

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085943.D
 Acq On : 11 Mar 2025 19:53
 Operator : JC\MD
 Sample : Q1534-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-636-COMP-16

Manual Integrations
 APPROVED

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

Quant Time: Mar 12 01:28:59 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	154052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120572	60.370	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.740%			
35) Dibromofluoromethane	8.165	113	100435	50.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.240%			
50) Toluene-d8	10.565	98	360946	49.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.000%			
62) 4-Bromofluorobenzene	12.847	95	114025	47.937	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.880%			
Target Compounds						Qvalue
16) Acetone	4.424	43	53024	83.904	ug/l	98
20) Methylene Chloride	5.265	84	7208	3.547	ug/l	85
43) Isopropyl Acetate	8.688	43	41619m	9.822	ug/l	

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

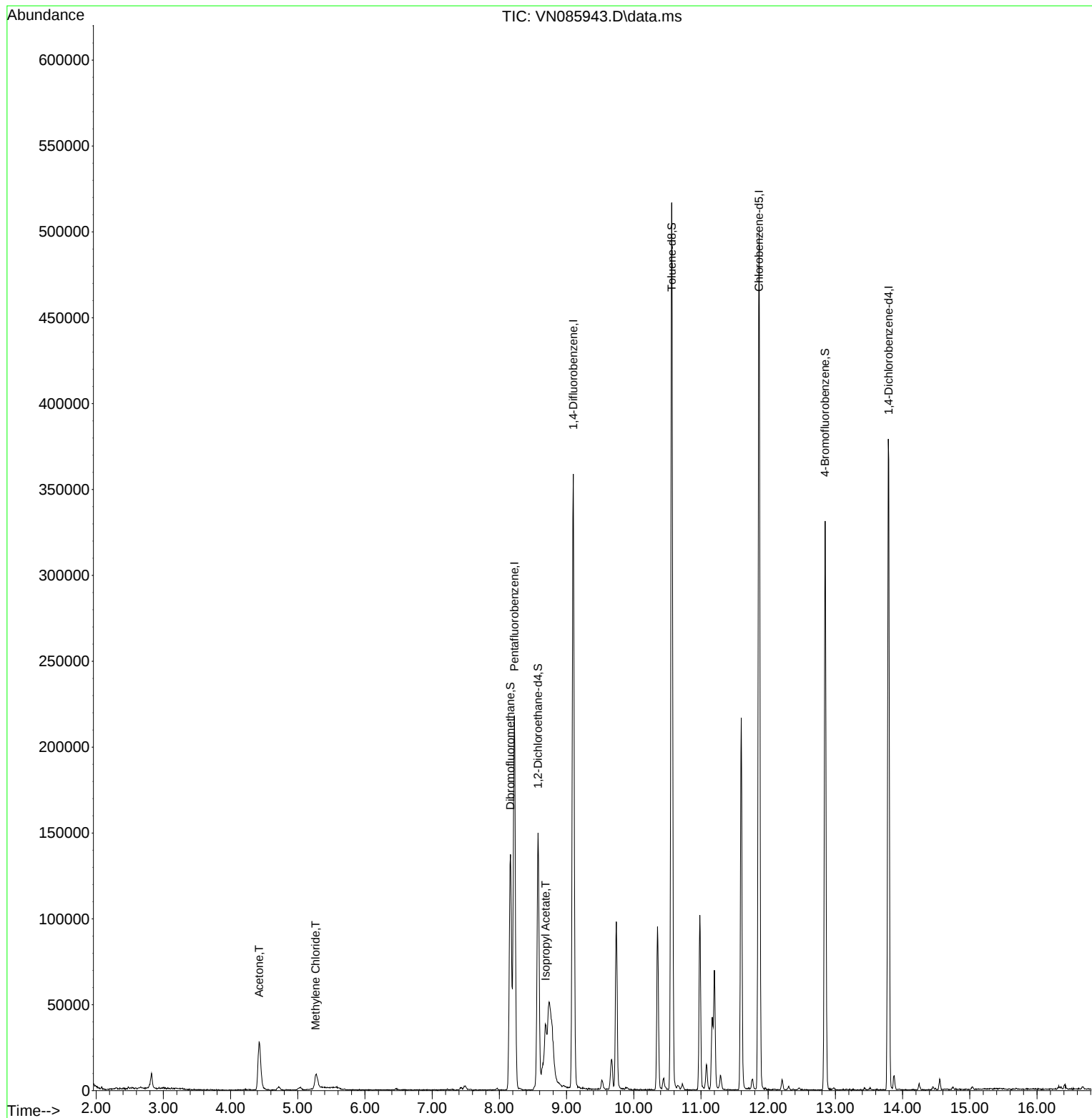
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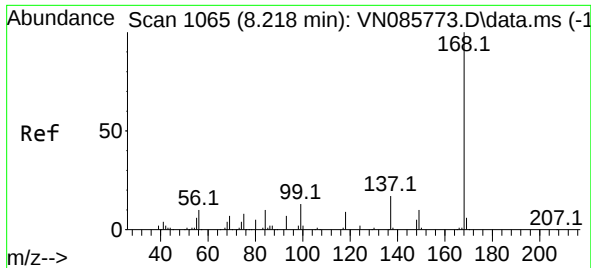
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
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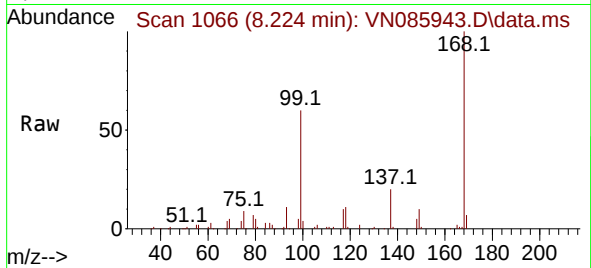
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085943.D
Acq: 11 Mar 2025 19:53

