

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
 Data File : VN081979.D
 Acq On : 02 May 2024 16:06
 Operator : JC\MD
 Sample : P2360-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240410005-03

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 03 00:12:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	29968	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	187887	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	158476	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	80221	31.972	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.567%
60) 4-Bromofluorobenzene	12.853	95	72009	27.303	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.000%
63) Toluene-d8	10.571	98	234912	31.213	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.033%
Target Compounds						
25) Chloroform	7.971	83	16533m	4.568	ug/l	Qvalue
62) Toluene	10.630	91	14280	1.601	ug/l	95

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

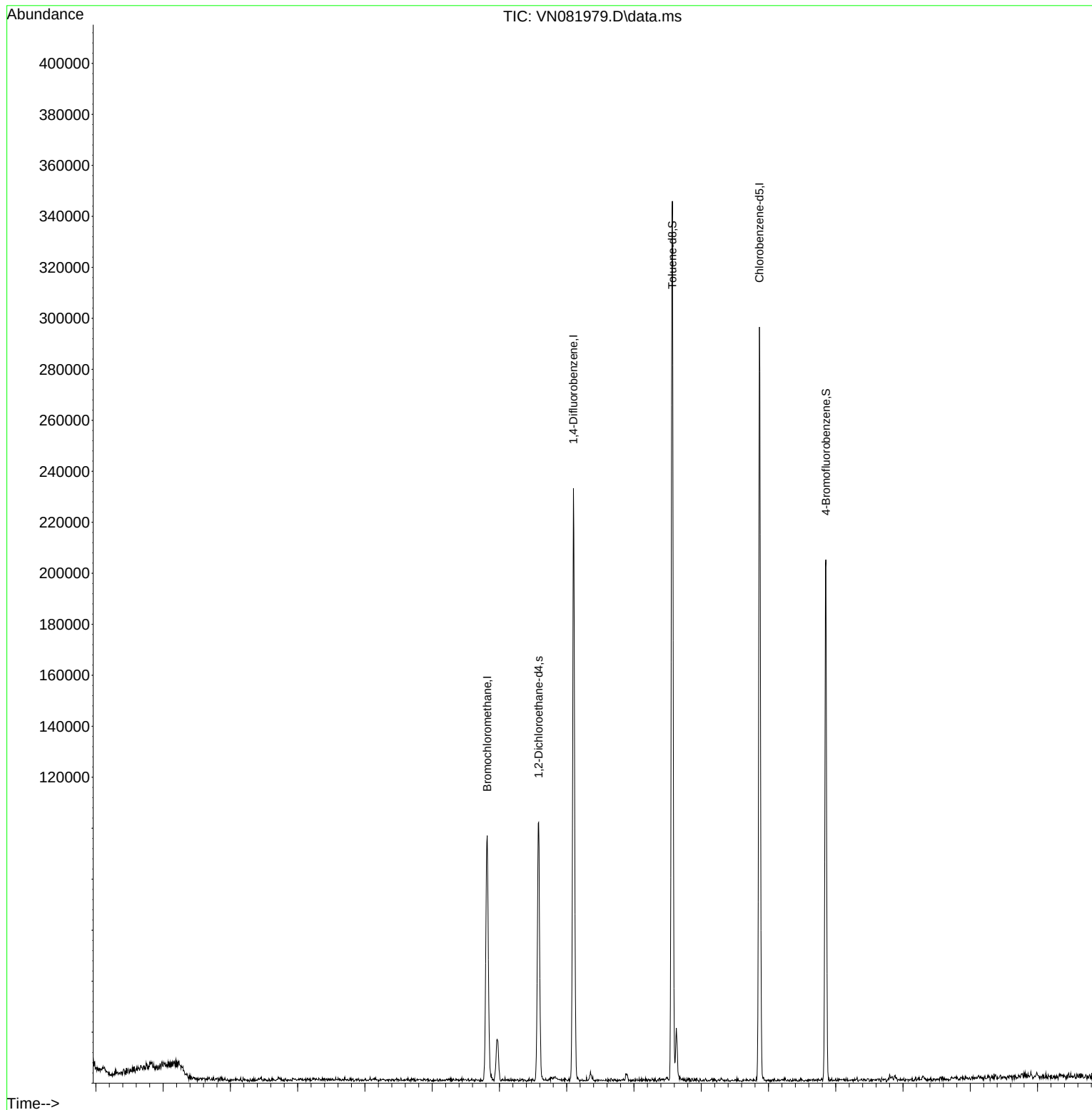
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050224\
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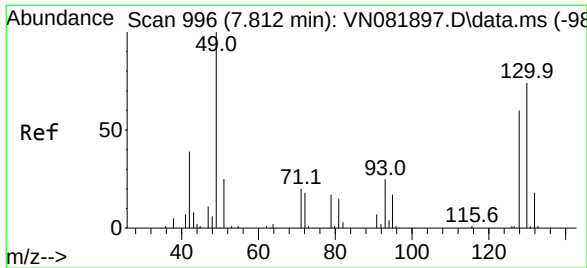
Instrument :
MSVOA_N
ClientSampleId :
240410005-03

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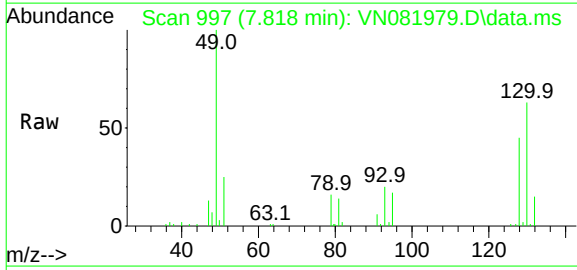
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN081979.D
Acq: 02 May 2024 16:06

