

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085945.D
 Acq On : 11 Mar 2025 20:41
 Operator : JC\MD
 Sample : Q1534-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-636-COMP-18

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:30:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	146884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116439	61.145	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.300%			
35) Dibromofluoromethane	8.165	113	96611	51.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.260%			
50) Toluene-d8	10.565	98	346942	50.964	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.847	95	107473	47.916	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.840%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	47907	79.506	ug/l	96
20) Methylene Chloride	5.271	84	6948	3.586	ug/l #	93
43) Isopropyl Acetate	8.688	43	46449m	11.727	ug/l	

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

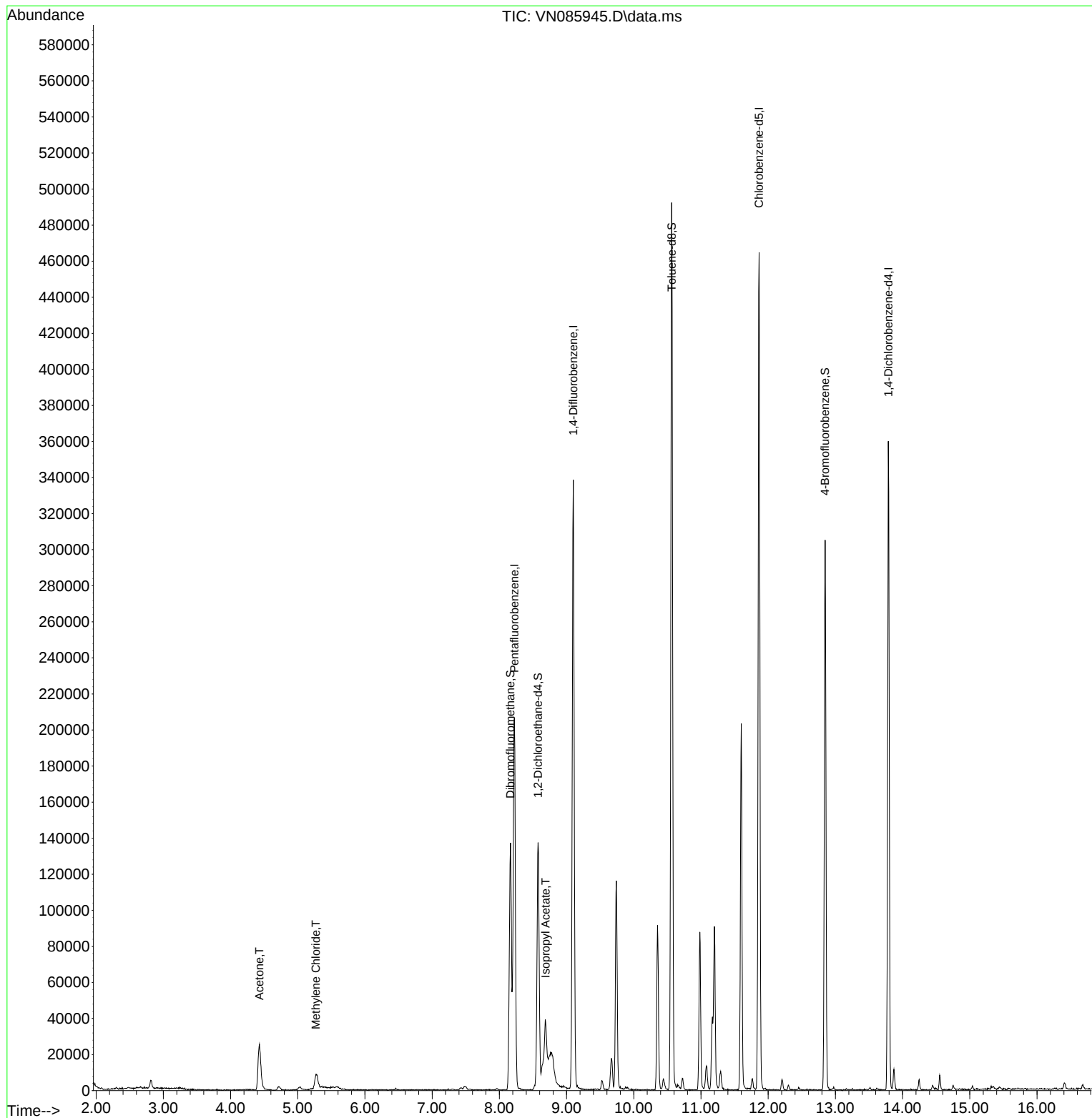
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
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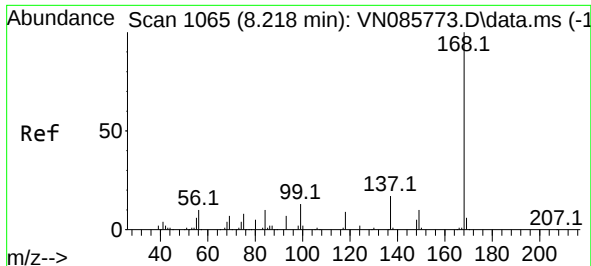
Instrument :
MSVOA_N
ClientSampleId :
OR-636-COMP-18