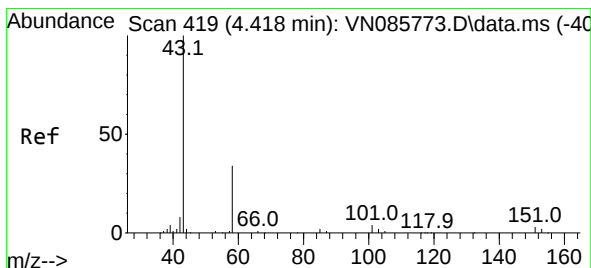
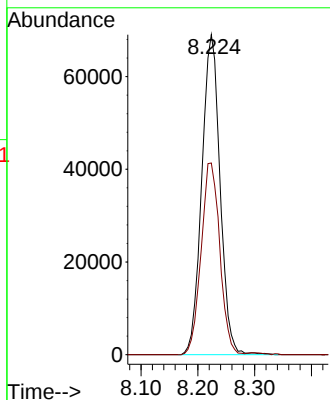
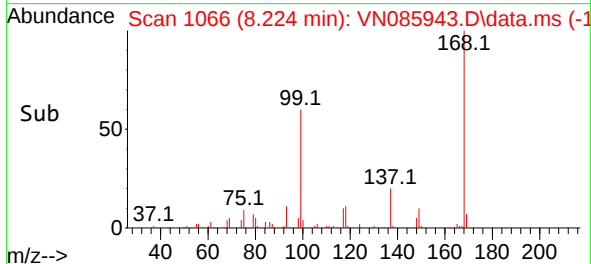
Instrument :
MSVOA_N
ClientSampleId :
OR-636-COMP-16



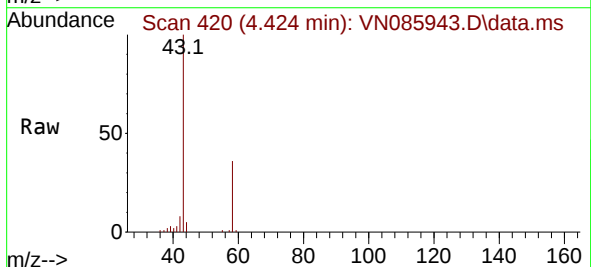
Tgt Ion:168 Resp: 15405
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9

