

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080939.D
 Acq On : 07 Feb 2024 16:27
 Operator : JC\MD
 Sample : PB158850ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158850ZHE#03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2024
 Supervised By : Semsettin Yesilyurt 02/08/2024

Quant Time: Feb 08 00:27:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	265496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	708369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	308432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	195756	58.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.900%			
35) Dibromofluoromethane	8.165	113	180552	58.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.440%			
50) Toluene-d8	10.571	98	705594	63.442	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 126.880%#			
62) 4-Bromofluorobenzene	12.853	95	298303	73.832	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 147.660%#			
Target Compounds					Qvalue	
16) Acetone	4.424	43	31475	28.564	ug/l	92
20) Methylene Chloride	5.289	84	22581m	6.764	ug/l	
25) 2-Butanone	7.488	43	10396	5.878	ug/l	96
37) Ethyl Acetate	7.559	43	9743	2.815	ug/l #	94
43) Isopropyl Acetate	8.688	43	229912	36.123	ug/l #	91

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

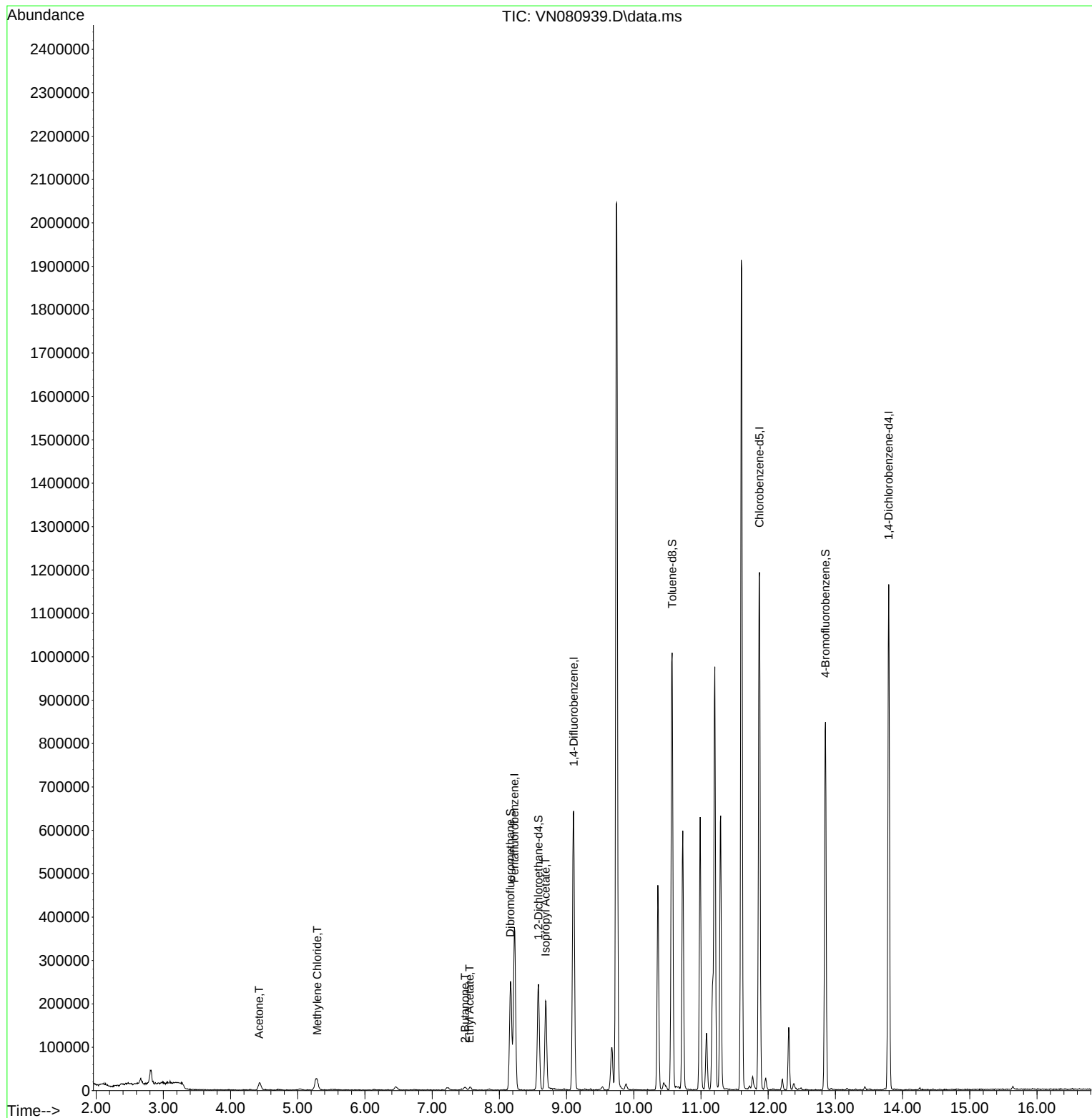
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
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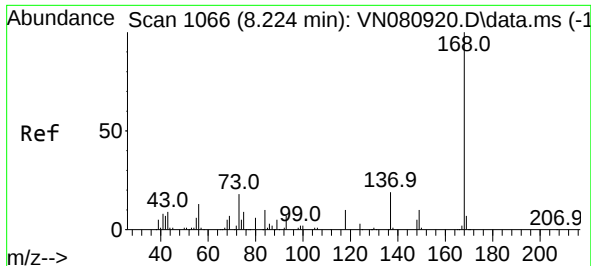
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Feb 08 00:27:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

