

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083983.D
 Acq On : 18 Sep 2024 15:27
 Operator : JC\MD
 Sample : PB163447TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447TB

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 01:34:51 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	185657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138875	49.608	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.220%		
35) Dibromofluoromethane	8.165	113	98126	48.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	10.565	98	379488	54.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.880%		
62) 4-Bromofluorobenzene	12.847	95	131484	45.718	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.440%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	25892	23.072	ug/l	99
20) Methylene Chloride	5.283	84	7326	3.190	ug/l #	85
43) Isopropyl Acetate	8.688	43	192314m	38.523	ug/l	

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

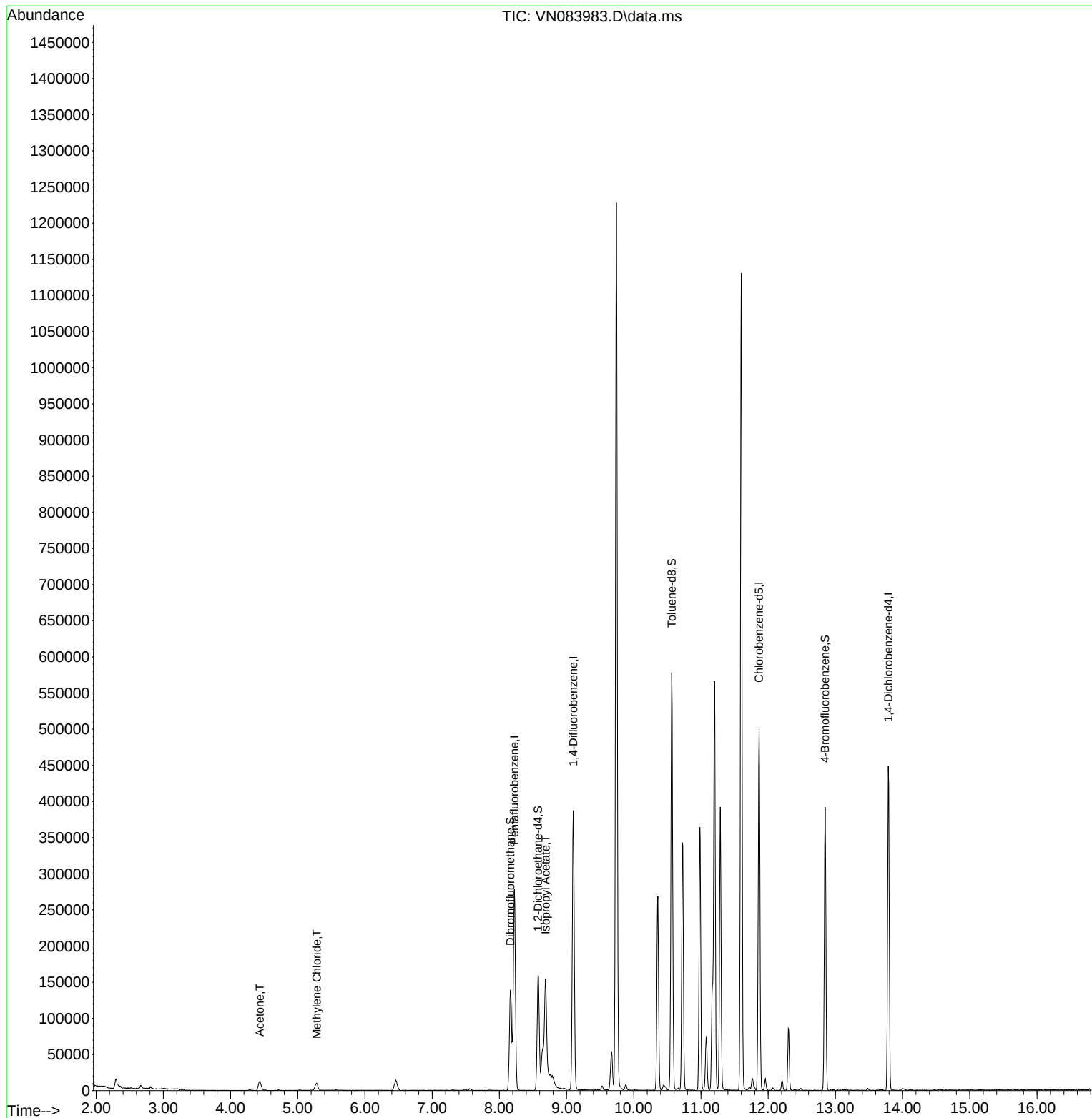
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN083983.D
Acq On : 18 Sep 2024 15:27
Operator : JC\MD
Sample : PB163447TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