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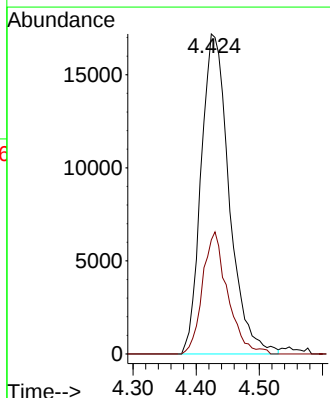
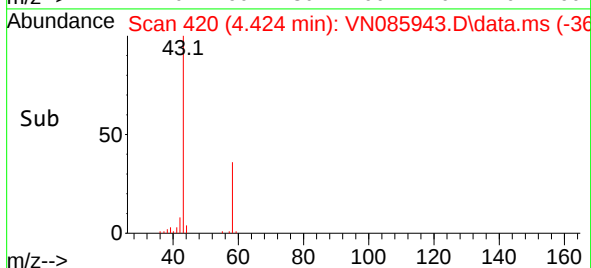
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

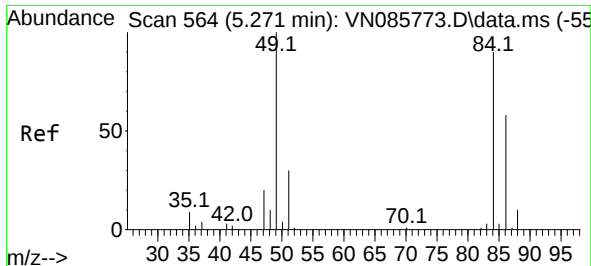


#16
Acetone
Concen: 83.904 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085943.D
Acq: 11 Mar 2025 19:53



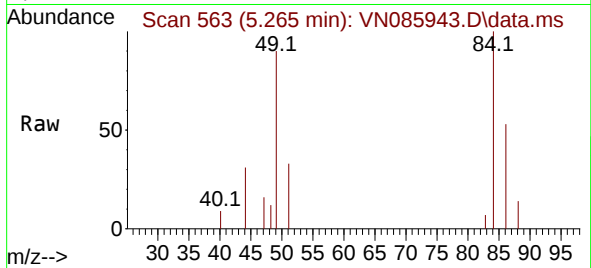
Tgt Ion: 43 Resp: 53024
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3





#20
Methylene Chloride
Concen: 3.547 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085943.D
Acq: 11 Mar 2025 19:53

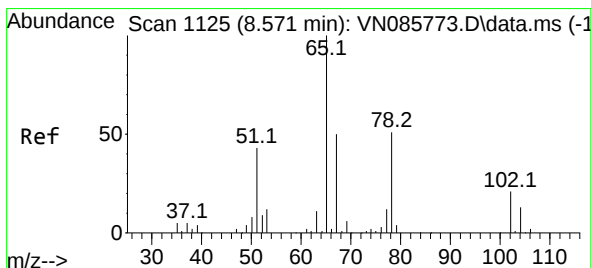
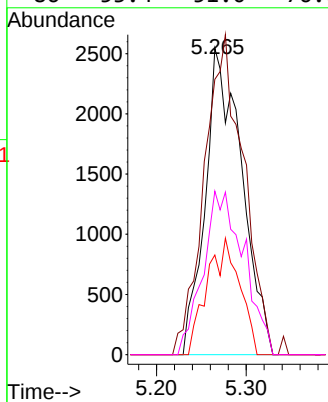
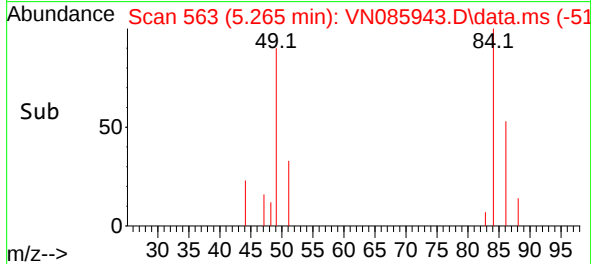
Instrument :
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ClientSampleId :
OR-636-COMP-16



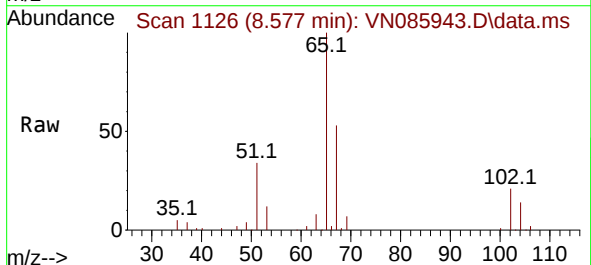
Tgt Ion: 84	Resp: 7208
Ion Ratio	Lower Upper
84 100	
49 89.9	88.4 132.6
51 32.5	26.6 40.0
86 53.4	51.0 76.6

