

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085818.D
 Acq On : 21 Feb 2025 21:26
 Operator : JC\MD
 Sample : Q1397-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP7

Quant Time: Feb 22 02:43:14 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 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	237285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	473702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	452139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	184632	60.017	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.040%			
35) Dibromofluoromethane	8.165	113	160232	51.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.380%			
50) Toluene-d8	10.565	98	601659	53.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.700%			
62) 4-Bromofluorobenzene	12.847	95	181358	48.808	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.620%			
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	42468	43.628	ug/l #	85
18) Methyl Acetate	5.036	43	5325m	1.590	ug/l	
20) Methylene Chloride	5.265	84	4173	1.333	ug/l #	87
37) Ethyl Acetate	7.571	43	3942	1.092	ug/l #	90
43) Isopropyl Acetate	8.682	43	209988	32.957	ug/l #	83

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

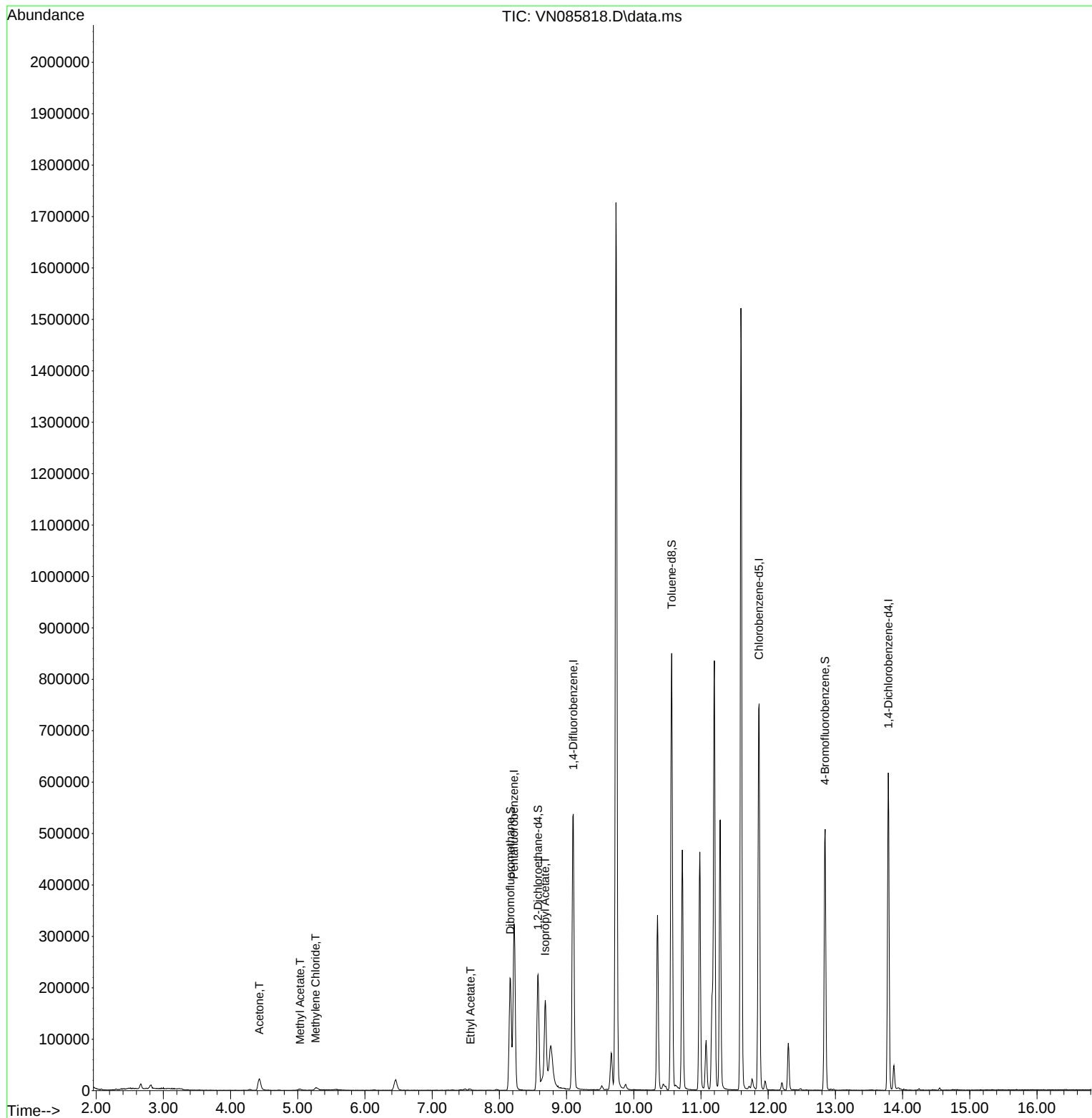
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
Data File : VN085818.D
Acq On : 21 Feb 2025 21:26
Operator : JC\MD
Sample : Q1397-04
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ALS Vial : 20 Sample Multiplier: 1

