

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084000.D
 Acq On : 18 Sep 2024 22:16
 Operator : JC\MD
 Sample : P4085-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Sep 19 05:17:03 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.877	168	169723m	50.000	ug/l	-0.35
34) 1,4-Difluorobenzene	8.865	114	296879	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	246067	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.776	152	103007	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.265	65	131865	51.526	ug/l	-0.31
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.060%
35) Dibromofluoromethane	7.794	113	93589	49.242	ug/l	-0.37
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.480%
50) Toluene-d8	10.453	98	360423	54.855	ug/l	-0.11
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.720%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						Qvalue
43) Isopropyl Acetate	8.412	43	258750	54.990	ug/l #	76

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

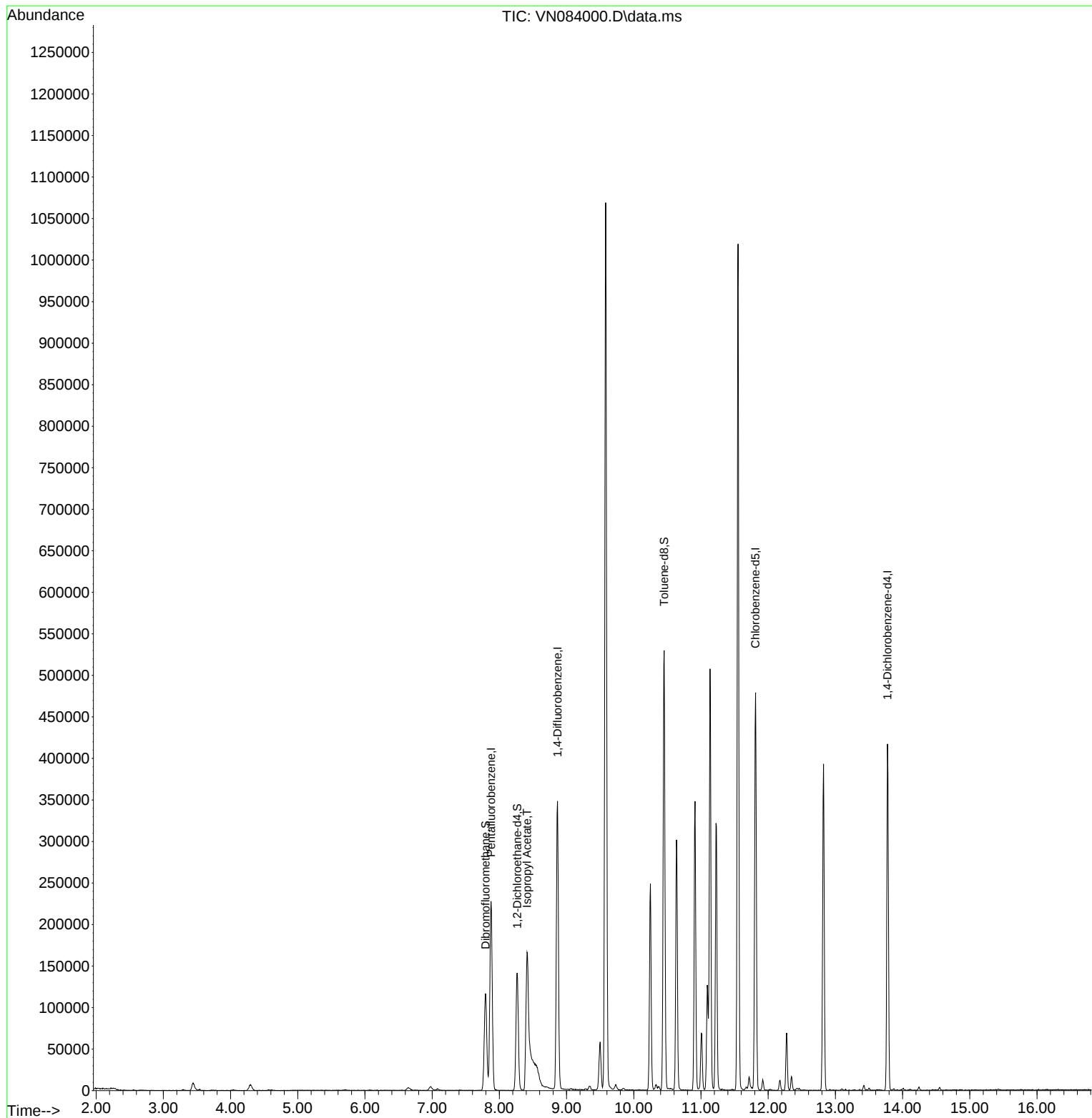
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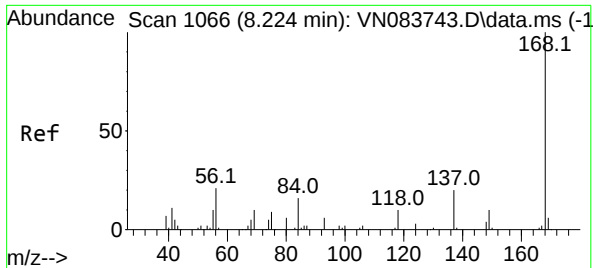
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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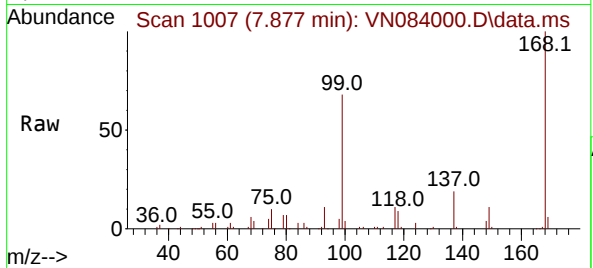
Reviewed By : John Carlone 09/19/2024
Supervised By : Mahesh Dadoda 09/19/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 7.877 min Scan# 1073
Delta R.T. -0.347 min
Lab File: VN084000.D
Acq: 18 Sep 2024 22:16

