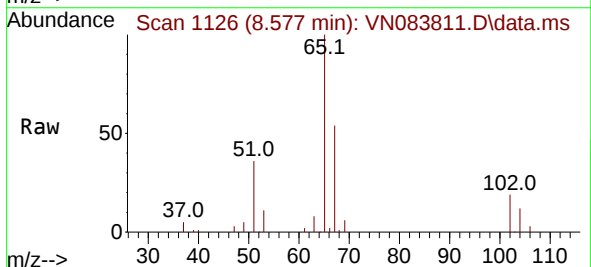
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#33
1,2-Dichloroethane-d4
Concen: 57.289 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

Tgt Ion: 65 Resp: 92662
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083811.D

Acq: 11 Sep 2024 21:33

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

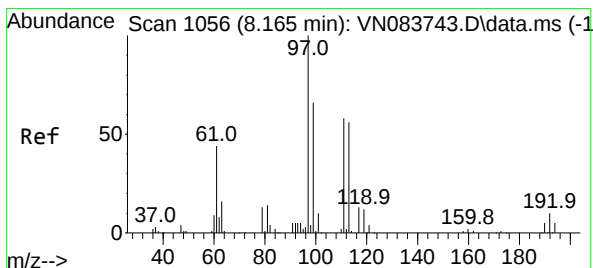
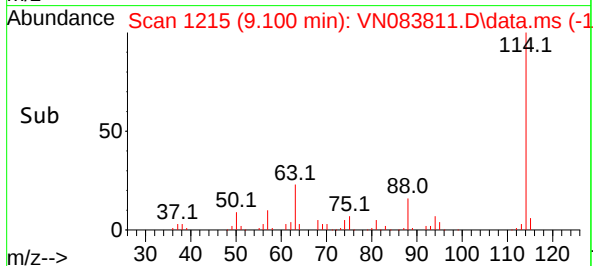
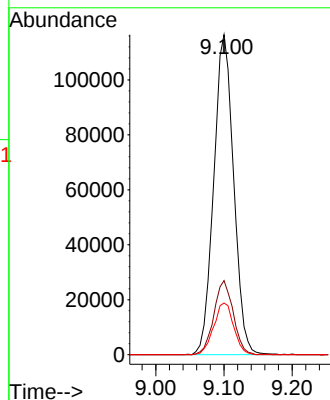
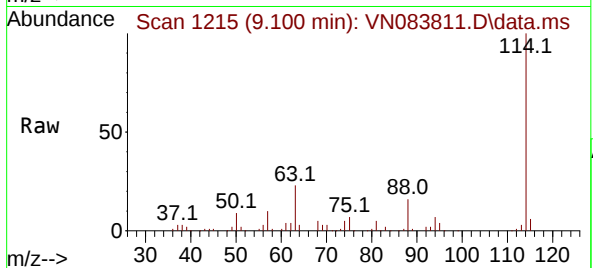
Tgt Ion:114	Resp:	23672
Ion Ratio	Lower	Upper
114	100	
63	23.2	0.0 43.4
88	16.1	0.0 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#35

Dibromofluoromethane

Concen: 47.896 ug/l

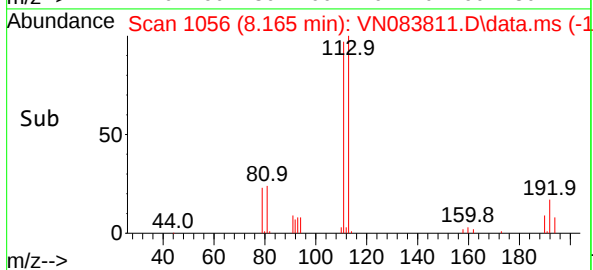
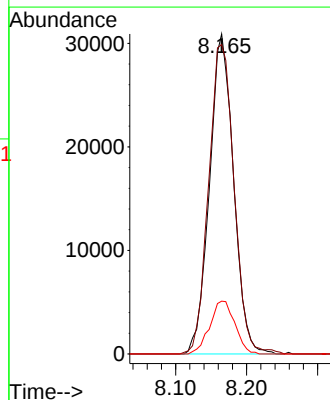
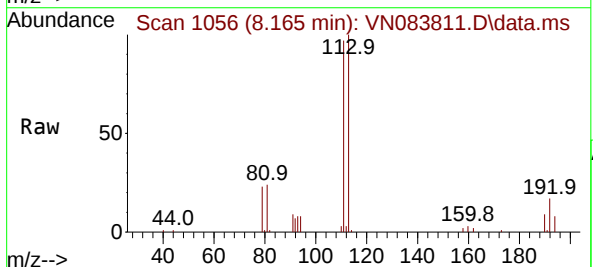
RT: 8.165 min Scan# 1056

