

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076027.D
 Acq On : 29 Dec 2022 02:55
 Operator : JC\MD
 Sample : PB149923ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149923ZHE#08

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 07:50:13 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	367947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	518436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	184386	46.063	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.120%		
35) Dibromofluoromethane	8.171	113	171541	47.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.780%		
50) Toluene-d8	10.571	98	680695	50.300	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.600%		
62) 4-Bromofluorobenzene	12.853	95	215714	48.127	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.260%		
Target Compounds						
16) Acetone	4.448	43	66542	48.223	ug/l	99
20) Methylene Chloride	5.295	84	19214	4.624	ug/l	95
25) 2-Butanone	7.494	43	23129	11.971	ug/l	92
37) Ethyl Acetate	7.571	43	34694	8.983	ug/l	98
43) Isopropyl Acetate	8.694	43	333765m	52.390	ug/l	

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

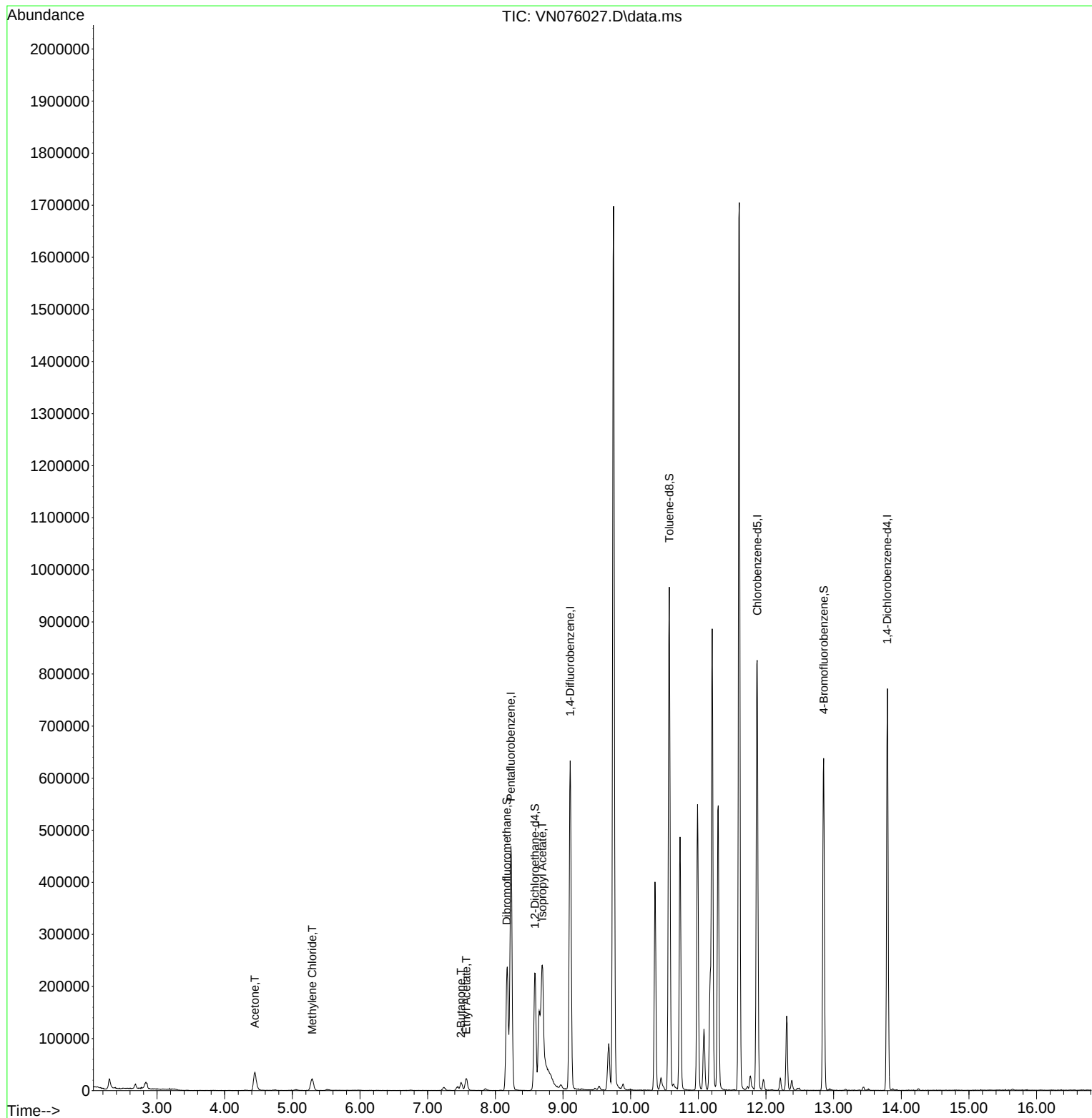
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN076027.D
Acq On : 29 Dec 2022 02:55
Operator : JC\MD
Sample : PB149923ZHE#08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