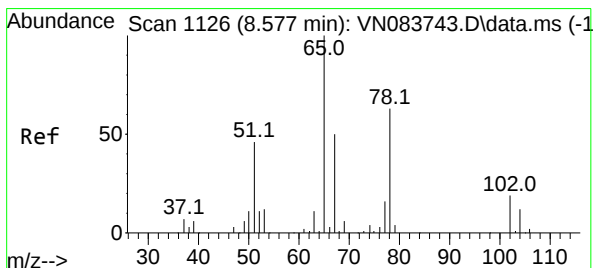
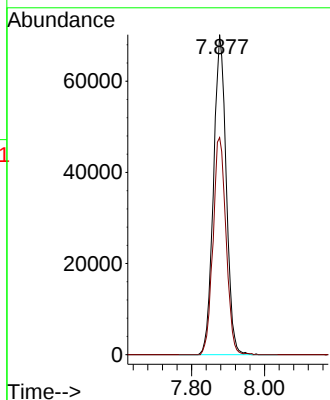
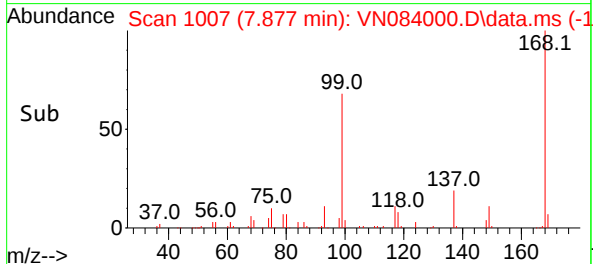
Instrument :
MSVOA_N
ClientSampleId :
COMP-2