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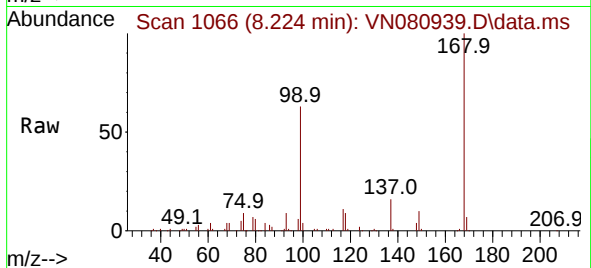
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27

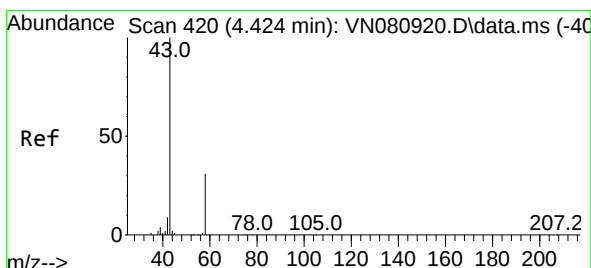
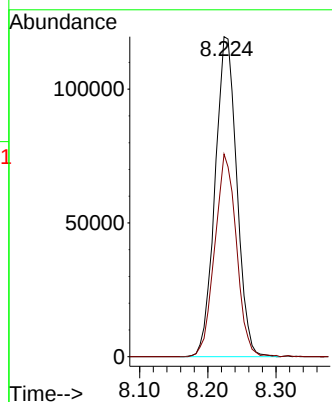
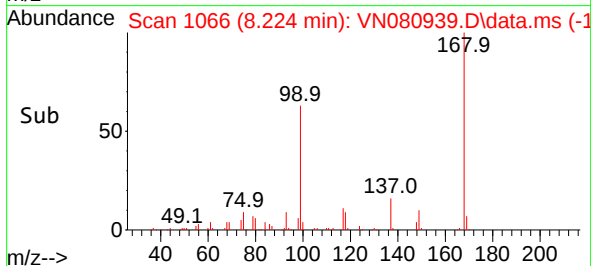
Instrument :
MSVOA_N
ClientSampleId :
PB158850ZHE#03