Quant Time: Mar 12 01:30:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
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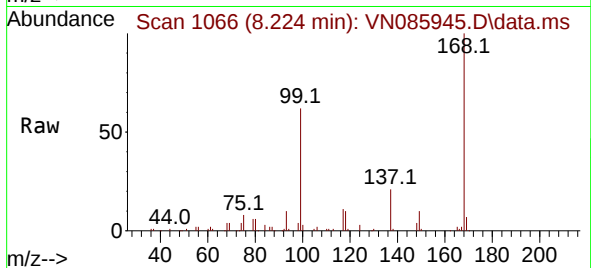
Reviewed By : John Carlone 03/12/2025
Supervised By : Mahesh Dadoda 03/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085945.D
Acq: 11 Mar 2025 20:41

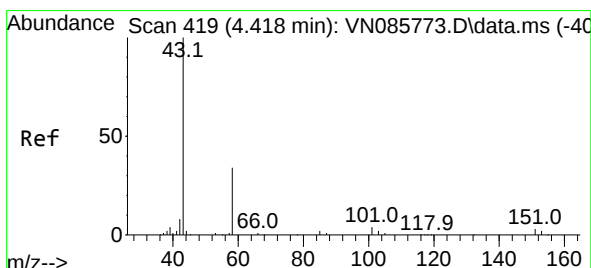
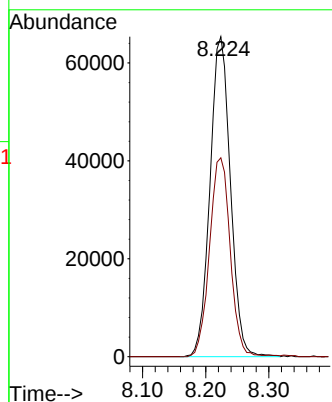
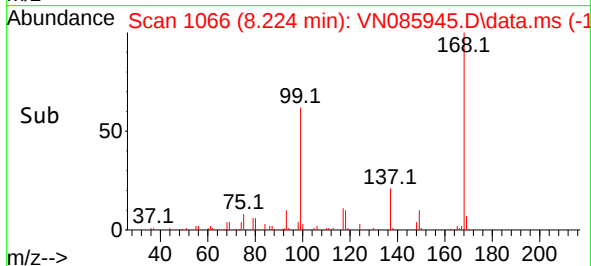
Instrument :
MSVOA_N
ClientSampleId :
OR-636-COMP-18



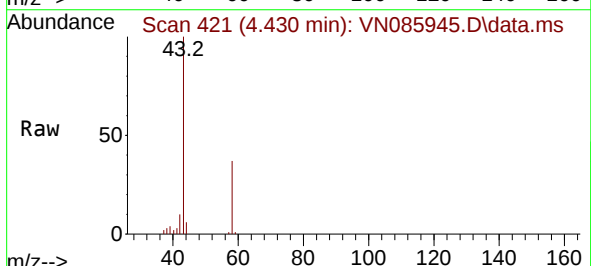
Tgt Ion:168 Resp: 146884
Ion Ratio Lower Upper
168 100
99 62.1 47.9 71.9