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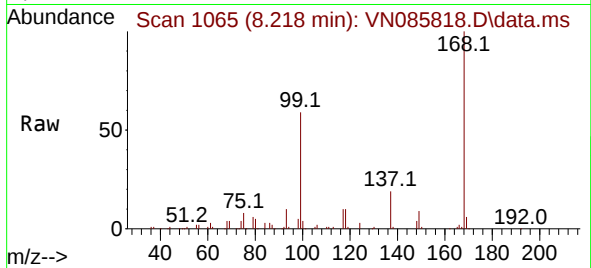
Quant Time: Feb 22 02:43:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085818.D
Acq: 21 Feb 2025 21:26

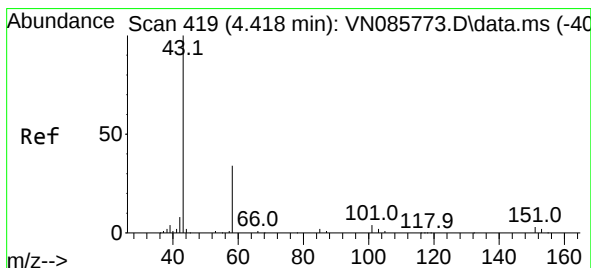
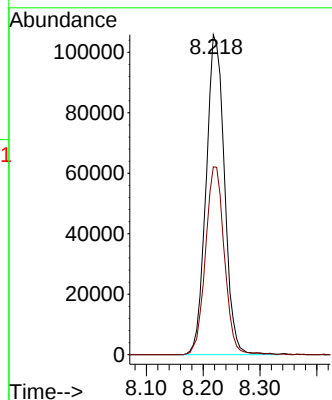
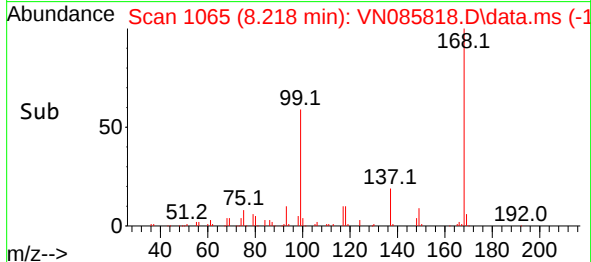
Instrument :
MSVOA_N
ClientSampleId :
TP7



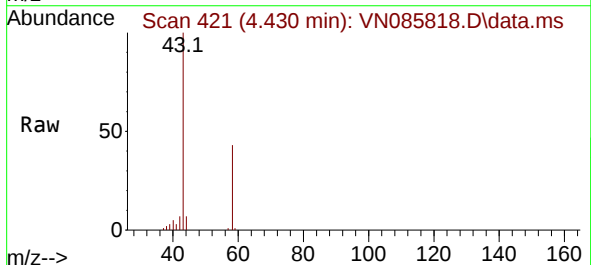
Tgt Ion:168 Resp: 237285
Ion Ratio Lower Upper
168 100
99 58.7 47.9 71.9

Manual Integrations
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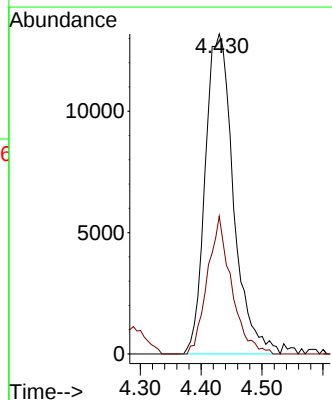
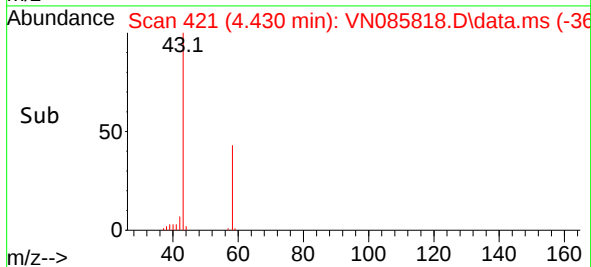
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025

