

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
 Data File : VN084205.D
 Acq On : 27 Sep 2024 15:53
 Operator : JC\MD
 Sample : PB163689ZHE#2
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163689ZHE#2

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 01:00:30 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	195973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	344003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138279	46.795	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.580%		
35) Dibromofluoromethane	8.171	113	106762	48.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	10.565	98	411878	54.099	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.200%		
62) 4-Bromofluorobenzene	12.847	95	142430	45.344	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.680%		
Target Compounds						
16) Acetone	4.436	43	62341	52.627	ug/l	98
20) Methylene Chloride	5.283	84	8720	3.597	ug/l	94
25) 2-Butanone	7.488	43	9275	5.957	ug/l	92
43) Isopropyl Acetate	8.688	43	181663m	33.318	ug/l	
95) Naphthalene	15.641	128	285981	40.566	ug/l	98

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

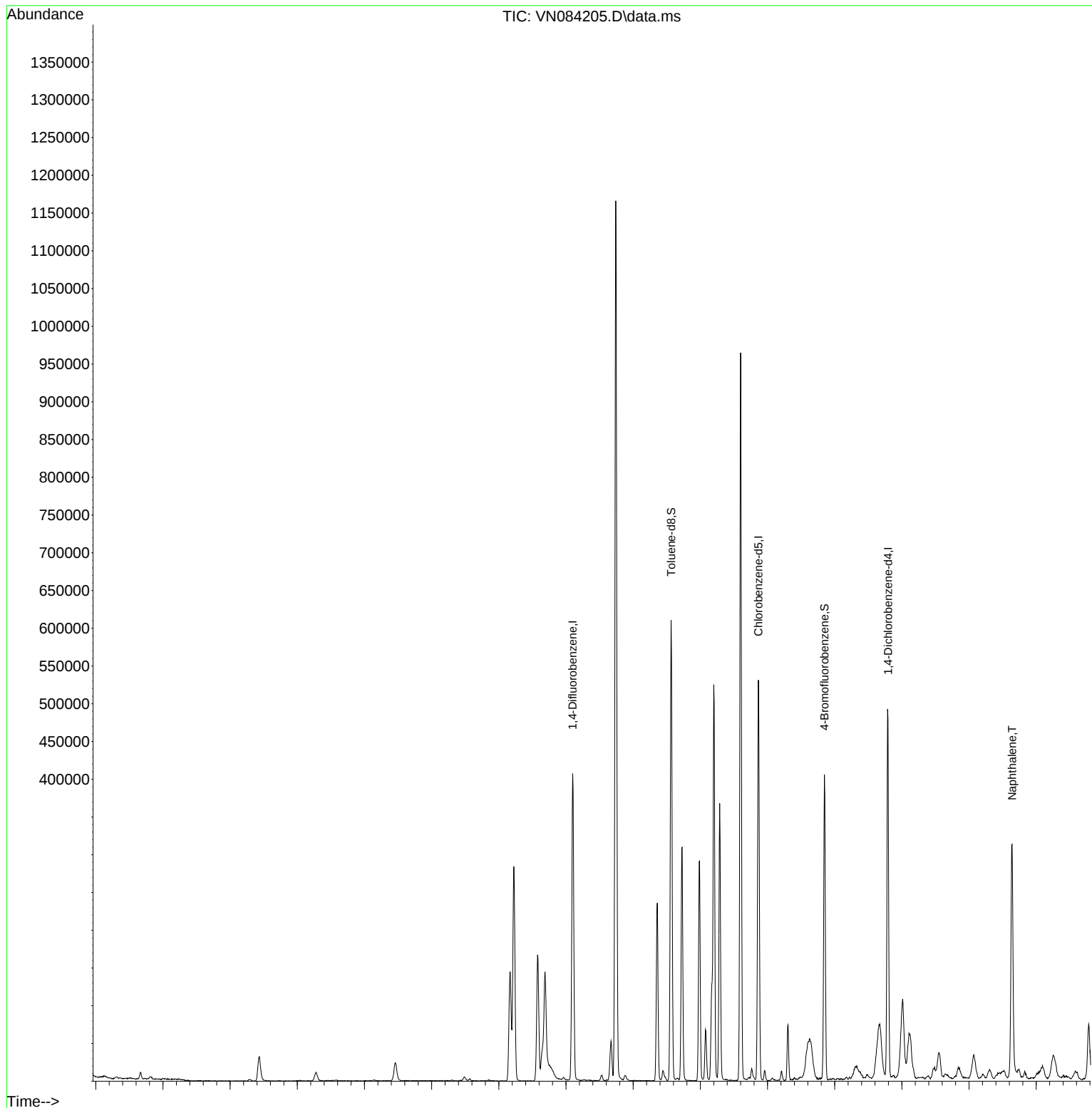
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
Data File : VN084205.D
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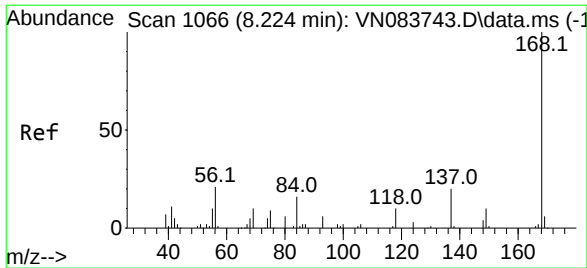
Instrument :
MSVOA_N
ClientSampleId :
PB163689ZHE#2

