

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081232.D
 Acq On : 27 Feb 2024 20:24
 Operator : JC\MD
 Sample : P1590-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW1-7-20240223

Quant Time: Feb 28 04:24:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	310282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	506724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	215314	56.614	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	113.220%	
35) Dibromofluoromethane	8.171	113	167904	50.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	101.840%	
50) Toluene-d8	10.571	98	636663	54.363	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	108.720%	
62) 4-Bromofluorobenzene	12.853	95	204085	46.377	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	=	92.760%	
Target Compounds						Qvalue
16) Acetone	4.436	43	5296m	3.539	ug/l	
52) Toluene	10.635	92	18261	1.764	ug/l	91

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

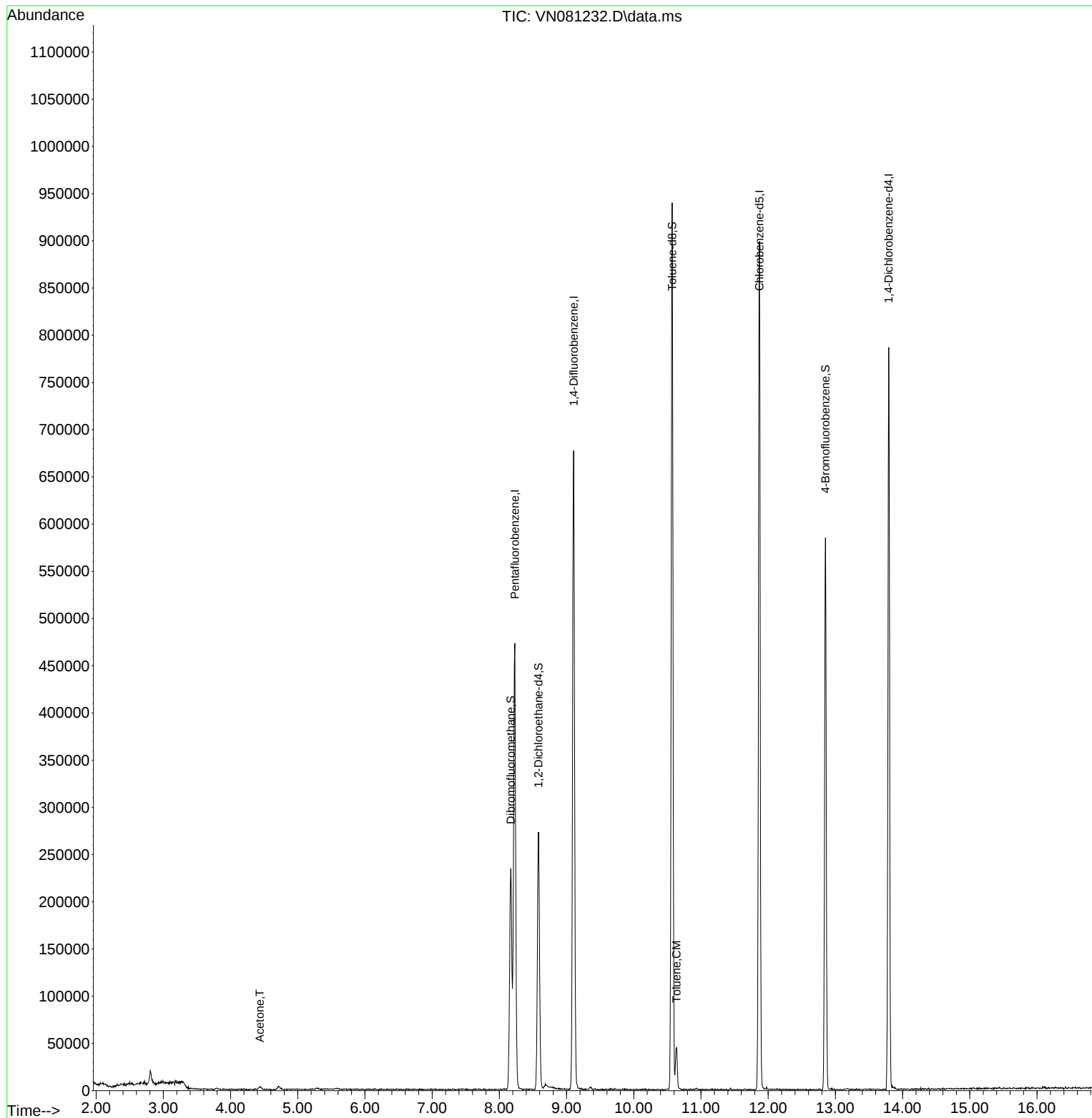
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
Data File : VN081232.D
Acq On : 27 Feb 2024 20:24
Operator : JC\MD
Sample : P1590-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

