

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083784.D
 Acq On : 11 Sep 2024 10:02
 Operator : JC\MD
 Sample : P3892-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2024
 Supervised By : Semsettin Yesilyurt 09/11/2024

Quant Time: Sep 11 10:24:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102024	56.617	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.240%			
35) Dibromofluoromethane	8.165	113	80831	48.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.120%			
50) Toluene-d8	10.565	98	302044	52.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.980%			
62) 4-Bromofluorobenzene	12.847	95	138265	58.239	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 116.480%			
Target Compounds						
16) Acetone	4.436	43	43095	59.657	ug/l	99
18) Methyl Acetate	5.036	43	10197m	5.109	ug/l	
20) Methylene Chloride	5.277	84	5568	3.767	ug/l	94
25) 2-Butanone	7.488	43	4188	4.411	ug/l	93
43) Isopropyl Acetate	8.688	43	272712	66.176	ug/l #	72

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

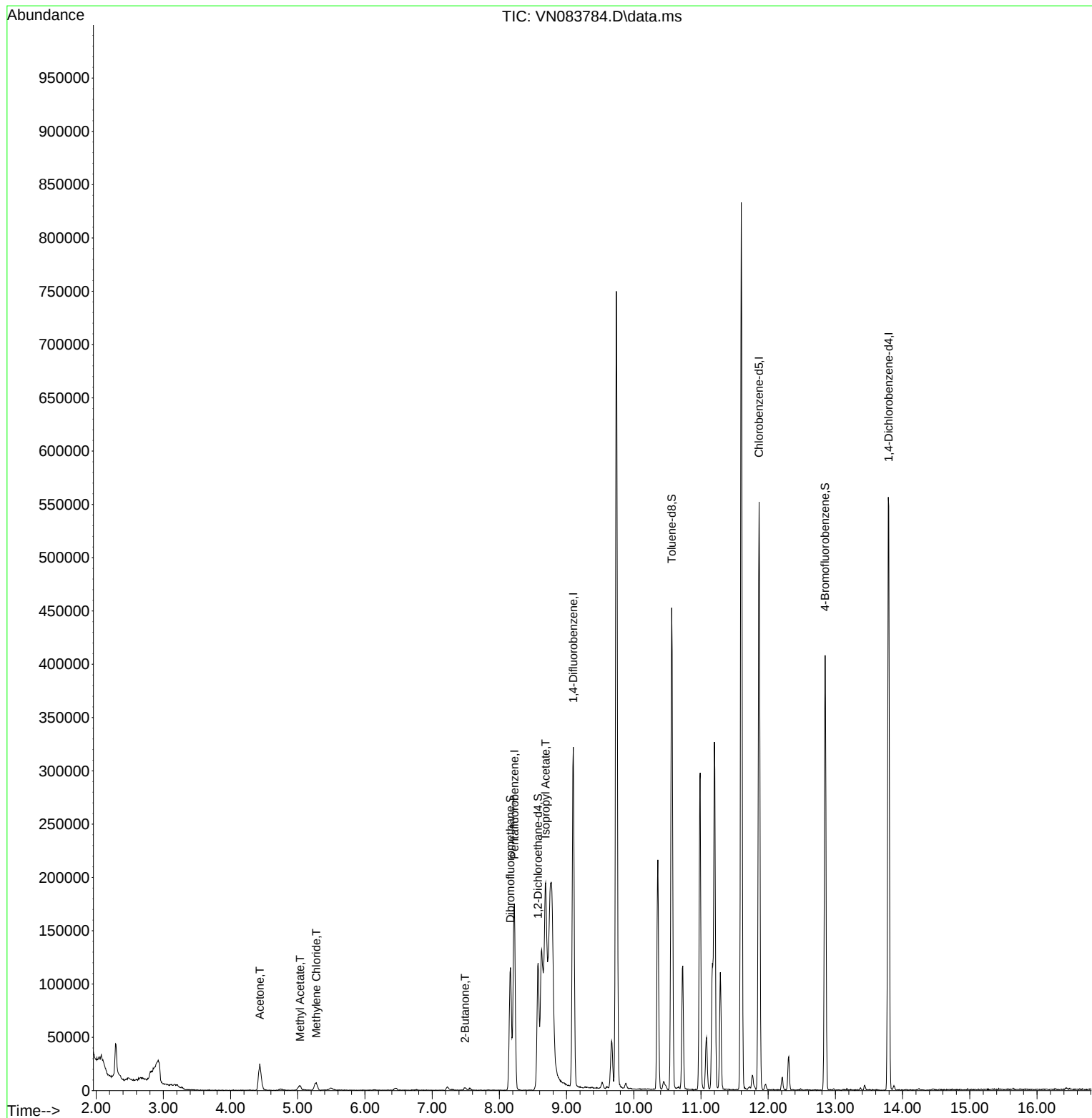
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
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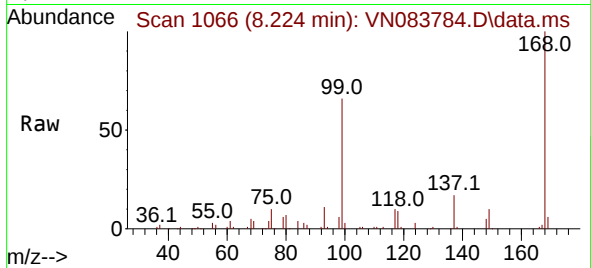
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