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Quant Time: Sep 28 01:00:30 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





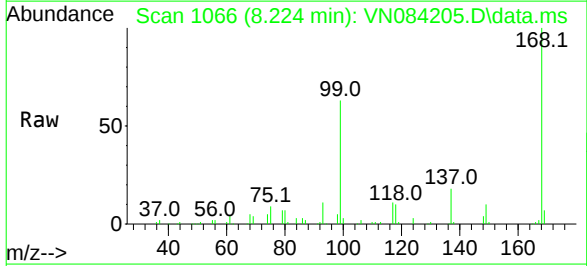
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084205.D
Acq: 27 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

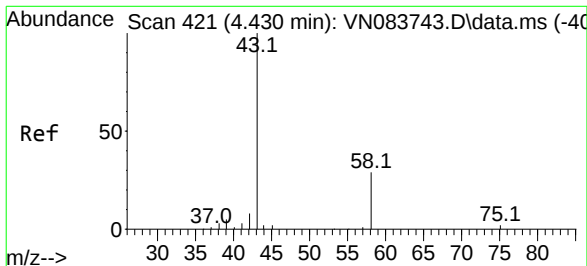
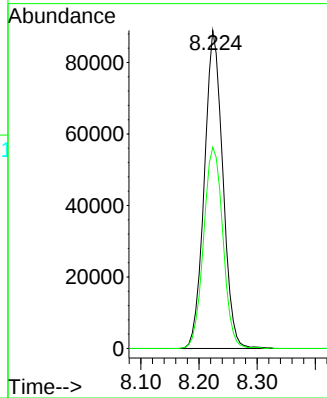
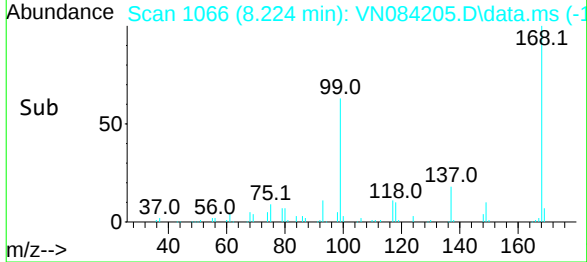
PB163689ZHE#2



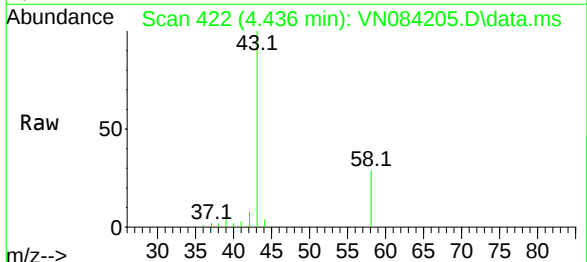
Tgt Ion:168 Resp: 195973
Ion Ratio Lower Upper
168 100
99 63.3 54.2 81.2