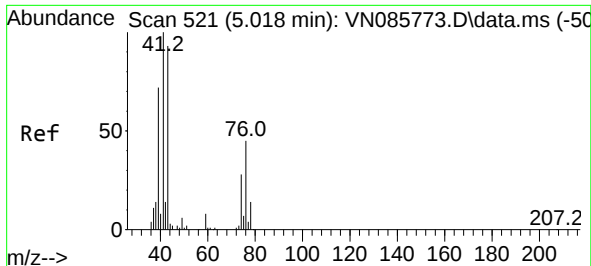


#16
Acetone
Concen: 43.628 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085818.D
Acq: 21 Feb 2025 21:26



Tgt Ion: 43 Resp: 42468
Ion Ratio Lower Upper
43 100
58 43.0 27.5 41.3#





#18

Methyl Acetate

Concen: 1.590 ug/l m

RT: 5.036 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN085818.D

Acq: 21 Feb 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

TP7

Tgt Ion: 43 Resp: 532

Ion Ratio Lower Upper

43 100

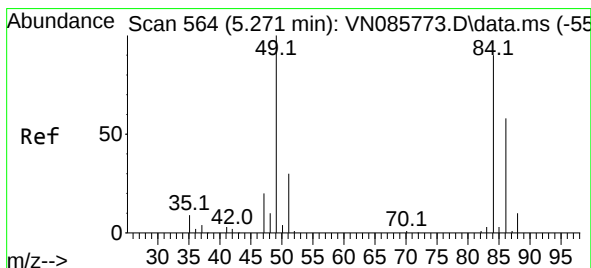
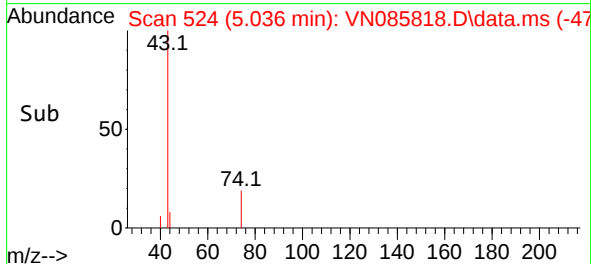
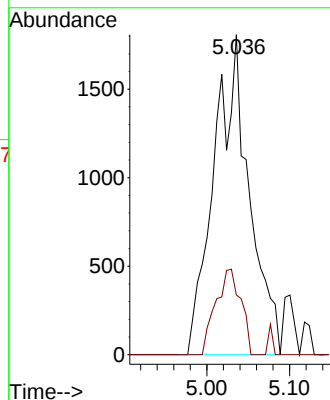
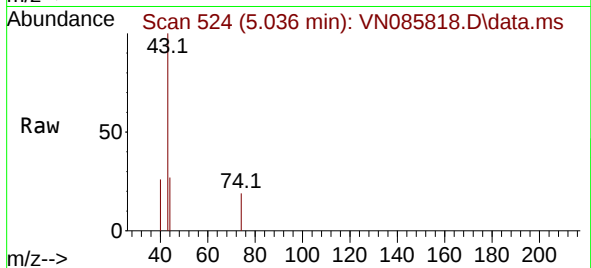
74 19.1 22.2 33.4