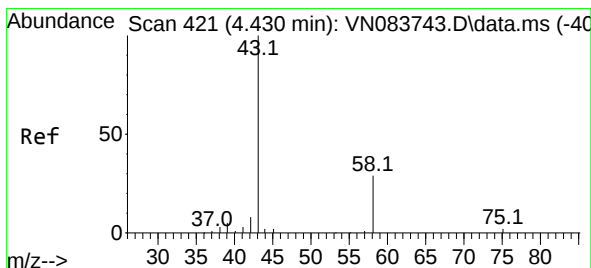
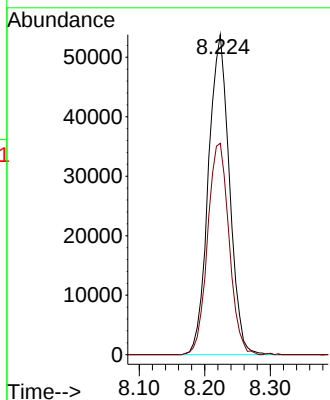
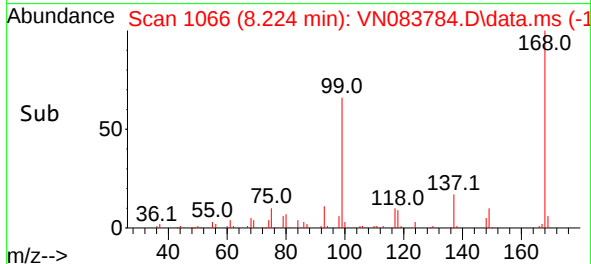
Instrument :
MSVOA_N
ClientSampleId :
ARS20-005



Tgt Ion:168 Resp: 11950
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2

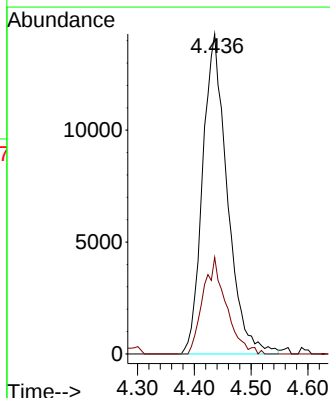
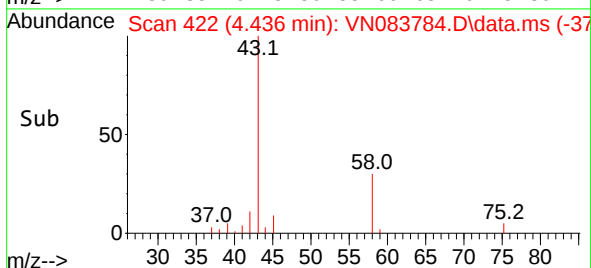
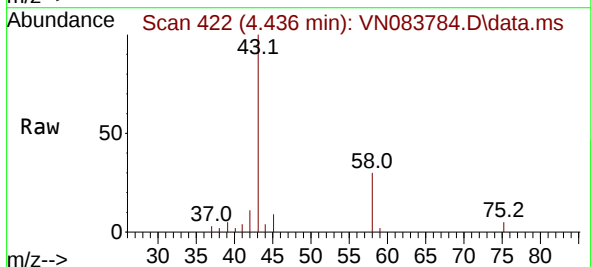
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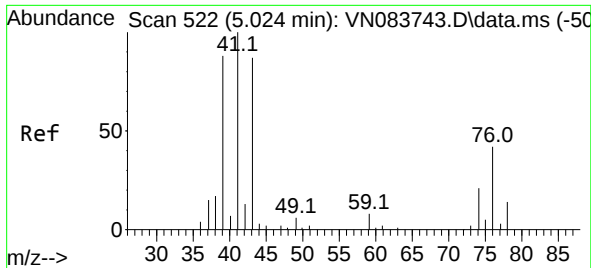
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#16
Acetone
Concen: 59.657 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