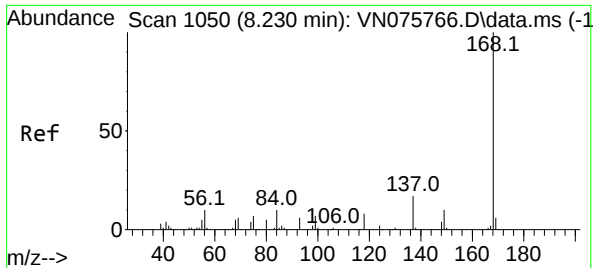
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#08

Manual Integrations
APPROVED

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

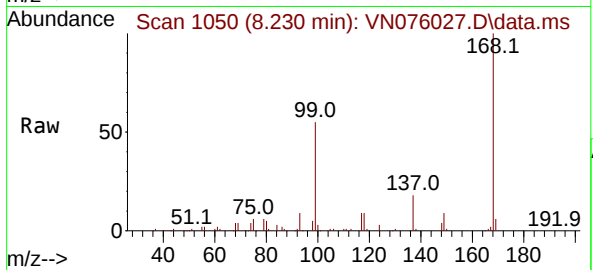
Quant Time: Dec 29 07:50:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076027.D
Acq: 29 Dec 2022 02:55

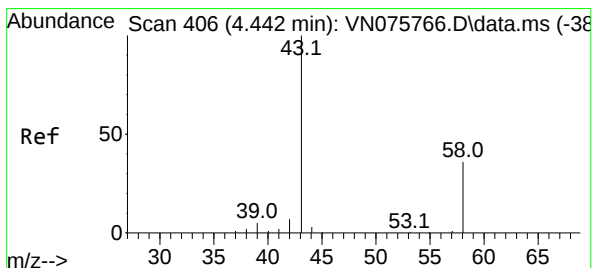
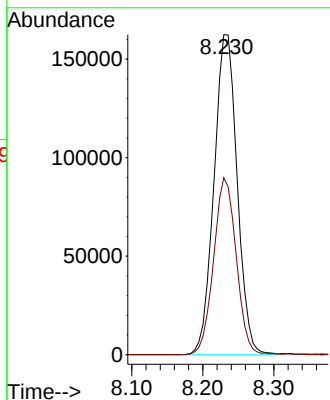
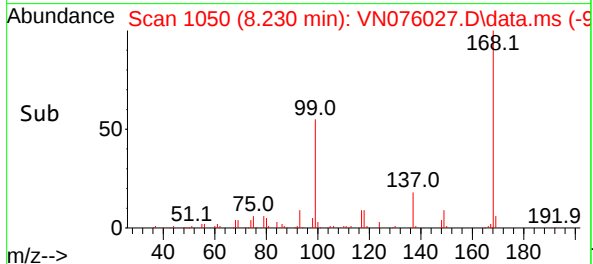
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#08



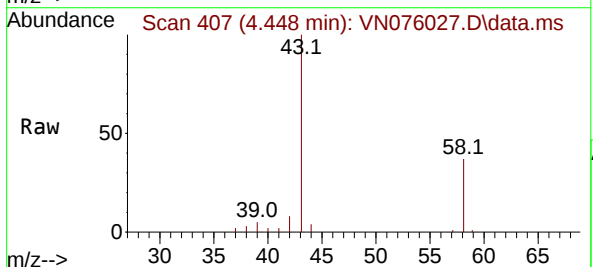
Tgt Ion:168 Resp: 36794
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4