Tgt Ion:168 Resp: 265490
Ion Ratio Lower Upper
168 100
99 63.3 59.9 89.9

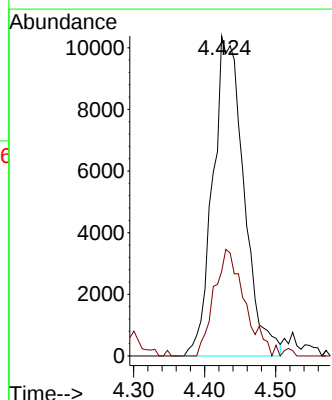
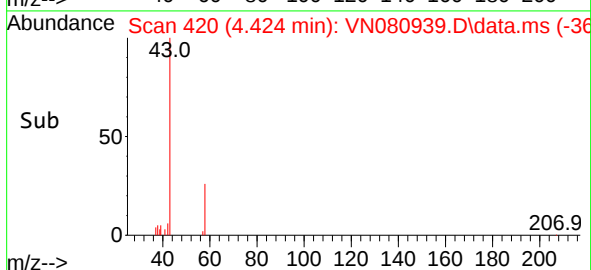
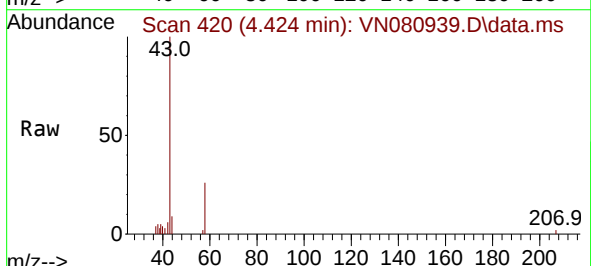
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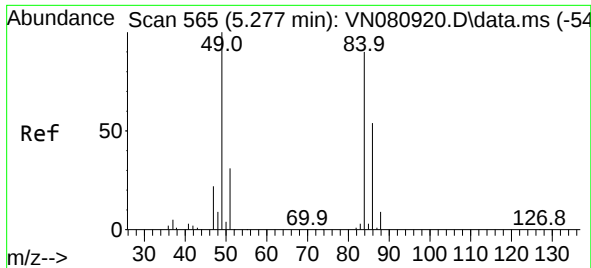
Reviewed By :John Carlone 02/08/2024
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#16
Acetone
Concen: 28.564 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27

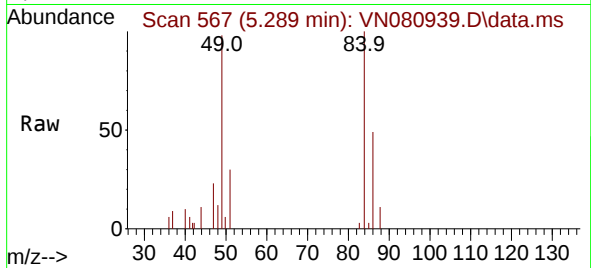
Tgt Ion: 43 Resp: 31475
Ion Ratio Lower Upper
43 100
58 26.4 24.8 37.2





#20
Methylene Chloride
Concen: 6.764 ug/l m
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27

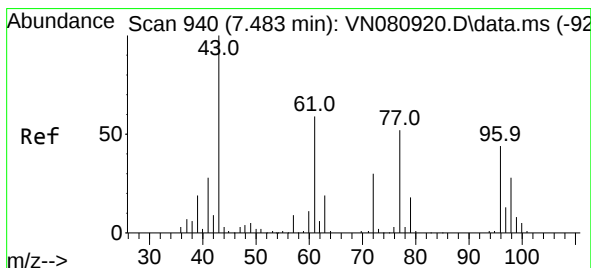
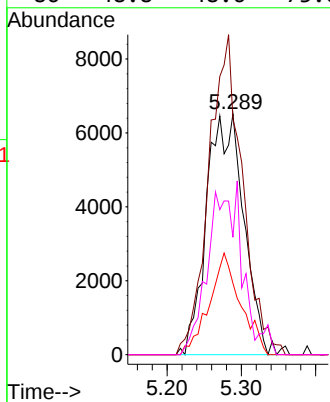
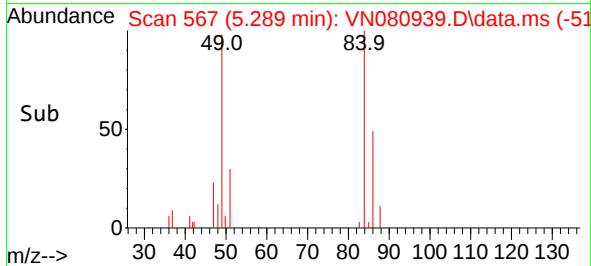
Instrument :
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ClientSampleId :
PB158850ZHE#03



Tgt Ion: 84 Resp: 2258
Ion Ratio Lower Upper
84 100
49 97.9 108.1 162.1
51 29.7 32.9 49.3
86 48.8 48.6 73.0

