

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
 Data File : VN084208.D
 Acq On : 27 Sep 2024 17:06
 Operator : JC\MD
 Sample : P4192-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-222

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 28 01:01:18 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125325	49.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.260%		
35) Dibromofluoromethane	8.171	113	94810	48.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.680%		
50) Toluene-d8	10.565	98	360325	53.695	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.380%		
62) 4-Bromofluorobenzene	12.847	95	121117	43.746	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.500%		
Target Compounds						
16) Acetone	4.436	43	29220	28.577	ug/l	98
20) Methylene Chloride	5.283	84	3540	1.692	ug/l #	86
43) Isopropyl Acetate	8.688	43	147820m	30.758	ug/l	
95) Naphthalene	15.641	128	13969	2.383	ug/l	100

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

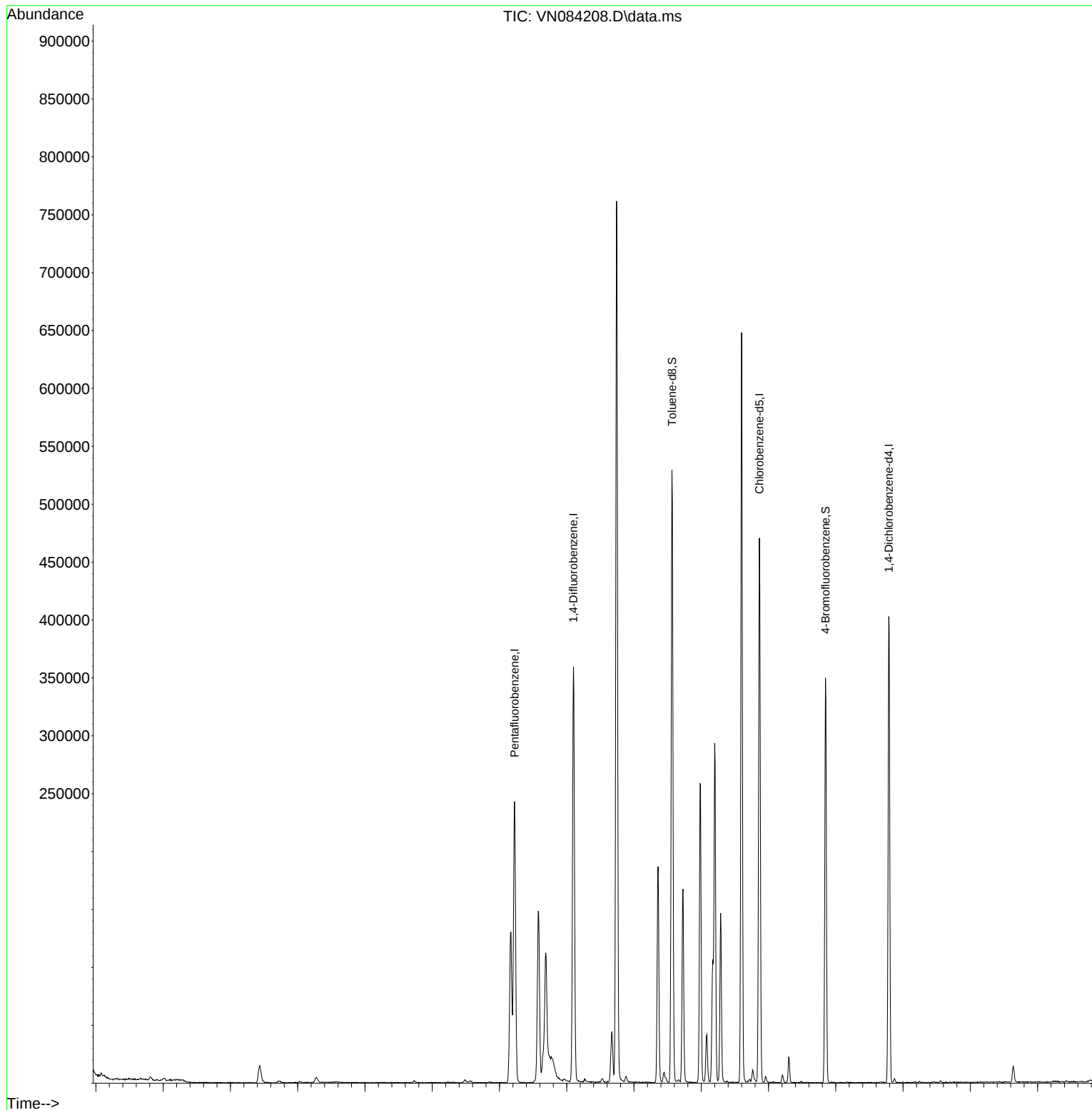
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
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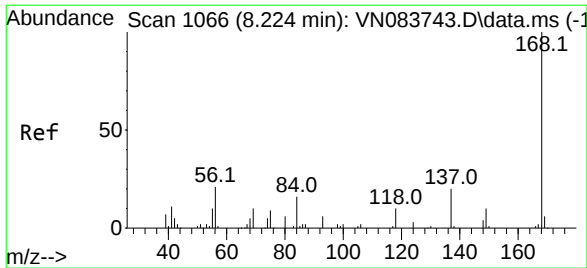
Instrument :
MSVOA_N
ClientSampleId :
VNJ-222