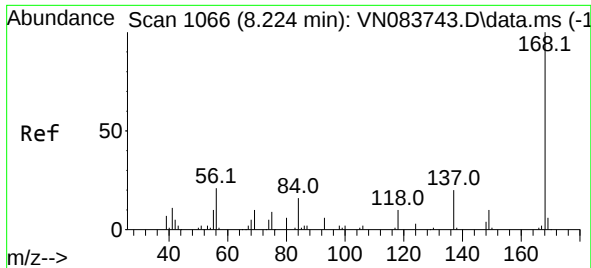
Instrument :
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ClientSampleId :
PB163447TB

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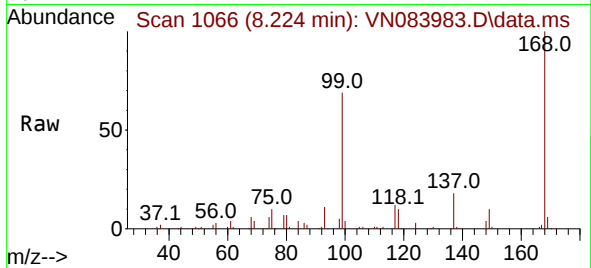
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083983.D
Acq: 18 Sep 2024 15:27

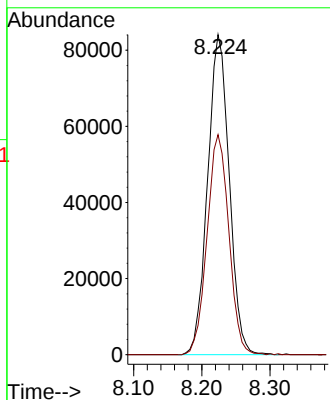
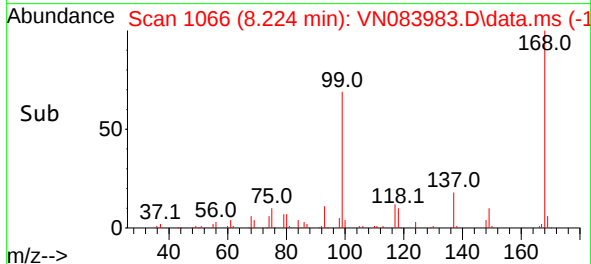
Instrument :
MSVOA_N
ClientSampleId :
PB163447B



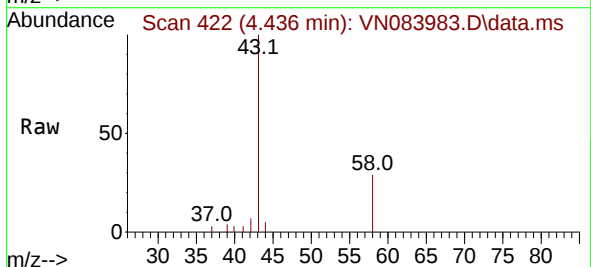
Tgt Ion:168 Resp: 18565
Ion Ratio Lower Upper
168 100
99 68.7 54.2 81.2

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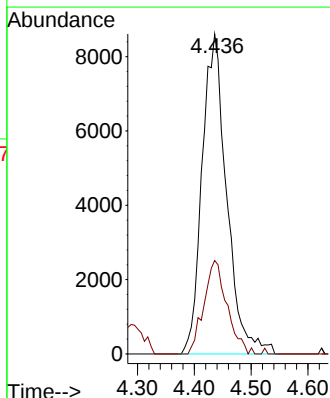
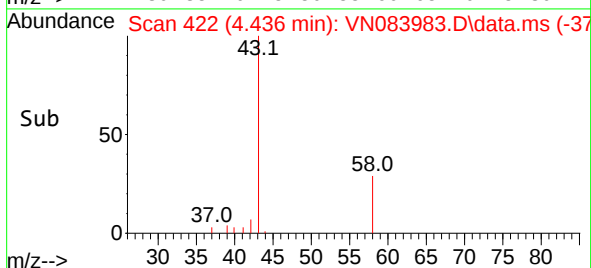
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