Manual Integrations
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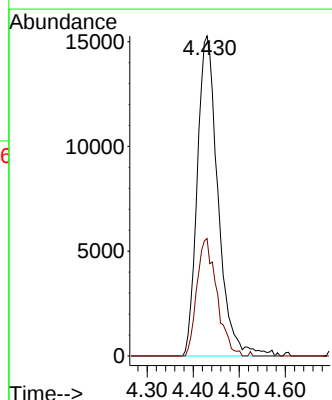
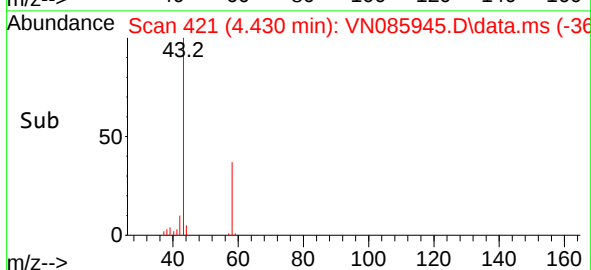
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

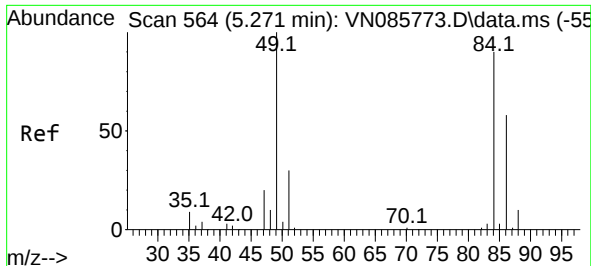


#16
Acetone
Concen: 79.506 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085945.D
Acq: 11 Mar 2025 20:41



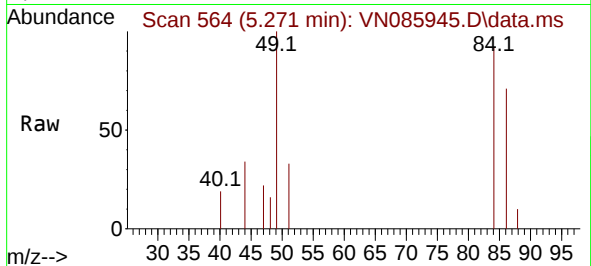
Tgt Ion: 43 Resp: 47907
Ion Ratio Lower Upper
43 100
58 36.7 27.5 41.3





#20
Methylene Chloride
Concen: 3.586 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085945.D
Acq: 11 Mar 2025 20:41

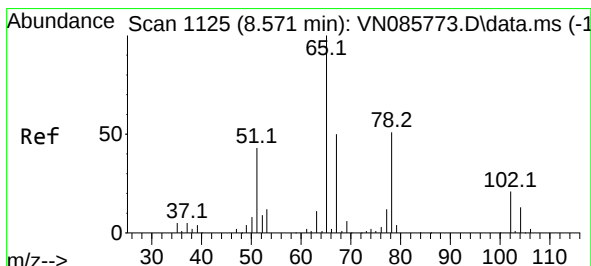
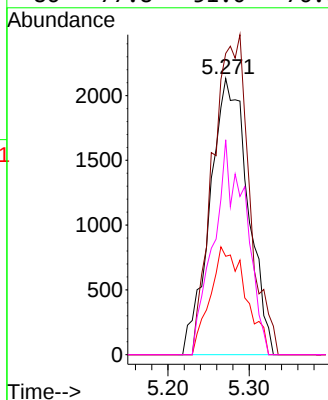
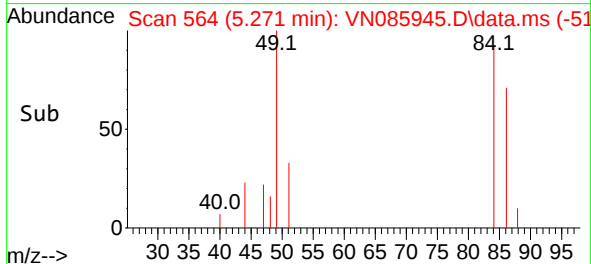
Instrument :
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ClientSampleId :
OR-636-COMP-18



Tgt Ion: 84 Resp: 6948
Ion Ratio Lower Upper
84 100
49 109.1 88.4 132.6
51 35.6 26.6 40.0
86 77.8 51.0 76.6#

