

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076035.D
 Acq On : 29 Dec 2022 06:07
 Operator : JC\MD
 Sample : PB149923ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149923ZHE#16

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/29/2022
 Supervised By : Mahesh Dadoda 12/31/2022

Quant Time: Dec 29 07:51:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	365697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	520377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	186701	46.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.860%		
35) Dibromofluoromethane	8.171	113	170001	46.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	10.571	98	683749	50.497	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.000%		
62) 4-Bromofluorobenzene	12.853	95	217728	48.549	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.100%		
Target Compounds					Qvalue	
16) Acetone	4.448	43	64636	47.130	ug/l	99
20) Methylene Chloride	5.283	84	16621	3.941	ug/l #	92
25) 2-Butanone	7.500	43	24284	12.646	ug/l	93
37) Ethyl Acetate	7.571	43	33105	8.567	ug/l	99
43) Isopropyl Acetate	8.694	43	297934m	46.739	ug/l	

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

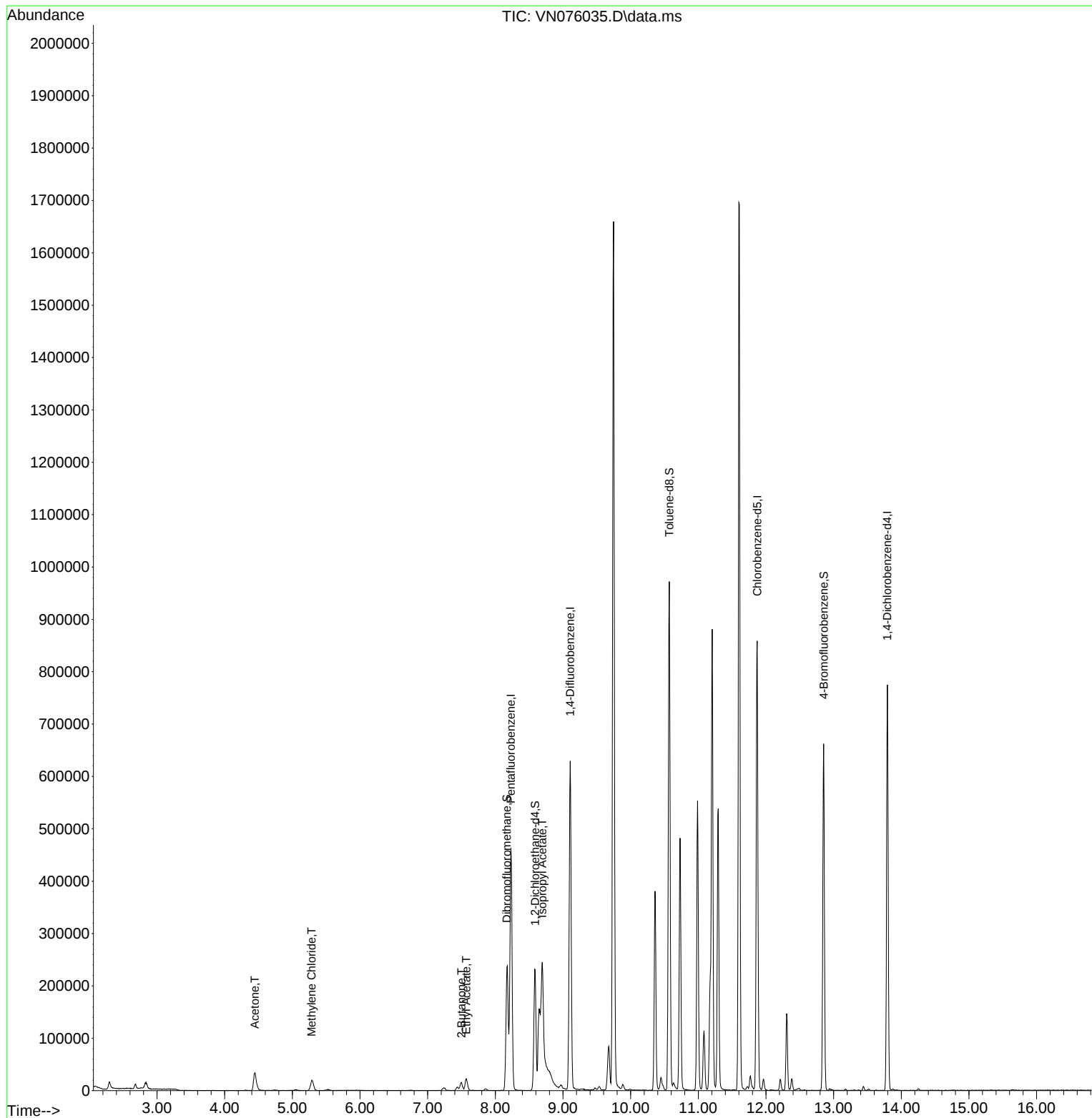
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076035.D
Acq On : 29 Dec 2022 06:07
Operator : JC\MD
Sample : PB149923ZHE#16
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 50 Sample Multiplier: 1