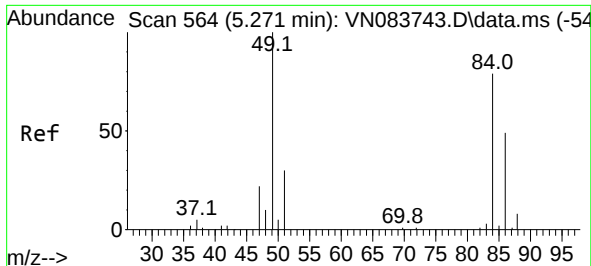


#16
Acetone
Concen: 23.072 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083983.D
Acq: 18 Sep 2024 15:27



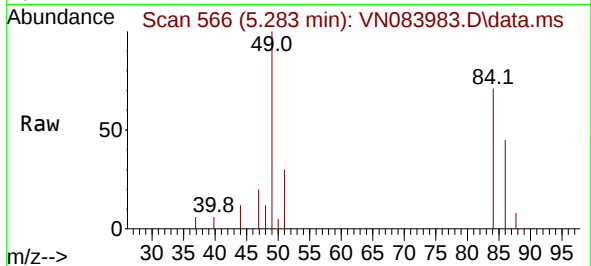
Tgt Ion: 43 Resp: 25892
Ion Ratio Lower Upper
43 100
58 29.2 23.7 35.5





#20
Methylene Chloride
Concen: 3.190 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083983.D
Acq: 18 Sep 2024 15:27

Instrument :
MSVOA_N
ClientSampleId :
PB163447B

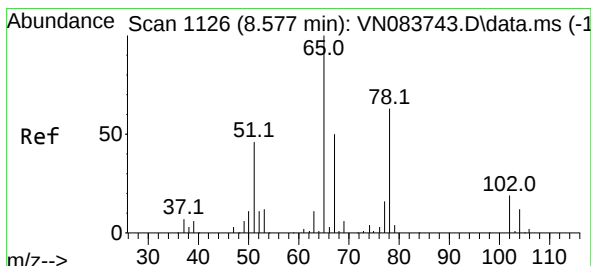
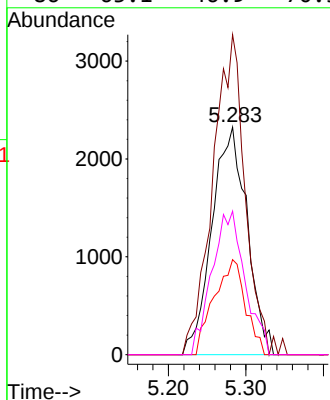
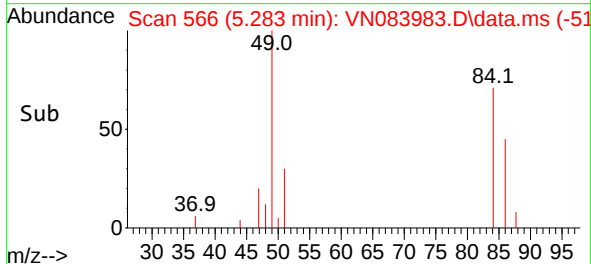


Tgt Ion: 84 Resp: 7320

Ion	Ratio	Lower	Upper
84	100		
49	140.6	93.4	140.0
51	41.8	29.2	43.8
86	63.1	46.9	70.3