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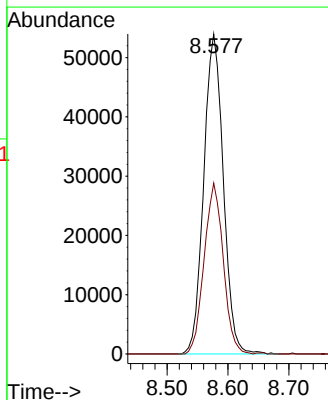
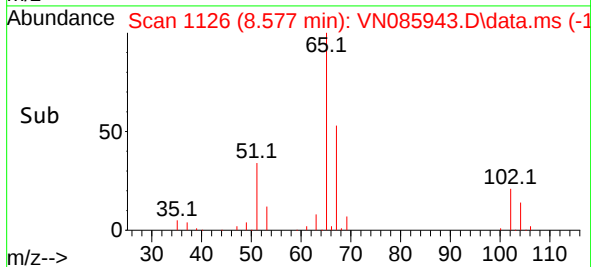
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

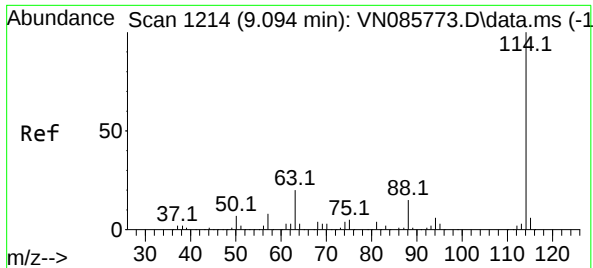


#33
1,2-Dichloroethane-d4
Concen: 60.370 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085943.D
Acq: 11 Mar 2025 19:53



Tgt Ion: 65	Resp: 120572
Ion Ratio	Lower Upper
65 100	
67 52.2	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: VN085943.D

Acq: 11 Mar 2025 19:53

Instrument :

MSVOA_N

ClientSampleId :

OR-636-COMP-16

Tgt Ion:114 Resp: 30324

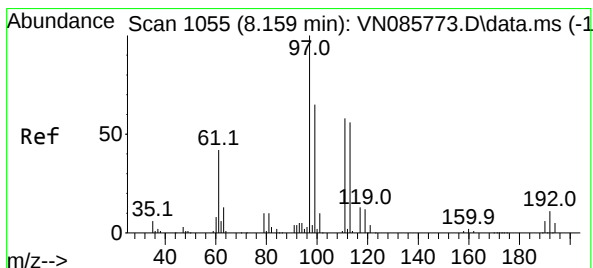
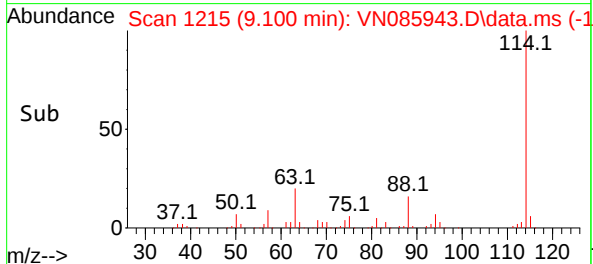
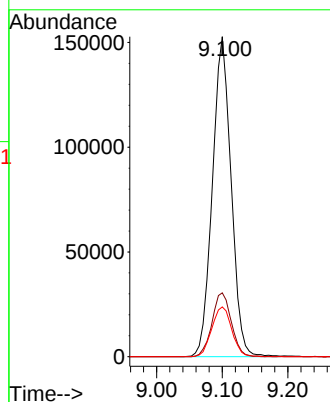
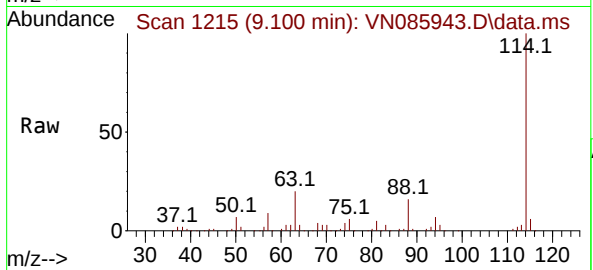
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.2
88	15.6	0.0	30.0