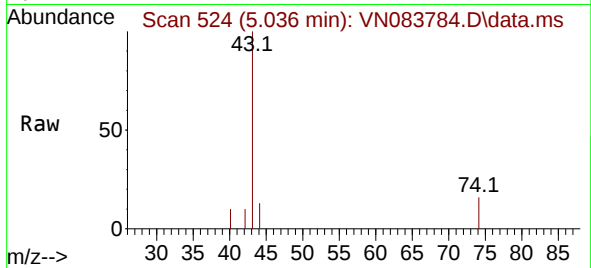
Tgt Ion: 43 Resp: 43095
Ion Ratio Lower Upper
43 100
58 30.2 23.7 35.5





#18
Methyl Acetate
Concen: 5.109 ug/l m
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

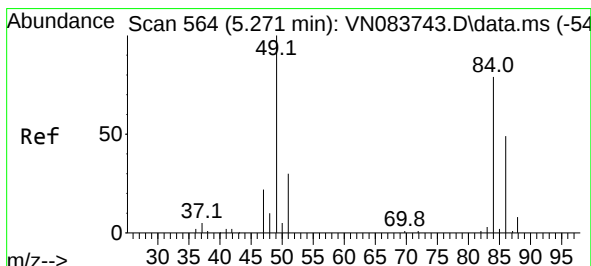
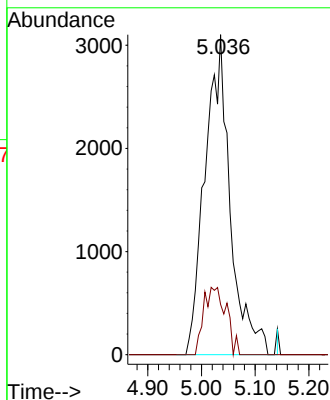
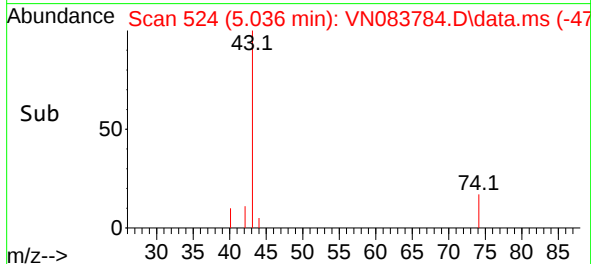
Instrument :
MSVOA_N
ClientSampleId :
ARS20-005



Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
74 18.7 19.0 28.4

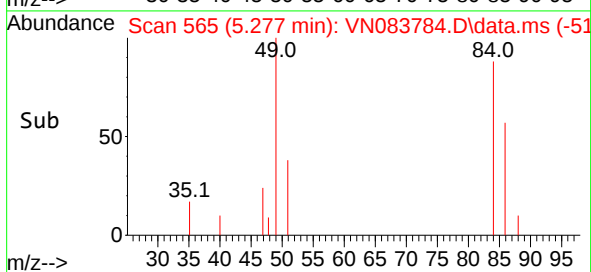
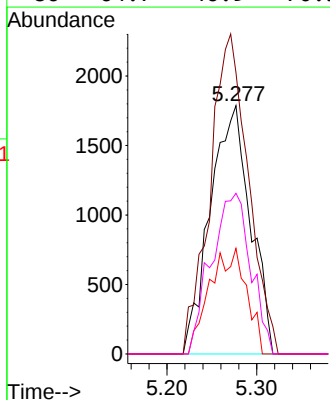
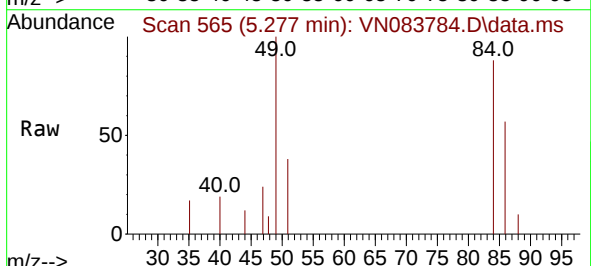
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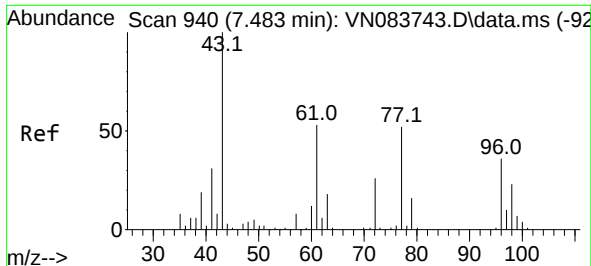
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#20
Methylene Chloride
Concen: 3.767 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

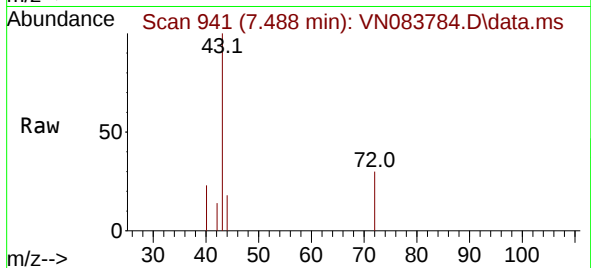
Tgt Ion: 84 Resp: 5568
Ion Ratio Lower Upper
84 100
49 113.3 93.4 140.0
51 42.5 29.2 43.8
86 64.7 46.9 70.3





#25
2-Butanone
Concen: 4.411 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

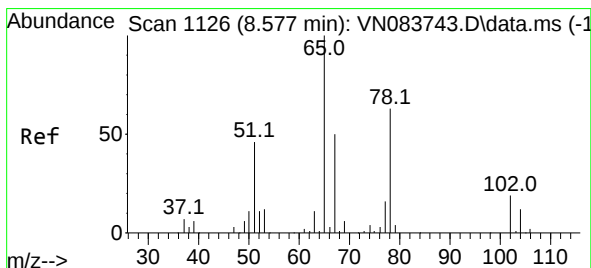
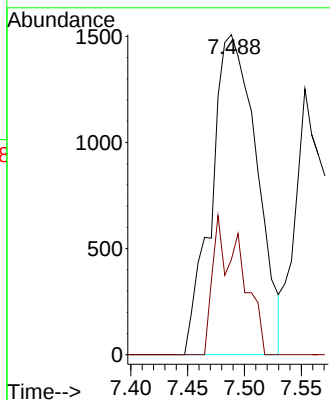
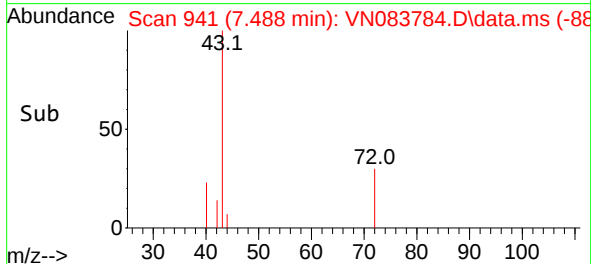
Instrument :
MSVOA_N
ClientSampleId :
ARS20-005