Quant Time: Sep 28 01:01:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
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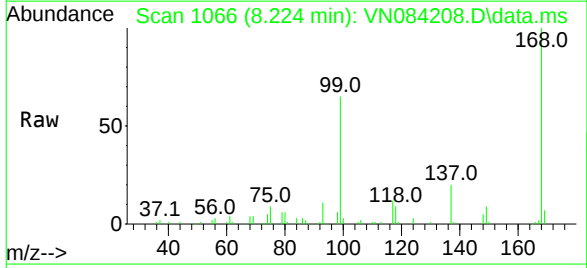
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

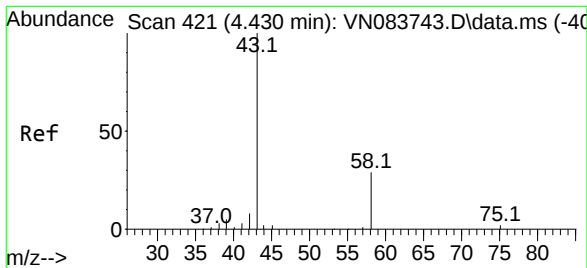
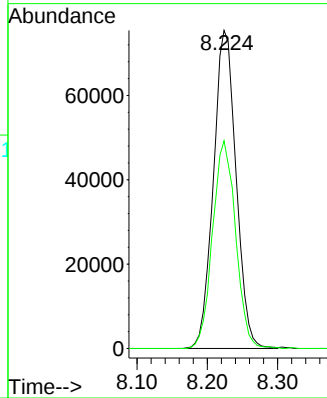
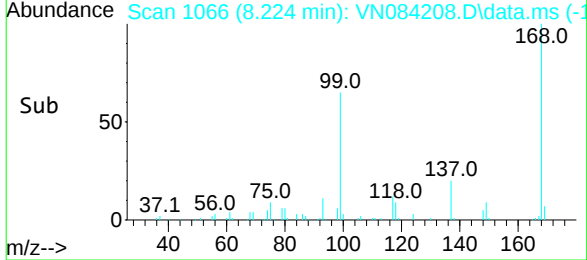
Instrument :
MSVOA_N
ClientSampleId :
VNJ-222