Manual Integrations
APPROVED

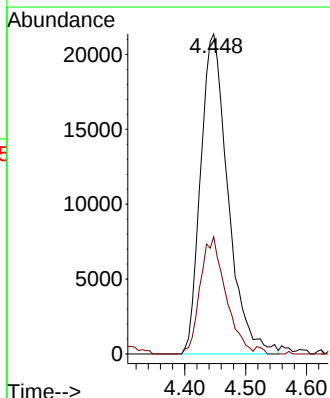
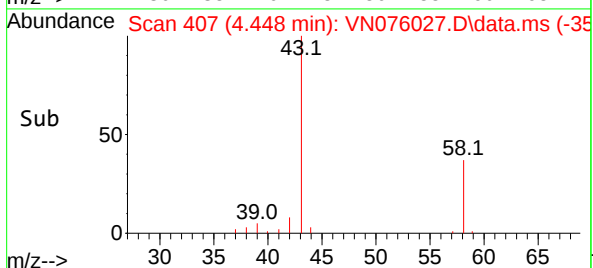
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022



#16
Acetone
Concen: 48.223 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076027.D
Acq: 29 Dec 2022 02:55



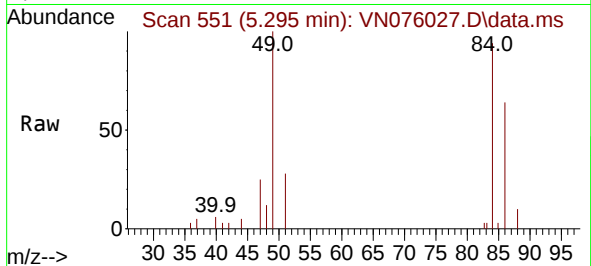
Tgt Ion: 43 Resp: 66542
Ion Ratio Lower Upper
43 100
58 36.6 28.6 43.0





#20
Methylene Chloride
Concen: 4.624 ug/l
RT: 5.295 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN076027.D
Acq: 29 Dec 2022 02:55

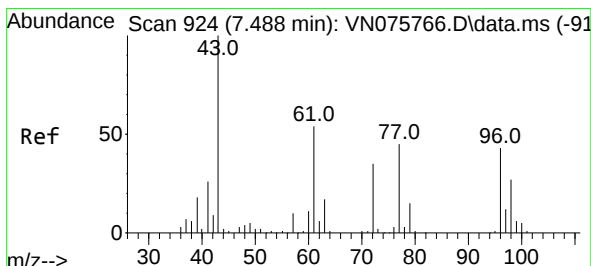
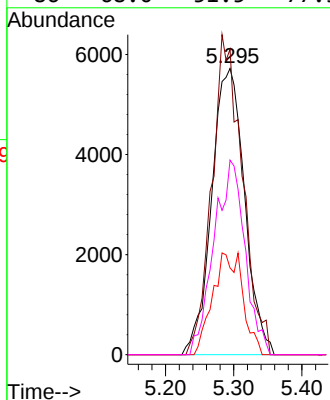
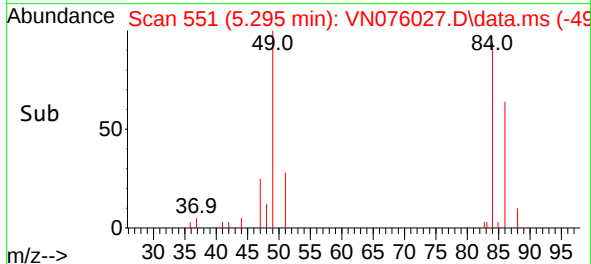
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#08



Tgt Ion:	84	Resp:	19214
Ion	Ratio	Lower	Upper
84	100		
49	106.7	81.8	122.6
51	30.3	26.7	40.1
86	68.0	51.5	77.3