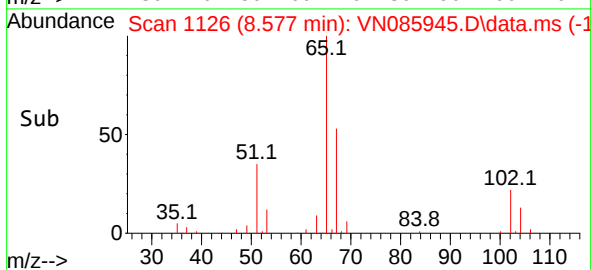
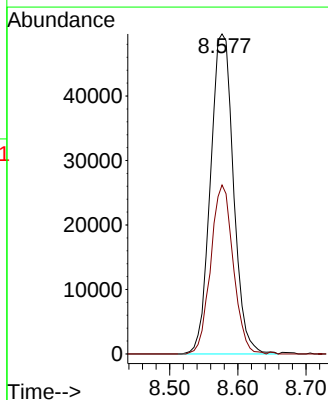
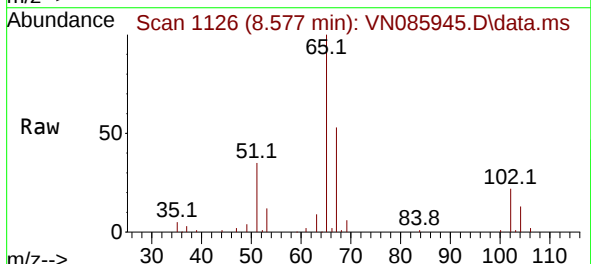
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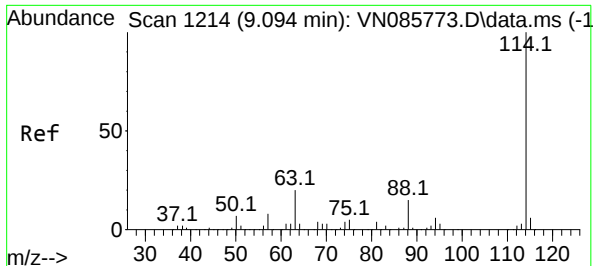
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#33
1,2-Dichloroethane-d4
Concen: 61.145 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085945.D
Acq: 11 Mar 2025 20:41

Tgt Ion: 65 Resp: 116439
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN085945.D

Acq: 11 Mar 2025 20:41

Instrument :

MSVOA_N

ClientSampleId :

OR-636-COMP-18

Tgt Ion:114 Resp: 28594

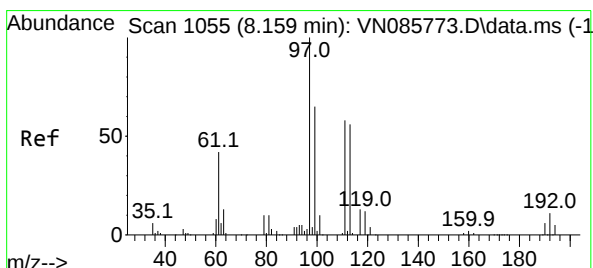
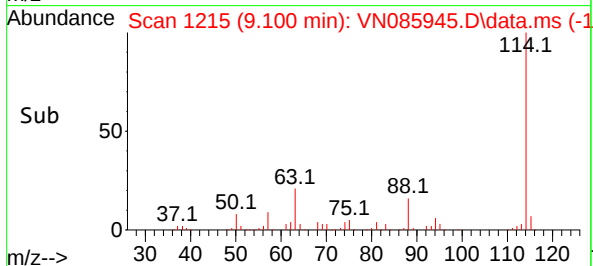
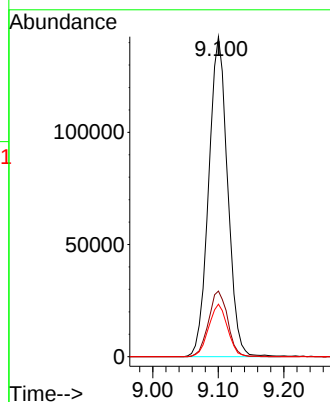
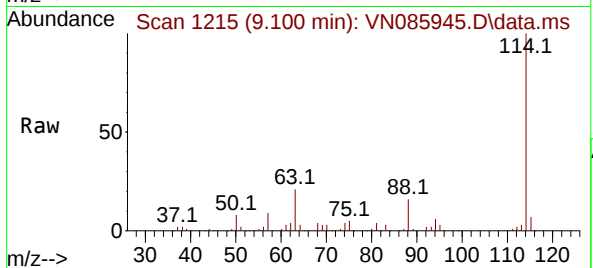
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.2
88	16.4	0.0	30.0