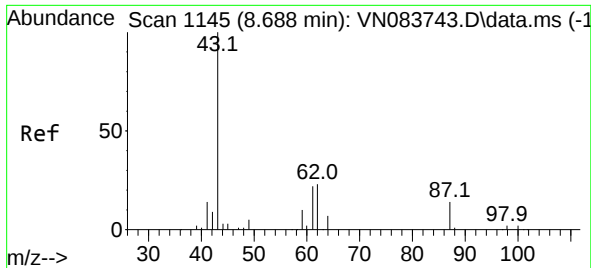
Delta R.T. -0.000 min

Lab File: VN083811.D

Acq: 11 Sep 2024 21:33

Tgt Ion:113	Resp:	72585
Ion Ratio	Lower	Upper
113	100	
111	102.2	82.6 124.0
192	17.2	14.3 21.5





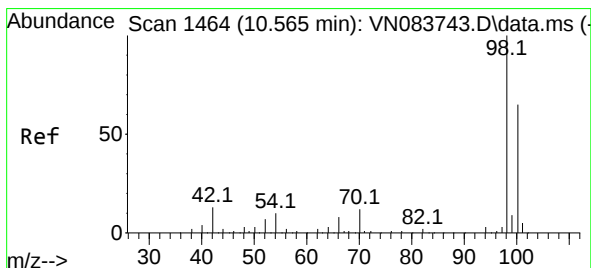
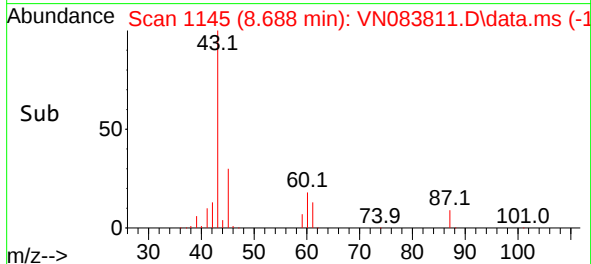
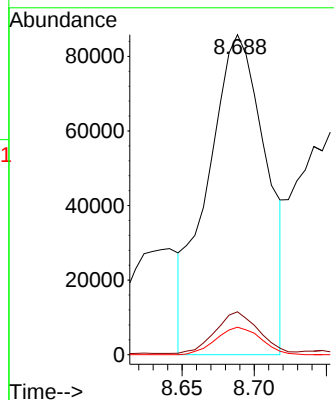
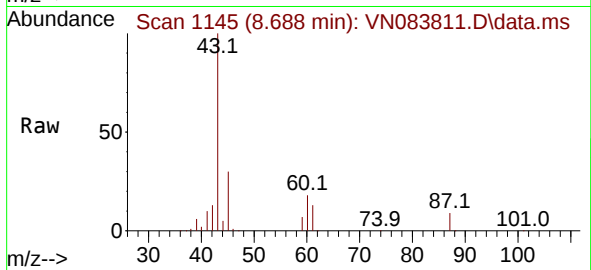
#43
Isopropyl Acetate
Concen: 64.182 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

Instrument :
MSVOA_N
ClientSampleId :
COMP-1

Tgt Ion: 43 Resp: 240808
Ion Ratio Lower Upper
43 100
61 9.5 19.4 29.0
87 6.6 9.8 14.6