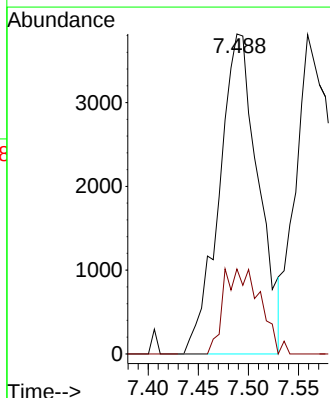
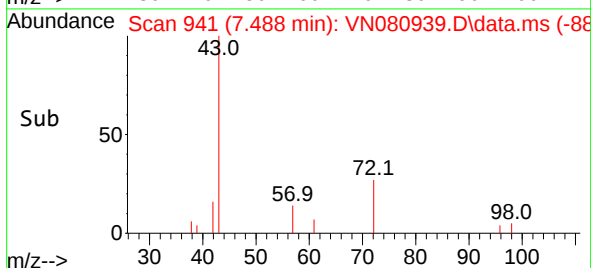
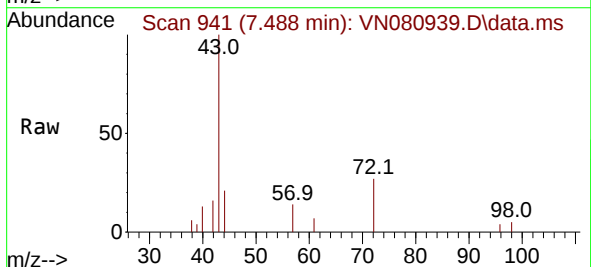
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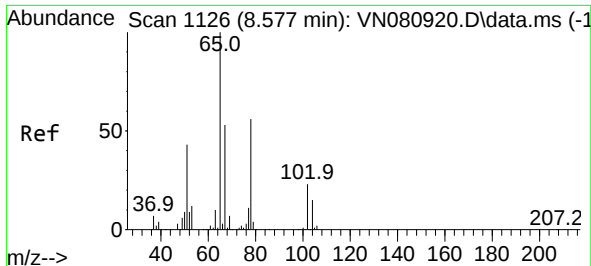
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#25
2-Butanone
Concen: 5.878 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27

Tgt Ion: 43 Resp: 10396
Ion Ratio Lower Upper
43 100
72 26.6 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 58.448 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080939.D

Acq: 07 Feb 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

PB158850ZHE#03

Tgt Ion: 65 Resp: 195750

Ion Ratio Lower Upper

65 100

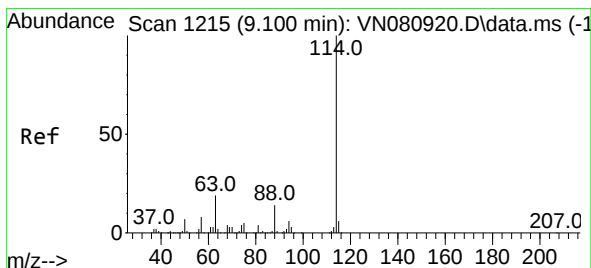
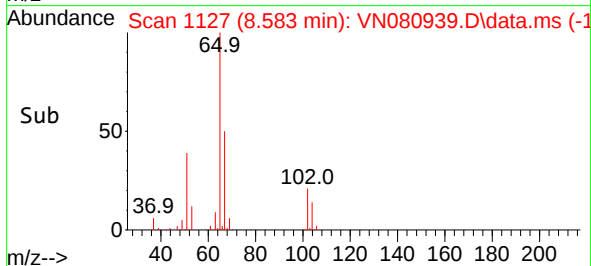
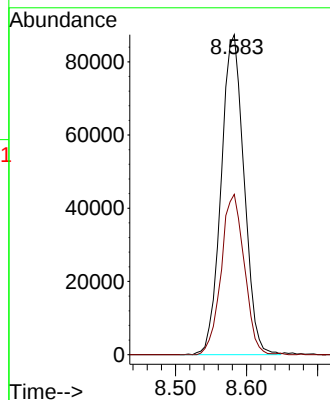
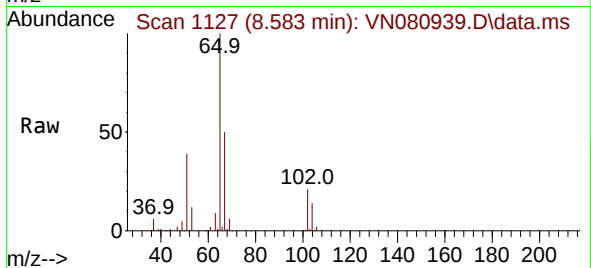
67 50.5 0.0 102.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080939.D