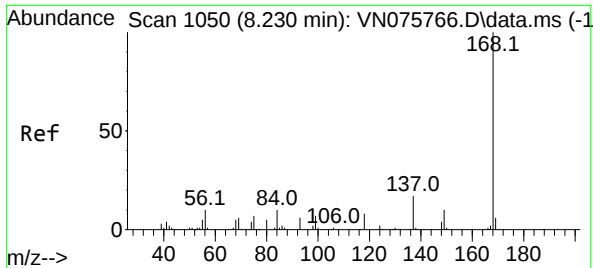
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#16

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

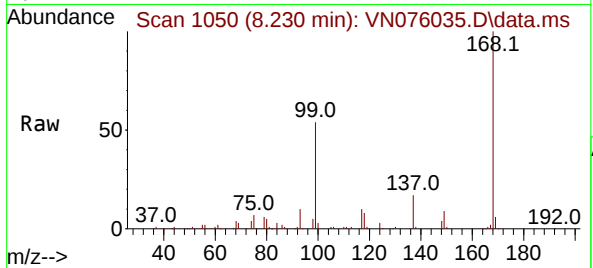
Quant Time: Dec 29 07:51:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076035.D
Acq: 29 Dec 2022 06:07

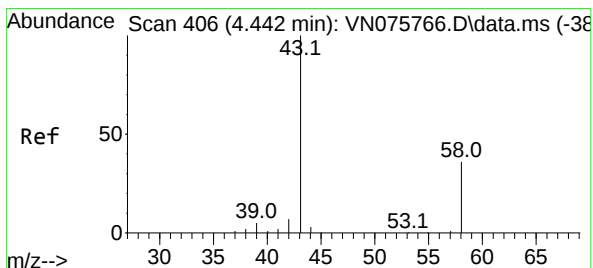
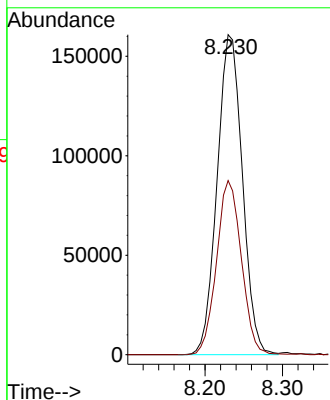
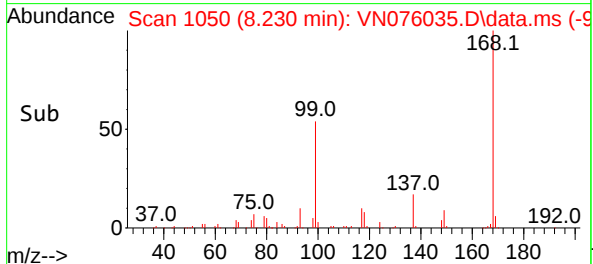
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#16



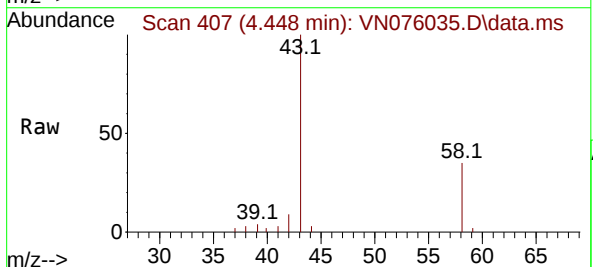
Tgt Ion:168 Resp: 36569
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4