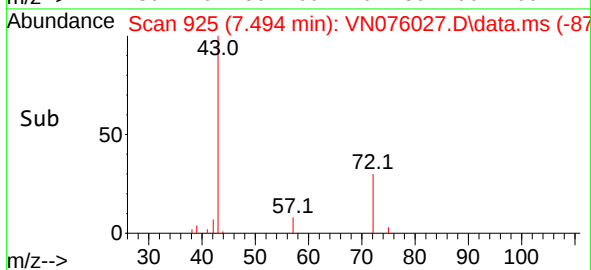
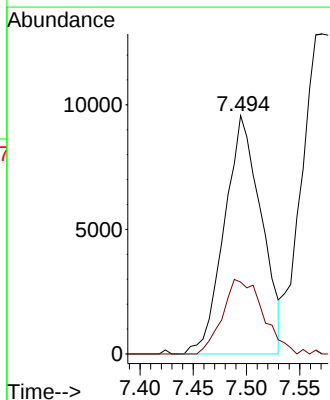
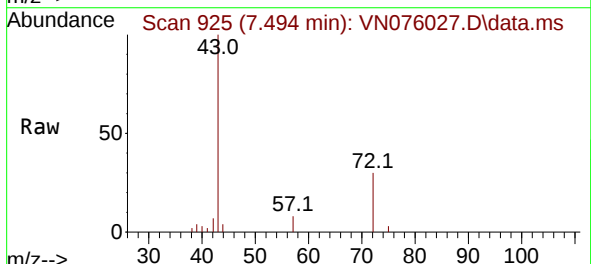
Manual Integrations
APPROVED

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



#25
2-Butanone
Concen: 11.971 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076027.D
Acq: 29 Dec 2022 02:55

Tgt Ion:	43	Resp:	23129
Ion	Ratio	Lower	Upper
43	100		
72	30.2	28.0	42.0





#33

1,2-Dichloroethane-d4

Concen: 46.063 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076027.D

Acq: 29 Dec 2022 02:55

Instrument :

MSVOA_N

ClientSampleId :

PB149923ZHE#08

Tgt Ion: 65 Resp: 184380

Ion Ratio Lower Upper

65 100

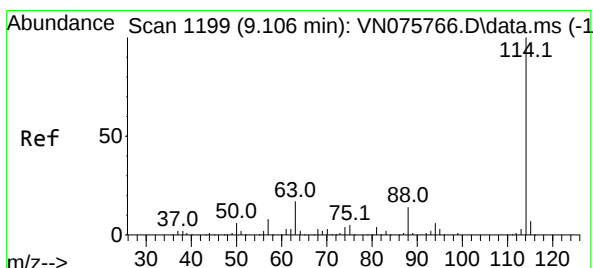
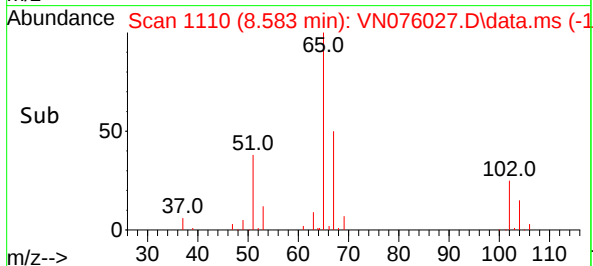
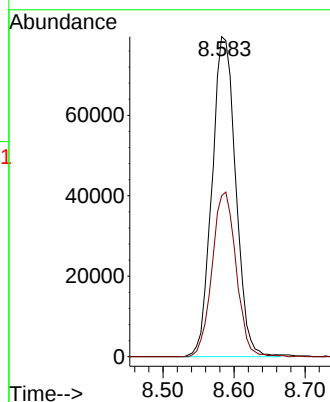
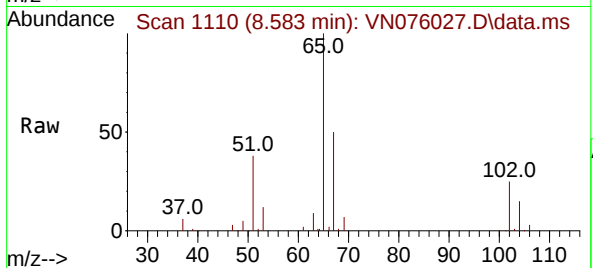
67 52.0 0.0 103.4

