

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085944.D
 Acq On : 11 Mar 2025 20:17
 Operator : JC\MD
 Sample : Q1534-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-636-COMP-17

Quant Time: Mar 12 01:29:32 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	122786	60.133	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.260%			
35) Dibromofluoromethane	8.165	113	103544	50.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	10.565	98	371549	50.214	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.420%			
62) 4-Bromofluorobenzene	12.847	95	117094	48.031	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.060%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	47093	72.888	ug/l	96
20) Methylene Chloride	5.277	84	6943	3.342	ug/l	88
43) Isopropyl Acetate	8.688	43	56337m	13.150	ug/l	

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

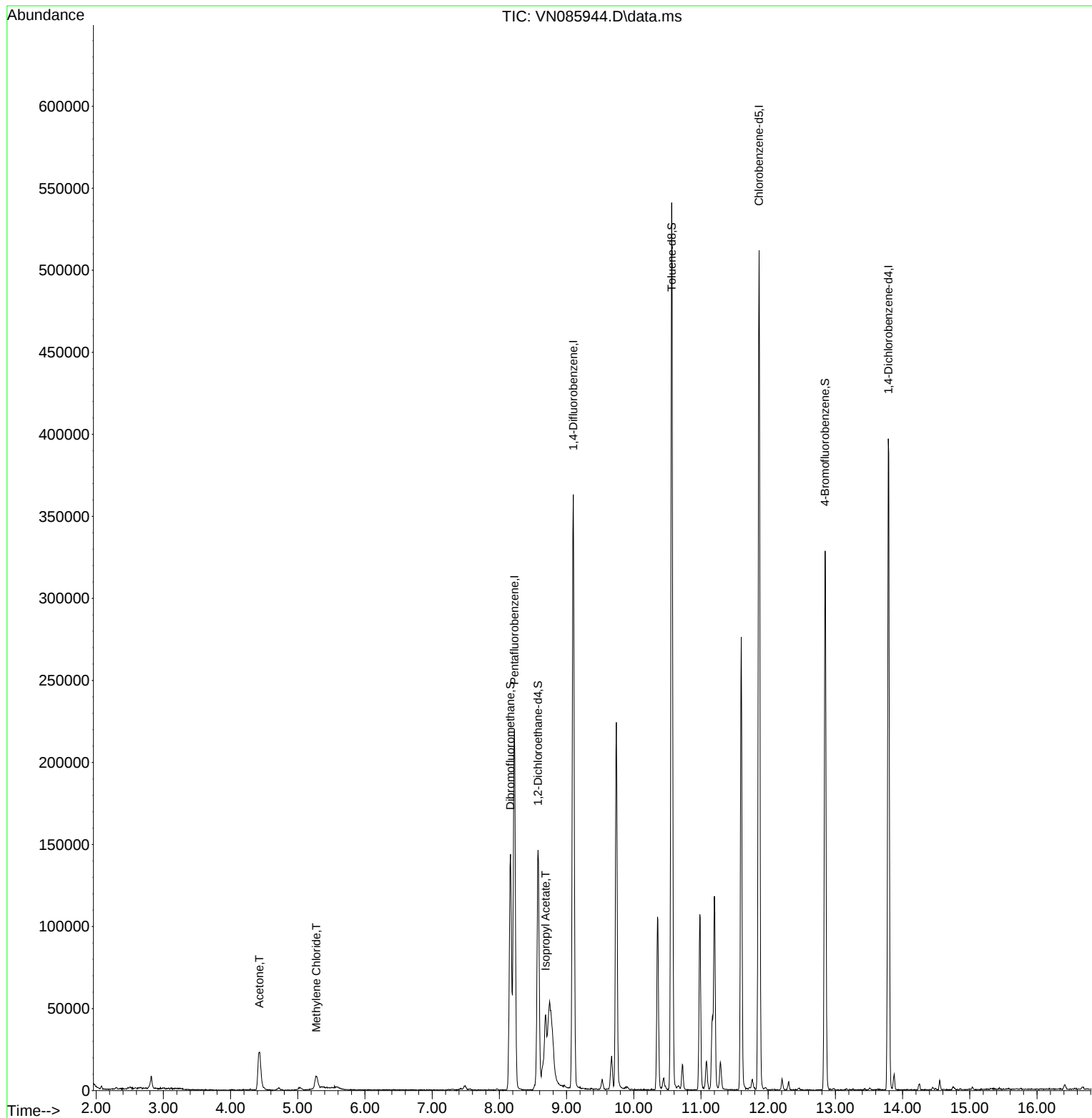
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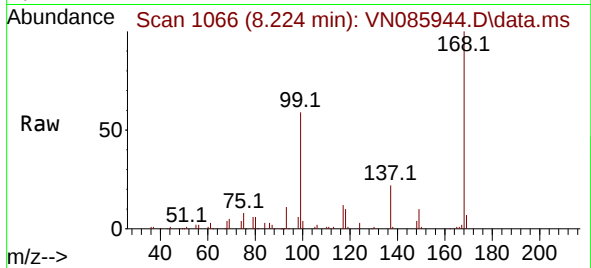
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17