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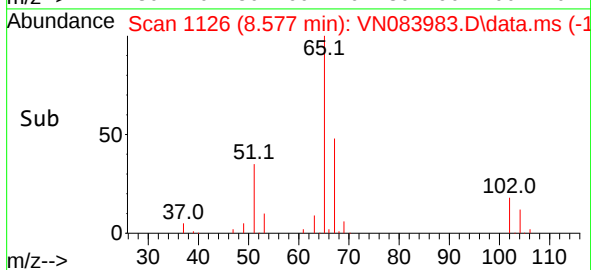
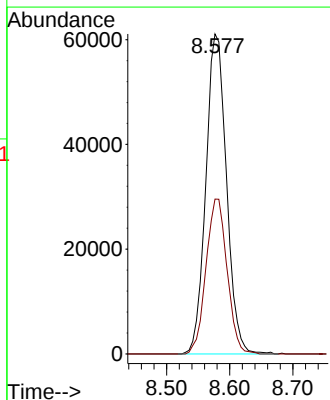
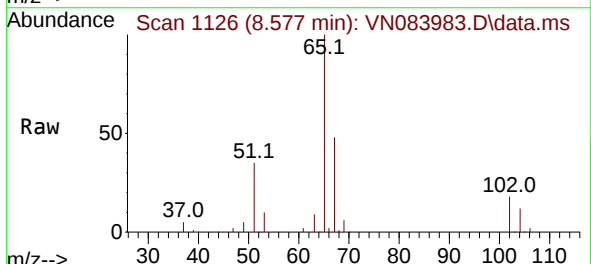
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

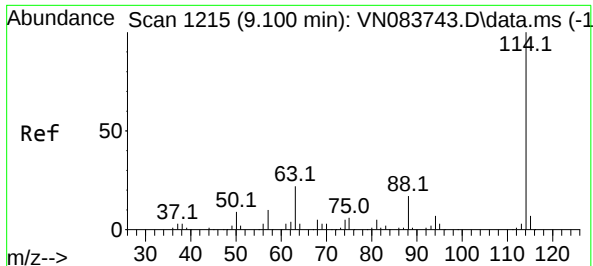


#33
1,2-Dichloroethane-d4
Concen: 49.608 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083983.D
Acq: 18 Sep 2024 15:27

Tgt Ion: 65 Resp: 138875

Ion	Ratio	Lower	Upper
65	100		
67	49.4	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: VN083983.D

Acq: 18 Sep 2024 15:27

Instrument :

MSVOA_N

ClientSampleId :

PB163447TB

Tgt Ion:114 Resp: 314972

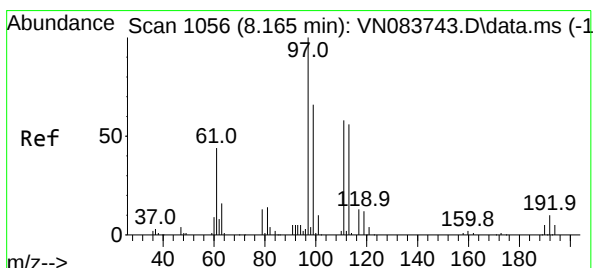
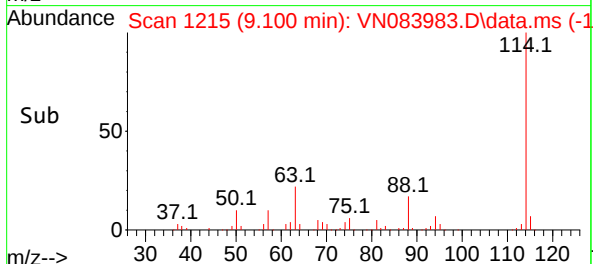
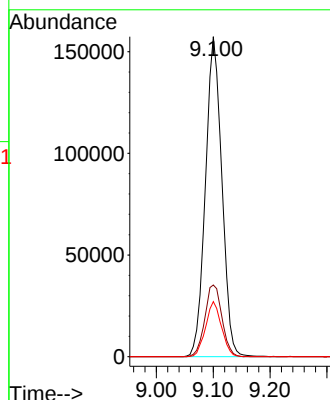
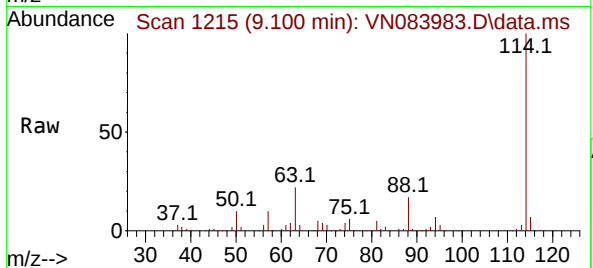
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.4
88	17.2	0.0	32.6