Manual Integrations
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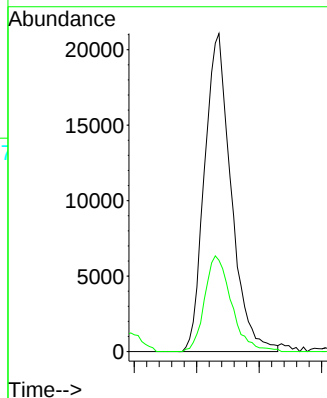
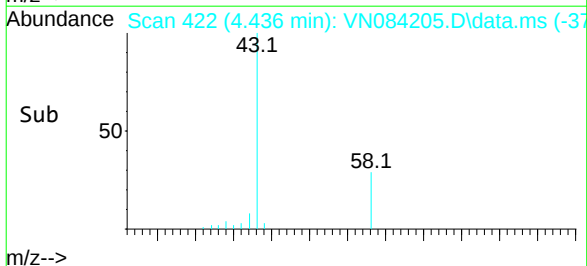
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Supervised By :Mahesh Dadoda 09/30/2024

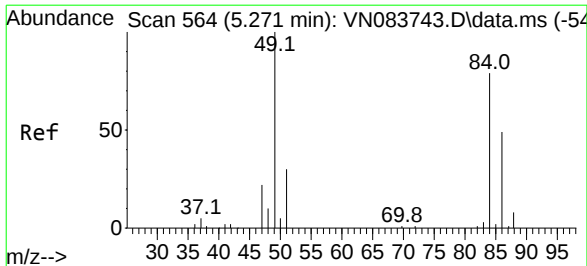


#16
Acetone
Concen: 52.627 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084205.D
Acq: 27 Sep 2024 15:53



Tgt Ion: 43 Resp: 62341
Ion Ratio Lower Upper
43 100
58 28.7 23.7 35.5





#20

Methylene Chloride

Concen: 3.597 ug/l

RT: 5.283 min Scan# 564

Delta R.T. 0.012 min

Lab File: VN084205.D

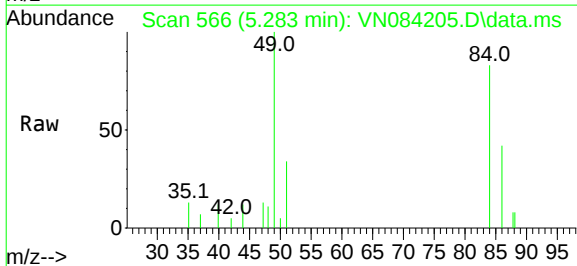
Acq: 27 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

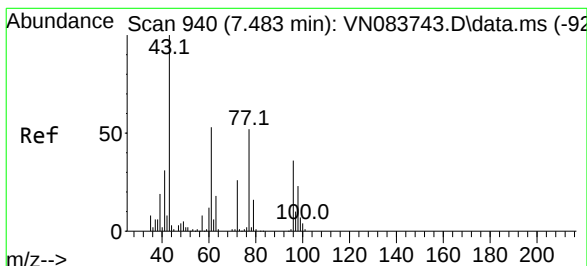
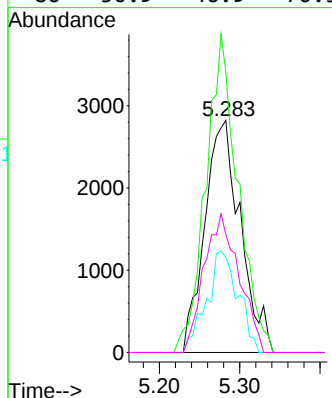
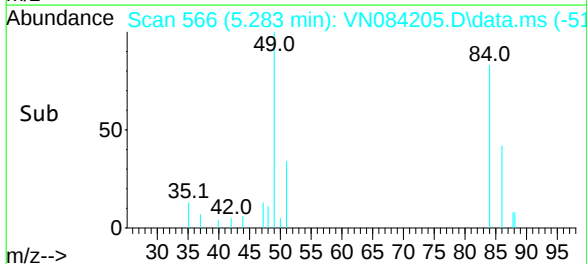
PB163689ZHE#2



Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	93.4	140.0
51	40.9	29.2	43.8
86	50.9	46.9	70.3