Acq: 07 Feb 2024 16:27

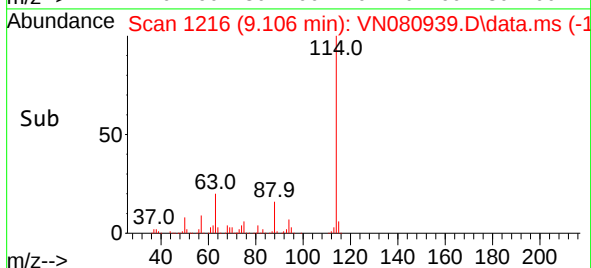
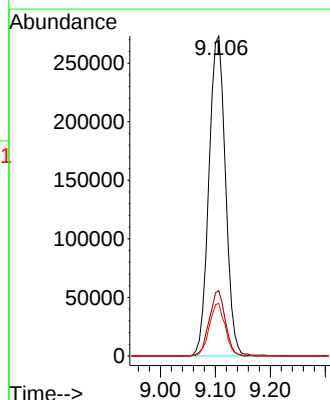
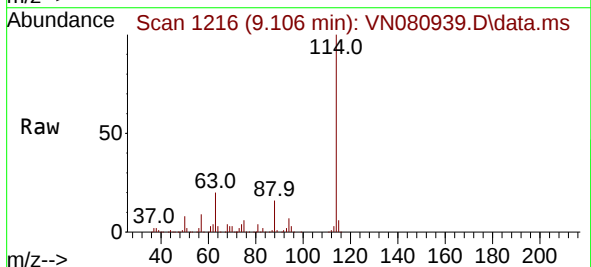
Tgt Ion:114 Resp: 573018

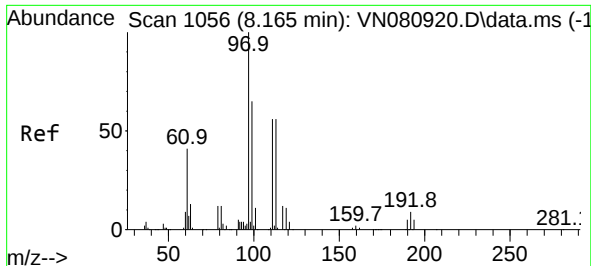
Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

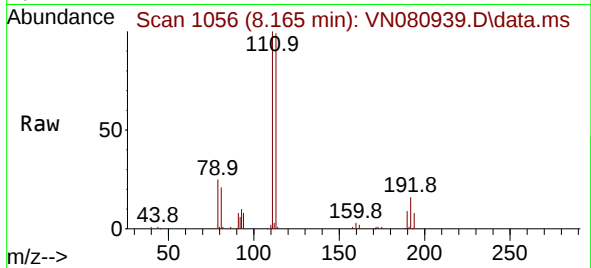
88 16.5 0.0 34.8





#35
Dibromofluoromethane
Concen: 58.720 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27

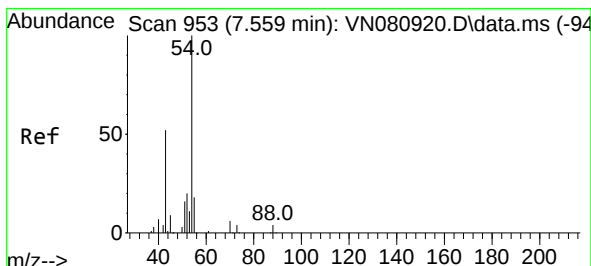
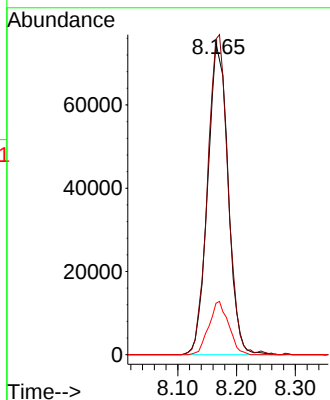
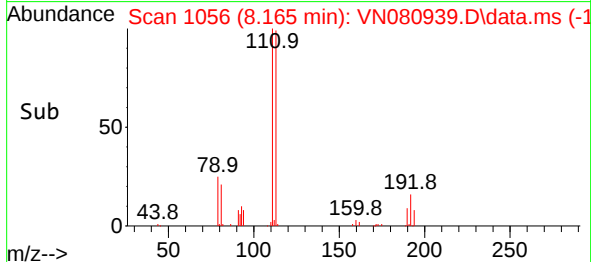
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PB158850ZHE#03