Tgt Ion:168 Resp: 16972
Ion Ratio Lower Upper
168 100
99 67.8 54.2 81.2

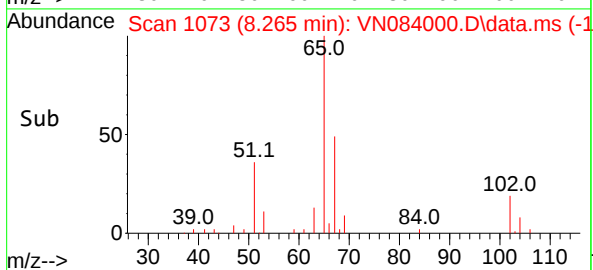
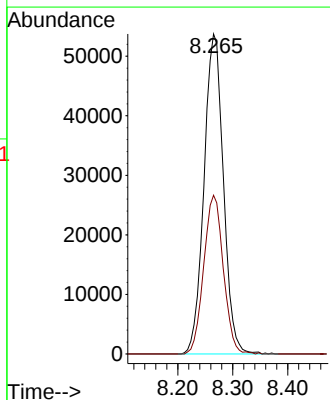
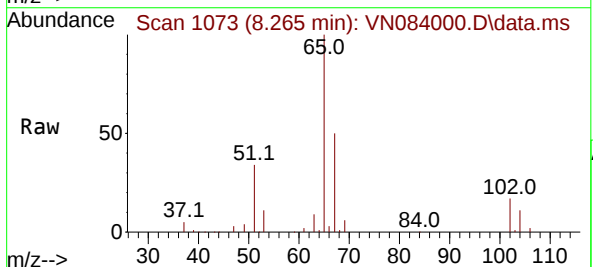
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#33
1,2-Dichloroethane-d4
Concen: 51.526 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.312 min
Lab File: VN084000.D
Acq: 18 Sep 2024 22:16

Tgt Ion: 65 Resp: 131865
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8





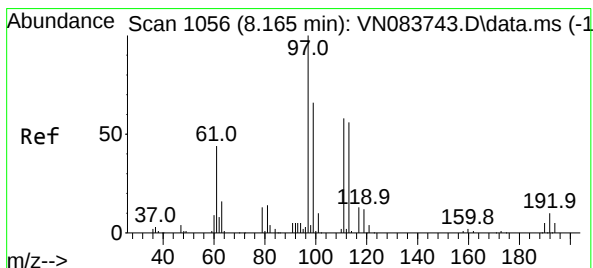
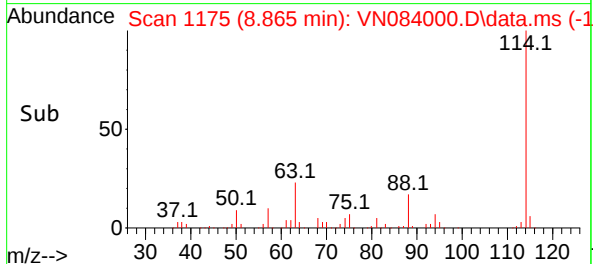
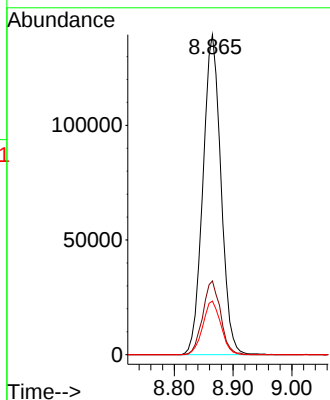
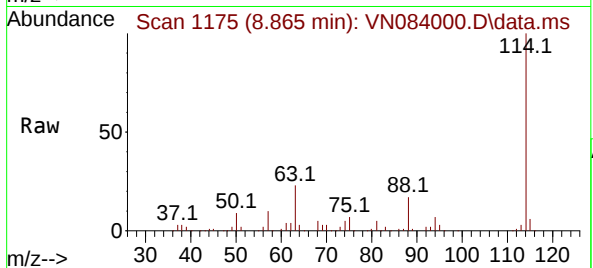
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.865 min Scan# 1175
Delta R.T. -0.235 min
Lab File: VN084000.D
Acq: 18 Sep 2024 22:16

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion:114 Resp: 296879
Ion Ratio Lower Upper
114 100
63 23.1 0.0 43.4
88 16.8 0.0 32.6