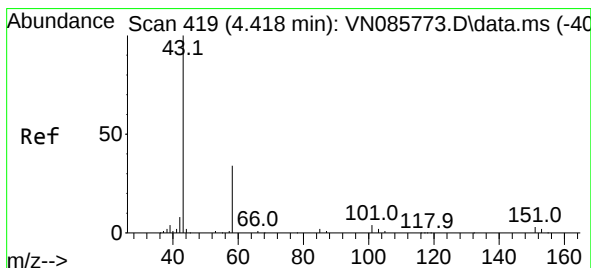
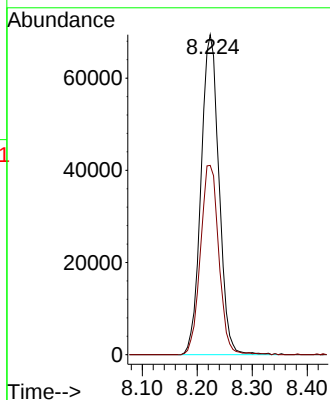
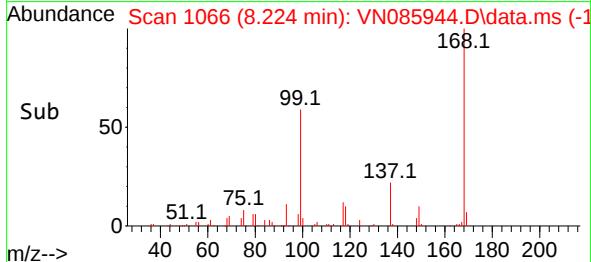
Instrument :
MSVOA_N
ClientSampleId :
OR-636-COMP-17



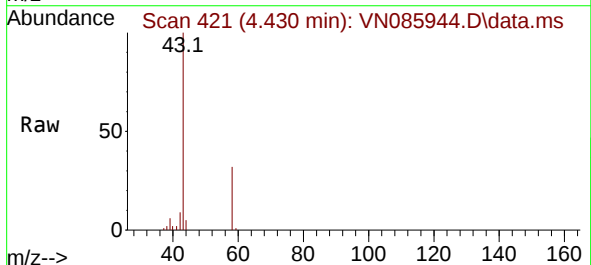
Tgt Ion:168 Resp: 157499
Ion Ratio Lower Upper
168 100
99 59.1 47.9 71.9