Tgt Ion:113 Resp: 180552
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.5 12.5 18.7

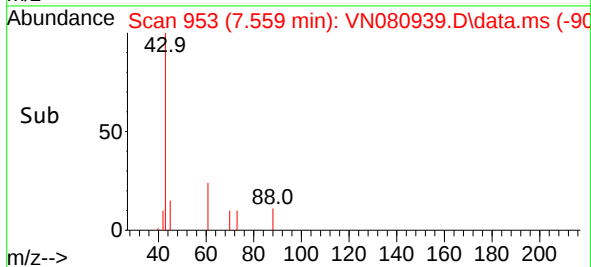
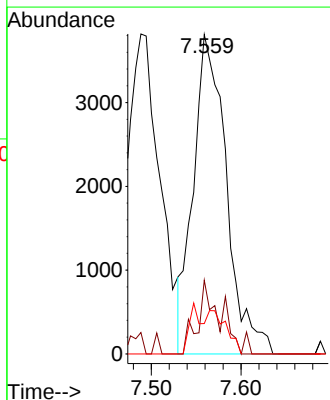
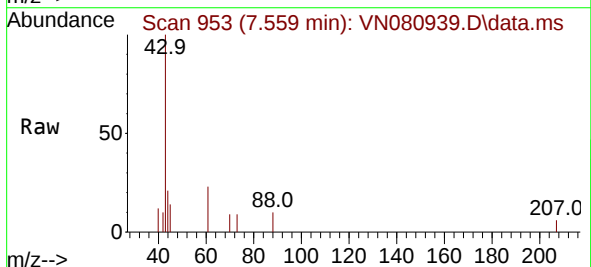
Manual Integrations
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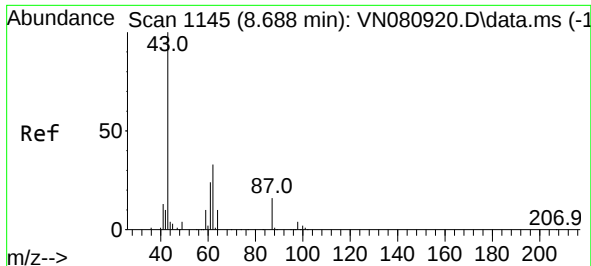
Reviewed By :John Carlone 02/08/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#37
Ethyl Acetate
Concen: 2.815 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27

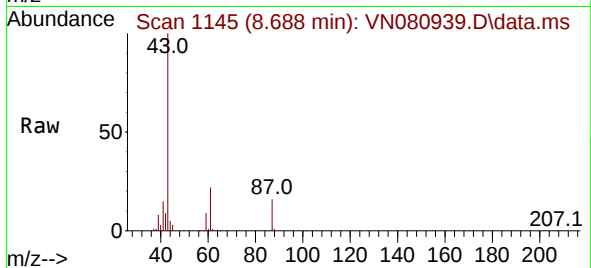
Tgt Ion: 43 Resp: 9743
Ion Ratio Lower Upper
43 100
61 15.5 10.6 15.8
70 7.8 8.0 12.0#





#43
Isopropyl Acetate
Concen: 36.123 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27

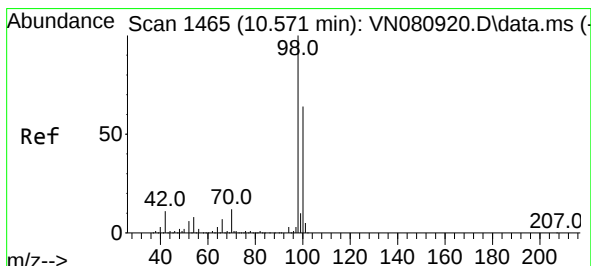
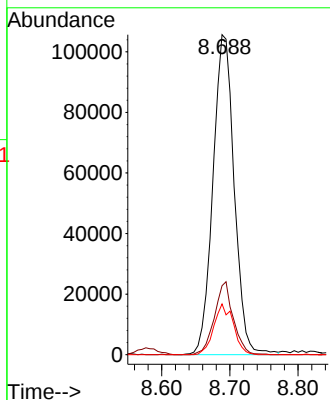
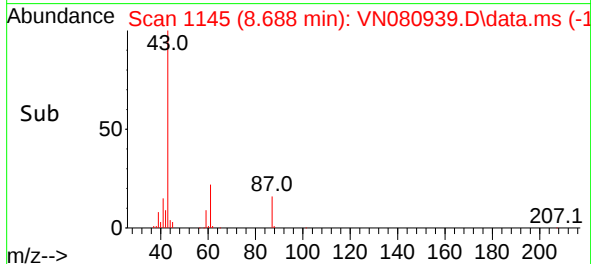
Instrument :
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PB158850ZHE#03