Manual Integrations

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#20

Methylene Chloride

Concen: 1.333 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.006 min

Lab File: VN085818.D

Acq: 21 Feb 2025 21:26

Tgt Ion: 84 Resp: 4173

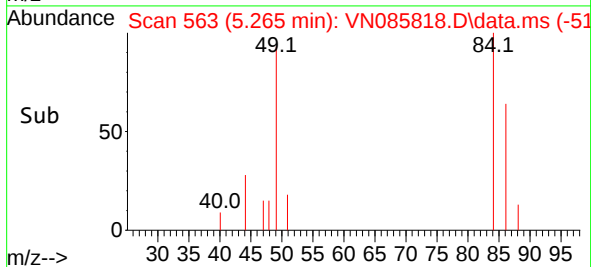
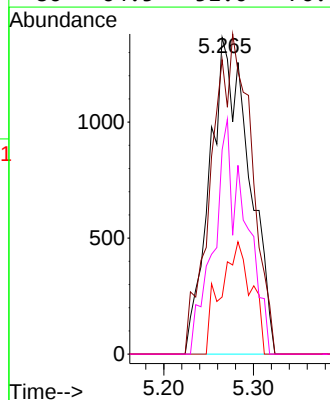
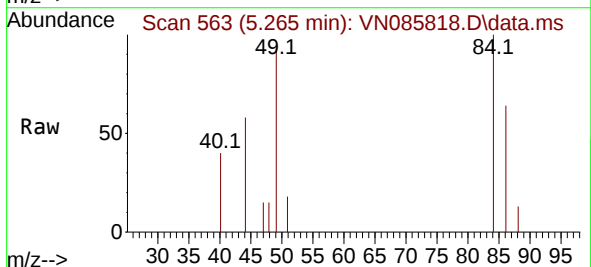
Ion Ratio Lower Upper

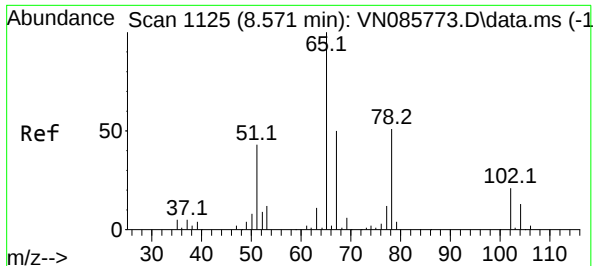
84 100

49 93.0 88.4 132.6

51 18.0 26.6 40.0

86 64.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.017 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085818.D

Acq: 21 Feb 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

TP7

Tgt Ion: 65 Resp: 18463

Ion Ratio Lower Upper

65 100

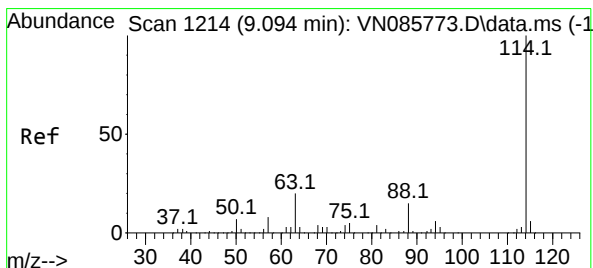
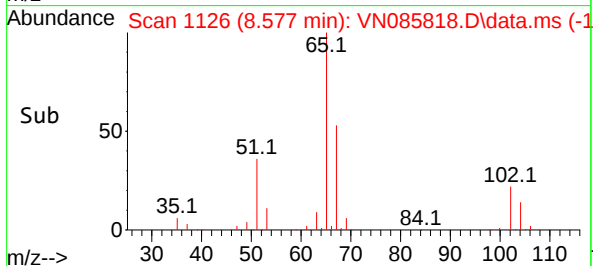
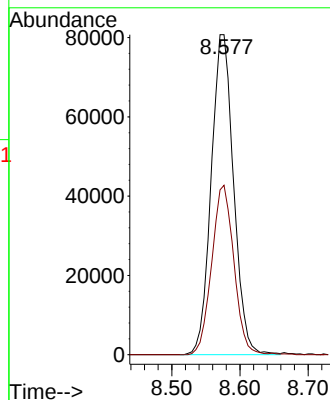
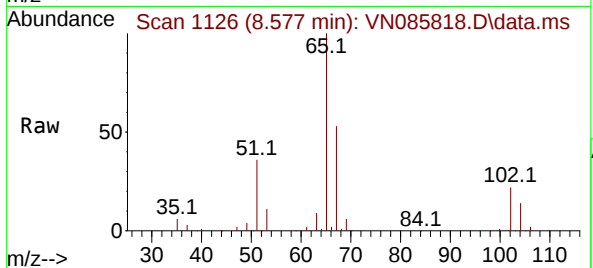
67 52.3 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085818.D