Manual Integrations
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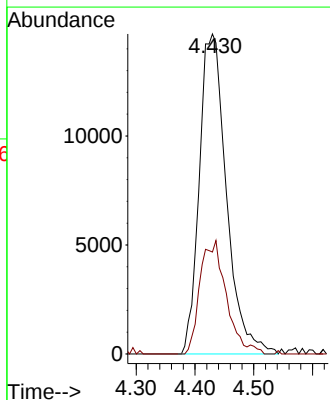
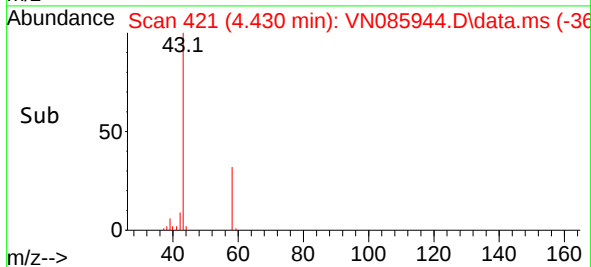
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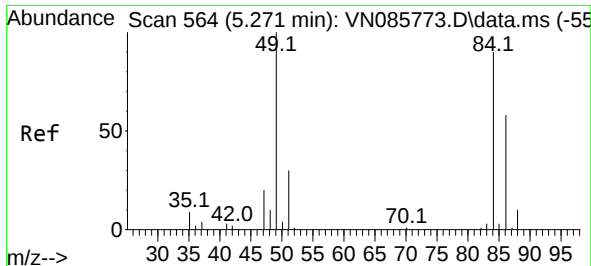


#16
Acetone
Concen: 72.888 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17



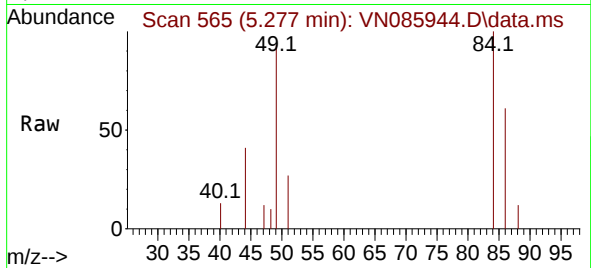
Tgt Ion: 43 Resp: 47093
Ion Ratio Lower Upper
43 100
58 31.9 27.5 41.3





#20
Methylene Chloride
Concen: 3.342 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17

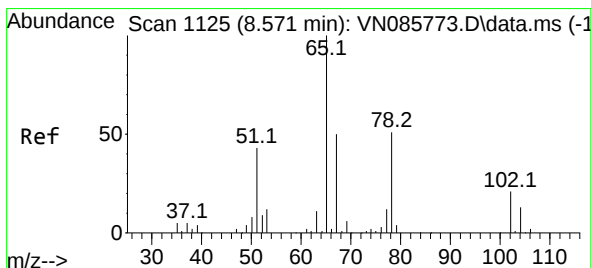
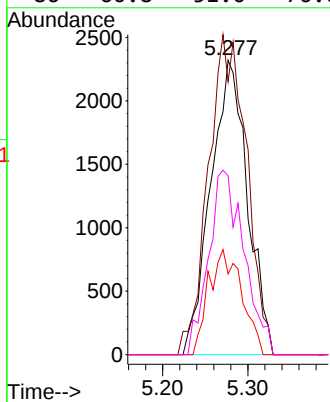
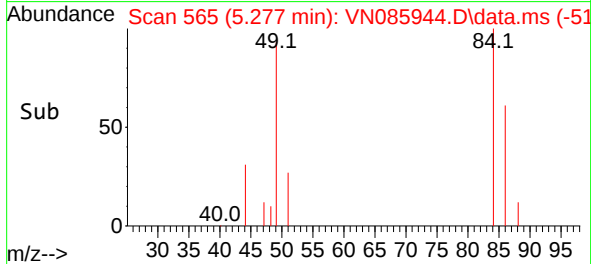
Instrument :
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ClientSampleId :
OR-636-COMP-17



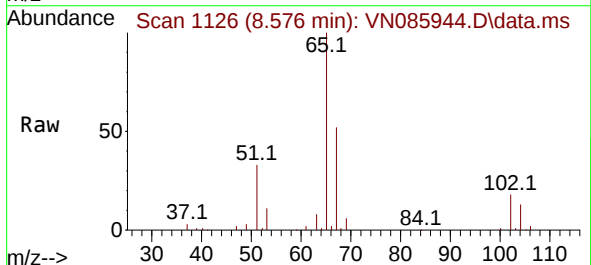
Tgt Ion: 84 Resp: 694
Ion Ratio Lower Upper
84 100
49 92.8 88.4 132.6
51 27.4 26.6 40.0
86 60.8 51.0 76.6