Manual Integrations

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Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#35

Dibromofluoromethane

Concen: 51.633 ug/l

RT: 8.165 min Scan# 1056

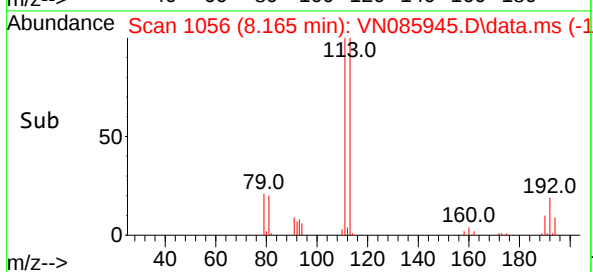
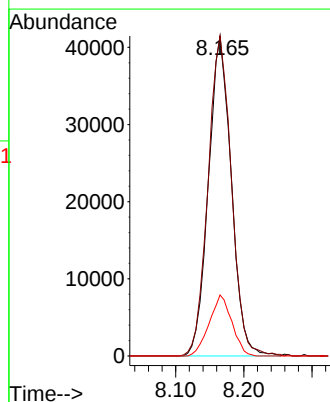
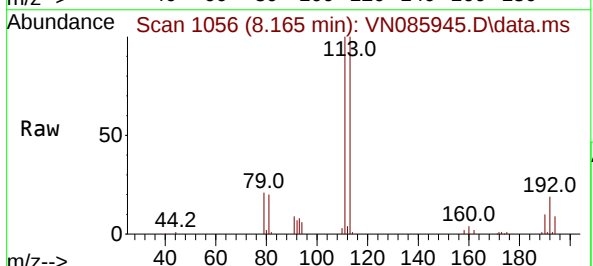
Delta R.T. 0.006 min

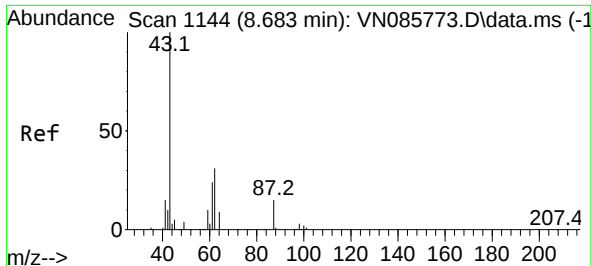
Lab File: VN085945.D

Acq: 11 Mar 2025 20:41

Tgt Ion:113 Resp: 96611

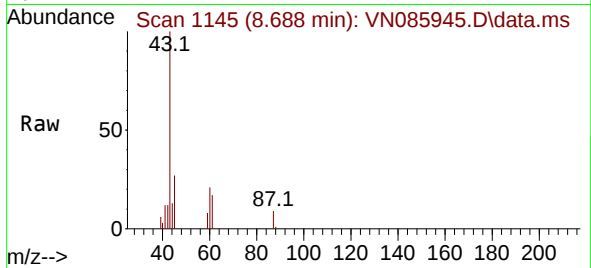
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	18.8	14.7	22.1





#43
Isopropyl Acetate
Concen: 11.727 ug/l m
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN085945.D
Acq: 11 Mar 2025 20:41

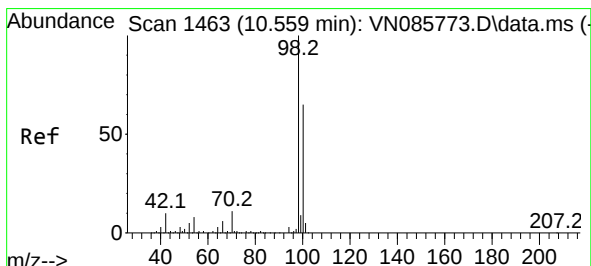
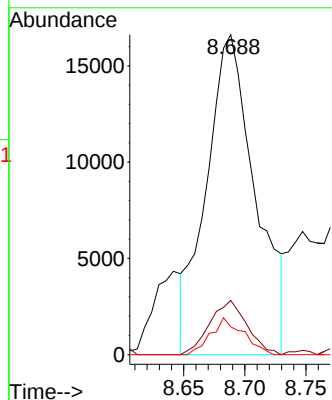
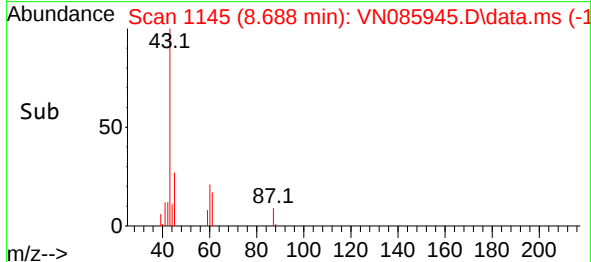
Instrument :
MSVOA_N
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OR-636-COMP-18



