

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083989.D
 Acq On : 18 Sep 2024 17:51
 Operator : JC\MD
 Sample : PB163447ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#06

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 01:38:00 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	168573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129237	50.844	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.680%			
35) Dibromofluoromethane	8.165	113	90035	48.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.760%			
50) Toluene-d8	10.565	98	347531	54.578	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.160%			
62) 4-Bromofluorobenzene	12.847	95	123425	46.981	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.960%			
Target Compounds					Qvalue	
16) Acetone	4.442	43	21718	21.314	ug/l	100
20) Methylene Chloride	5.277	84	6747	3.236	ug/l #	81
43) Isopropyl Acetate	8.688	43	276460m	60.625	ug/l	

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

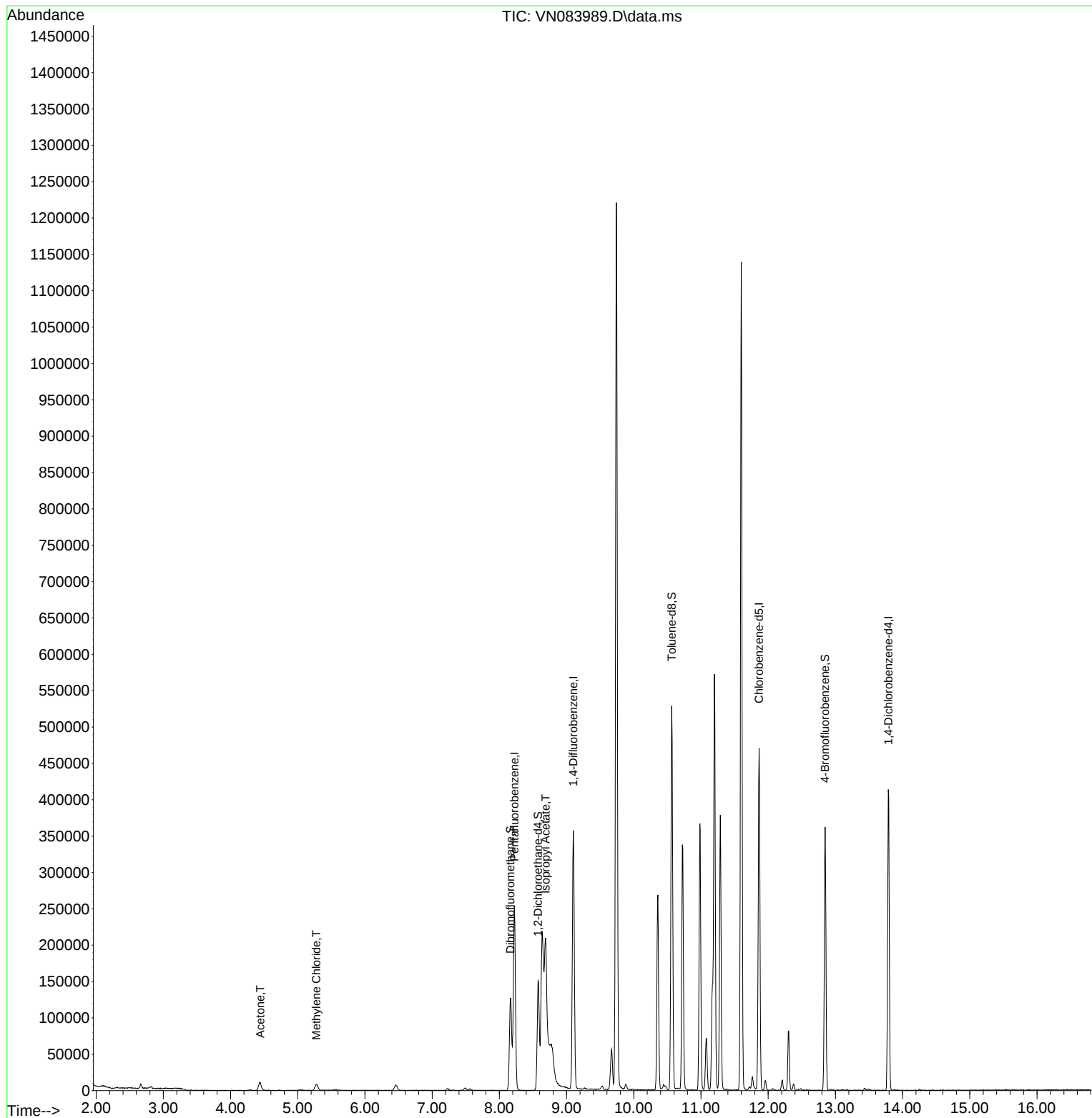
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN083989.D
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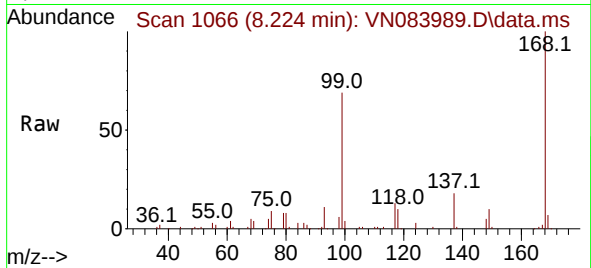
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51