Acq: 21 Feb 2025 21:26

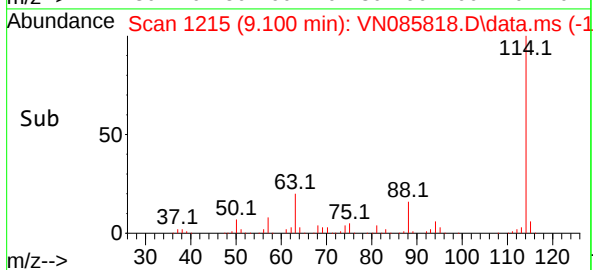
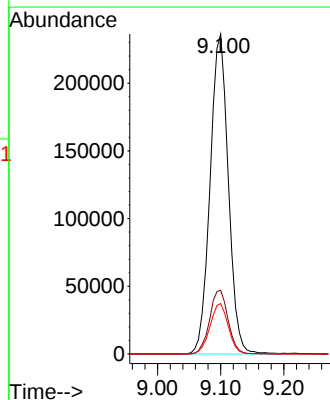
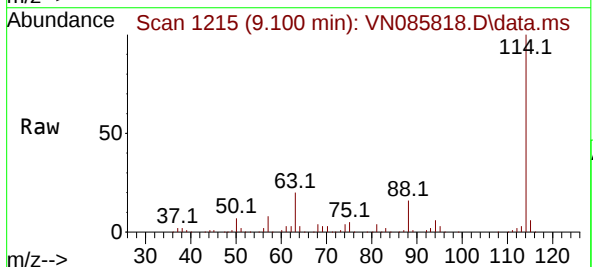
Tgt Ion:114 Resp: 473702

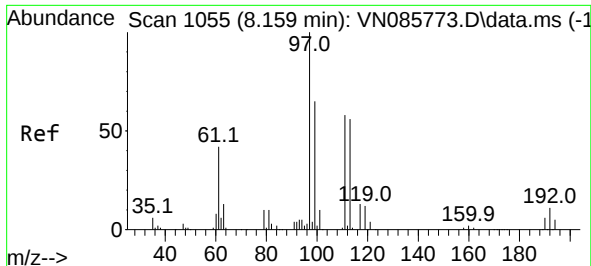
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

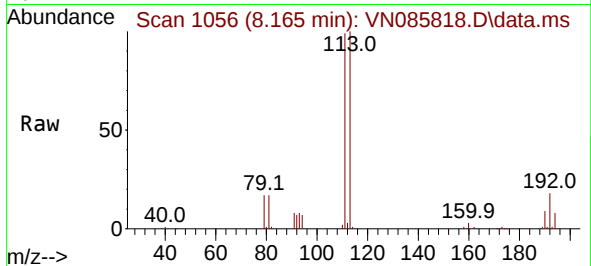
88 15.8 0.0 30.0





#35
Dibromofluoromethane
Concen: 51.693 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085818.D
Acq: 21 Feb 2025 21:26

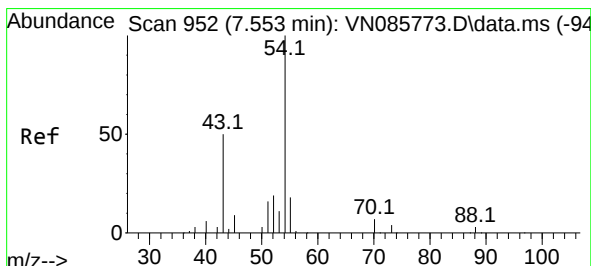
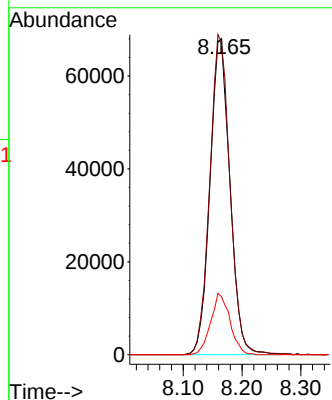
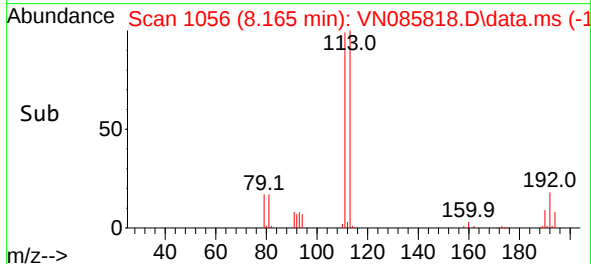
Instrument :
MSVOA_N
ClientSampleId :
TP7