Manual Integrations
APPROVED

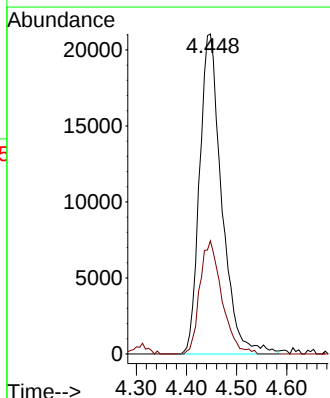
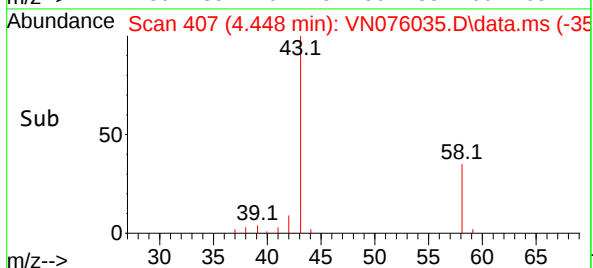
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

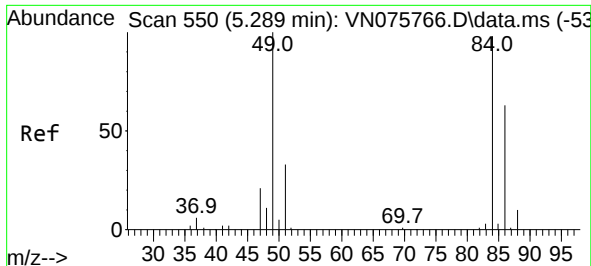


#16
Acetone
Concen: 47.130 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076035.D
Acq: 29 Dec 2022 06:07



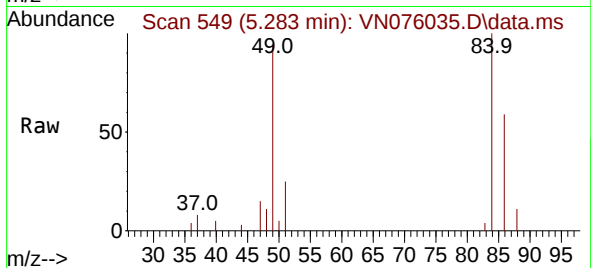
Tgt Ion: 43 Resp: 64636
Ion Ratio Lower Upper
43 100
58 35.3 28.6 43.0





#20
Methylene Chloride
Concen: 3.941 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076035.D
Acq: 29 Dec 2022 06:07

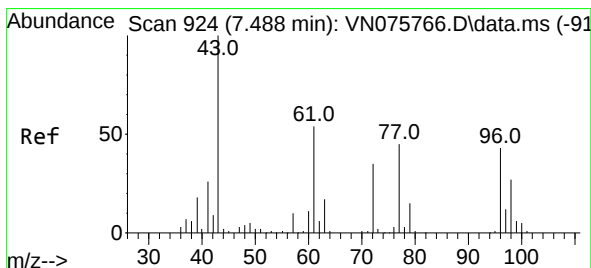
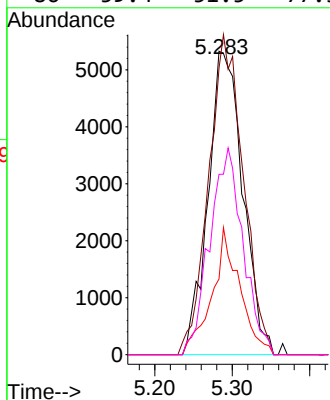
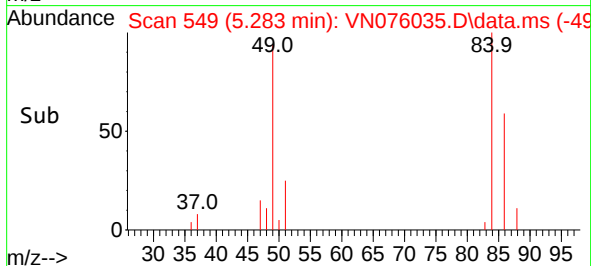
Instrument : MSVOA_N
ClientSampleId : PB149923ZHE#16



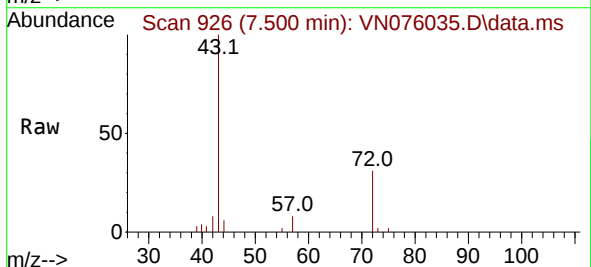
Tgt Ion: 84 Resp: 1662
Ion Ratio Lower Upper
84 100
49 94.4 81.8 122.6
51 24.9 26.7 40.1
86 59.4 51.5 77.3