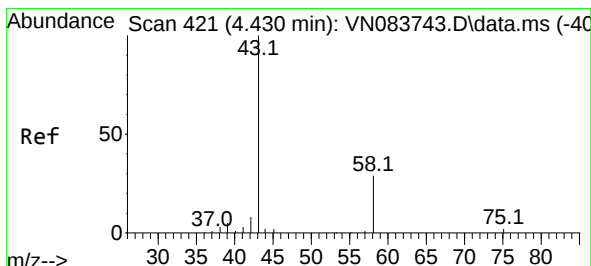
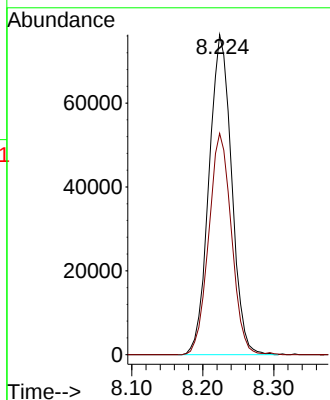
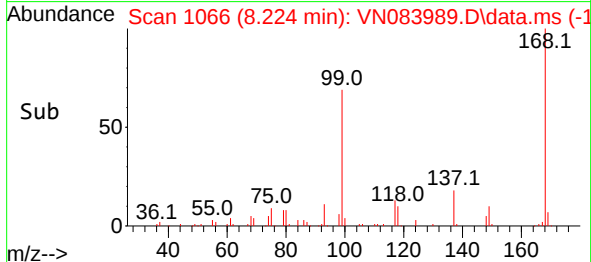
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#06



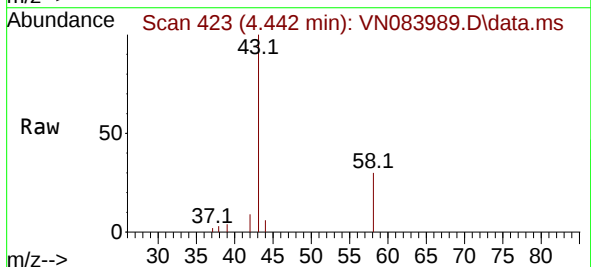
Tgt Ion:168 Resp: 16857
Ion Ratio Lower Upper
168 100
99 69.2 54.2 81.2

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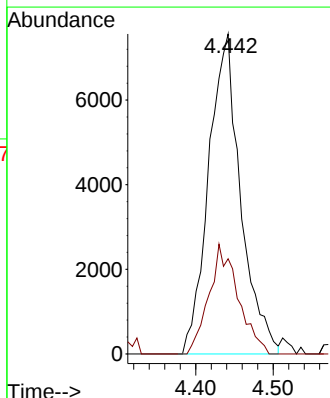
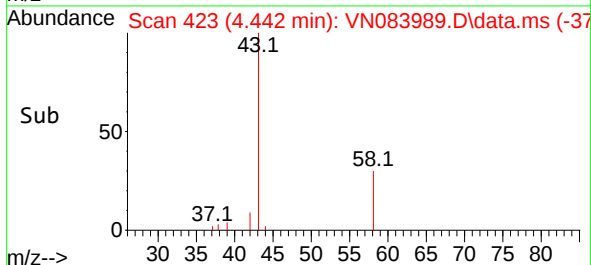
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