Tgt Ion:168 Resp: 169159
Ion Ratio Lower Upper
168 100
99 65.3 54.2 81.2

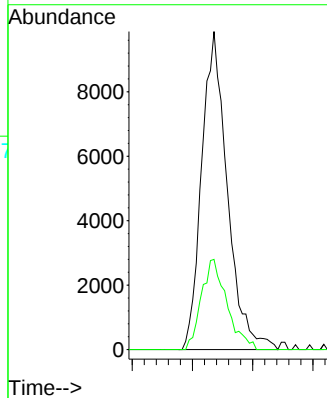
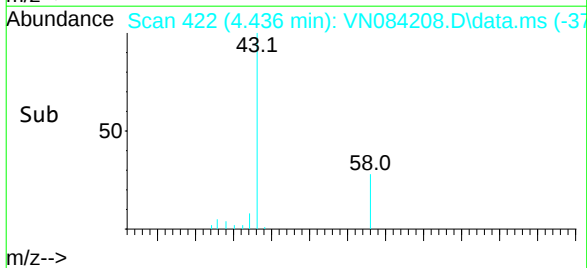
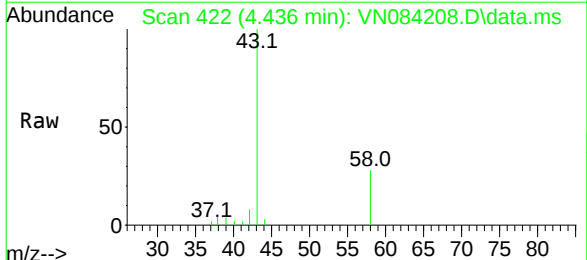
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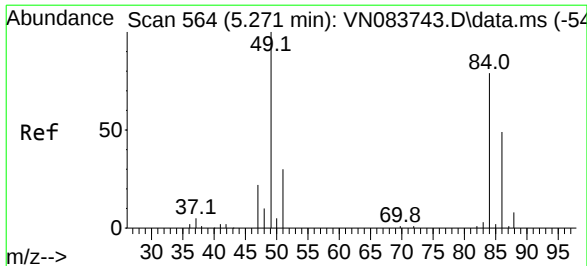
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#16
Acetone
Concen: 28.577 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

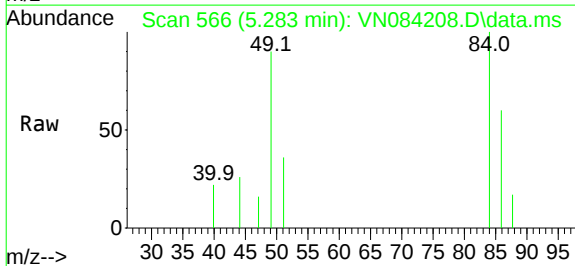
Tgt Ion: 43 Resp: 29220
Ion Ratio Lower Upper
43 100
58 28.4 23.7 35.5





#20
Methylene Chloride
Concen: 1.692 ug/l
RT: 5.283 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

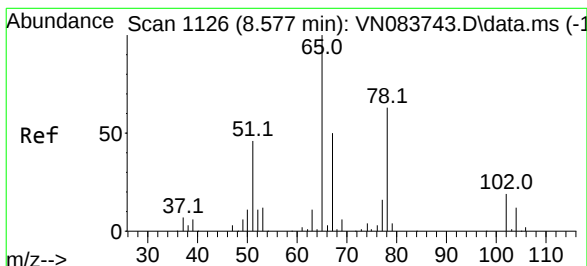
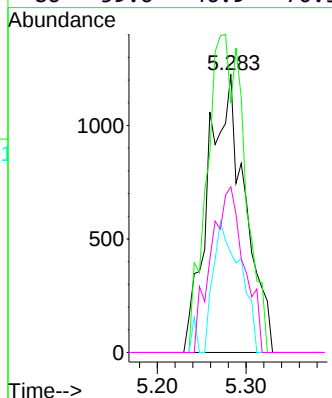
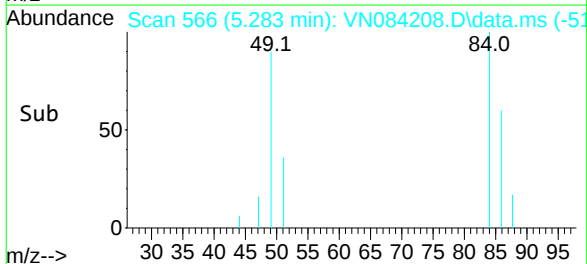
Instrument :
MSVOA_N
ClientSampleId :
VNJ-222



Tgt Ion	Ratio	Lower	Upper
84	100		
49	89.7	93.4	140.0
51	35.8	29.2	43.8
86	59.6	46.9	70.3