Manual Integrations
APPROVED

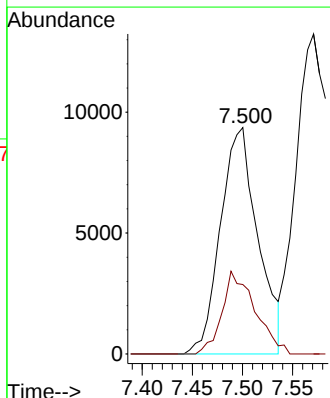
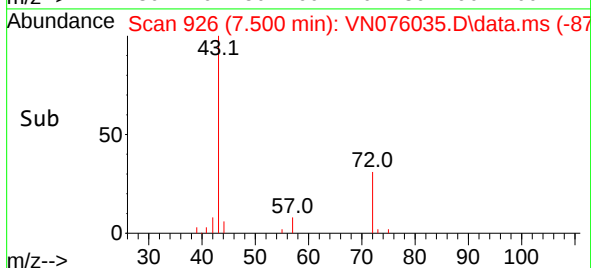
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

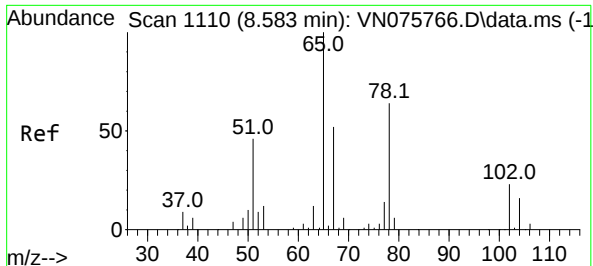


#25
2-Butanone
Concen: 12.646 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076035.D
Acq: 29 Dec 2022 06:07



Tgt Ion: 43 Resp: 24284
Ion Ratio Lower Upper
43 100
72 30.7 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 46.928 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076035.D

Acq: 29 Dec 2022 06:07

Instrument :

MSVOA_N

ClientSampleId :

PB149923ZHE#16

Tgt Ion: 65 Resp: 18670

Ion Ratio Lower Upper

65 100

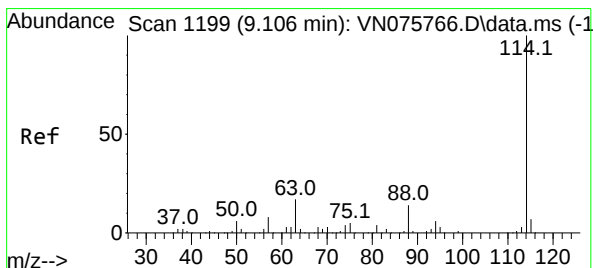
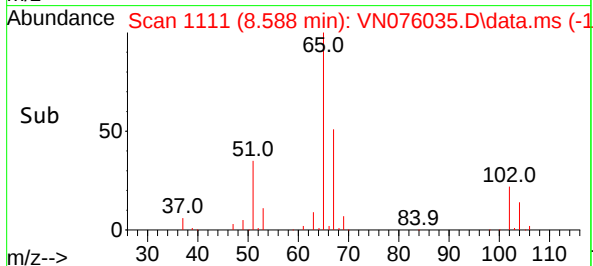
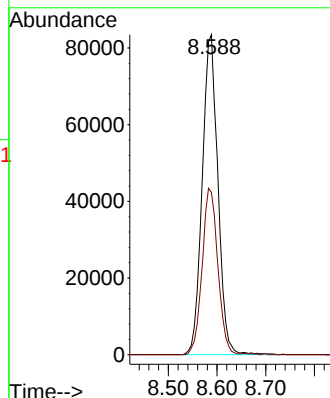
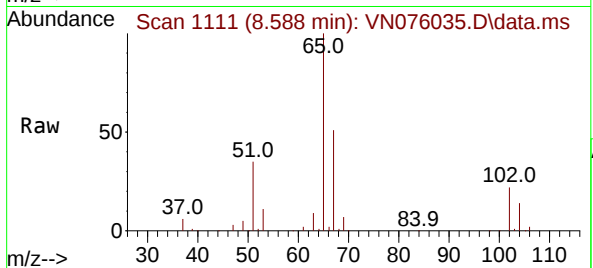
67 51.9 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076035.D