Manual Integrations

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Supervised By :Mahesh Dadoda 03/12/2025



#35

Dibromofluoromethane

Concen: 50.615 ug/l

RT: 8.165 min Scan# 1056

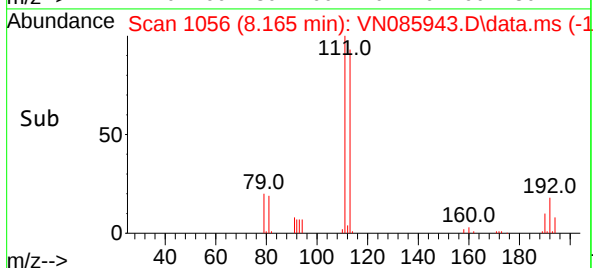
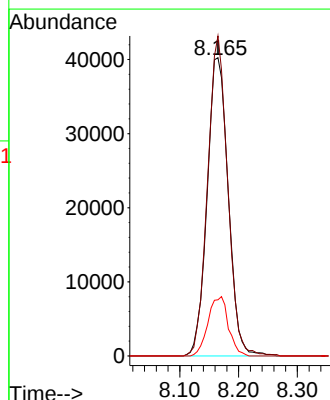
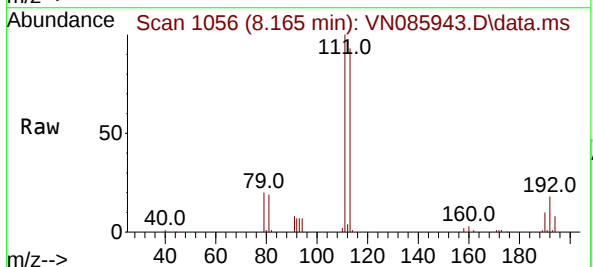
Delta R.T. 0.006 min

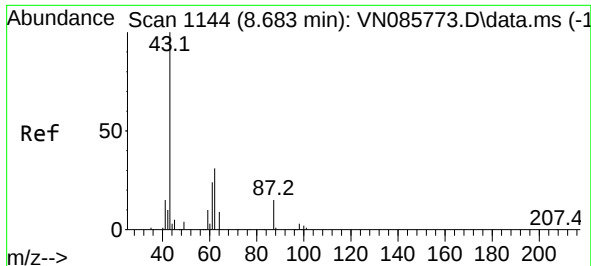
Lab File: VN085943.D

Acq: 11 Mar 2025 19:53

Tgt Ion:113 Resp: 100435

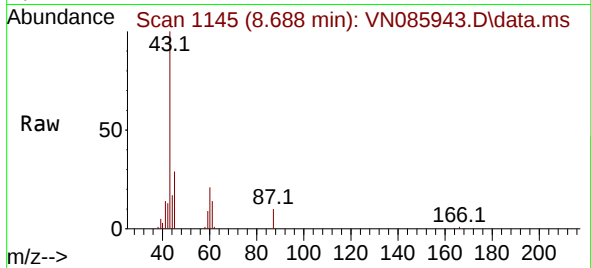
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	19.2	14.7	22.1





#43
Isopropyl Acetate
Concen: 9.822 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085943.D
Acq: 11 Mar 2025 19:53

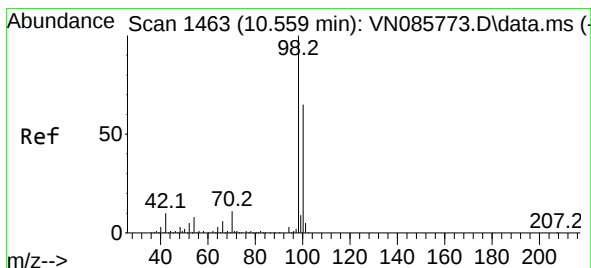
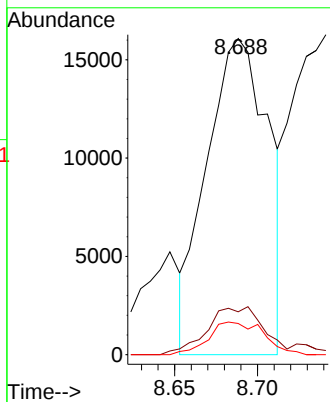
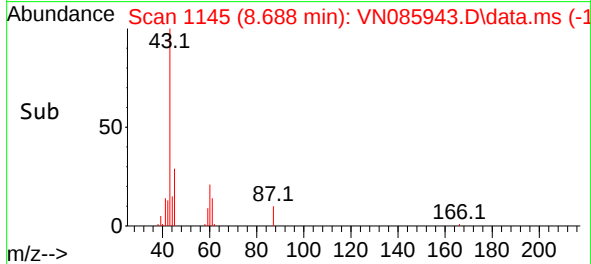
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Tgt Ion: 43 Resp: 41619
Ion Ratio Lower Upper
43 100
61 15.6 22.6 34.0
87 9.2 11.8 17.8