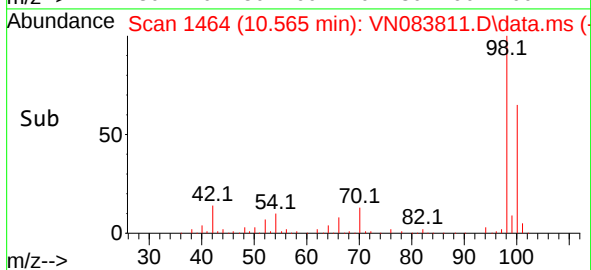
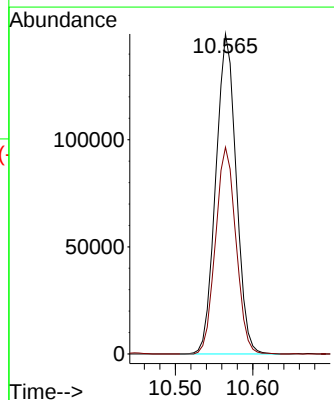
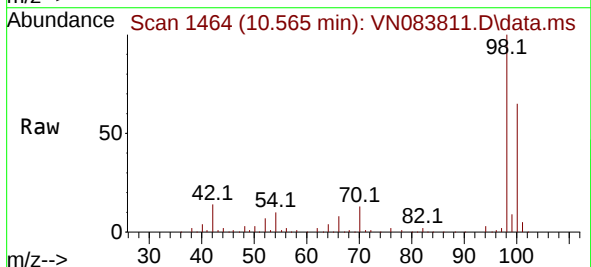
Manual Integrations
APPROVED

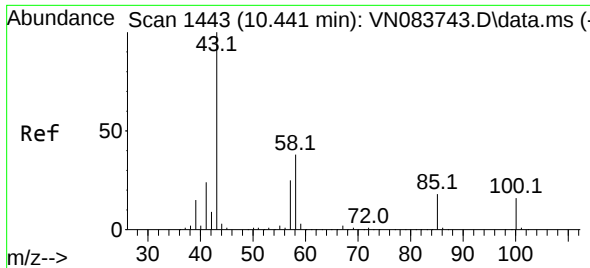
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#50
Toluene-d8
Concen: 52.086 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

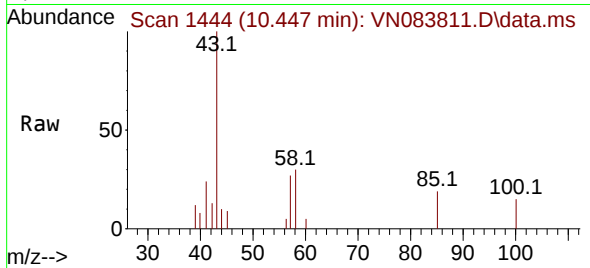
Tgt Ion: 98 Resp: 272882
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 5.272 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

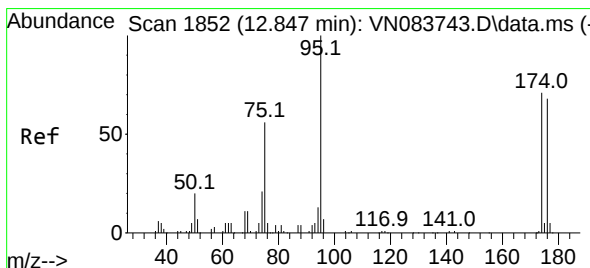
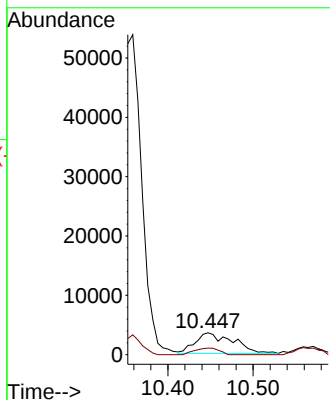
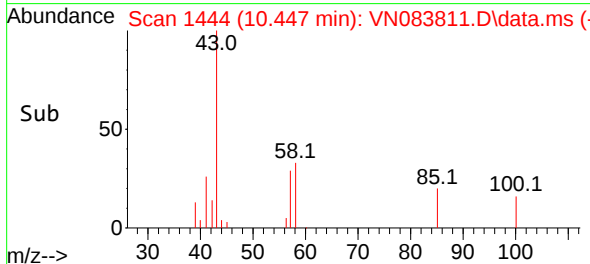
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