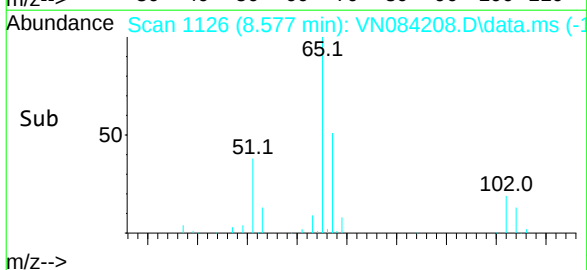
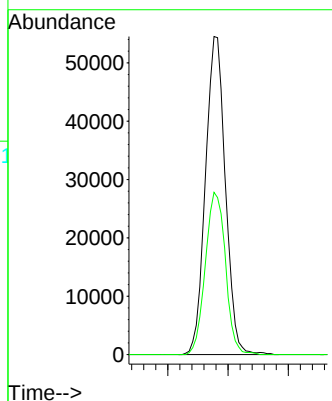
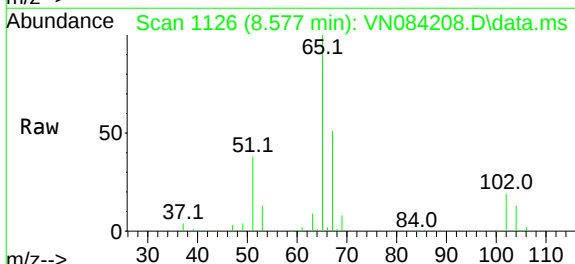
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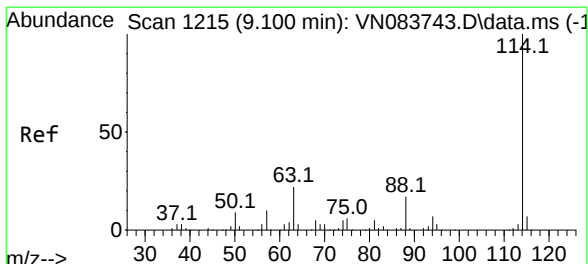
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#33
1,2-Dichloroethane-d4
Concen: 49.134 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

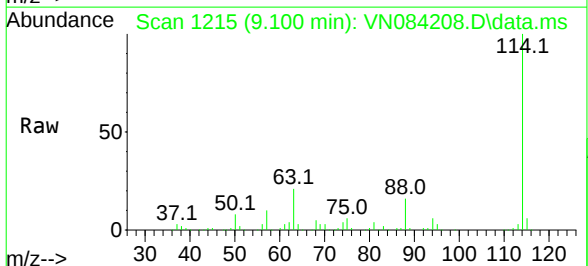
Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

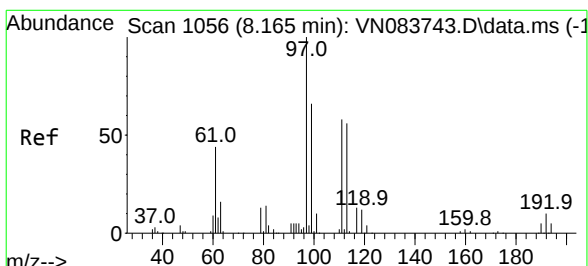
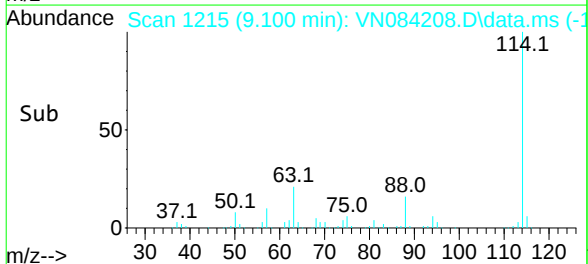
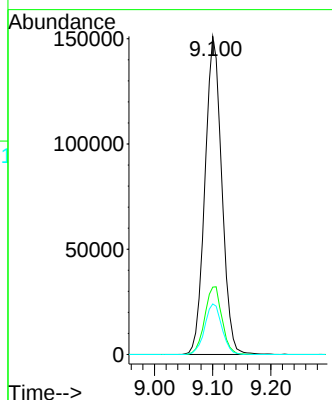
Instrument :
MSVOA_N
ClientSampleId :
VNJ-222



Tgt Ion:	114	Resp:	303215
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.4
88	15.9	0.0	32.6