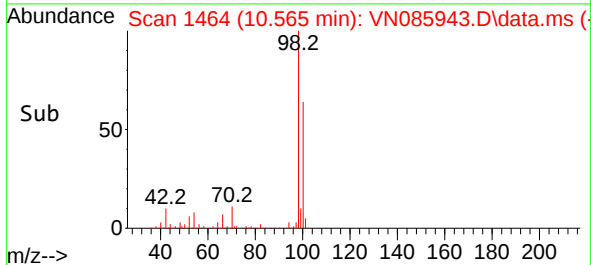
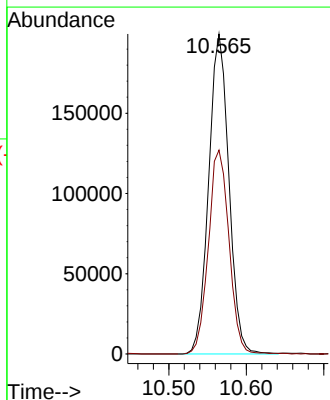
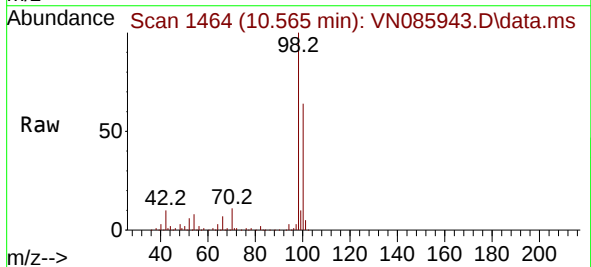
Manual Integrations
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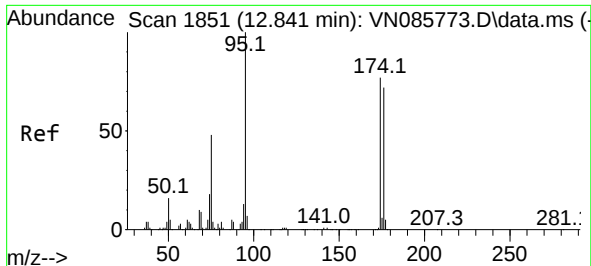
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#50
Toluene-d8
Concen: 49.997 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085943.D
Acq: 11 Mar 2025 19:53

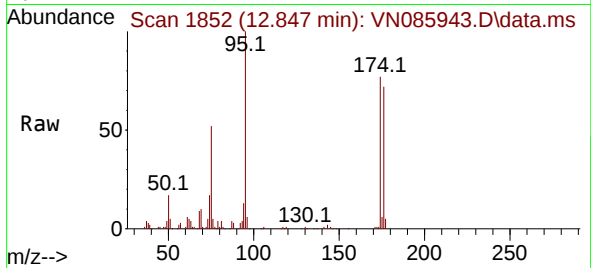
Tgt Ion: 98 Resp: 360946
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 47.937 ug/l
RT: 12.847 min Scan# 11402
Delta R.T. 0.006 min
Lab File: VN085943.D
Acq: 11 Mar 2025 19:53