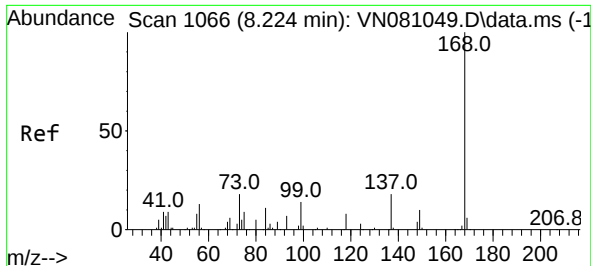
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223

Quant Time: Feb 28 04:24:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

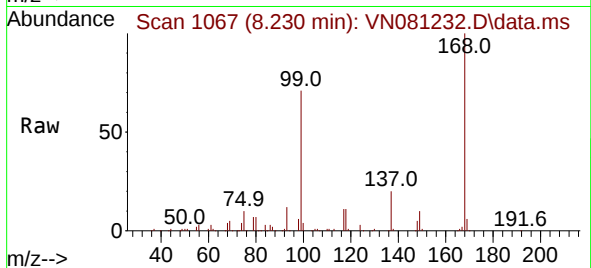
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

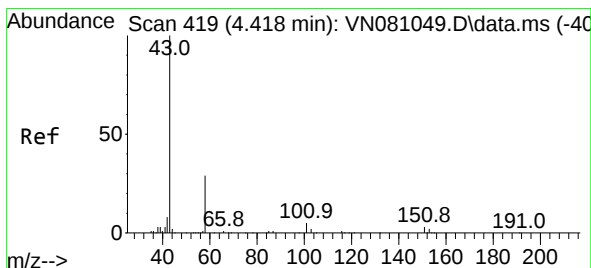
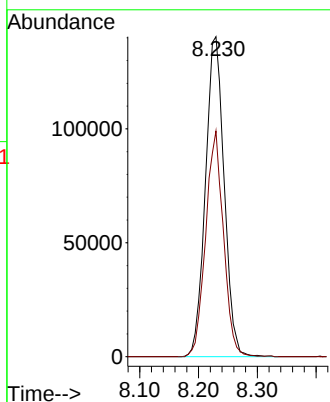
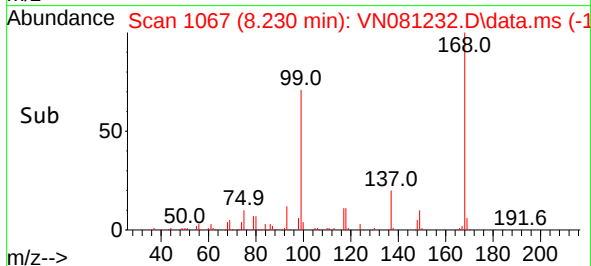
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223