Tgt Ion: 43 Resp: 4188
Ion Ratio Lower Upper
43 100
72 29.6 20.8 31.2

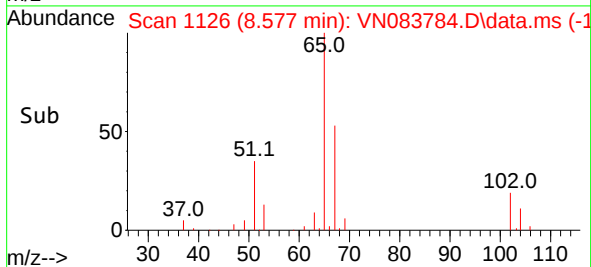
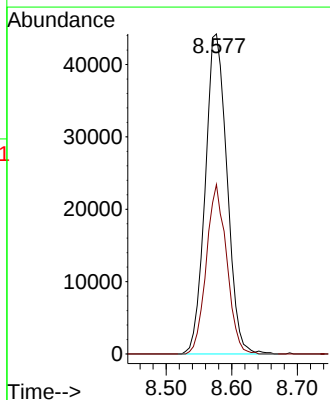
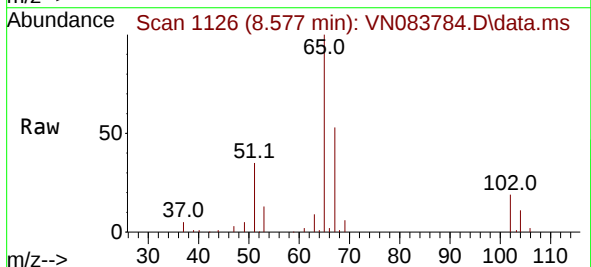
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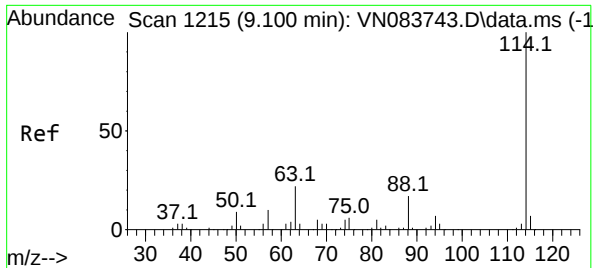
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#33
1,2-Dichloroethane-d4
Concen: 56.617 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

Tgt Ion: 65 Resp: 102024
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

Instrument :

MSVOA_N

ClientSampleId :

ARS20-005

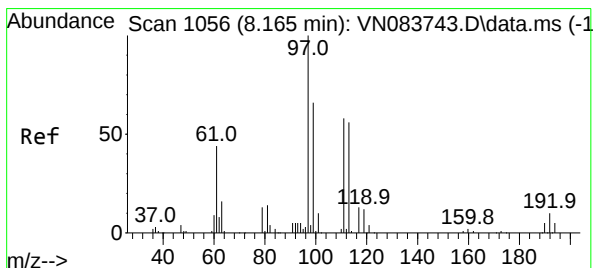
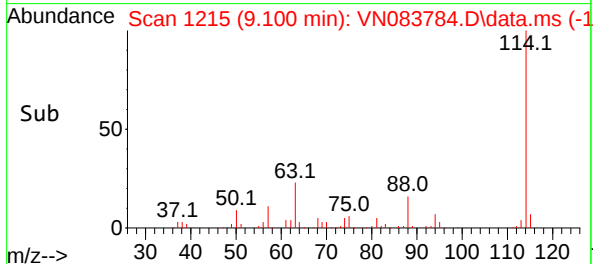
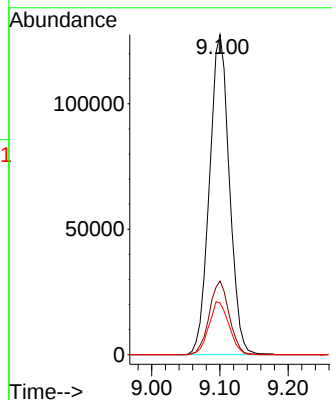
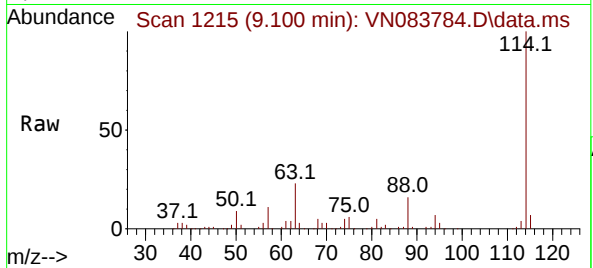
Tgt Ion:114 Resp: 26000
Ion Ratio Lower Upper
114 100
63 23.0 0.0 43.4
88 16.2 0.0 32.6