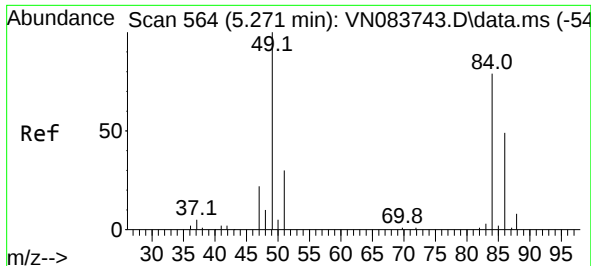


#16
Acetone
Concen: 21.314 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51



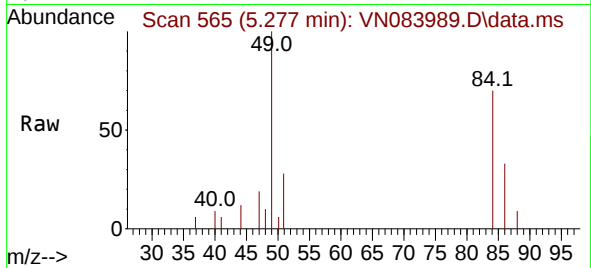
Tgt Ion: 43 Resp: 21718
Ion Ratio Lower Upper
43 100
58 29.8 23.7 35.5





#20
Methylene Chloride
Concen: 3.236 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#06

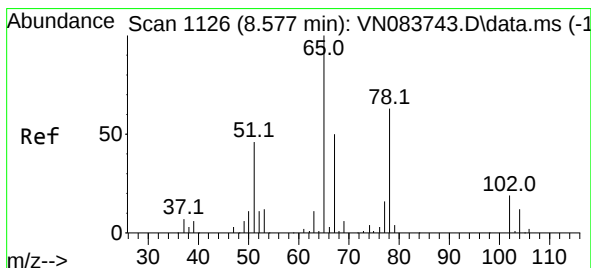
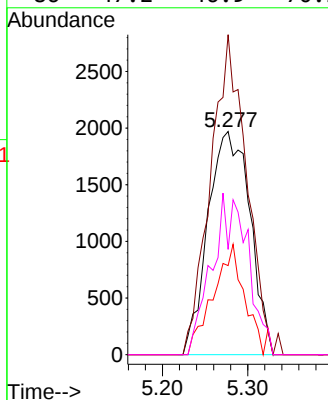
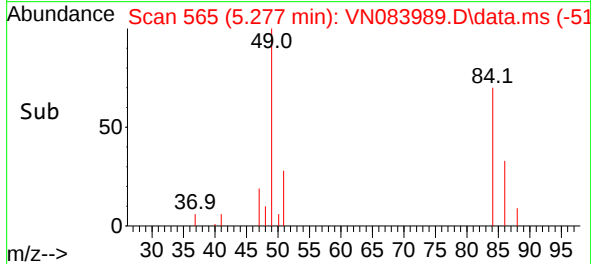


Tgt Ion: 84 Resp: 674

Ion	Ratio	Lower	Upper
84	100		
49	143.3	93.4	140.0
51	39.9	29.2	43.8
86	47.2	46.9	70.3