Tgt Ion: 43 Resp: 229912
Ion Ratio Lower Upper
43 100
61 20.2 19.9 29.9
87 14.6 9.0 13.6

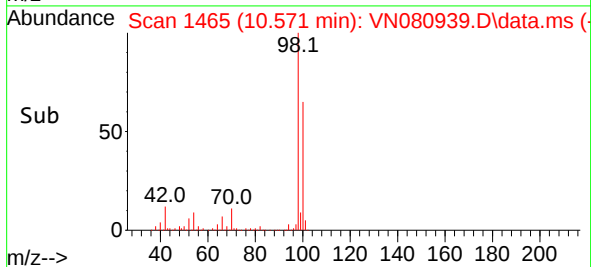
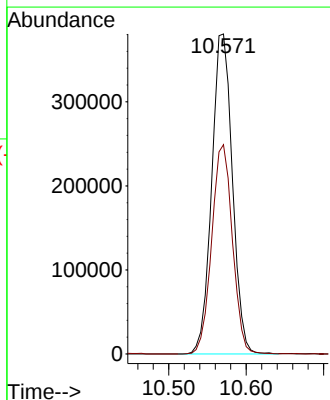
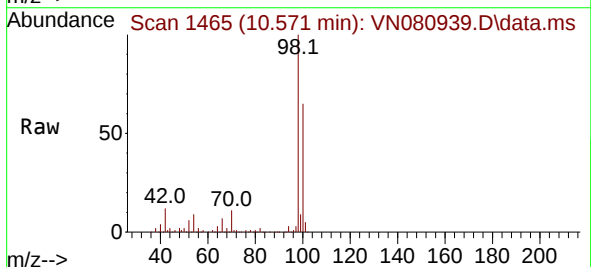
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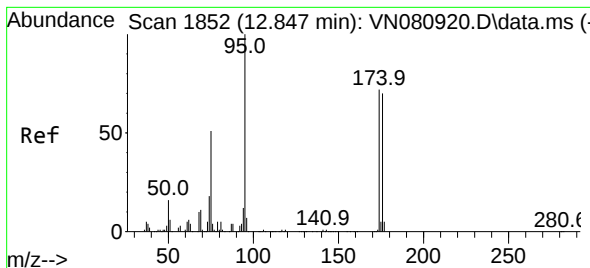
Reviewed By :John Carlone 02/08/2024
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#50
Toluene-d8
Concen: 63.442 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27

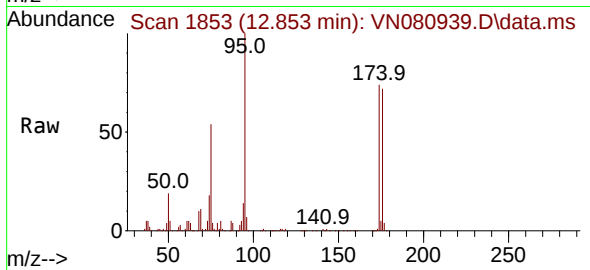
Tgt Ion: 98 Resp: 705594
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 73.832 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27