Tgt Ion: 43 Resp: 10768
Ion Ratio Lower Upper
43 100
58 20.5 31.6 47.4

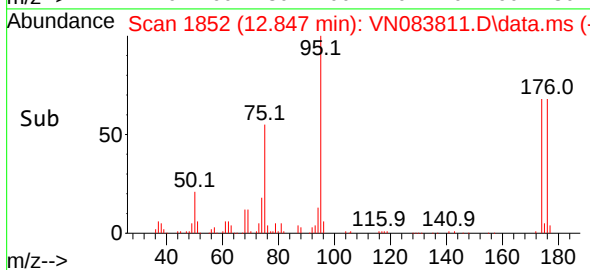
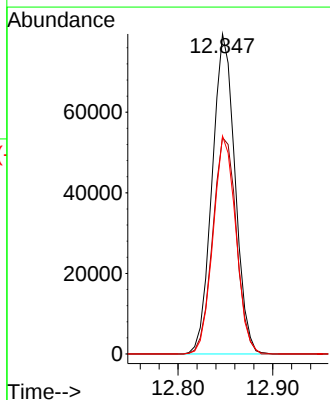
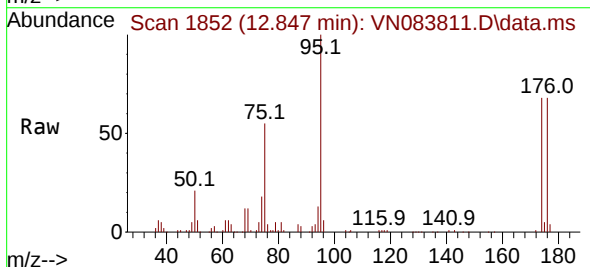
Manual Integrations
APPROVED

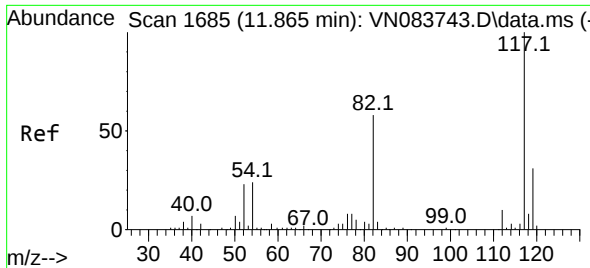
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#62
4-Bromofluorobenzene
Concen: 61.626 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

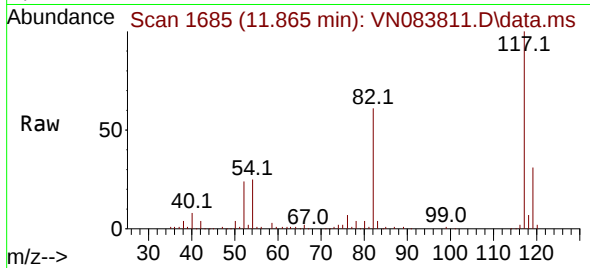
Tgt Ion: 95 Resp: 133205
Ion Ratio Lower Upper
95 100
174 70.3 0.0 139.8
176 67.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