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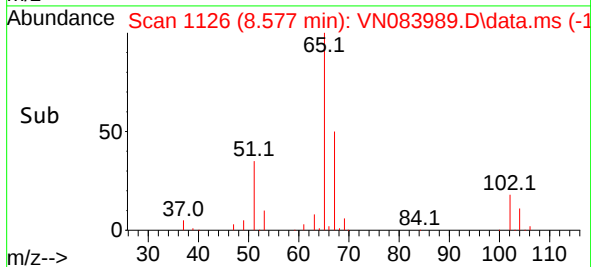
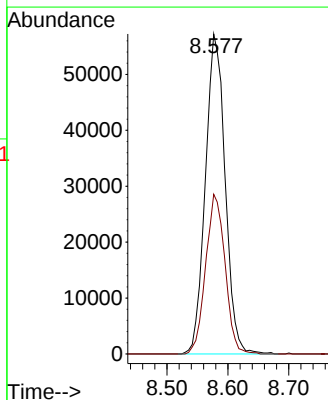
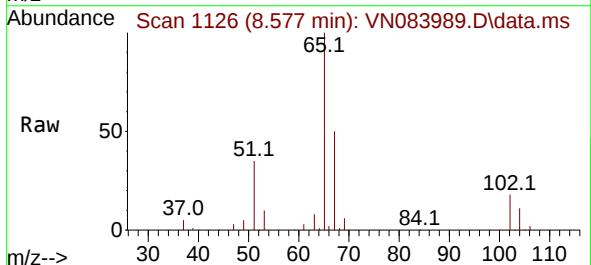
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

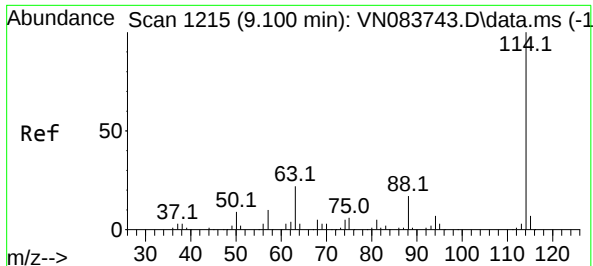


#33
1,2-Dichloroethane-d4
Concen: 50.844 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51

Tgt Ion: 65 Resp: 129237

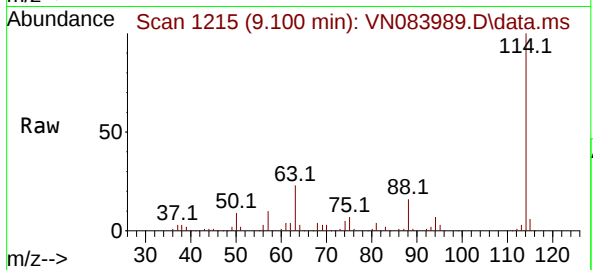
Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51

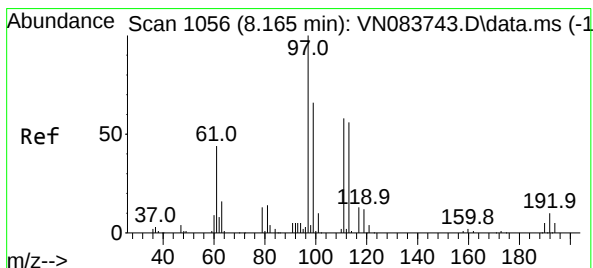
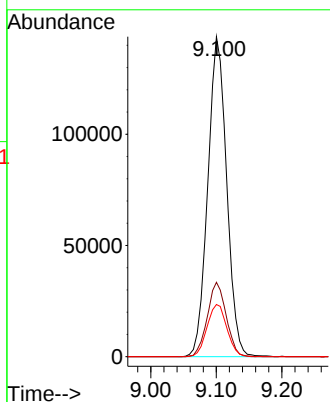
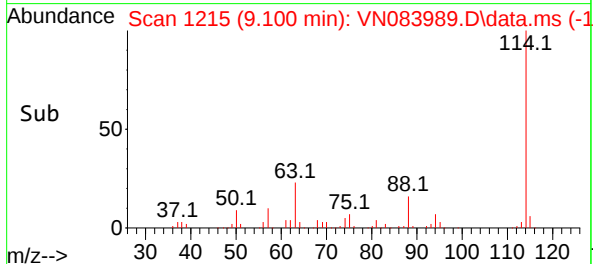
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#06



Tgt Ion:114 Resp: 287714
Ion Ratio Lower Upper
114 100
63 23.3 0.0 43.4
88 16.3 0.0 32.6