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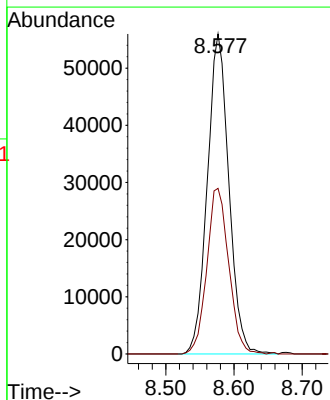
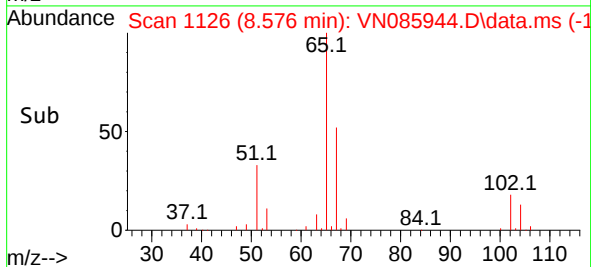
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

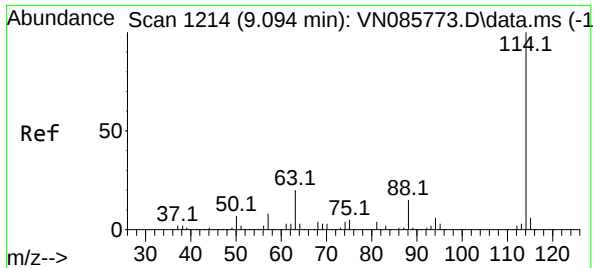


#33
1,2-Dichloroethane-d4
Concen: 60.133 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17



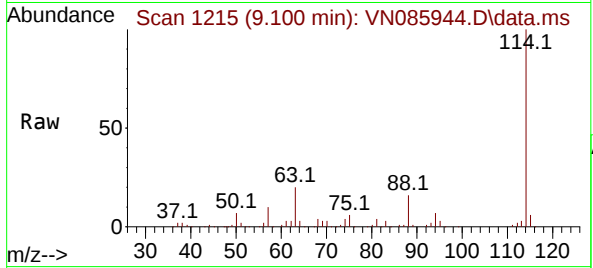
Tgt Ion: 65 Resp: 122786
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17

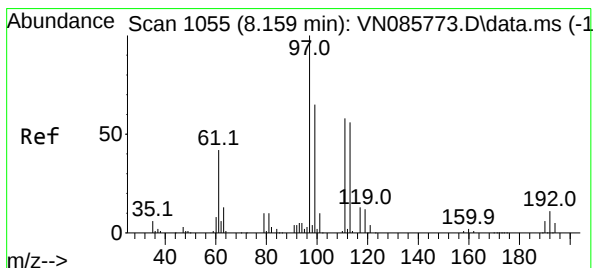
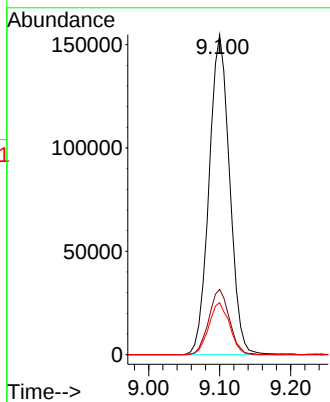
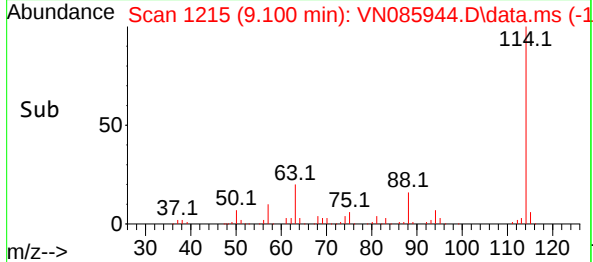
Instrument :
MSVOA_N
ClientSampleId :
OR-636-COMP-17



Tgt Ion:114 Resp: 31079
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 16.2 0.0 30.0