Acq: 29 Dec 2022 06:07

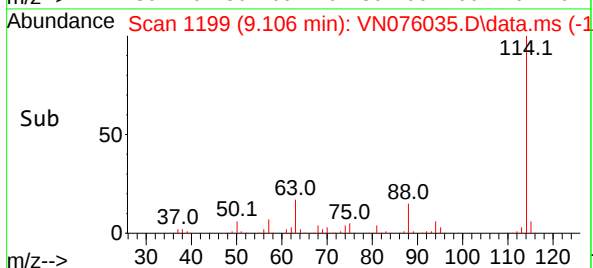
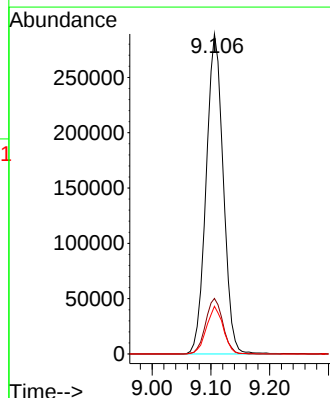
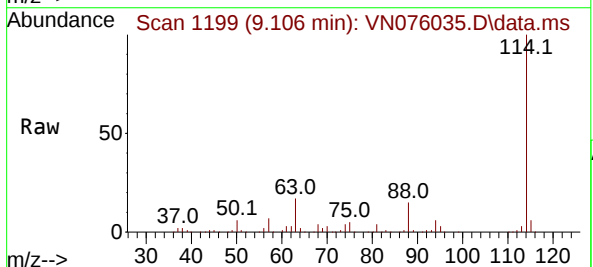
Tgt Ion:114 Resp: 584788

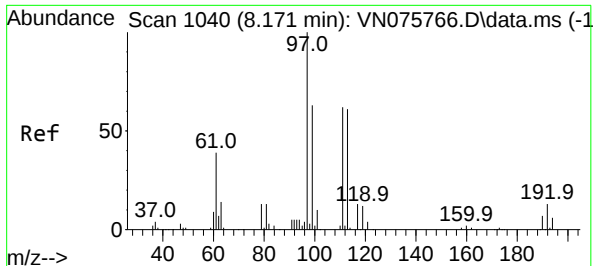
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.942 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076035.D

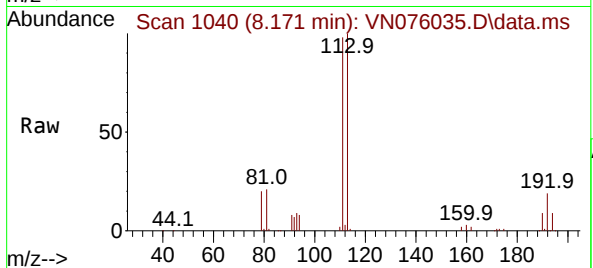
Acq: 29 Dec 2022 06:07

Instrument :

MSVOA_N

ClientSampleId :

PB149923ZHE#16

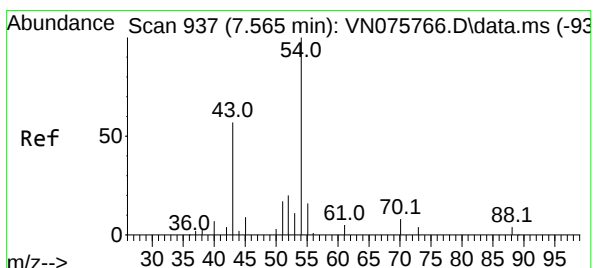
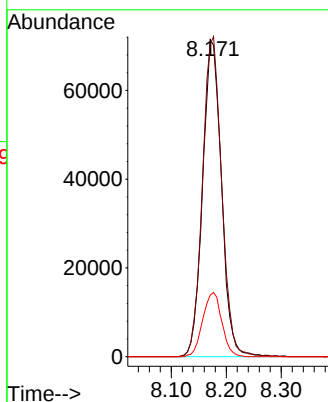
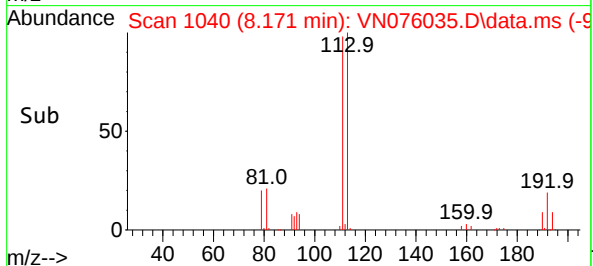