Tgt Ion:168 Resp: 31028
Ion Ratio Lower Upper
168 100
99 70.5 59.9 89.9

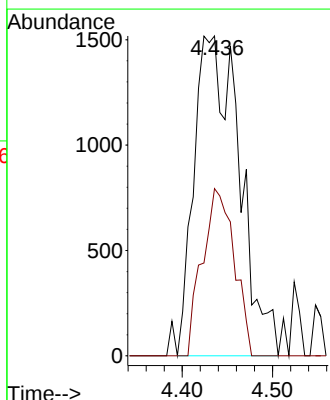
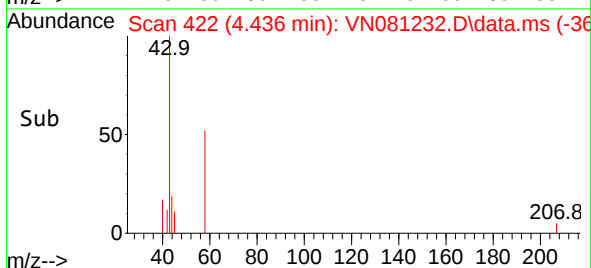
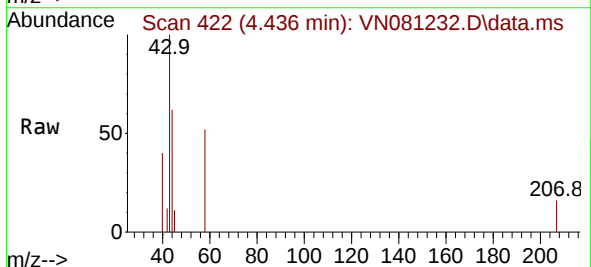
Manual Integrations
APPROVED

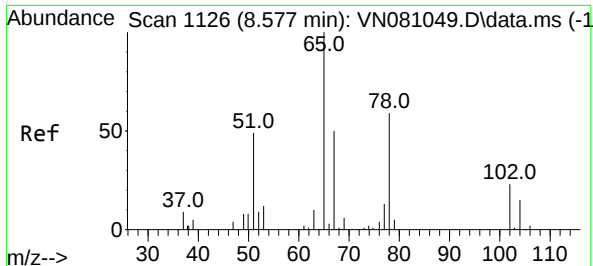
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#16
Acetone
Concen: 3.539 ug/l m
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

Tgt Ion: 43 Resp: 5296
Ion Ratio Lower Upper
43 100
58 52.3 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 56.614 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081232.D

Acq: 27 Feb 2024 20:24

Instrument :

MSVOA_N

ClientSampleId :

BPOW1-7-20240223

Tgt Ion: 65 Resp: 215314

Ion Ratio Lower Upper

65 100

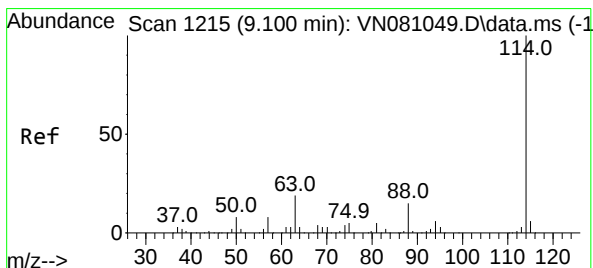
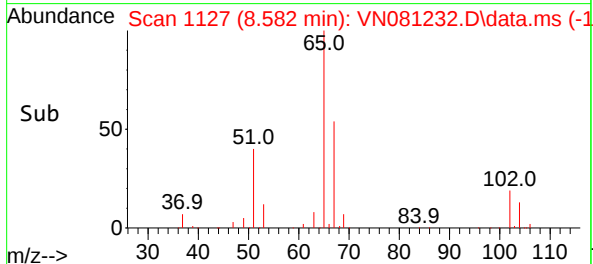
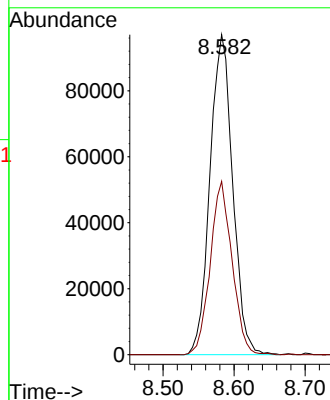
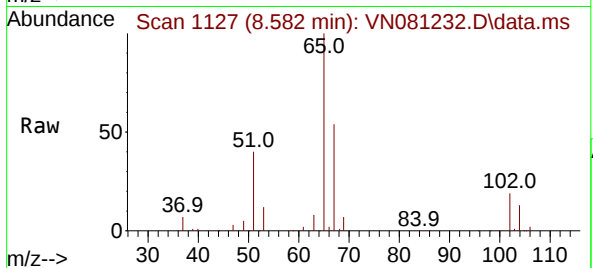
67 52.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081232.D