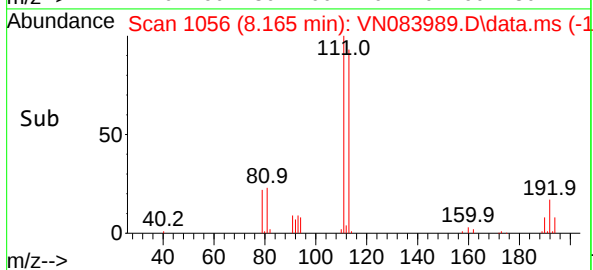
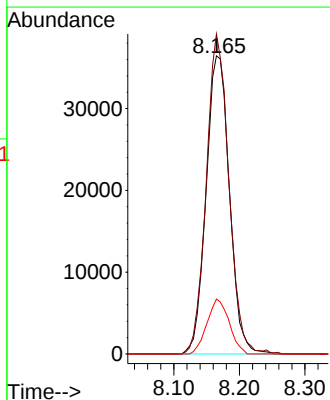
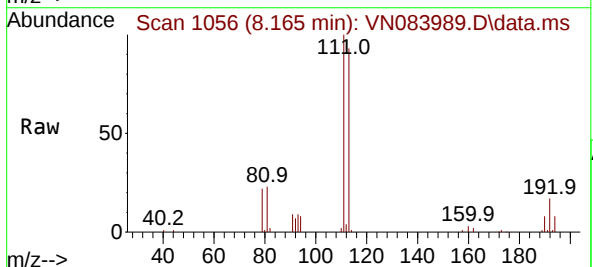
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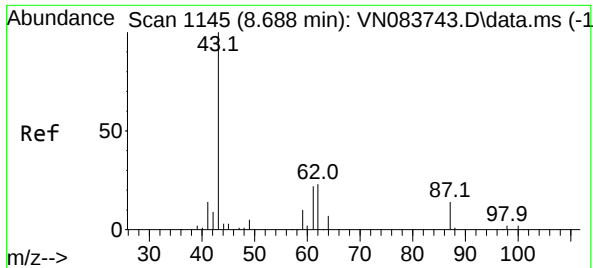
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#35
Dibromofluoromethane
Concen: 48.881 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51

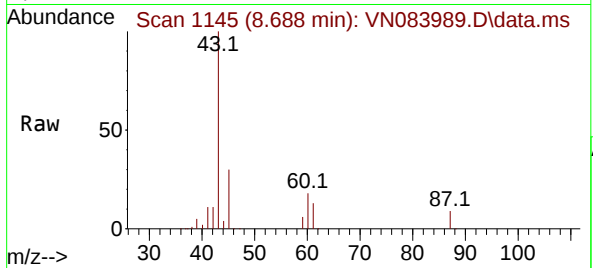
Tgt Ion:113 Resp: 90035
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 17.5 14.3 21.5





#43
Isopropyl Acetate
Concen: 60.625 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51

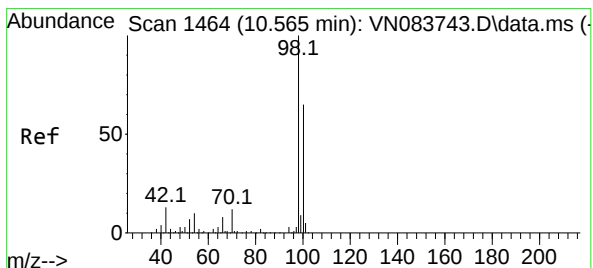
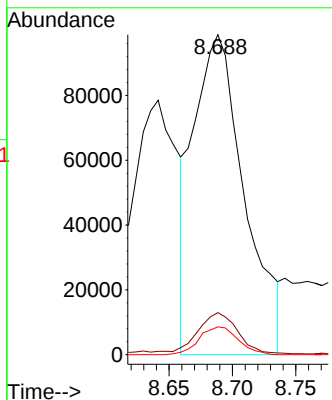
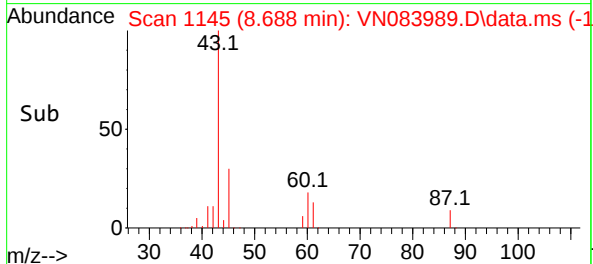
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ClientSampleId :
PB163447ZHE#06