Tgt Ion:	113	Resp:	17000
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	20.5	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#37

Ethyl Acetate

Concen: 8.567 ug/l

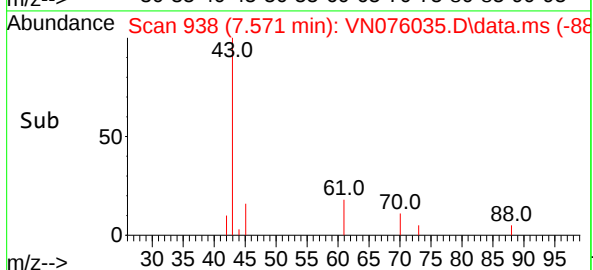
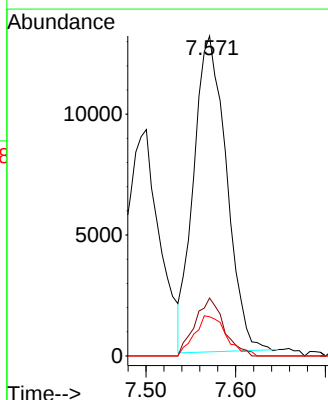
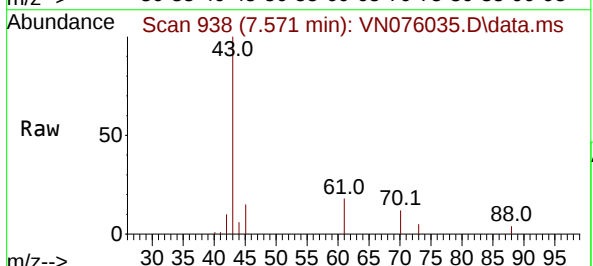
RT: 7.571 min Scan# 938

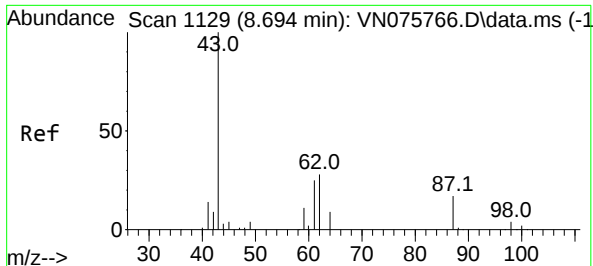
Delta R.T. 0.006 min

Lab File: VN076035.D

Acq: 29 Dec 2022 06:07

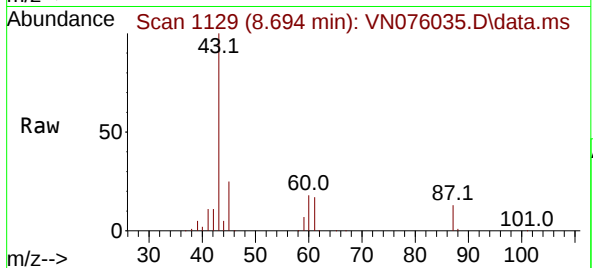
Tgt Ion:	43	Resp:	33105
Ion	Ratio	Lower	Upper
43	100		
61	16.1	13.0	19.4
70	12.2	9.4	14.0





#43
Isopropyl Acetate
Concen: 46.739 ug/l m
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076035.D
Acq: 29 Dec 2022 06:07