Tgt Ion: 113 Resp: 16023
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.8 14.7 22.1

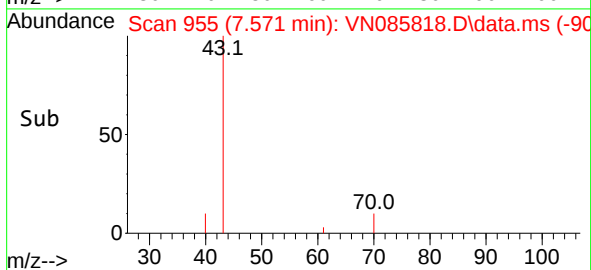
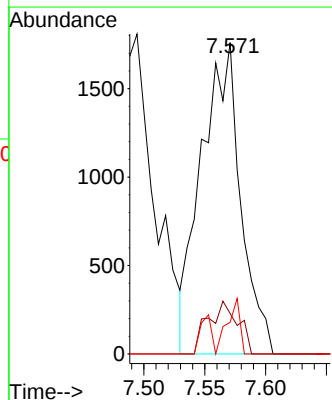
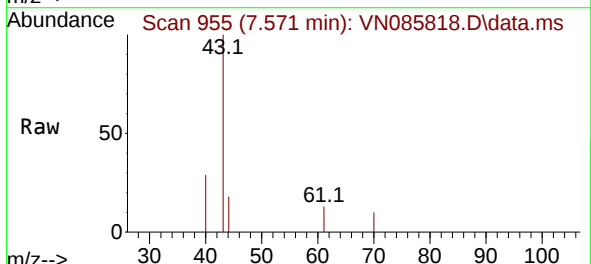
Manual Integrations
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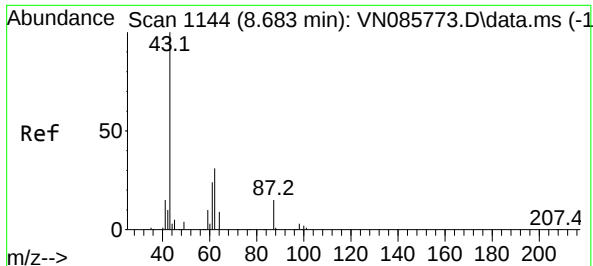
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#37
Ethyl Acetate
Concen: 1.092 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.018 min
Lab File: VN085818.D
Acq: 21 Feb 2025 21:26

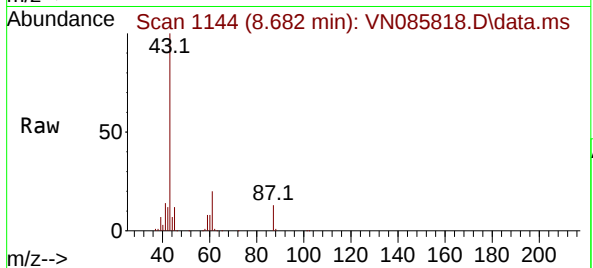
Tgt Ion: 43 Resp: 3942
Ion Ratio Lower Upper
43 100
61 13.0 12.2 18.2
70 5.8 9.5 14.3#





#43
Isopropyl Acetate
Concen: 32.957 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085818.D
Acq: 21 Feb 2025 21:26

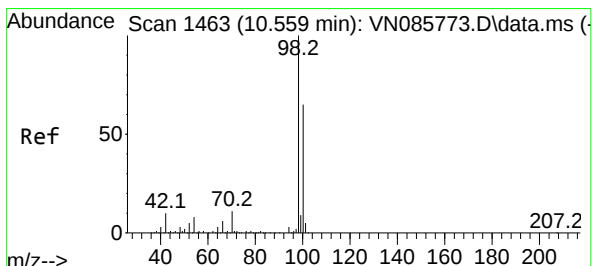
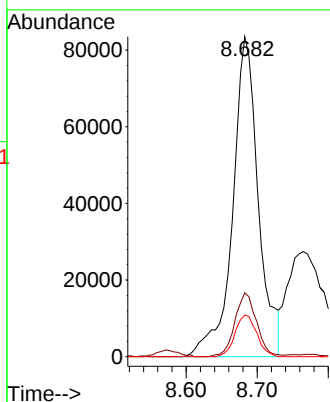
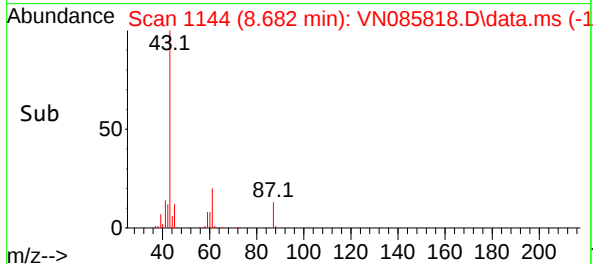
Instrument :
MSVOA_N
ClientSampleId :
TP7