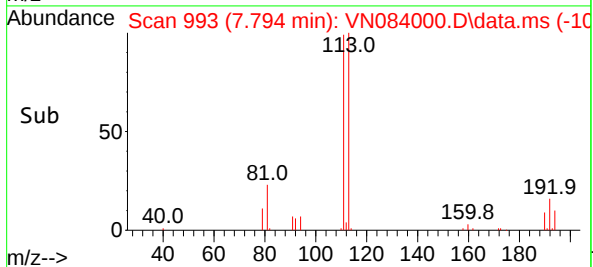
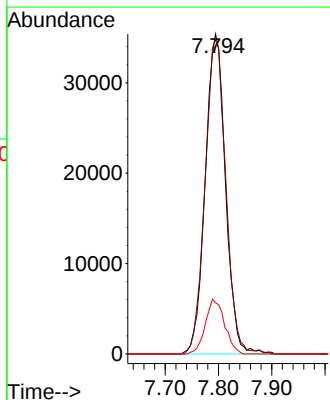
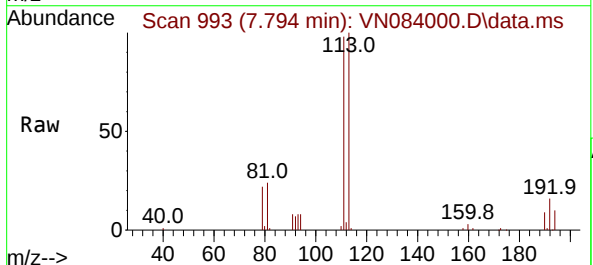
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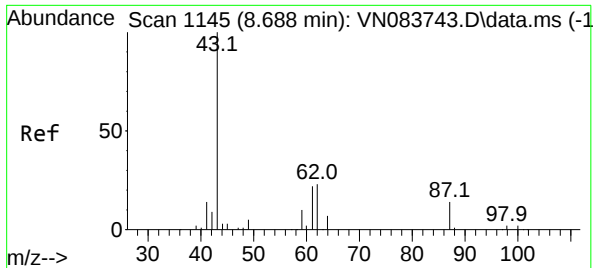
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#35
Dibromofluoromethane
Concen: 49.242 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.371 min
Lab File: VN084000.D
Acq: 18 Sep 2024 22:16

Tgt Ion:113 Resp: 93589
Ion Ratio Lower Upper
113 100
111 100.0 82.6 124.0
192 16.3 14.3 21.5





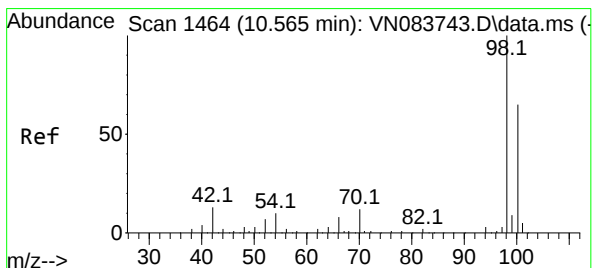
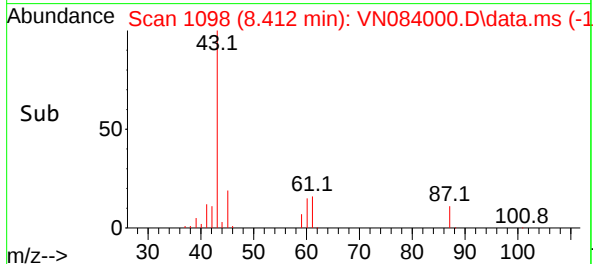
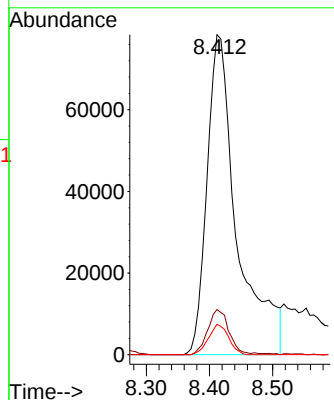
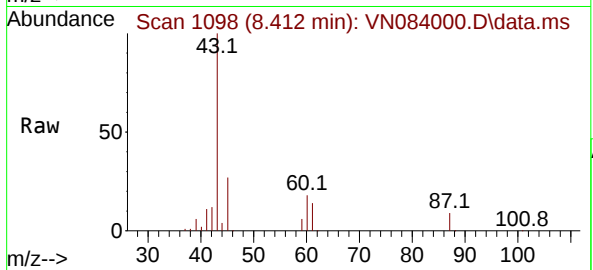
#43
Isopropyl Acetate
Concen: 54.990 ug/l
RT: 8.412 min Scan# 1098
Delta R.T. -0.276 min
Lab File: VN084000.D
Acq: 18 Sep 2024 22:16