Manual Integrations

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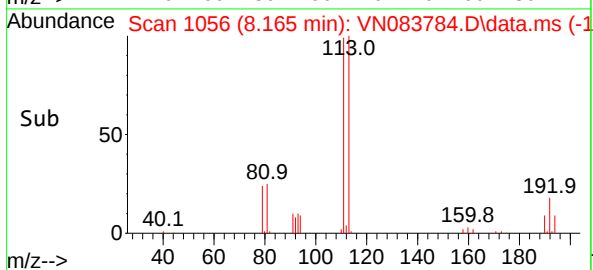
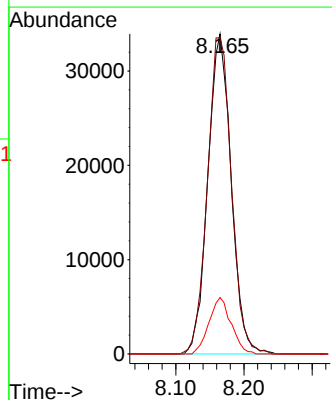
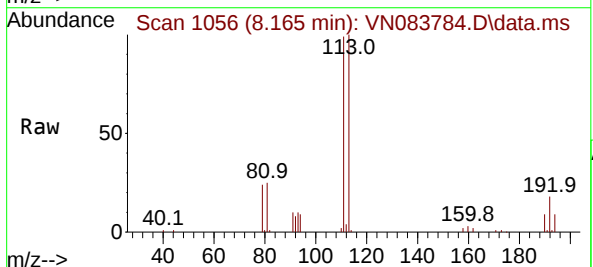
Reviewed By :John Carlone 09/11/2024

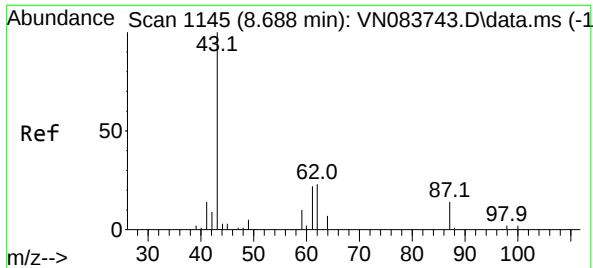
Supervised By :Semsettin Yesilyurt 09/11/2024



#35
Dibromofluoromethane
Concen: 48.561 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

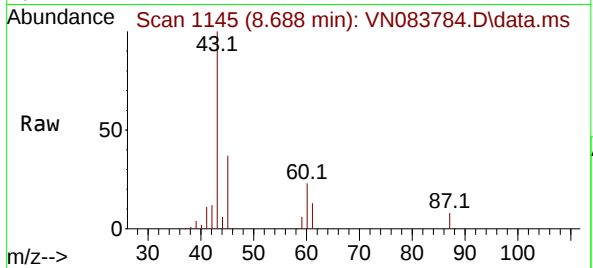
Tgt Ion:113 Resp: 80831
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 16.7 14.3 21.5





#43
Isopropyl Acetate
Concen: 66.176 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

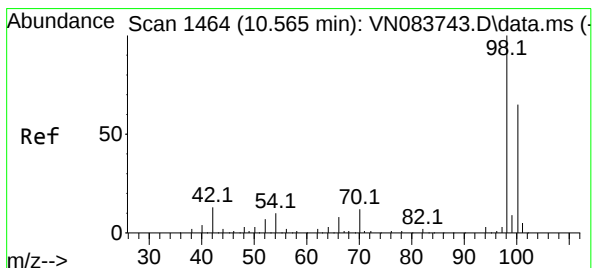
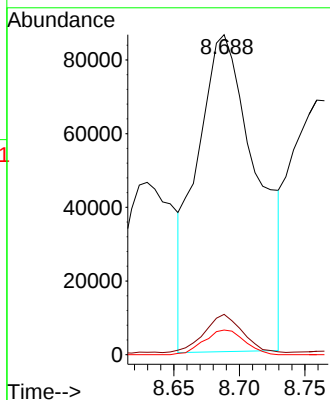
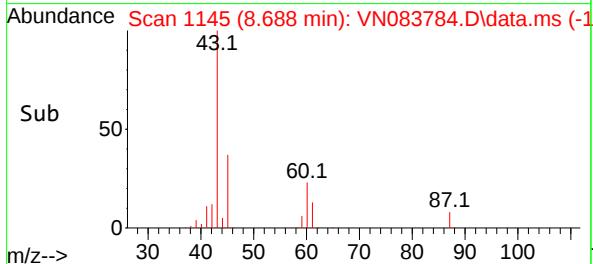
Instrument :
MSVOA_N
ClientSampleId :
ARS20-005