Acq: 27 Feb 2024 20:24

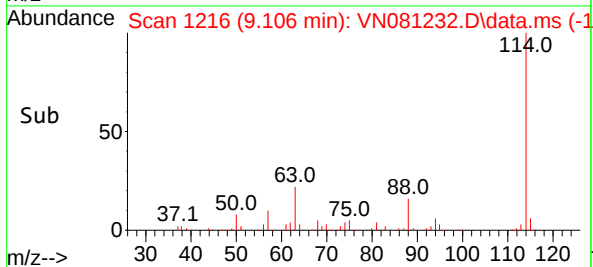
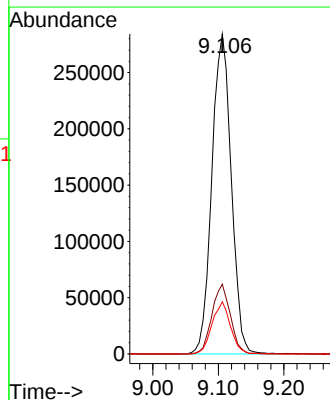
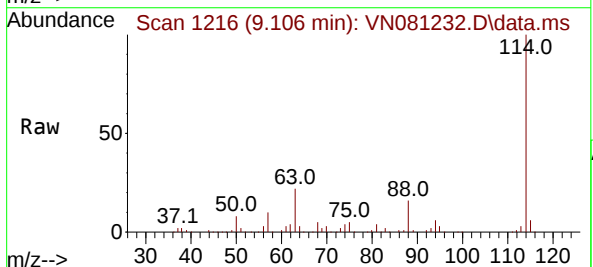
Tgt Ion:114 Resp: 583122

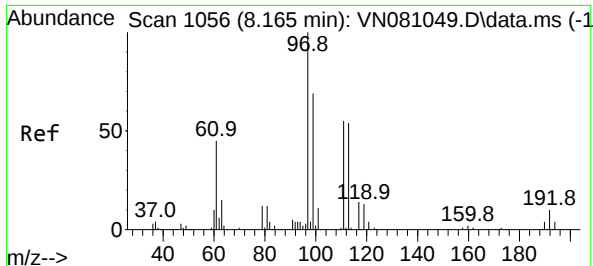
Ion Ratio Lower Upper

114 100

63 21.8 0.0 48.0

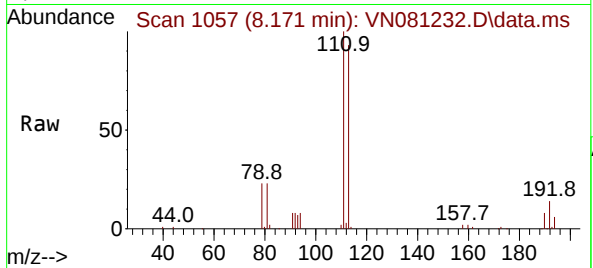
88 16.3 0.0 34.8





#35
Dibromofluoromethane
Concen: 50.920 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