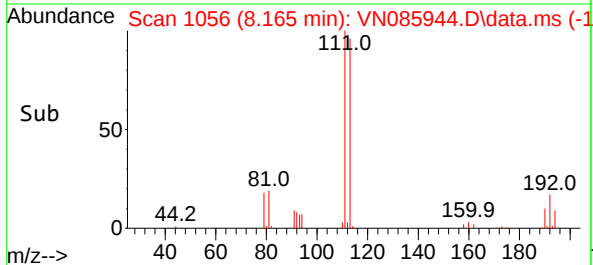
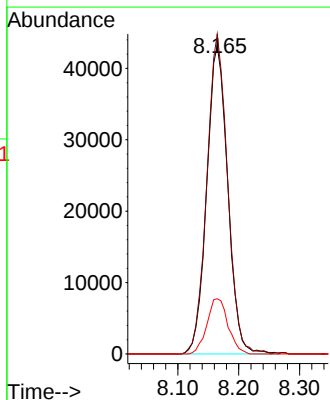
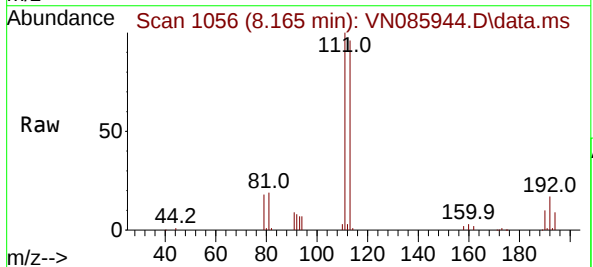
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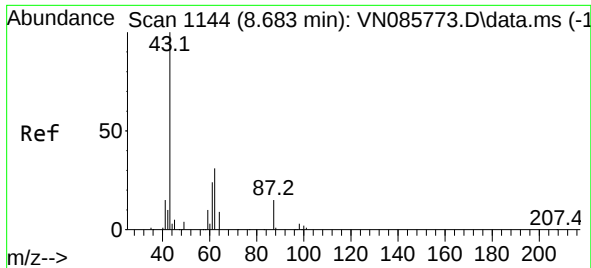
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#35
Dibromofluoromethane
Concen: 50.914 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17

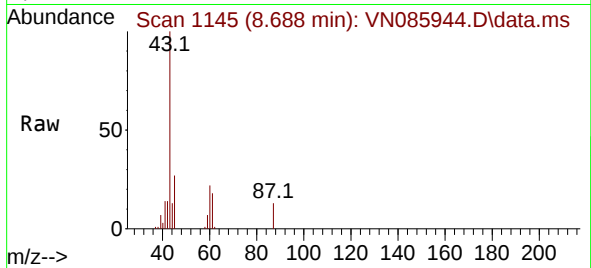
Tgt Ion:113 Resp: 103544
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.0 14.7 22.1





#43
Isopropyl Acetate
Concen: 13.150 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17

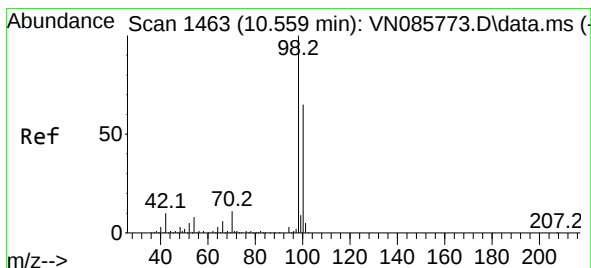
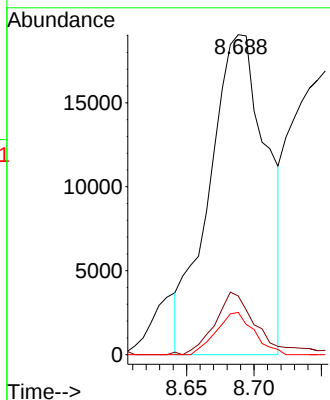
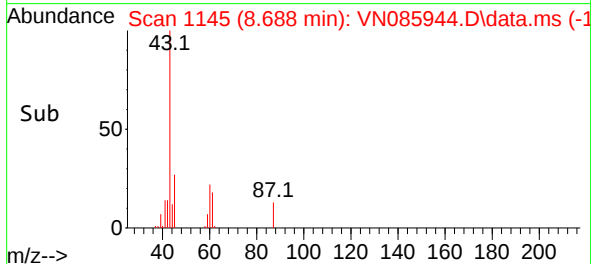
Instrument :
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Tgt Ion: 43 Resp: 5633
Ion Ratio Lower Upper
43 100
61 14.5 22.6 34.0
87 8.7 11.8 17.8