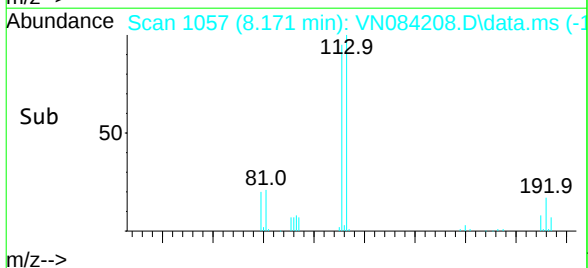
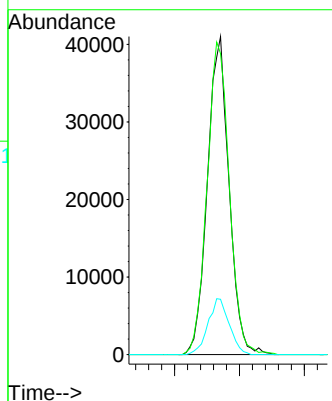
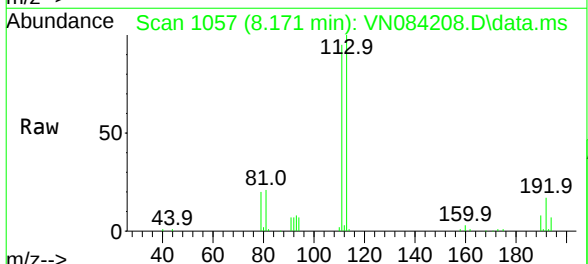
Manual Integrations
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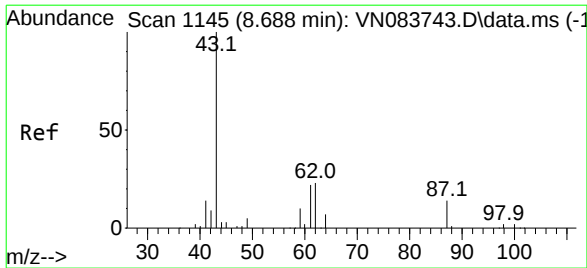
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#35
Dibromofluoromethane
Concen: 48.842 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Tgt Ion:	113	Resp:	94810
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	17.2	14.3	21.5





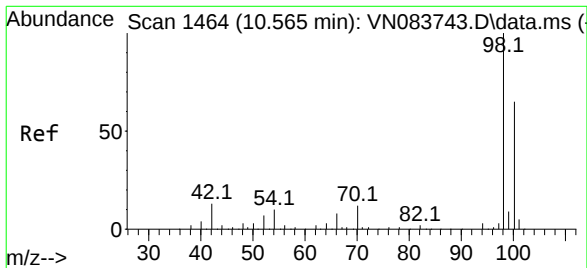
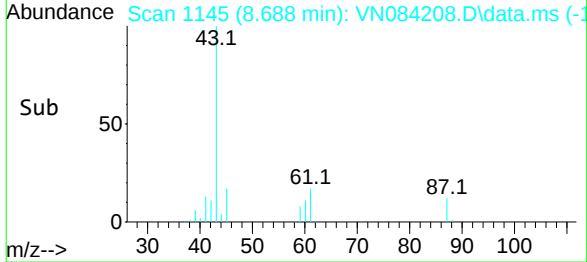
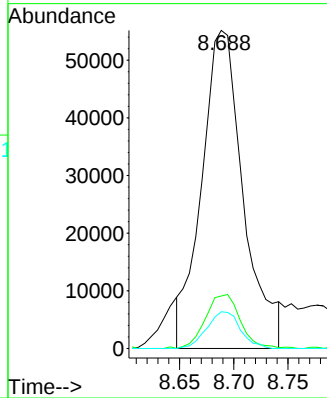
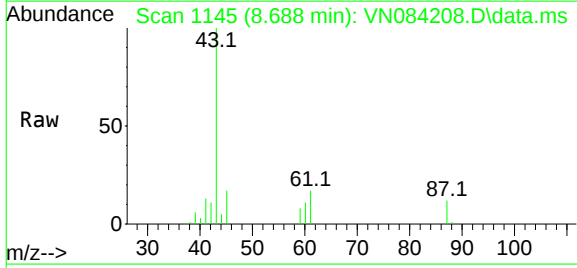
#43
Isopropyl Acetate
Concen: 30.758 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Instrument :
MSVOA_N
ClientSampleId :
VNJ-222

Tgt Ion: 43 Resp: 147820
Ion Ratio Lower Upper
43 100
61 14.2 19.4 29.0#
87 9.3 9.8 14.6#