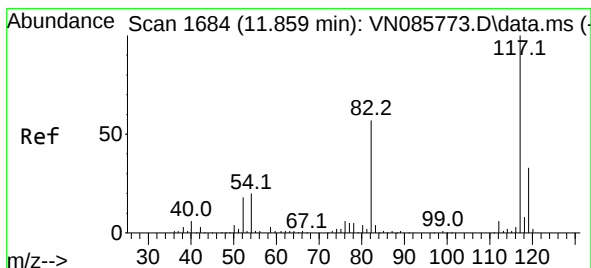
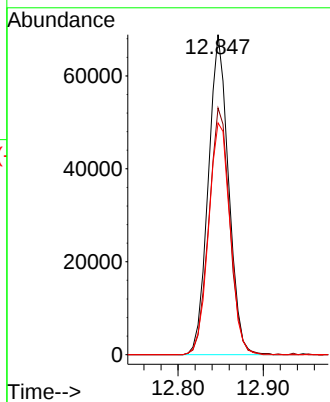
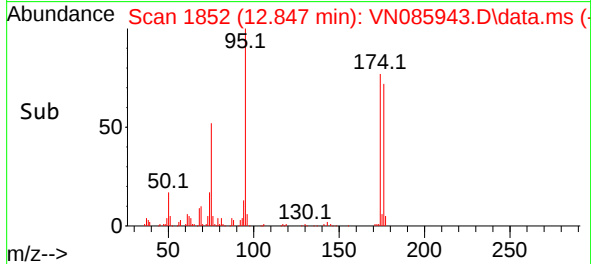
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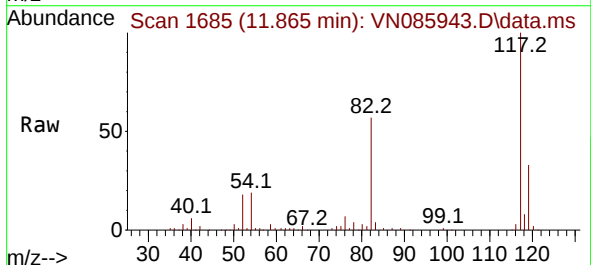
Tgt Ion: 95 Resp: 11402
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.4
176 76.8 0.0 146.6

Manual Integrations
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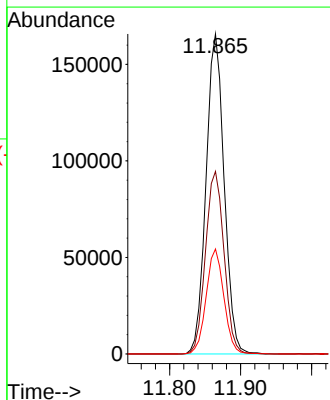
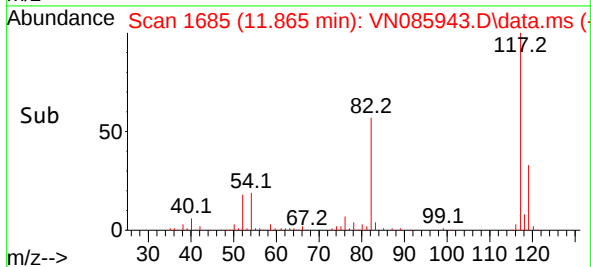
Reviewed By :John Carlone 03/12/2025
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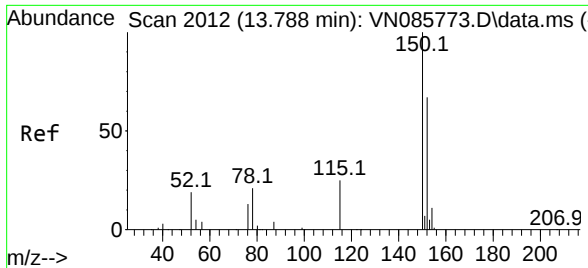


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085943.D
Acq: 11 Mar 2025 19:53



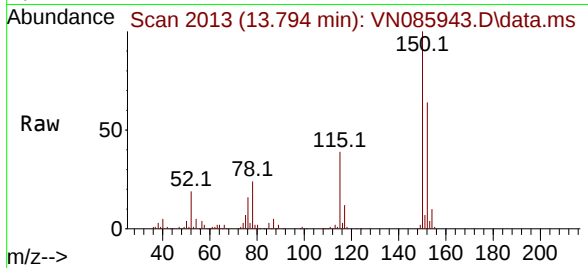
Tgt Ion:117 Resp: 293637
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 32.8 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085943.D
 Acq: 11 Mar 2025 19:53

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-636-COMP-16



Tgt Ion:152 Resp: 109290
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.4 91.3
 150 157.4 0.0 345.4

Manual Integrations
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