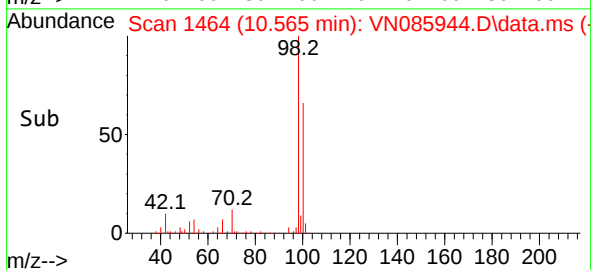
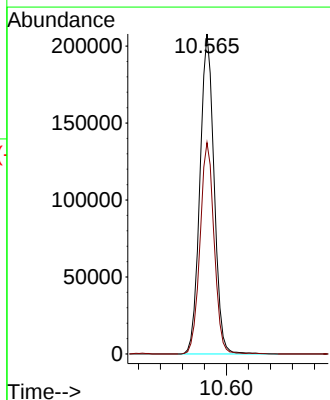
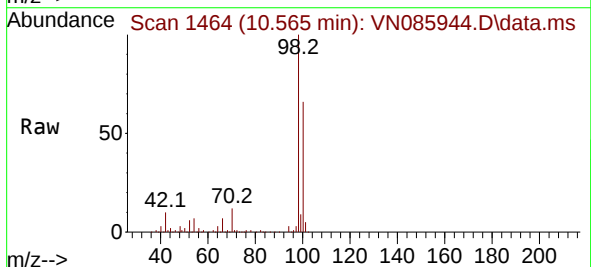
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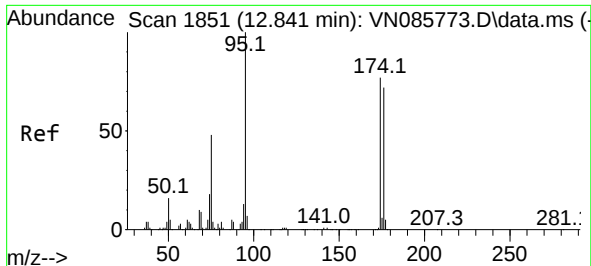
Reviewed By :John Carlone 03/12/2025
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#50
Toluene-d8
Concen: 50.214 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17

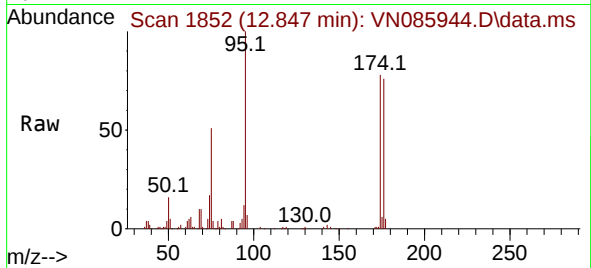
Tgt Ion: 98 Resp: 371549
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 48.031 ug/l
RT: 12.847 min Scan# 117094
Delta R.T. 0.006 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17