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: VN076027.D

Acq: 29 Dec 2022 02:55

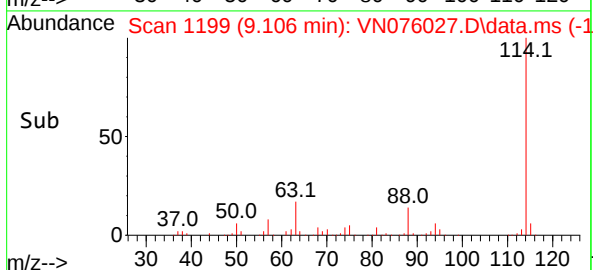
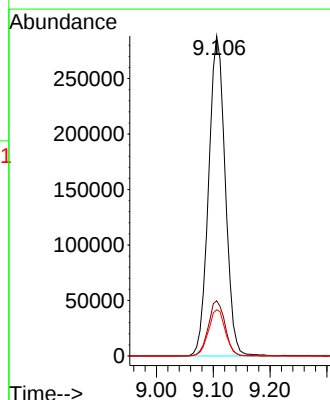
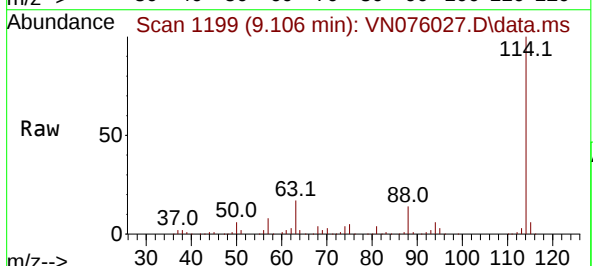
Tgt Ion:114 Resp: 584460

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.394 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076027.D

Acq: 29 Dec 2022 02:55

Instrument :

MSVOA_N

ClientSampleId :

PB149923ZHE#08

Tgt Ion:113 Resp: 17154

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

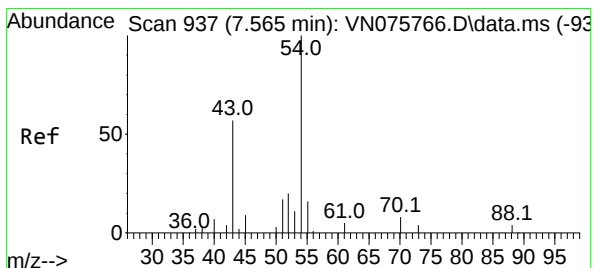
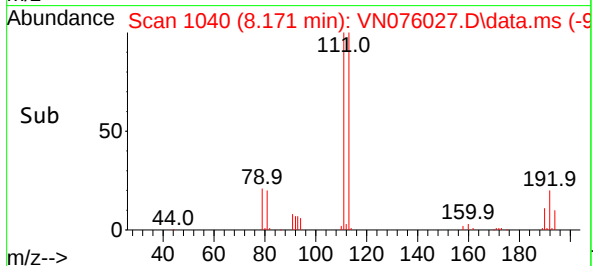
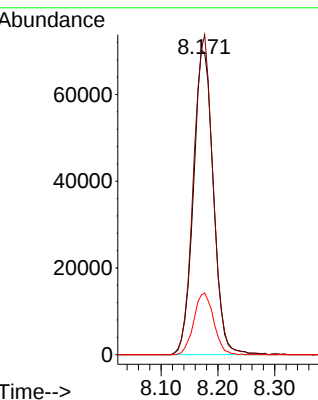
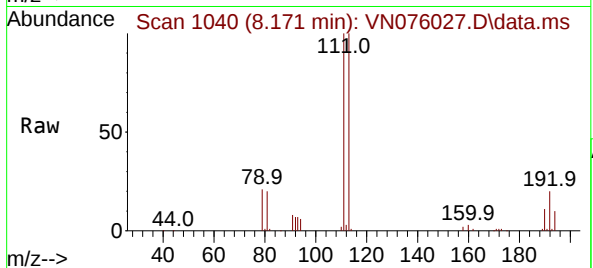
192 20.1 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022