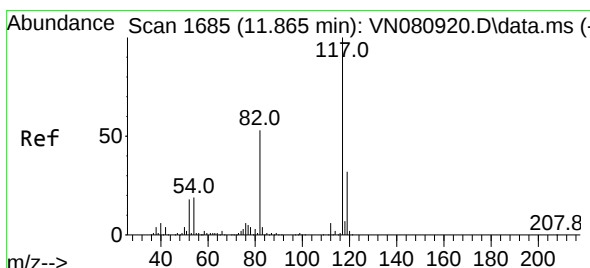
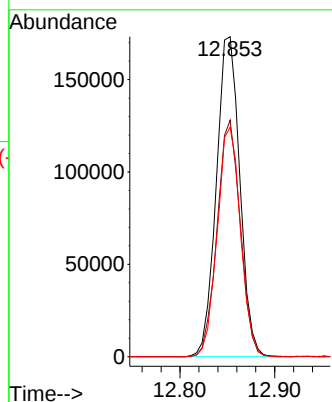
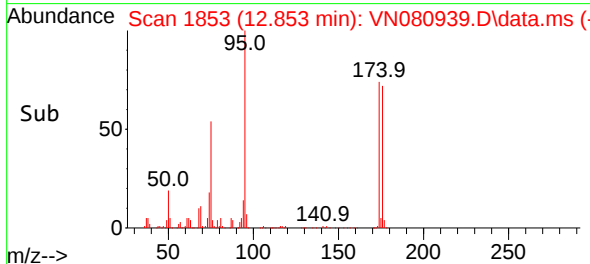
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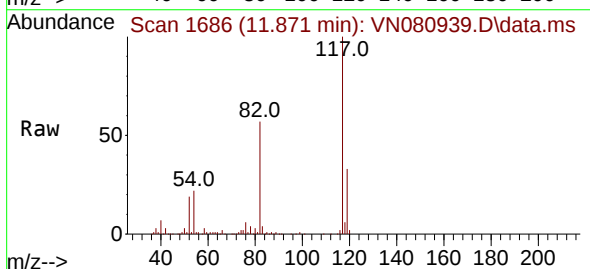
Tgt Ion: 95 Resp: 29830
Ion Ratio Lower Upper
95 100
174 72.8 0.0 120.4
176 71.0 0.0 121.0

Manual Integrations
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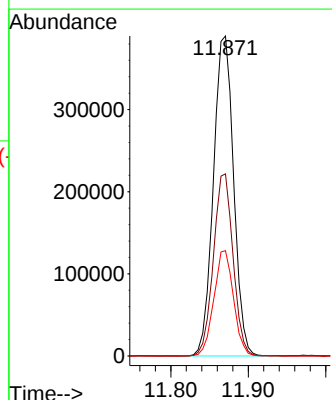
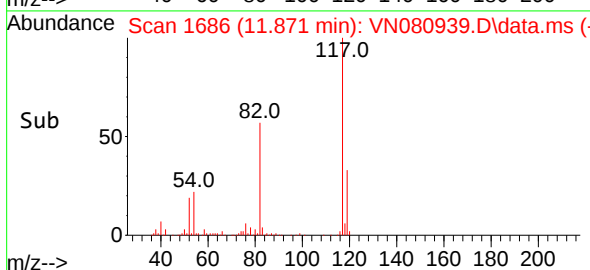
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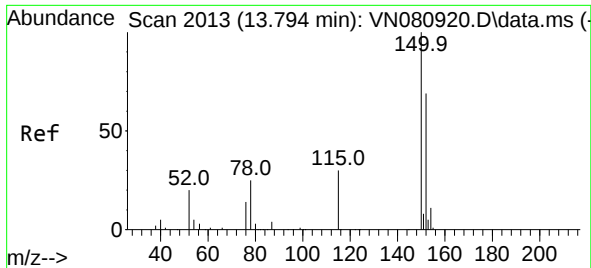


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080939.D
Acq: 07 Feb 2024 16:27



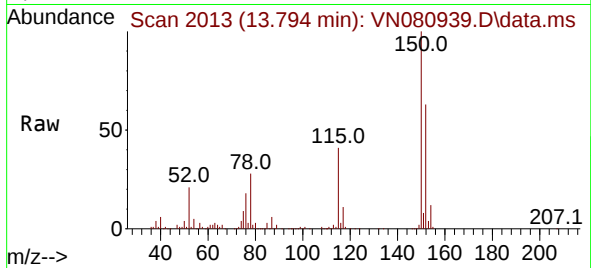
Tgt Ion:117 Resp: 708369
Ion Ratio Lower Upper
117 100
82 56.9 52.7 79.1
119 32.9 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080939.D
 Acq: 07 Feb 2024 16:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158850ZHE#03



Tgt Ion:152 Resp: 30843
 Ion Ratio Lower Upper
 152 100
 115 62.9 32.3 96.8
 150 154.8 0.0 339.8

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