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#25

2-Butanone

Concen: 5.957 ug/l

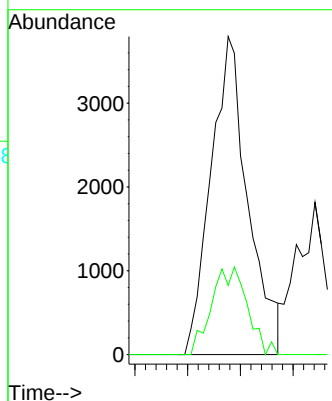
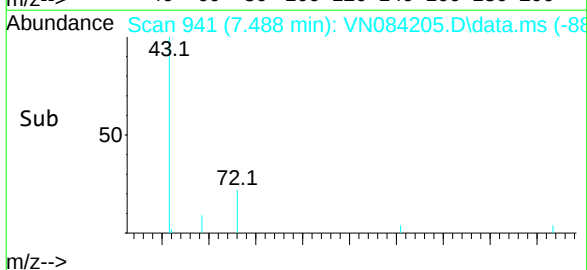
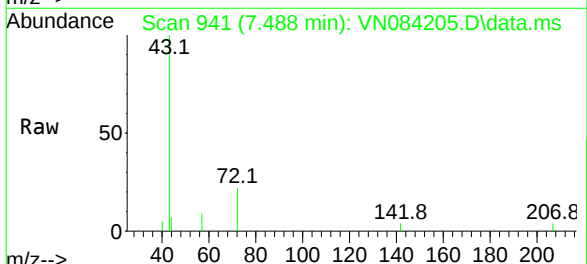
RT: 7.488 min Scan# 941

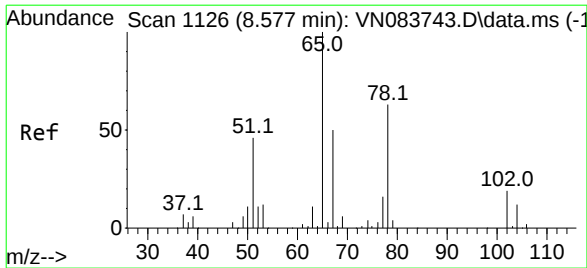
Delta R.T. 0.006 min

Lab File: VN084205.D

Acq: 27 Sep 2024 15:53

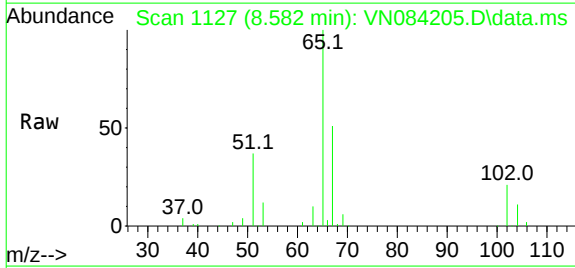
Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.8	20.8	31.2





#33
1,2-Dichloroethane-d4
Concen: 46.795 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084205.D
Acq: 27 Sep 2024 15:53

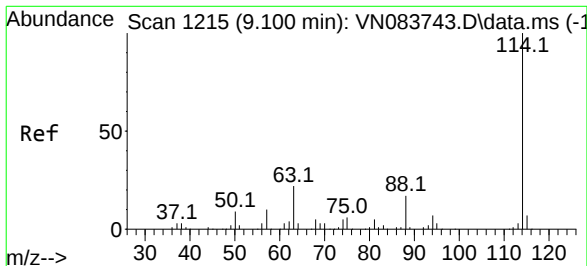
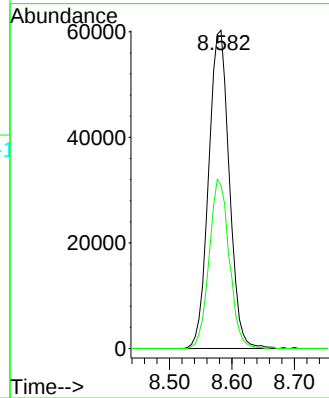
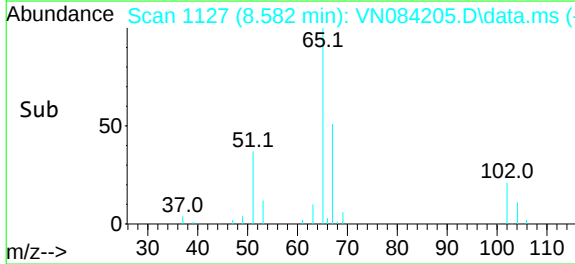
Instrument :
MSVOA_N
ClientSampleId :
PB163689ZHE#2