#37

Ethyl Acetate

Concen: 8.983 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076027.D

Acq: 29 Dec 2022 02:55

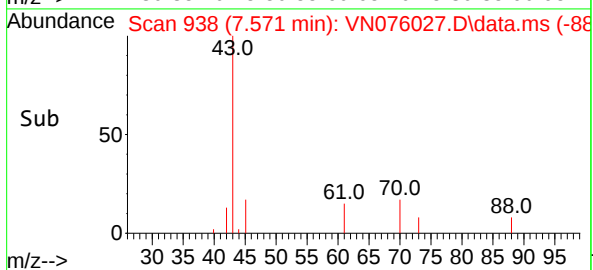
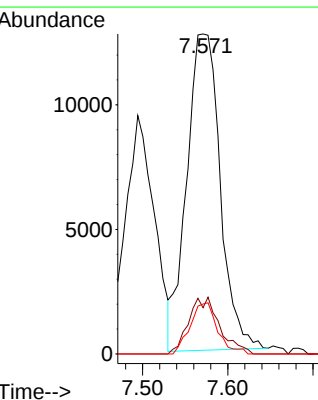
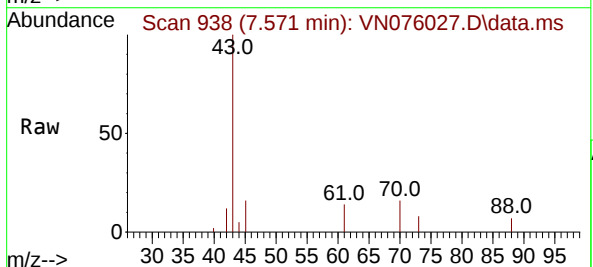
Tgt Ion: 43 Resp: 34694

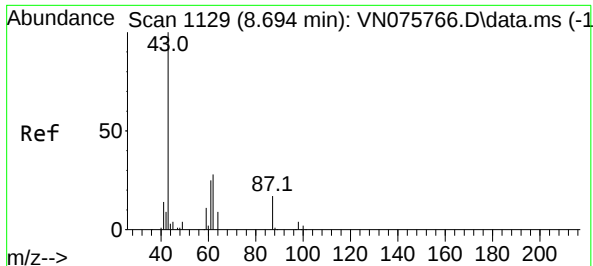
Ion Ratio Lower Upper

43 100

61 16.6 13.0 19.4

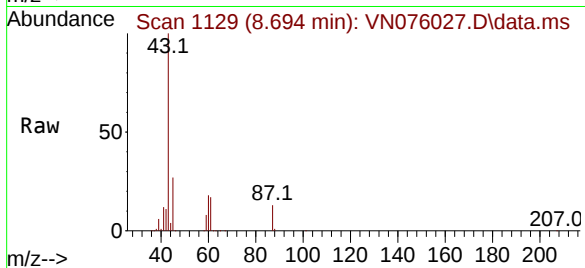
70 13.3 9.4 14.0





#43
Isopropyl Acetate
Concen: 52.390 ug/l m
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076027.D
Acq: 29 Dec 2022 02:55

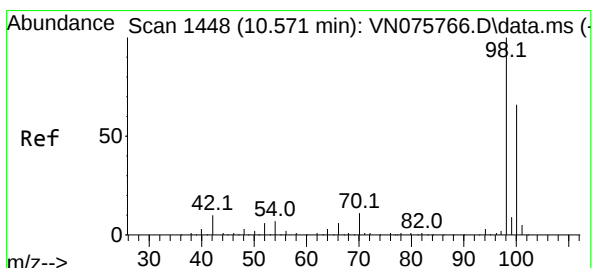
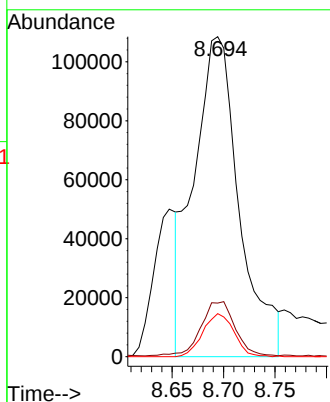
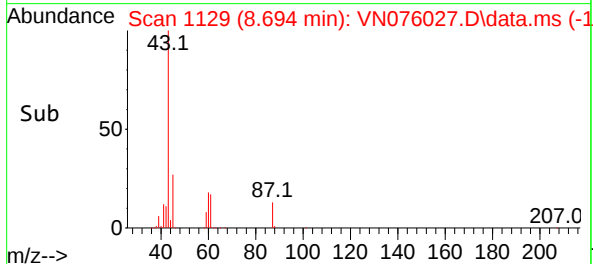
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#08