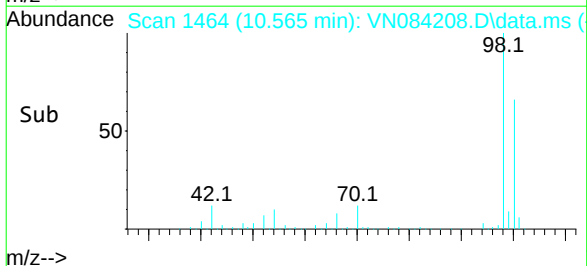
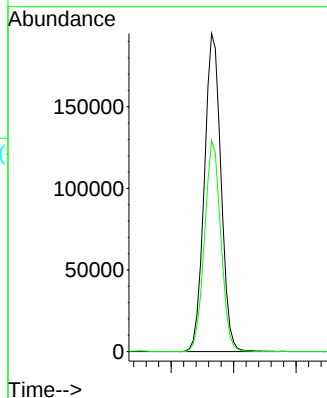
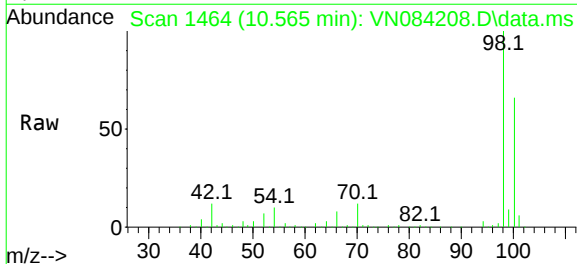
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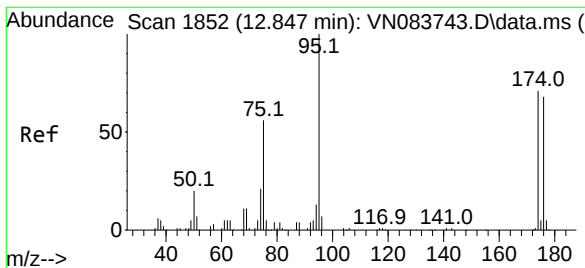
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#50
Toluene-d8
Concen: 53.695 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

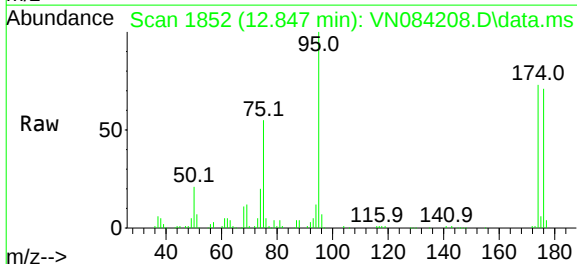
Tgt Ion: 98 Resp: 360325
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 43.746 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

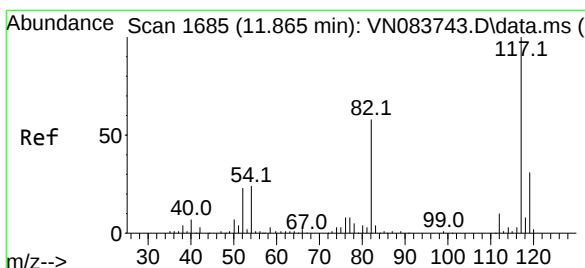
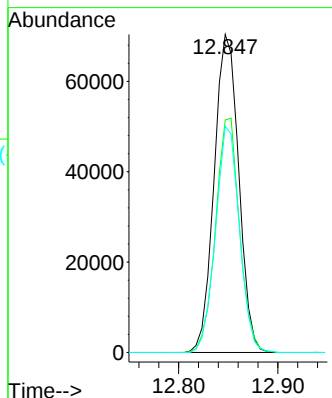
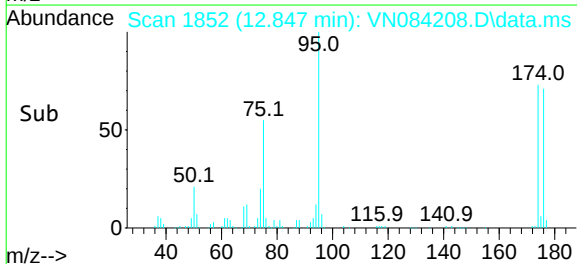
Instrument :
MSVOA_N
ClientSampleId :
VNJ-222



Tgt Ion: 95 Resp: 121117
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 69.0 0.0 131.4