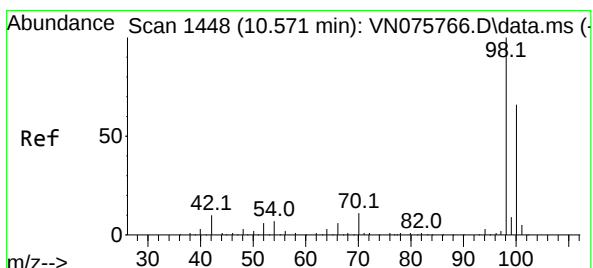
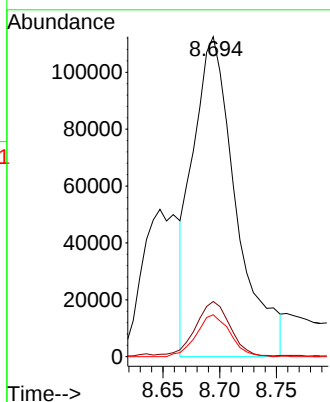
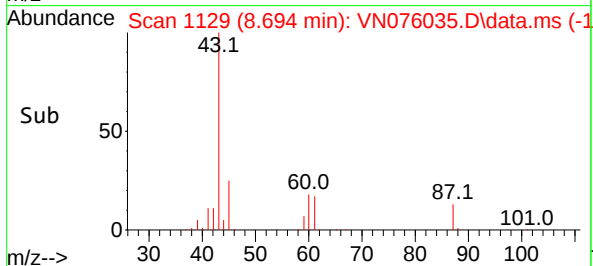
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#16



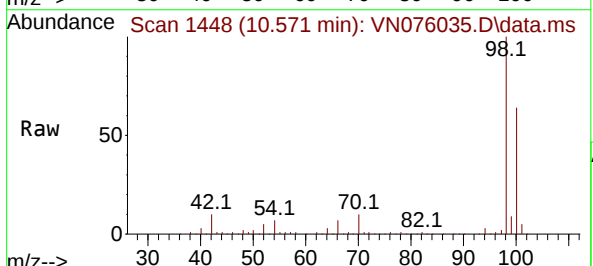
Tgt Ion: 43 Resp: 297934
Ion Ratio Lower Upper
43 100
61 14.0 24.2 36.4
87 10.2 13.3 19.9

Manual Integrations
APPROVED

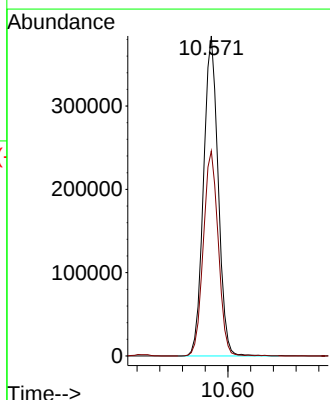
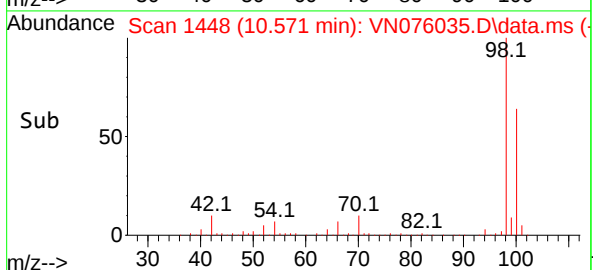
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

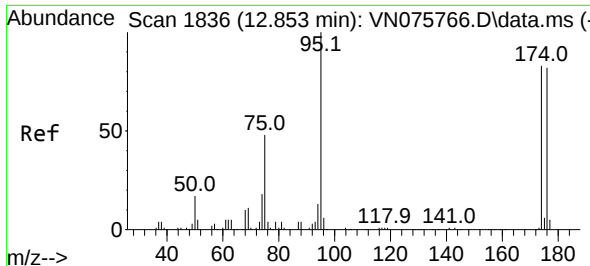


#50
Toluene-d8
Concen: 50.497 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076035.D
Acq: 29 Dec 2022 06:07



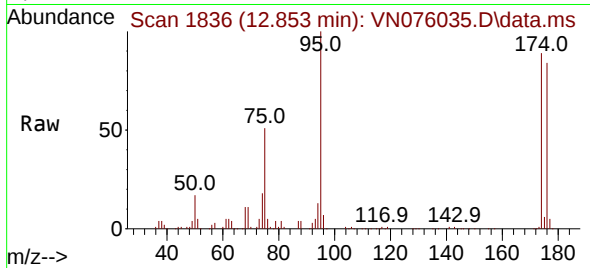
Tgt Ion: 98 Resp: 683749
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 48.549 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076035.D
Acq: 29 Dec 2022 06:07