Tgt Ion: 65 Resp: 138279
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

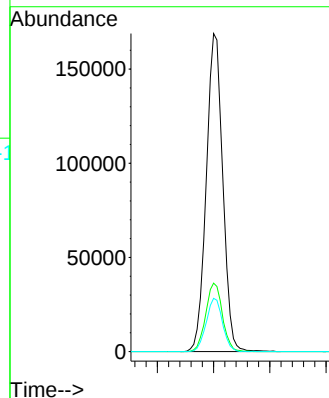
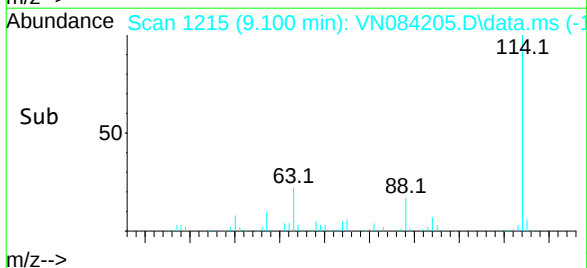
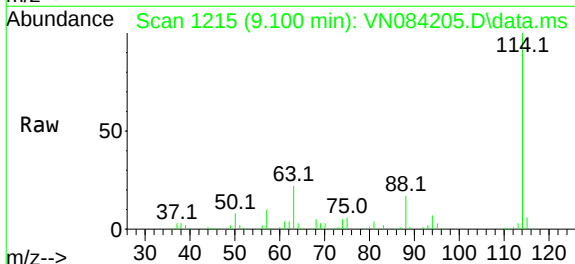
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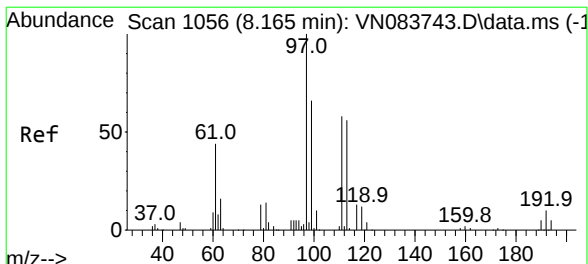
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084205.D
Acq: 27 Sep 2024 15:53

Tgt Ion:114 Resp: 344003
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.4
88 16.7 0.0 32.6





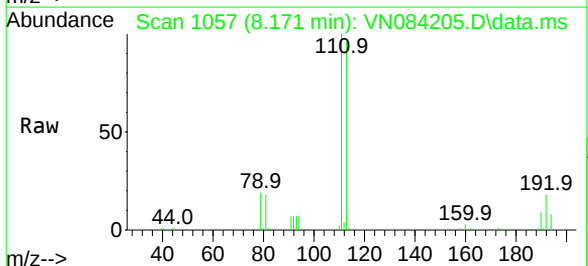
#35
 Dibromofluoromethane
 Concen: 48.478 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN084205.D
 Acq: 27 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

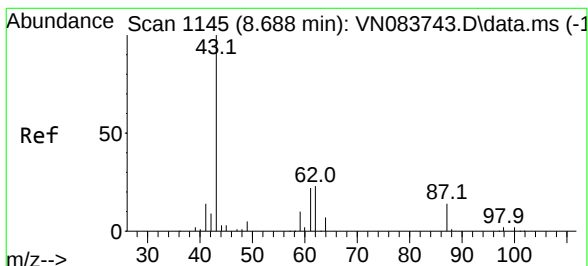
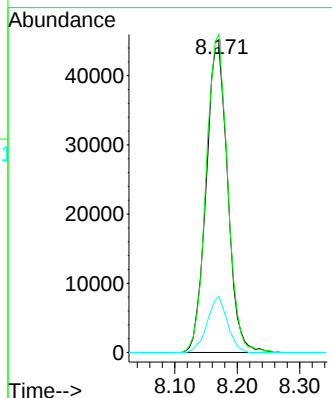
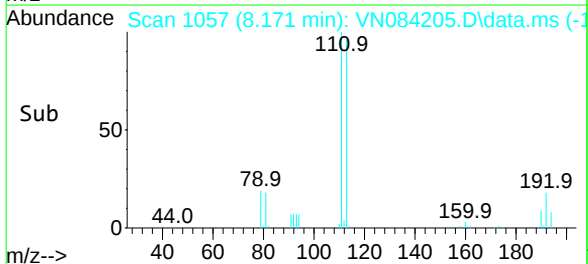
PB163689ZHE#2