Tgt Ion: 43 Resp: 46449
Ion Ratio Lower Upper
43 100
61 12.9 22.6 34.0
87 7.6 11.8 17.8

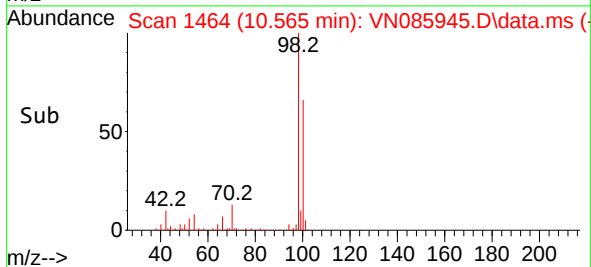
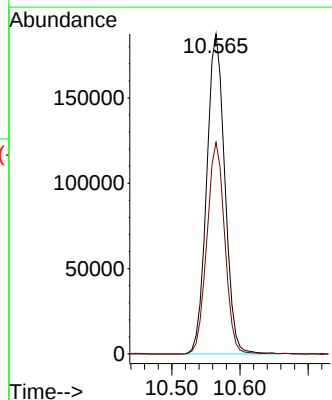
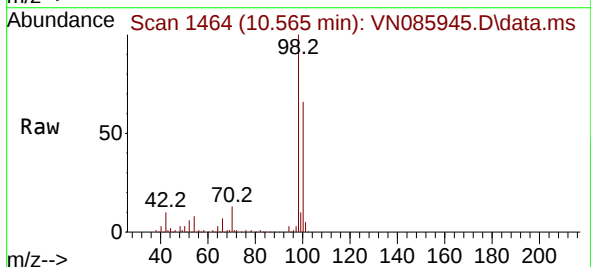
Manual Integrations
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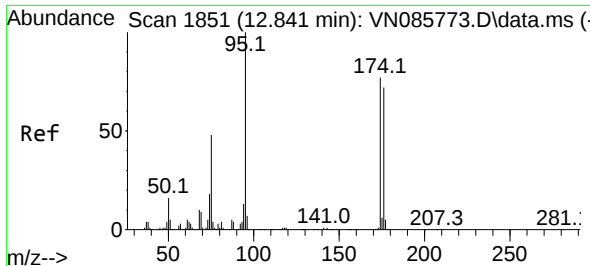
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#50
Toluene-d8
Concen: 50.964 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085945.D
Acq: 11 Mar 2025 20:41

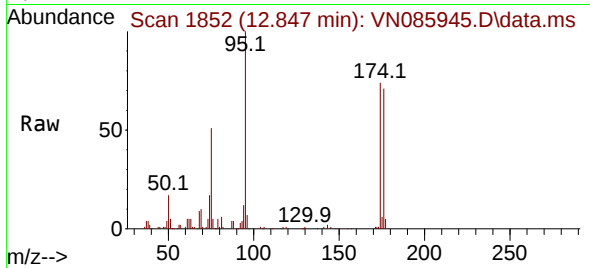
Tgt Ion: 98 Resp: 346942
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 47.916 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085945.D
Acq: 11 Mar 2025 20:41