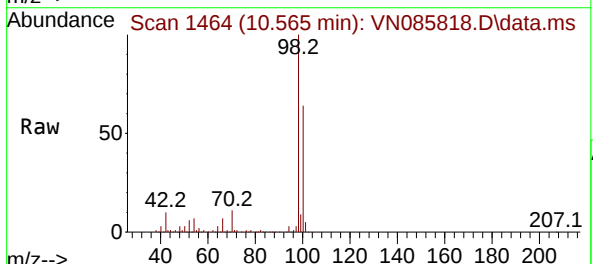
Tgt Ion: 43 Resp: 209988
Ion Ratio Lower Upper
43 100
61 16.9 22.6 34.0
87 11.0 11.8 17.8

Manual Integrations
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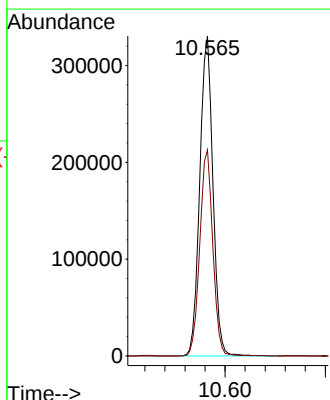
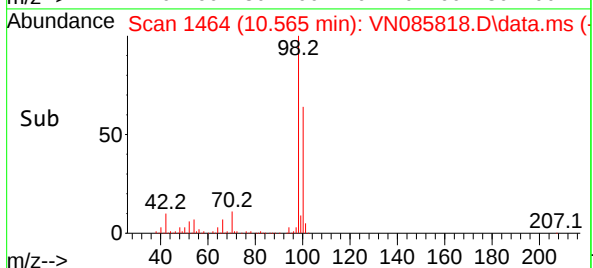
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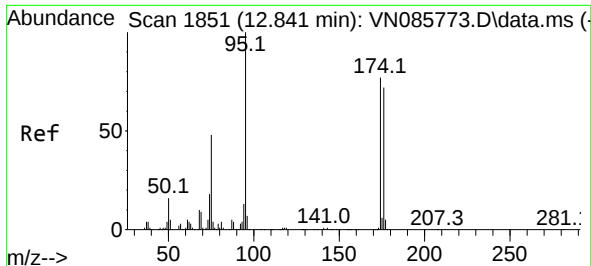


#50
Toluene-d8
Concen: 53.350 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085818.D
Acq: 21 Feb 2025 21:26



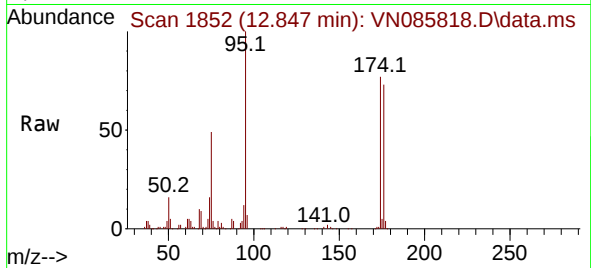
Tgt Ion: 98 Resp: 601659
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 48.808 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085818.D
Acq: 21 Feb 2025 21:26