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#35

Dibromofluoromethane

Concen: 48.664 ug/l

RT: 8.165 min Scan# 1056

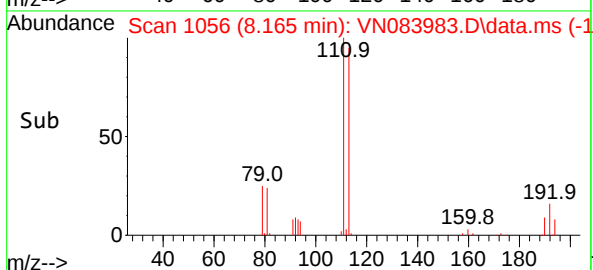
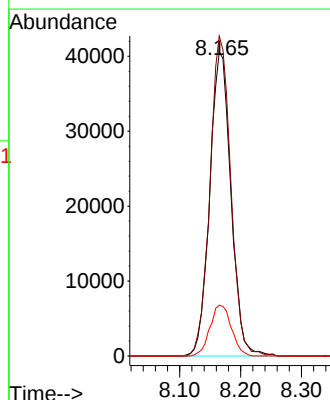
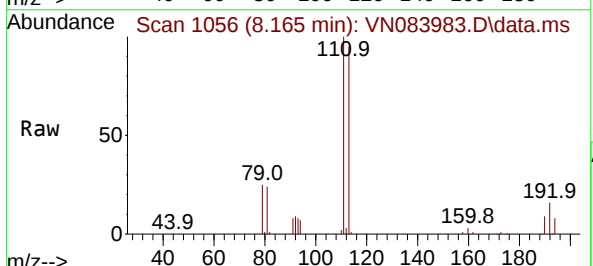
Delta R.T. 0.000 min

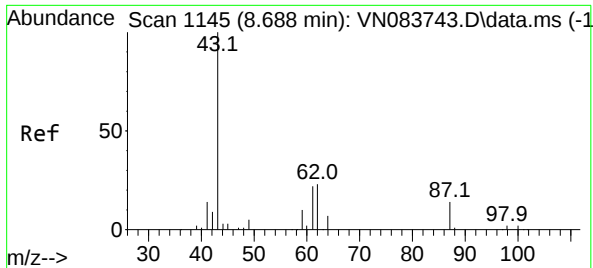
Lab File: VN083983.D

Acq: 18 Sep 2024 15:27

Tgt Ion:113 Resp: 98126

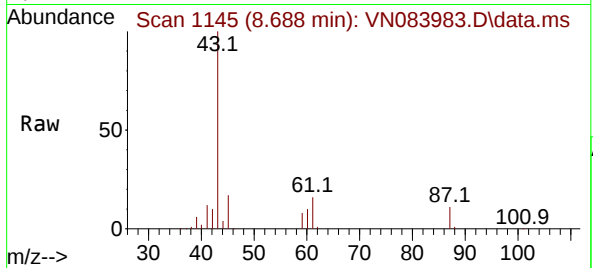
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	16.9	14.3	21.5





#43
Isopropyl Acetate
Concen: 38.523 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083983.D
Acq: 18 Sep 2024 15:27

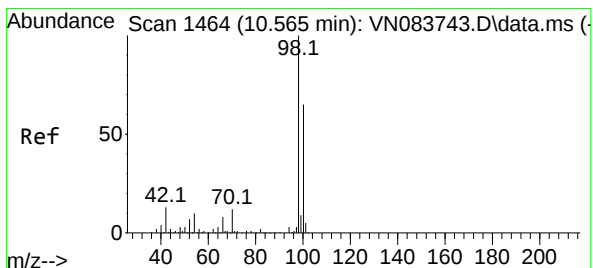
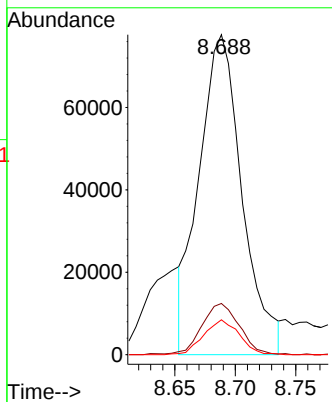
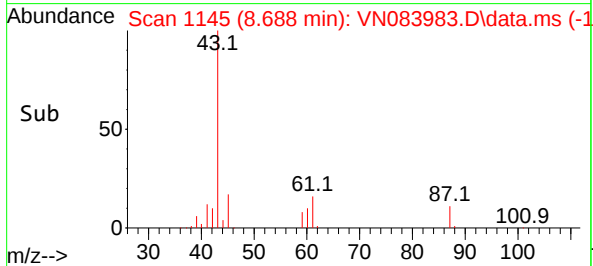
Instrument :
MSVOA_N
ClientSampleId :
PB163447TB