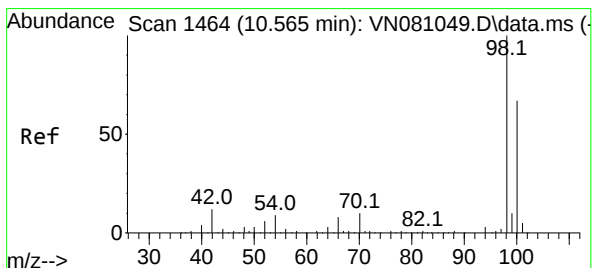
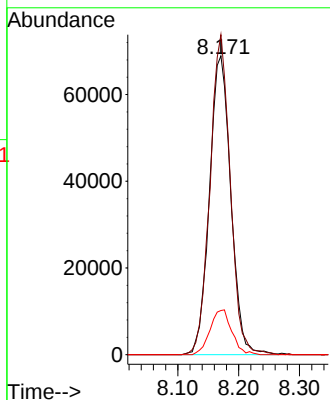
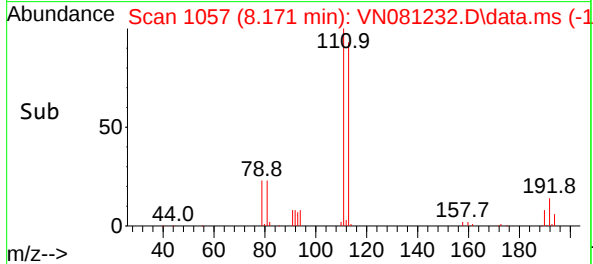
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223



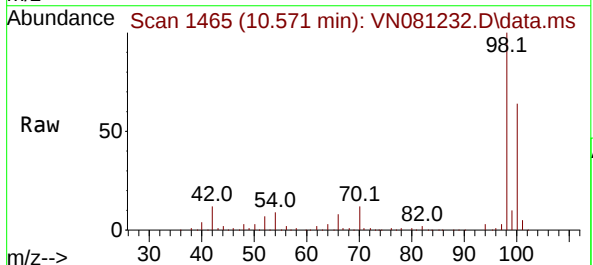
Tgt Ion:113 Resp: 167904
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 15.3 12.5 18.7

Manual Integrations
APPROVED

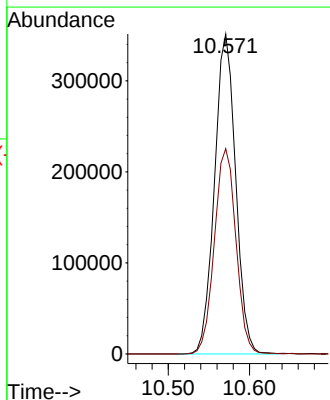
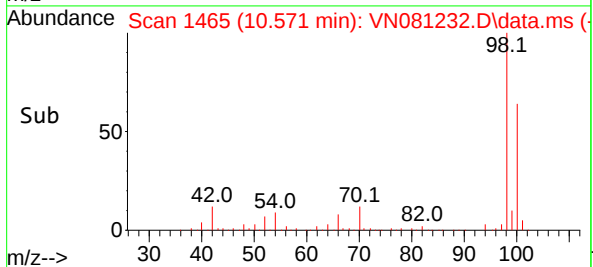
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

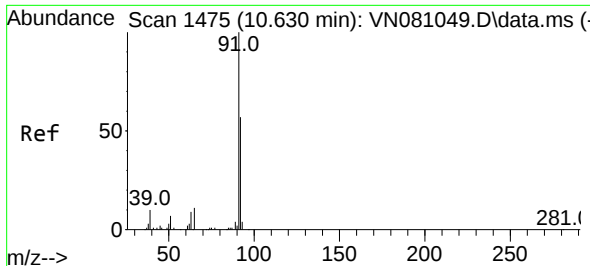


#50
Toluene-d8
Concen: 54.363 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24