Tgt Ion: 43 Resp: 272712
Ion Ratio Lower Upper
43 100
61 7.9 19.4 29.0
87 5.3 9.8 14.6

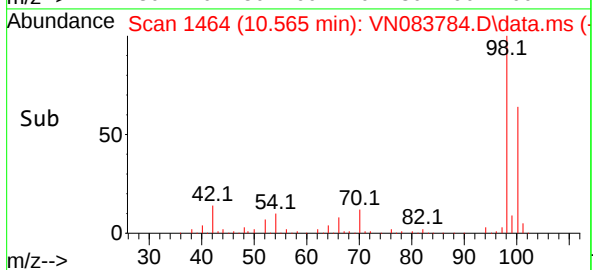
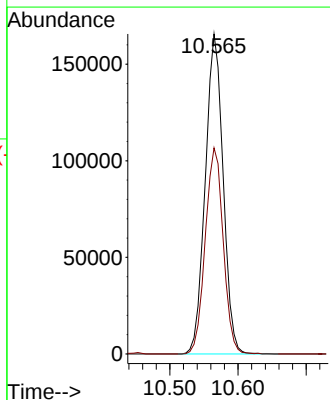
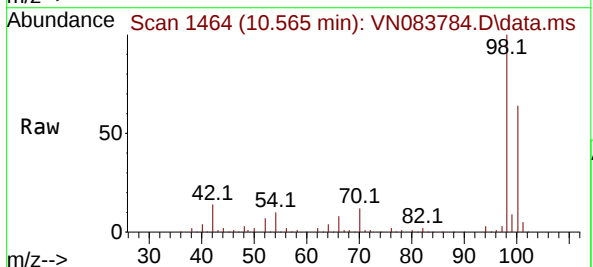
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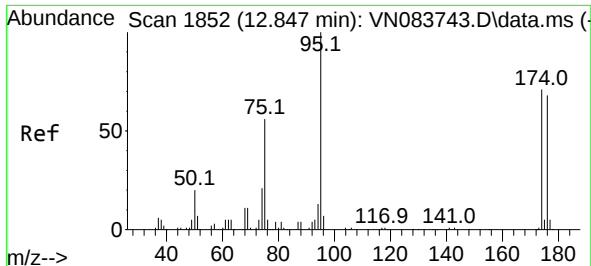
Reviewed By :John Carlone 09/11/2024
Supervised By :Semsettin Yesilyurt 09/11/2024



#50
Toluene-d8
Concen: 52.490 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

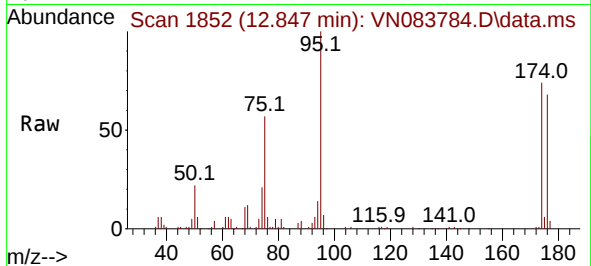
Tgt Ion: 98 Resp: 302044
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 58.239 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02