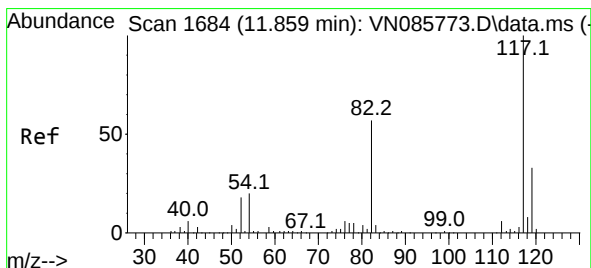
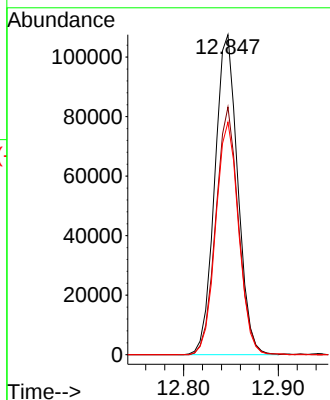
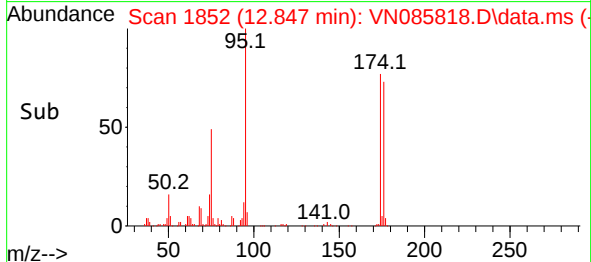
Instrument :
MSVOA_N
ClientSampleId :
TP7



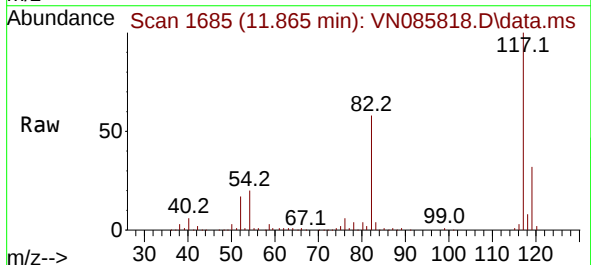
Tgt Ion: 95 Resp: 181358
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.4
176 72.5 0.0 146.6

Manual Integrations
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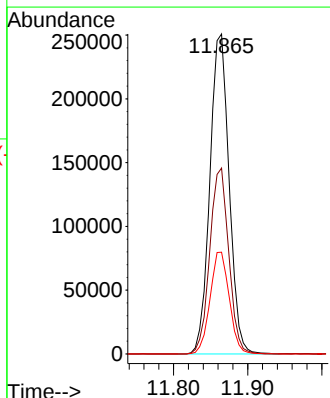
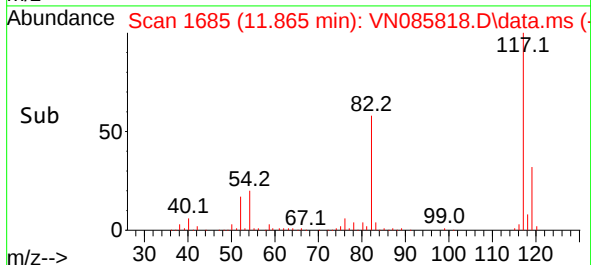
Reviewed By :John Carlone 02/24/2025
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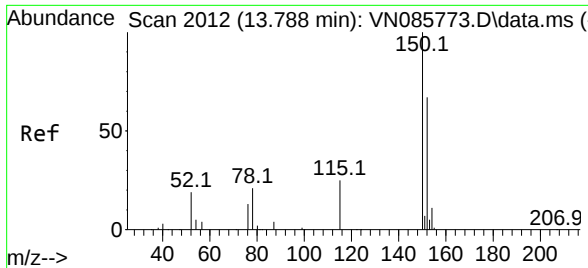


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085818.D
Acq: 21 Feb 2025 21:26



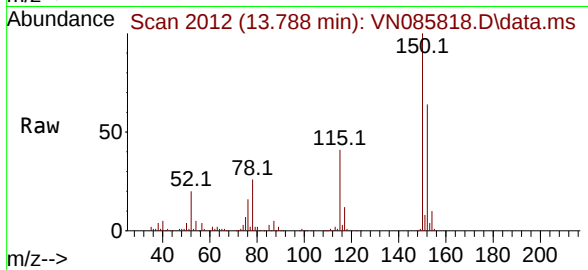
Tgt Ion:117 Resp: 452139
Ion Ratio Lower Upper
117 100
82 58.1 45.7 68.5
119 31.8 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085818.D
 Acq: 21 Feb 2025 21:26

Instrument :
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Tgt Ion:152 Resp: 170309
 Ion Ratio Lower Upper
 152 100
 115 61.9 30.4 91.3
 150 154.6 0.0 345.4

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