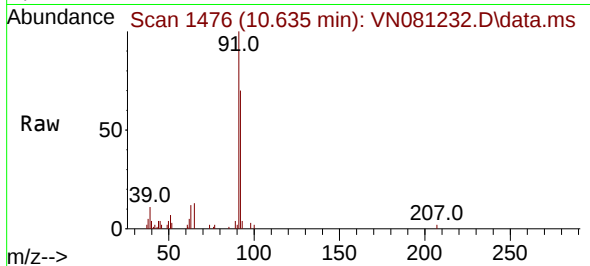
Tgt Ion: 98 Resp: 636663
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0





#52
Toluene
Concen: 1.764 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

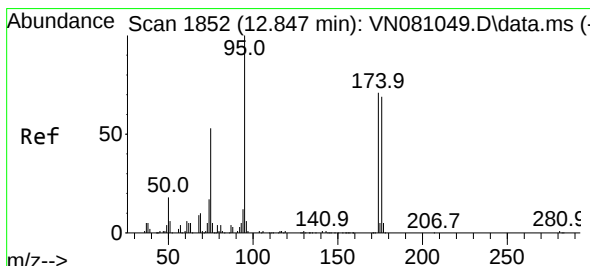
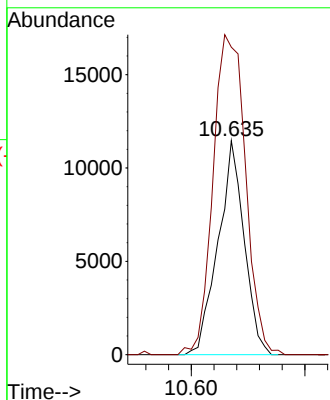
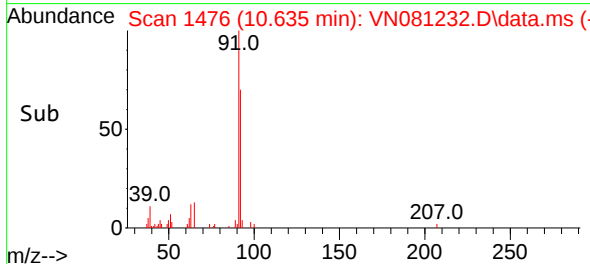
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223



Tgt Ion: 92 Resp: 1826
Ion Ratio Lower Upper
92 100
91 186.3 139.4 209.0

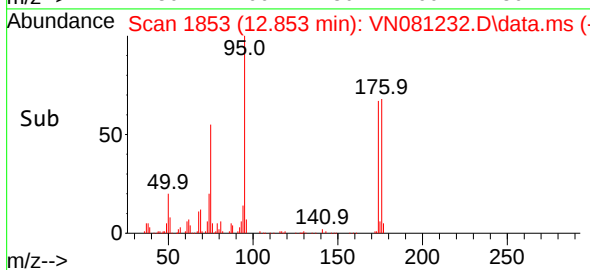
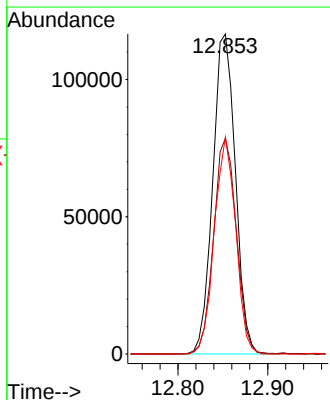
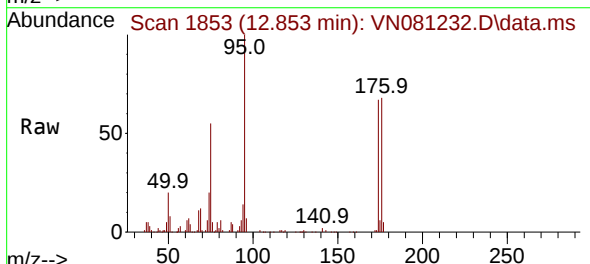
Manual Integrations
APPROVED