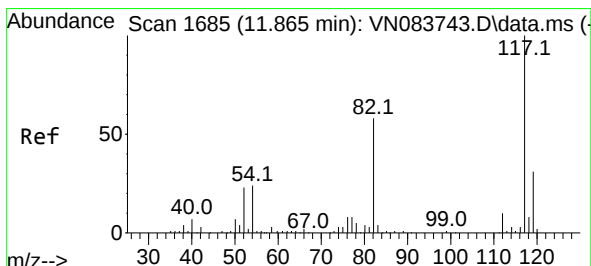
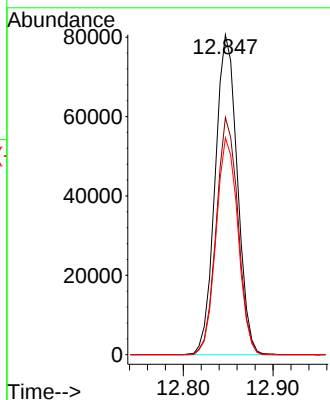
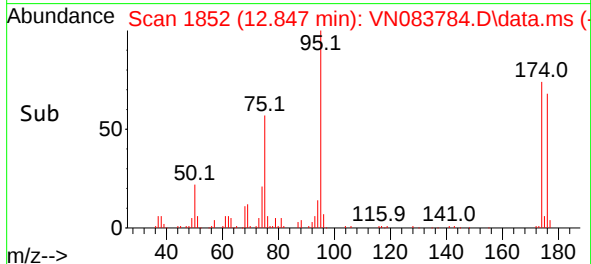
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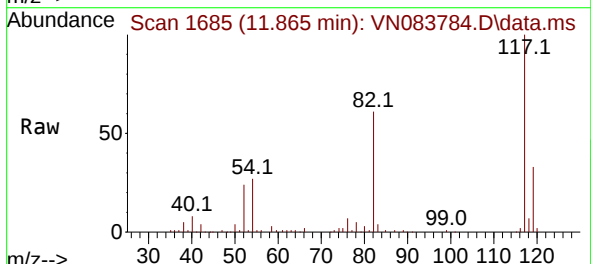
Tgt Ion: 95 Resp: 138268
Ion Ratio Lower Upper
95 100
174 72.9 0.0 139.8
176 66.9 0.0 131.4

Manual Integrations
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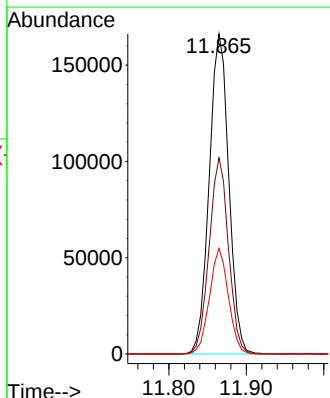
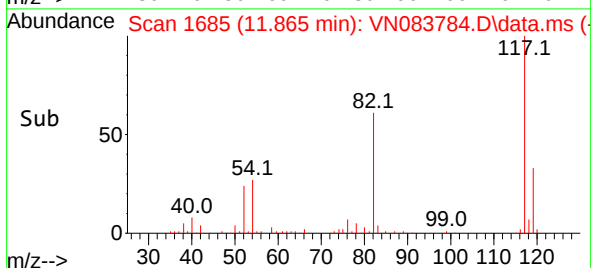
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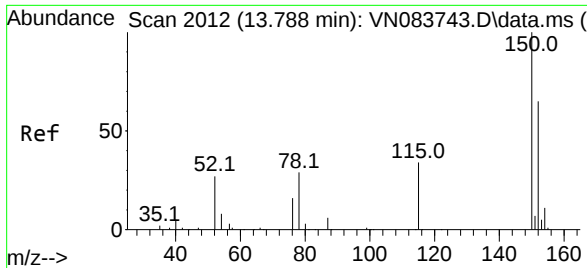


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083784.D
Acq: 11 Sep 2024 10:02



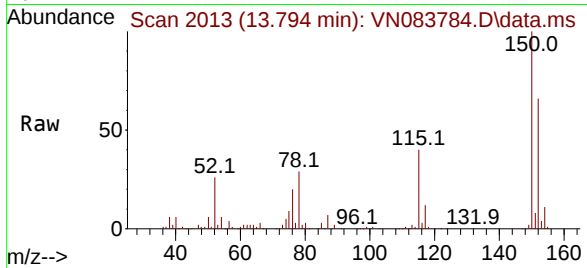
Tgt Ion:117 Resp: 292488
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.0
119 33.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083784.D
 Acq: 11 Sep 2024 10:02

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-005



Tgt Ion:152 Resp: 14285
 Ion Ratio Lower Upper
 152 100
 115 63.5 32.2 96.6
 150 156.6 0.0 348.6

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