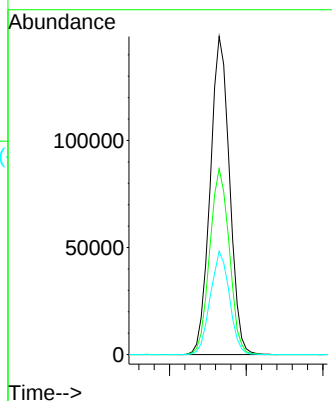
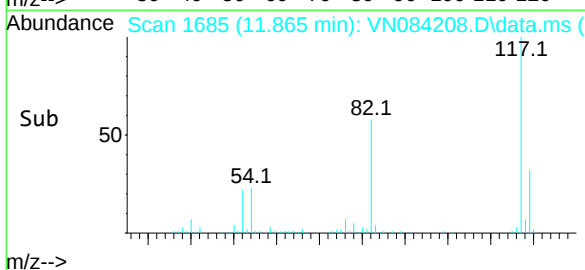
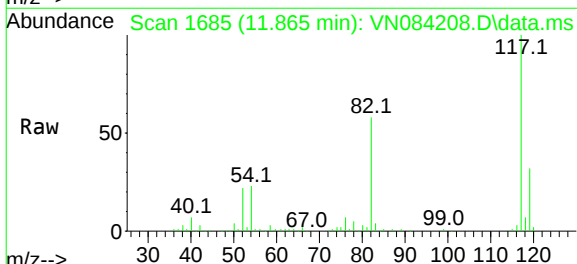
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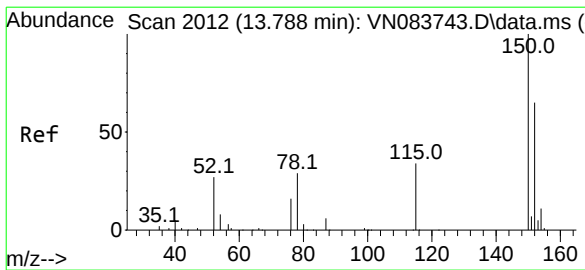
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084208.D
Acq: 27 Sep 2024 17:06

Tgt Ion:117 Resp: 260855
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084208.D

Acq: 27 Sep 2024 17:06

Instrument :

MSVOA_N

ClientSampleId :

VNJ-222

Tgt Ion:152 Resp: 105878

Ion Ratio Lower Upper

152 100

115 64.3 32.2 96.6

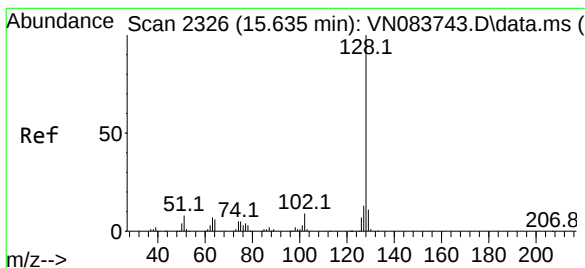
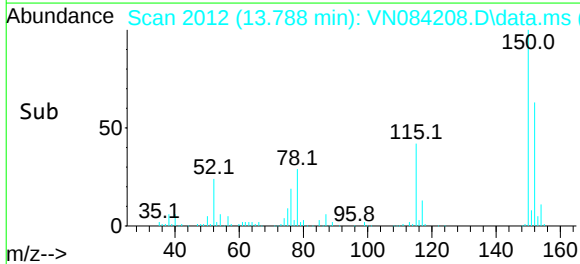
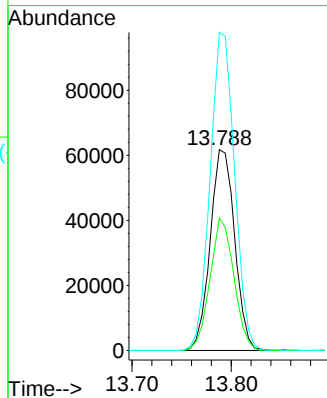
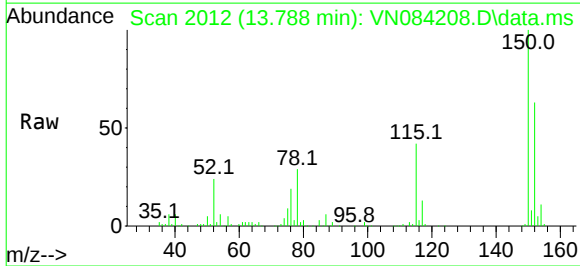
150 158.4 0.0 348.6

Manual Integrations

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#95

Naphthalene

Concen: 2.383 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084208.D

Acq: 27 Sep 2024 17:06

Tgt Ion:128 Resp: 13969

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.1 8.7 13.1