Instrument :
MSVOA_N
ClientSampleId :
COMP-2

Tgt Ion: 43 Resp: 258750
Ion Ratio Lower Upper
43 100
61 10.2 19.4 29.0
87 6.3 9.8 14.6

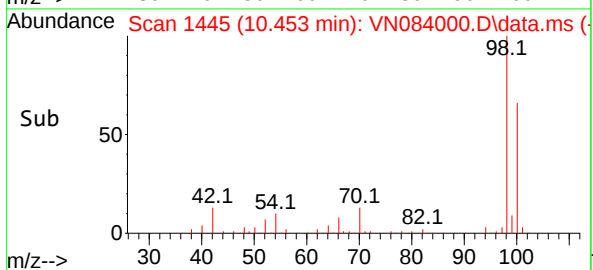
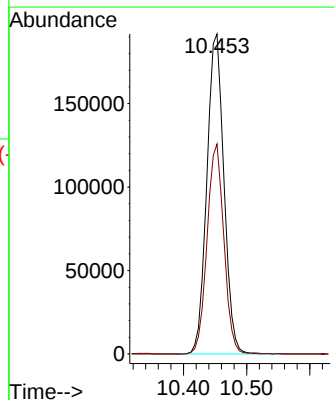
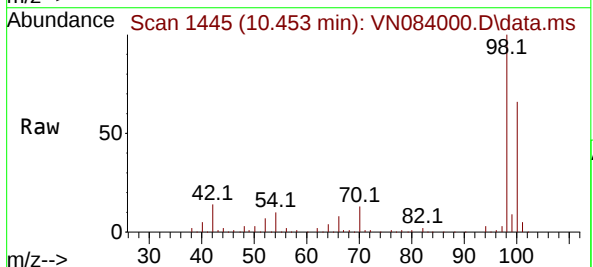
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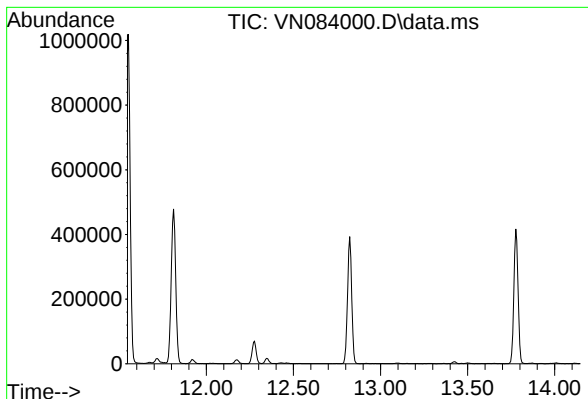
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#50
Toluene-d8
Concen: 54.855 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.112 min
Lab File: VN084000.D
Acq: 18 Sep 2024 22:16