Tgt Ion: 43 Resp: 192314
Ion Ratio Lower Upper
43 100
61 14.1 19.4 29.0
87 9.0 9.8 14.6

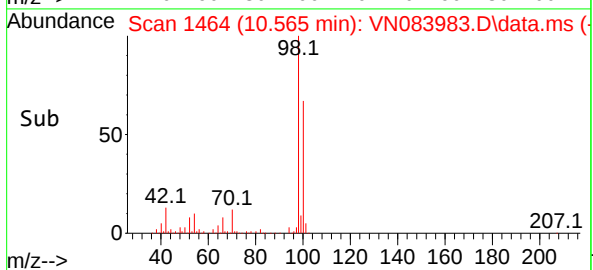
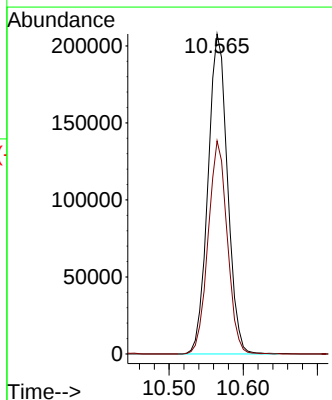
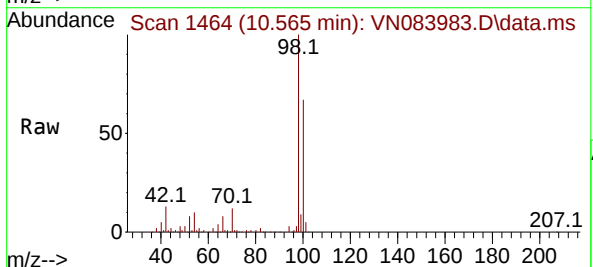
Manual Integrations
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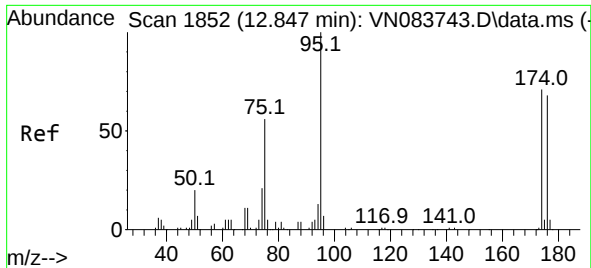
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#50
Toluene-d8
Concen: 54.439 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083983.D
Acq: 18 Sep 2024 15:27

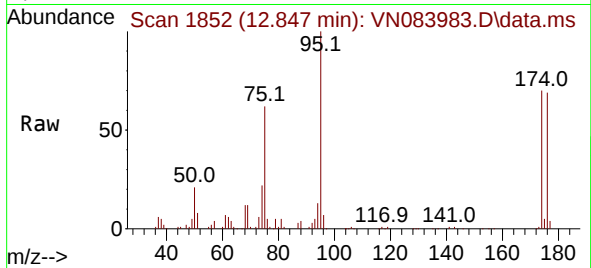
Tgt Ion: 98 Resp: 379488
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 45.718 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083983.D
Acq: 18 Sep 2024 15:27