Tgt Ion: 43 Resp: 276460
Ion Ratio Lower Upper
43 100
61 10.7 19.4 29.0
87 6.6 9.8 14.6

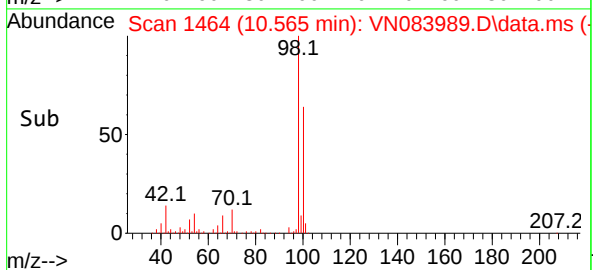
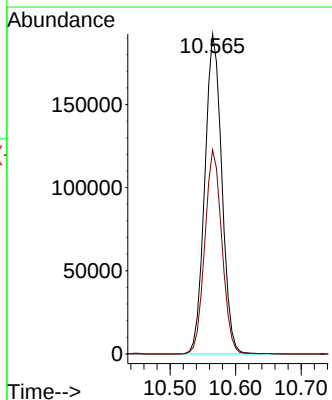
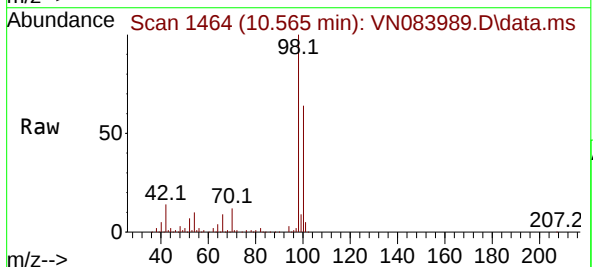
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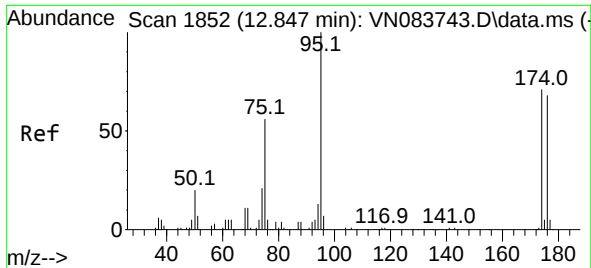
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#50
Toluene-d8
Concen: 54.578 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51

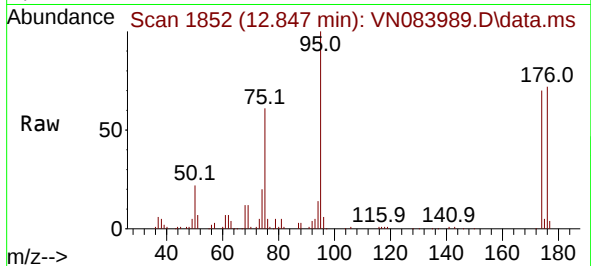
Tgt Ion: 98 Resp: 347531
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 46.981 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51