Tgt Ion: 98 Resp: 360423
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





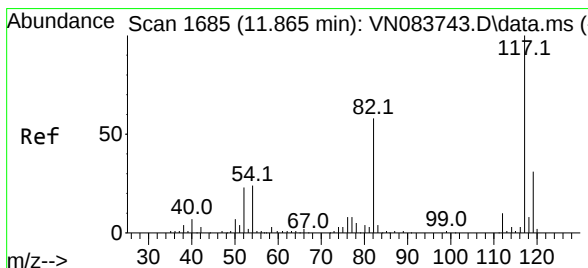
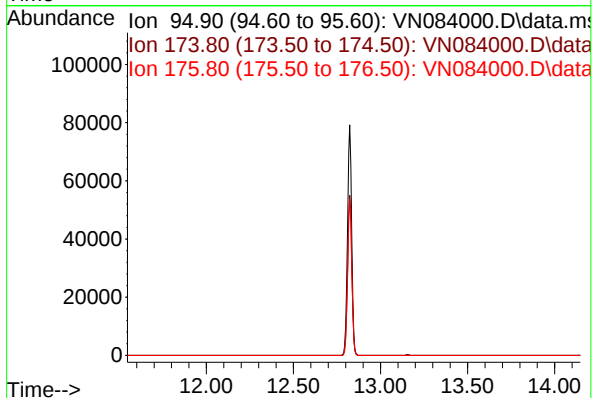
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN084000.D
 Acq: 18 Sep 2024 22:16

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 69.9
 176 65.7

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

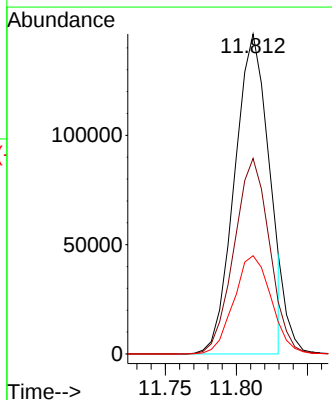
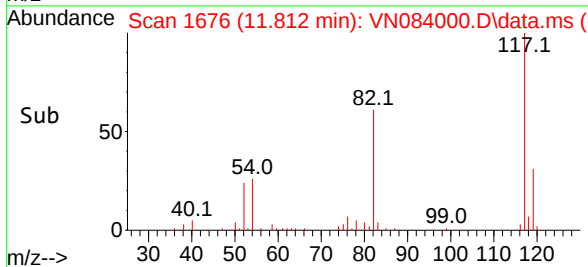
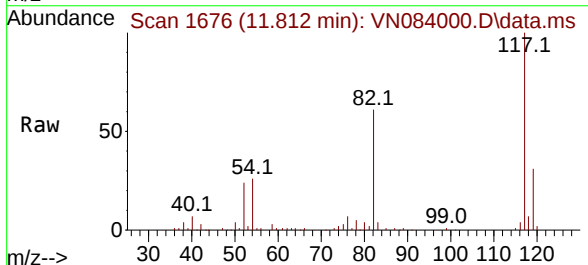
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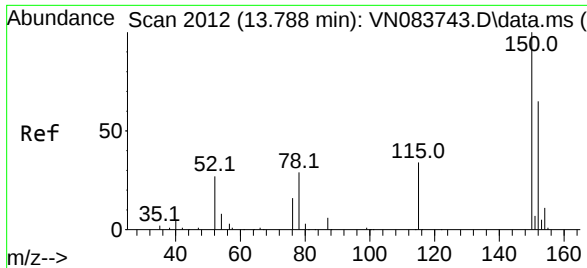
Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 1676
 Delta R.T. -0.053 min
 Lab File: VN084000.D
 Acq: 18 Sep 2024 22:16

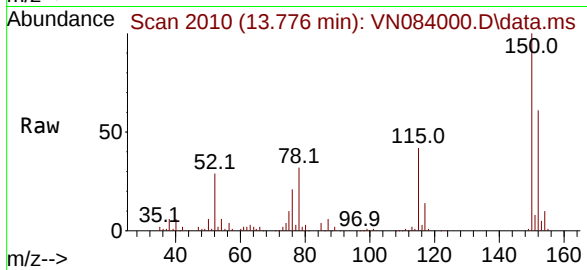
Tgt Ion: 117 Resp: 246067
 Ion Ratio Lower Upper
 117 100
 82 61.1 47.4 71.0
 119 30.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.776 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VN084000.D
 Acq: 18 Sep 2024 22:16

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2



Tgt Ion:152 Resp: 10300
 Ion Ratio Lower Upper
 152 100
 115 65.7 32.2 96.6
 150 160.2 0.0 348.6

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