Tgt Ion:	113	Resp:	106762
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	17.0	14.3	21.5

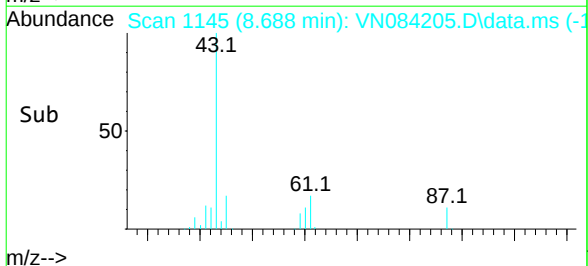
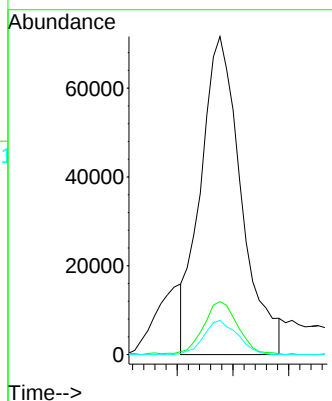
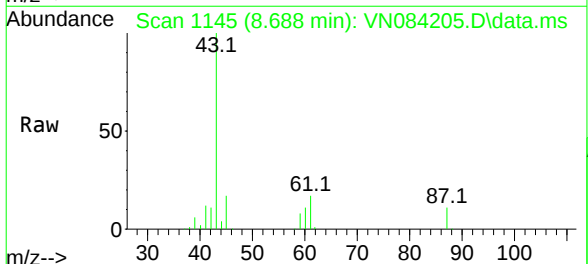
Manual Integrations
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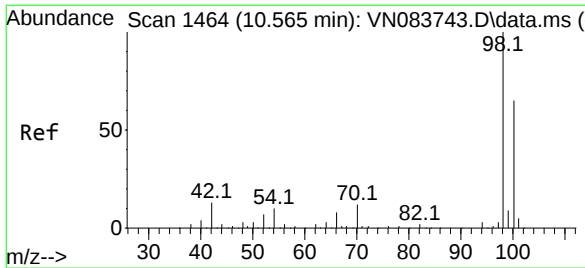
Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024



#43
 Isopropyl Acetate
 Concen: 33.318 ug/l m
 RT: 8.688 min Scan# 1145
 Delta R.T. -0.000 min
 Lab File: VN084205.D
 Acq: 27 Sep 2024 15:53

Tgt Ion:	43	Resp:	181663
Ion	Ratio	Lower	Upper
43	100		
61	14.2	19.4	29.0#
87	8.9	9.8	14.6#