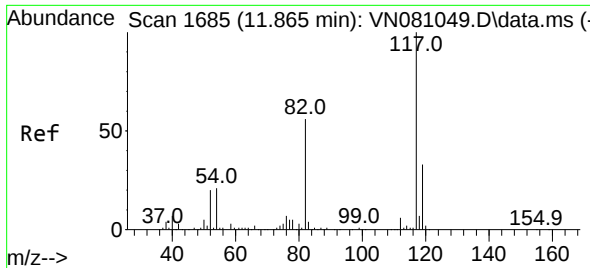
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#62
4-Bromofluorobenzene
Concen: 46.377 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

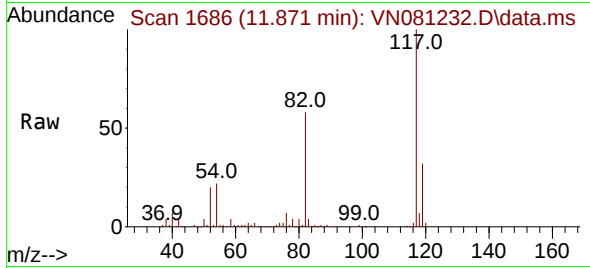
Tgt Ion: 95 Resp: 204085
Ion Ratio Lower Upper
95 100
174 67.9 0.0 120.4
176 64.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24

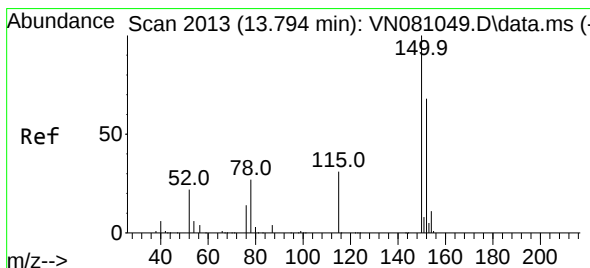
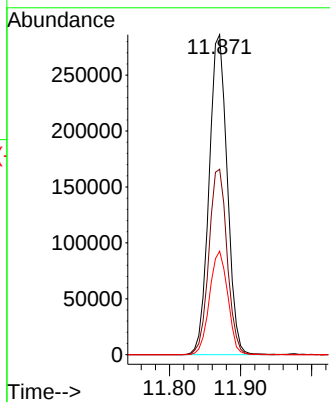
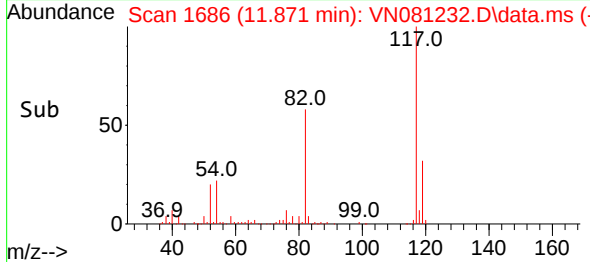
Instrument :
MSVOA_N
ClientSampleId :
BPOW1-7-20240223



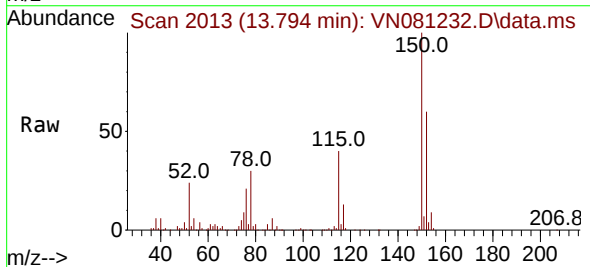
Tgt Ion:117 Resp: 506724
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 32.3 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081232.D
Acq: 27 Feb 2024 20:24



Tgt Ion:152 Resp: 199124
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 157.1 0.0 339.8