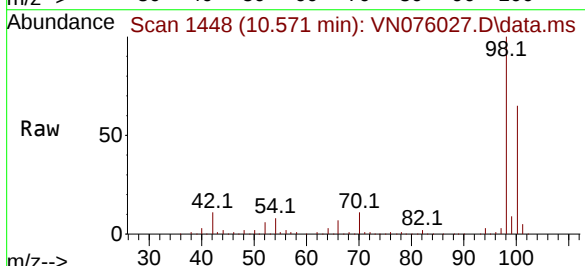
Tgt Ion: 43 Resp: 33376
Ion Ratio Lower Upper
43 100
61 12.8 24.2 36.4
87 9.2 13.3 19.9

Manual Integrations
APPROVED

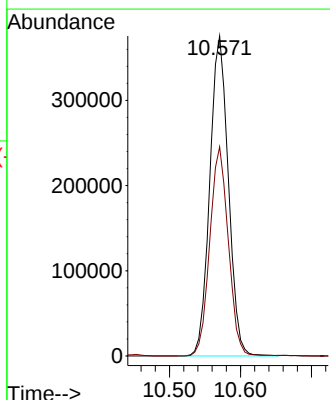
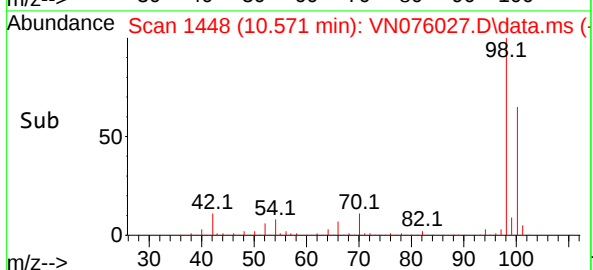
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

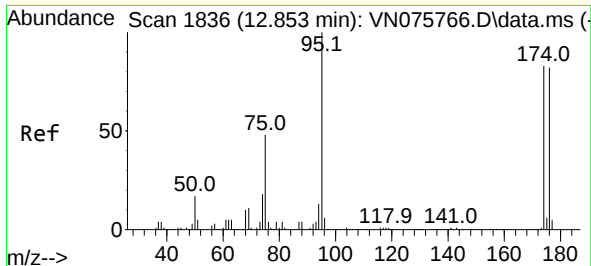


#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076027.D
Acq: 29 Dec 2022 02:55



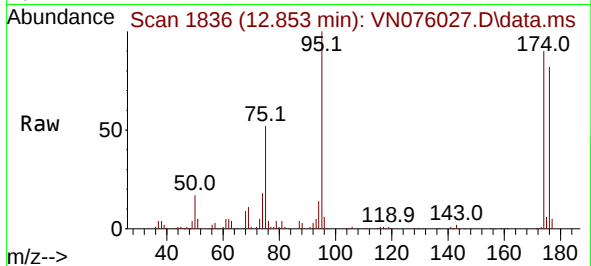
Tgt Ion: 98 Resp: 680695
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 48.127 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076027.D
Acq: 29 Dec 2022 02:55

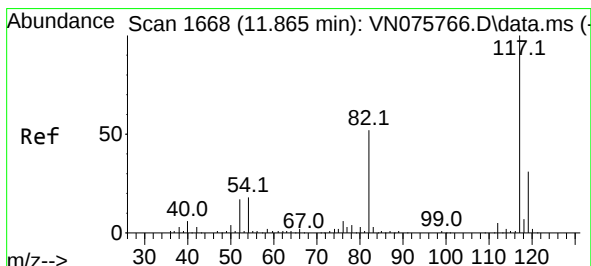
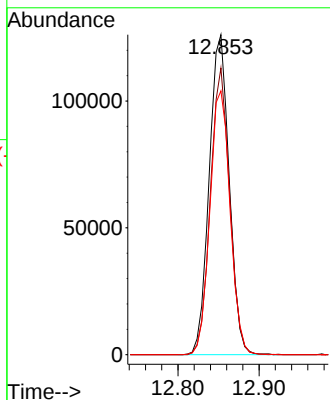
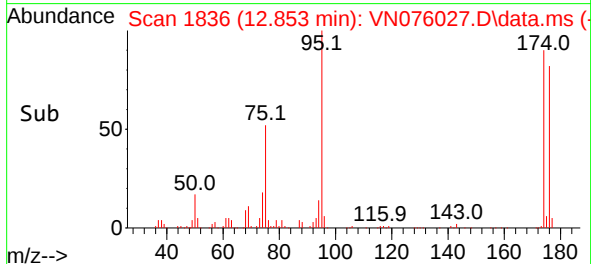
Instrument :
MSVOA_N
ClientSampleId :
PB149923ZHE#08