#50

Toluene-d8

Concen: 54.099 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084205.D

Acq: 27 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

PB163689ZHE#2

Tgt Ion: 98 Resp: 411878

Ion Ratio Lower Upper

98 100

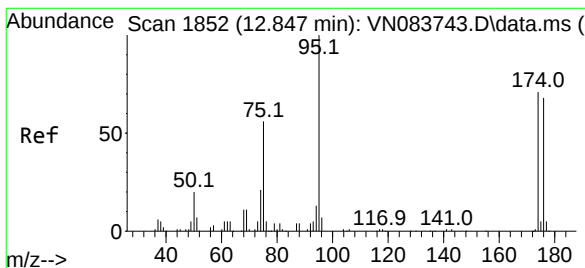
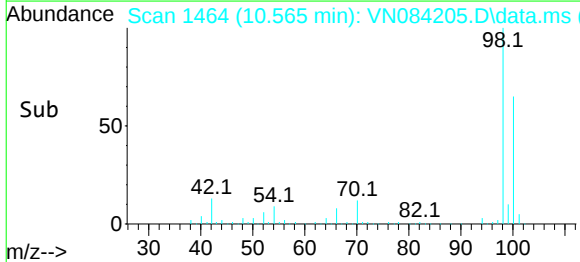
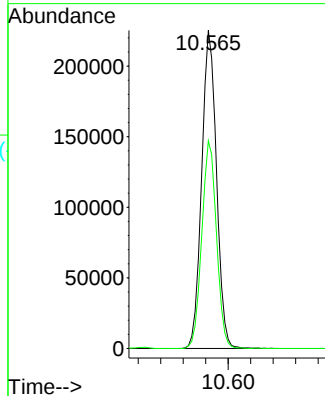
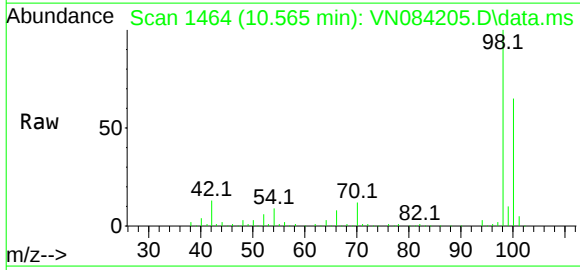
100 64.7 52.0 78.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.344 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084205.D

Acq: 27 Sep 2024 15:53

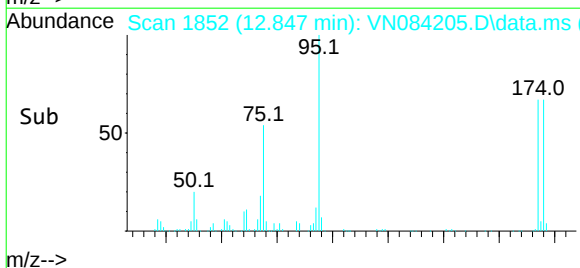
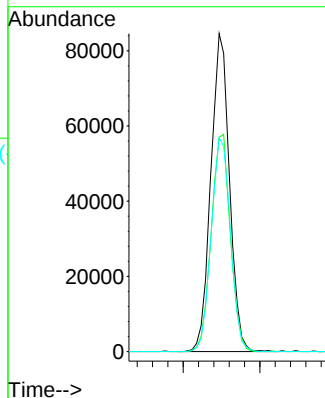
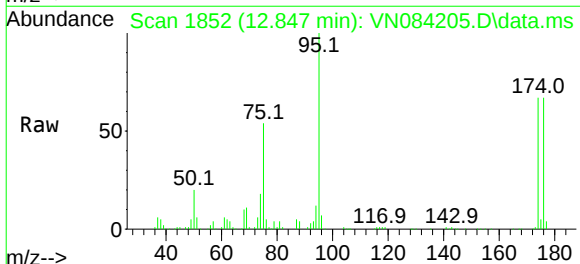
Tgt Ion: 95 Resp: 142430

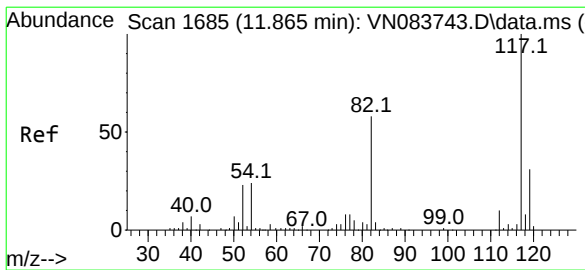
Ion Ratio Lower Upper

95 100

174 70.1 0.0 139.8

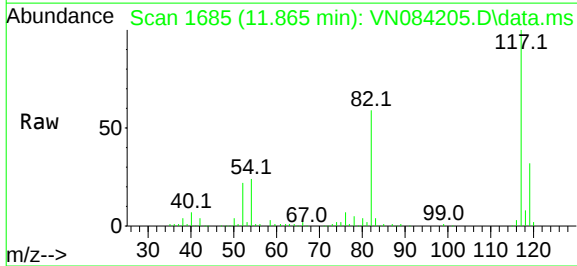
176 69.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN084205.D
Acq: 27 Sep 2024 15:53