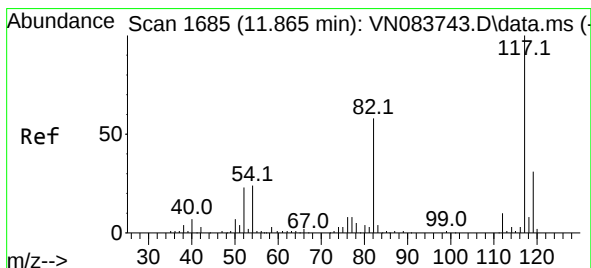
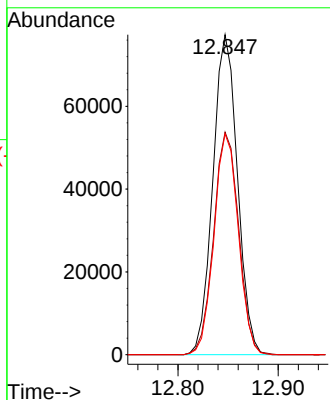
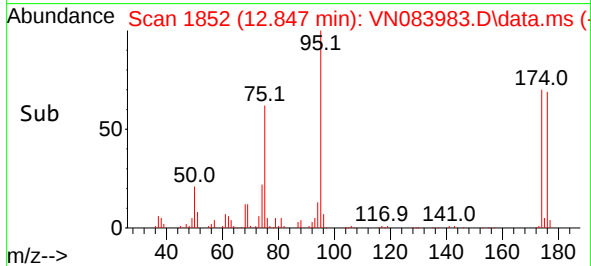
Instrument :
MSVOA_N
ClientSampleId :
PB163447TB



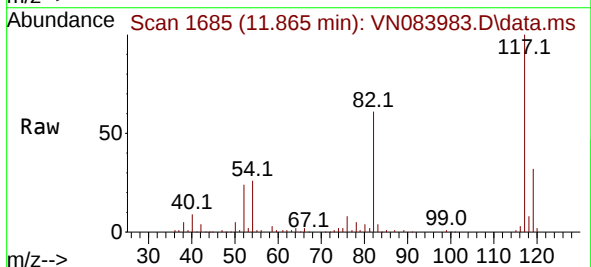
Tgt Ion: 95 Resp: 131484
Ion Ratio Lower Upper
95 100
174 70.8 0.0 139.8
176 68.2 0.0 131.4

Manual Integrations
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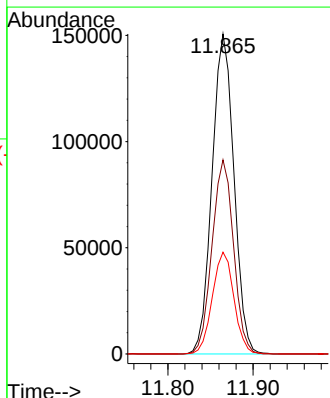
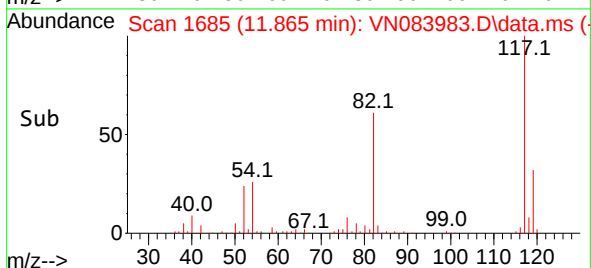
Reviewed By :John Carlone 09/19/2024
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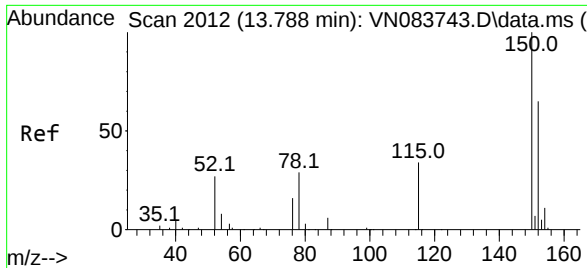


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083983.D
Acq: 18 Sep 2024 15:27



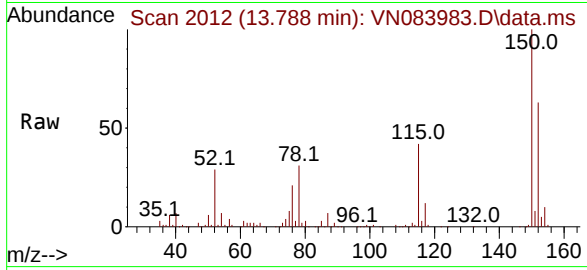
Tgt Ion:117 Resp: 268887
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083983.D
 Acq: 18 Sep 2024 15:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447TB



Tgt Ion:152 Resp: 11101
 Ion Ratio Lower Upper
 152 100
 115 65.0 32.2 96.6
 150 159.1 0.0 348.6

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