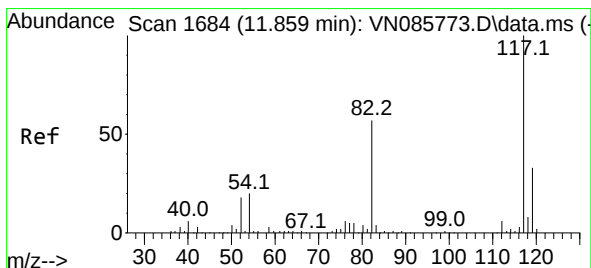
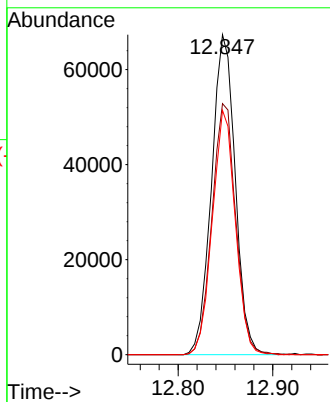
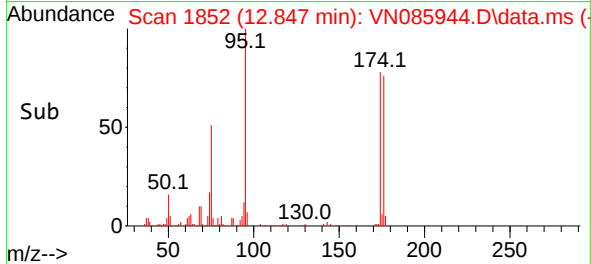
Instrument :
MSVOA_N
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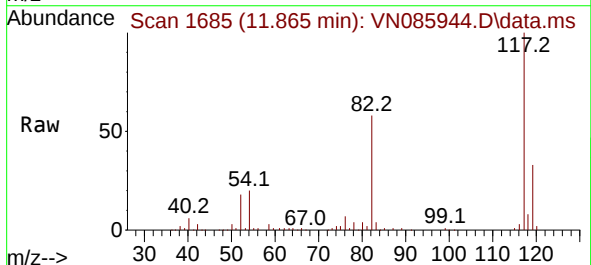
Tgt Ion: 95 Resp: 117094
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.4
176 74.3 0.0 146.6

Manual Integrations
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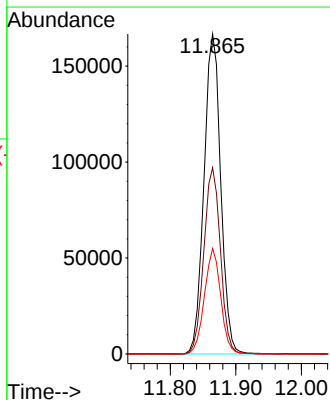
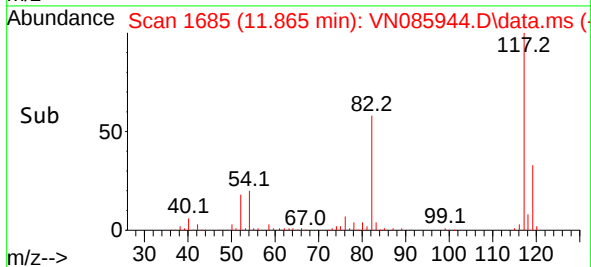
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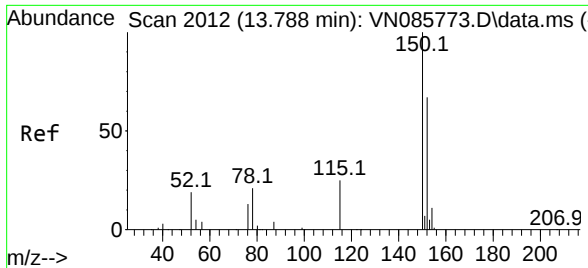


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085944.D
Acq: 11 Mar 2025 20:17



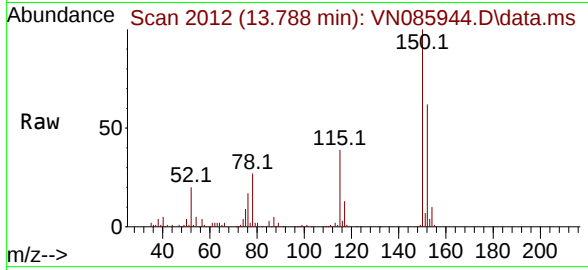
Tgt Ion:117 Resp: 296872
Ion Ratio Lower Upper
117 100
82 58.2 45.7 68.5
119 33.0 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085944.D
 Acq: 11 Mar 2025 20:17

Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.4	91.3
150	159.0	0.0	345.4

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