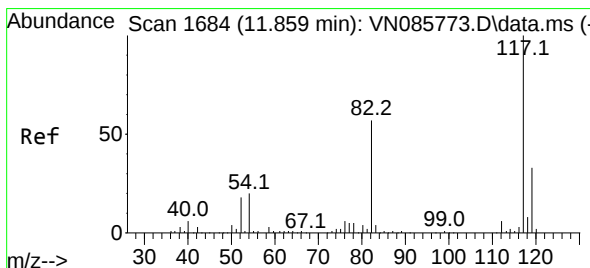
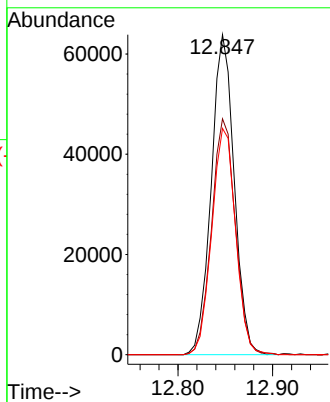
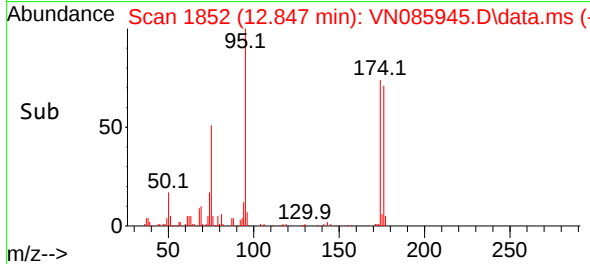
Instrument :
MSVOA_N
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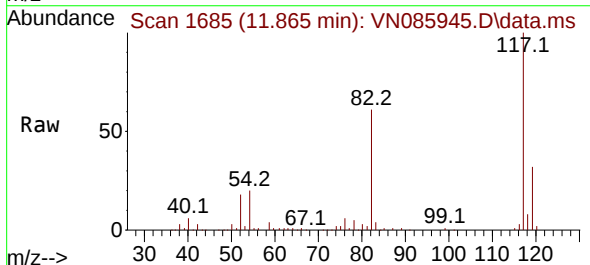
Tgt Ion: 95 Resp: 10747
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.4
176 73.4 0.0 146.6

Manual Integrations
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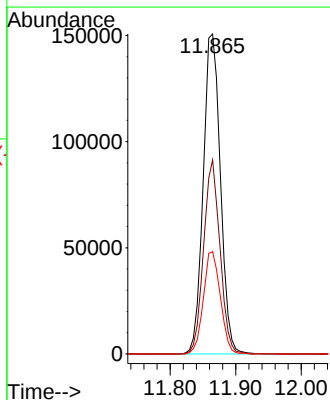
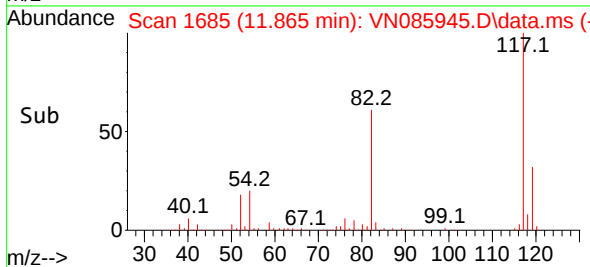
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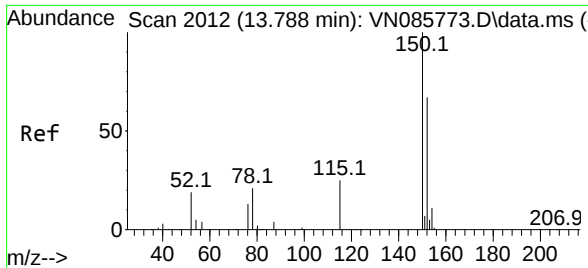


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085945.D
Acq: 11 Mar 2025 20:41



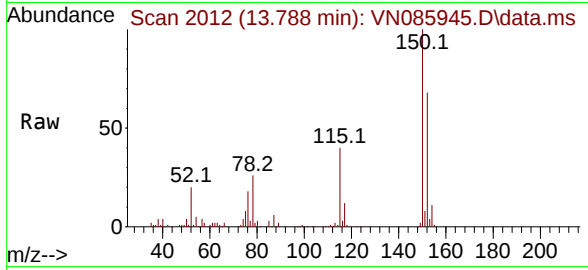
Tgt Ion:117 Resp: 275706
Ion Ratio Lower Upper
117 100
82 60.7 45.7 68.5
119 32.0 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085945.D
 Acq: 11 Mar 2025 20:41

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-636-COMP-18



Tgt Ion:152 Resp: 9876
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.4 91.3
 150 156.1 0.0 345.4

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