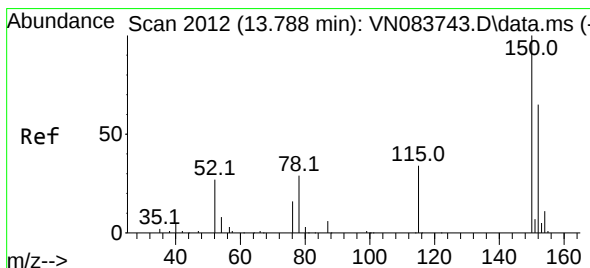
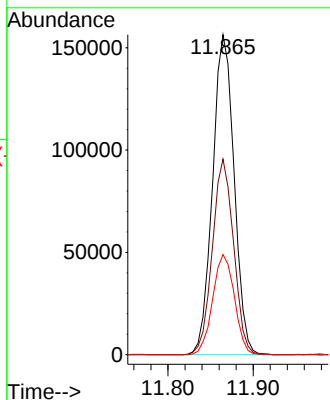
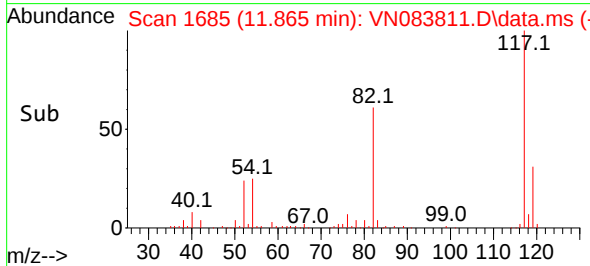
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



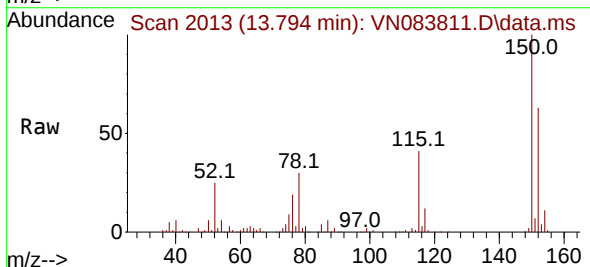
Tgt Ion:117 Resp: 275120
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.0
119 31.3 26.3 39.5

Manual Integrations
APPROVED

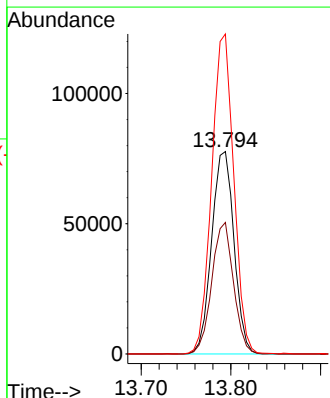
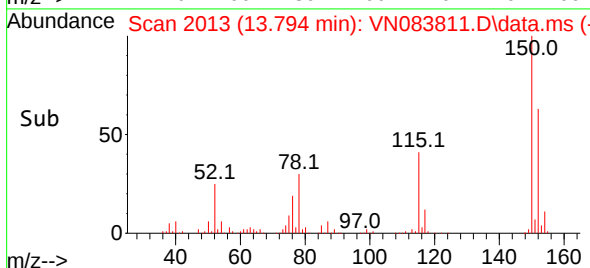
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

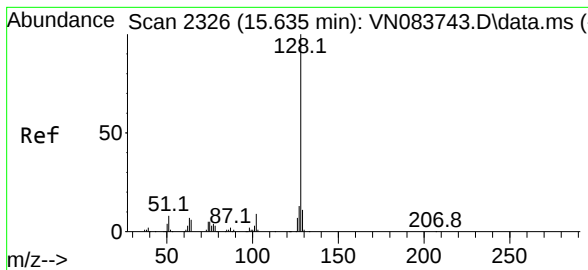


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33



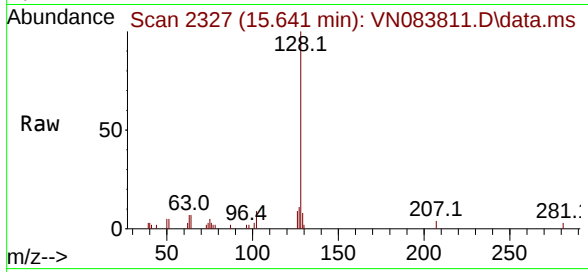
Tgt Ion:152 Resp: 134461
Ion Ratio Lower Upper
152 100
115 63.2 32.2 96.6
150 156.2 0.0 348.6





#95
Naphthalene
Concen: 2.494 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083811.D
Acq: 11 Sep 2024 21:33

Instrument :
MSVOA_N
ClientSampleId :
COMP-1



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	11.4	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