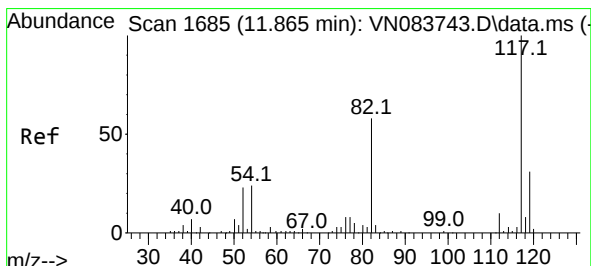
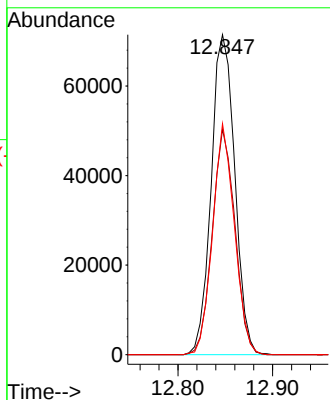
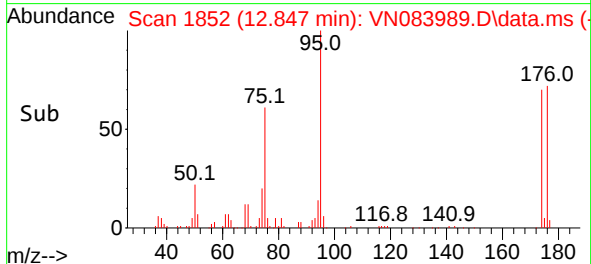
Instrument :
MSVOA_N
ClientSampleId :
PB163447ZHE#06



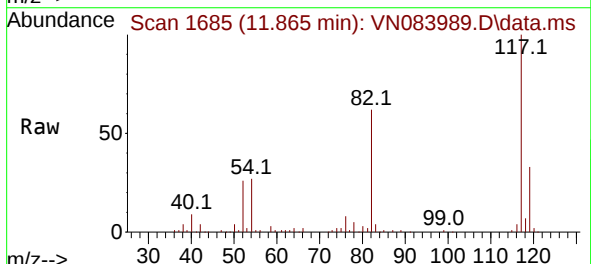
Tgt Ion: 95 Resp: 123429
Ion Ratio Lower Upper
95 100
174 67.9 0.0 139.8
176 66.9 0.0 131.4

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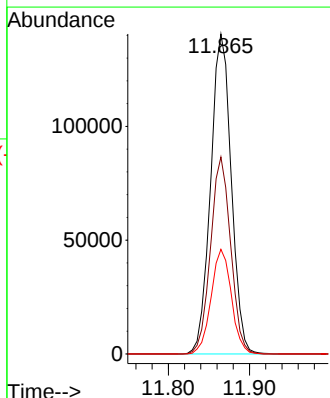
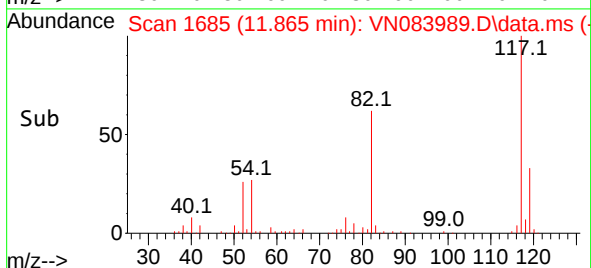
Reviewed By :John Carlone 09/19/2024
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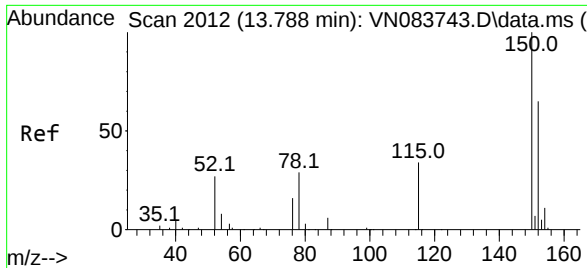


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083989.D
Acq: 18 Sep 2024 17:51



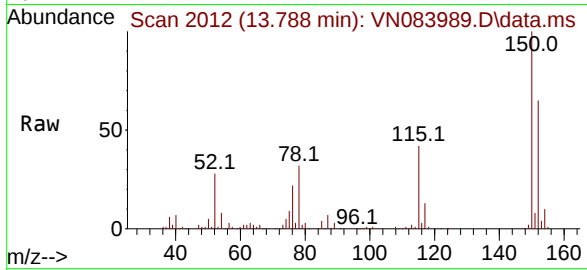
Tgt Ion:117 Resp: 248320
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.0
119 32.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083989.D
 Acq: 18 Sep 2024 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163447ZHE#06



Tgt Ion:152 Resp: 103718
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.2 96.6
 150 160.3 0.0 348.6

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