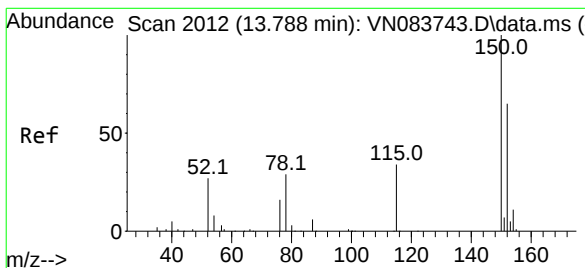
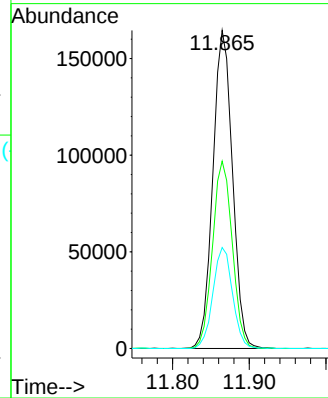
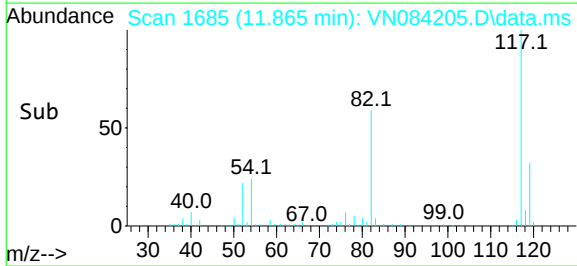
Instrument :
MSVOA_N
ClientSampleId :
PB163689ZHE#2



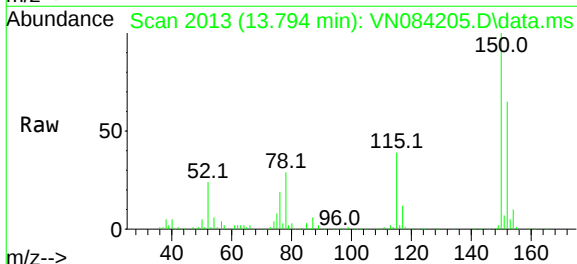
Tgt Ion:117 Resp: 292277
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 31.7 26.3 39.5

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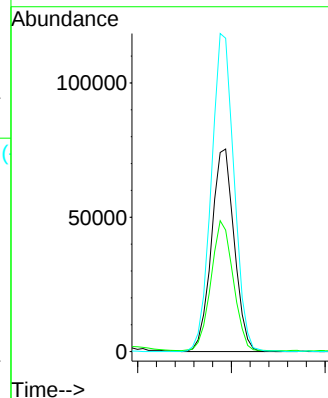
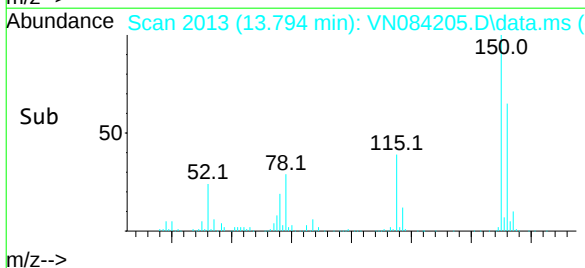
Reviewed By :Semsettin Yesilyurt 09/30/2024
Supervised By :Mahesh Dadoda 09/30/2024

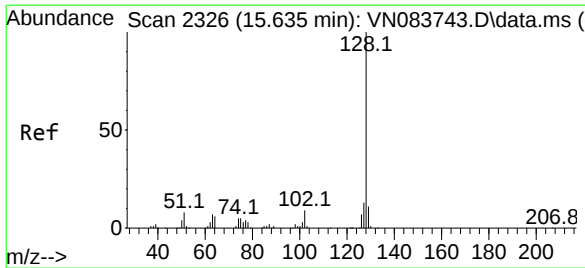


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084205.D
Acq: 27 Sep 2024 15:53



Tgt Ion:152 Resp: 127305
Ion Ratio Lower Upper
152 100
115 62.6 32.2 96.6
150 156.7 0.0 348.6





#95
Naphthalene
Concen: 40.566 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084205.D
Acq: 27 Sep 2024 15:53

Instrument :
MSVOA_N
ClientSampleId :
PB163689ZHE#2

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.7	8.7	13.1

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