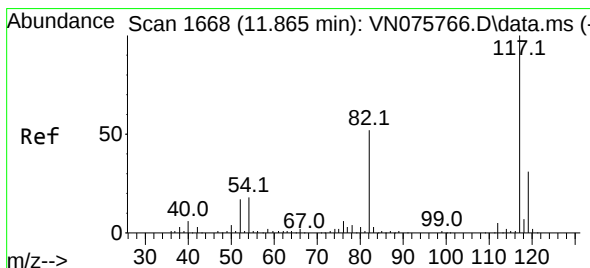
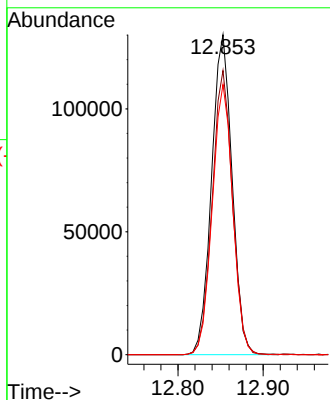
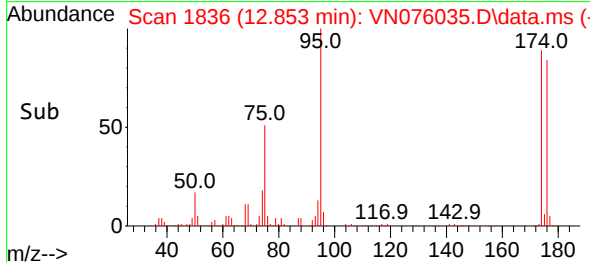
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#16



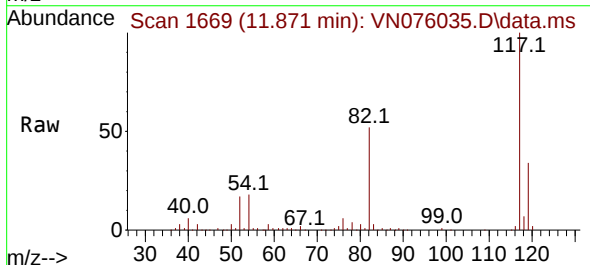
Tgt Ion: 95 Resp: 217728
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.6
176 84.2 0.0 169.2

Manual Integrations
APPROVED

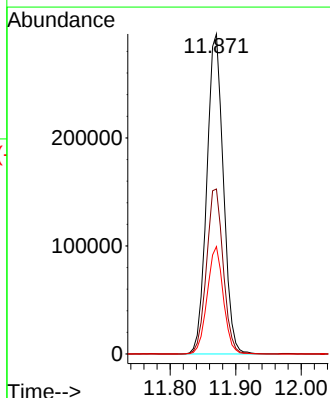
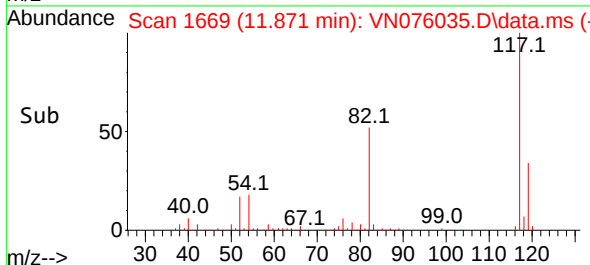
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

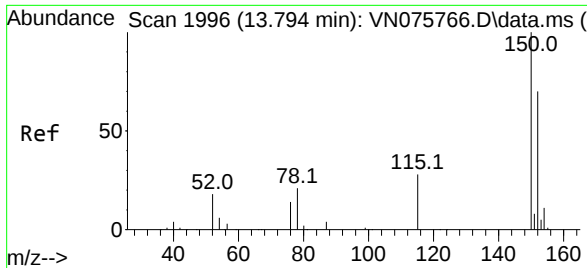


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076035.D
Acq: 29 Dec 2022 06:07



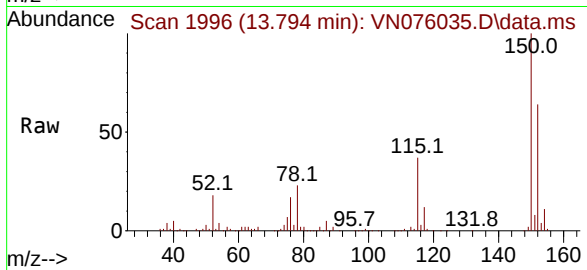
Tgt Ion:117 Resp: 520377
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 33.6 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076035.D
 Acq: 29 Dec 2022 06:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149923ZHE#16



Tgt Ion:152 Resp: 220880
 Ion Ratio Lower Upper
 152 100
 115 57.9 29.1 87.4
 150 156.2 0.0 347.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022