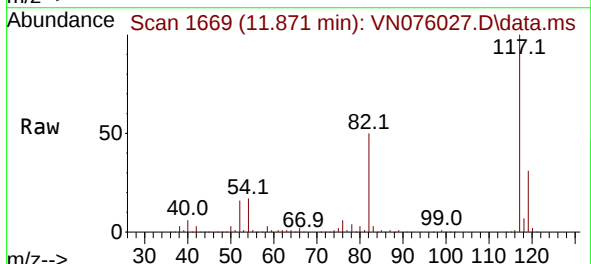
Tgt Ion: 95 Resp: 215714
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 83.6 0.0 169.2

Manual Integrations
APPROVED

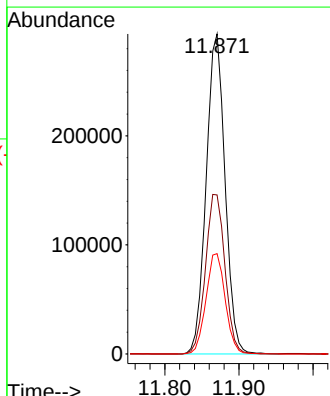
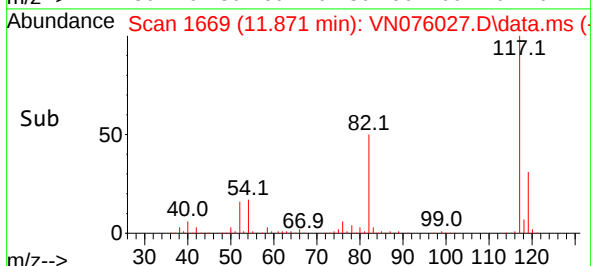
Reviewed By :Semsettin Yesilyurt 12/29/2022
Supervised By :Mahesh Dadoda 12/31/2022

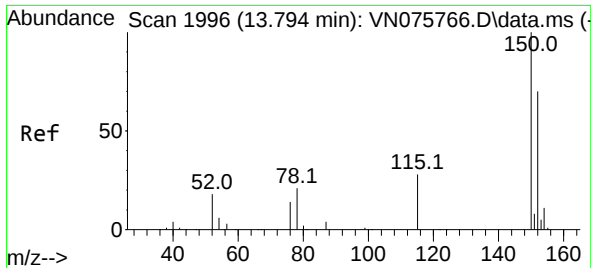


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076027.D
Acq: 29 Dec 2022 02:55



Tgt Ion:117 Resp: 518436
Ion Ratio Lower Upper
117 100
82 49.7 41.3 61.9
119 31.3 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: VN076027.D

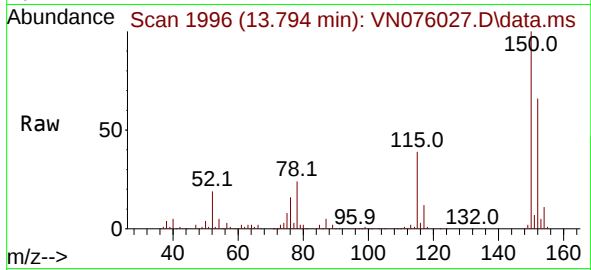
Acq: 29 Dec 2022 02:55

Instrument :

MSVOA_N

ClientSampleId :

PB149923ZHE#08



Tgt Ion:152 Resp: 21823

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.4

150 155.1 0.0 347.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022

Supervised By :Mahesh Dadoda 12/31/2022