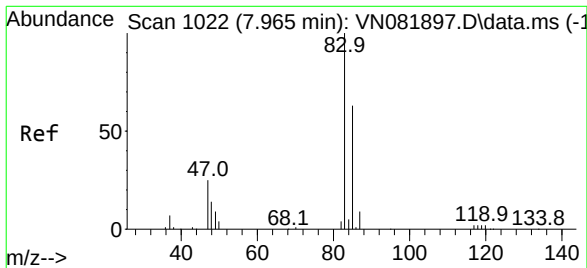
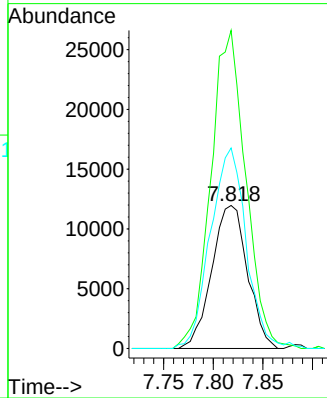
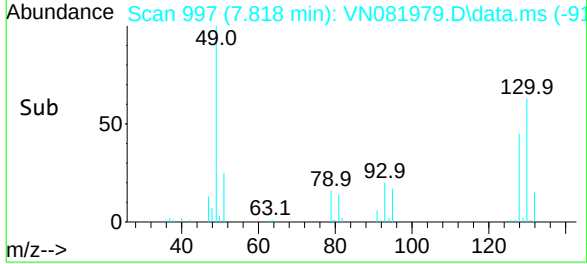
Instrument :
MSVOA_N
ClientSampleId :
240410005-03



Tgt Ion:128 Resp: 29968
Ion Ratio Lower Upper
128 100
49 216.5 0.0 403.7
130 139.7 0.0 323.3

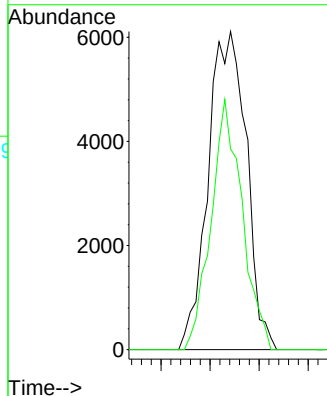
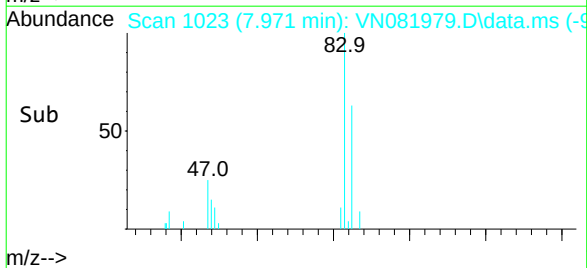
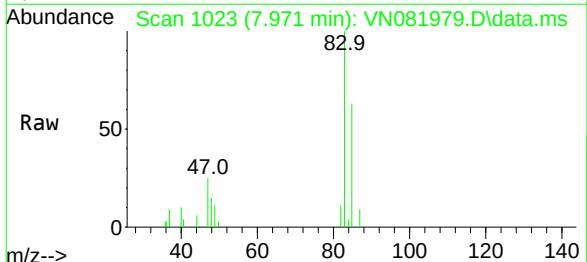
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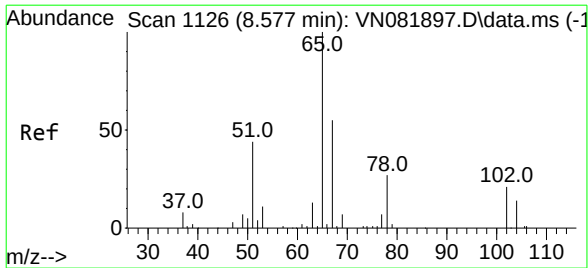
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#25
Chloroform
Concen: 4.568 ug/l m
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081979.D
Acq: 02 May 2024 16:06

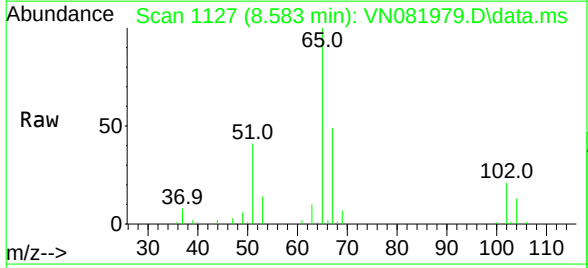
Tgt Ion: 83 Resp: 16533
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3





#27
1,2-Dichloroethane-d4
Concen: 31.972 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081979.D
Acq: 02 May 2024 16:06

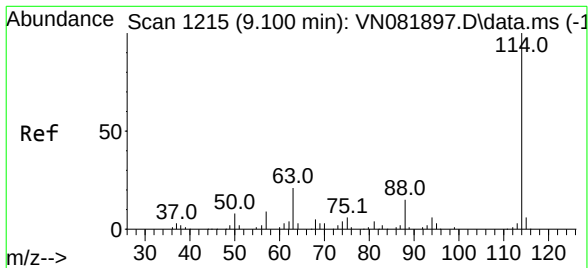
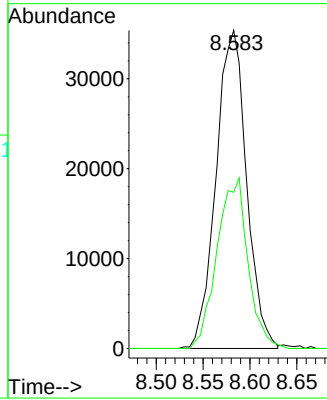
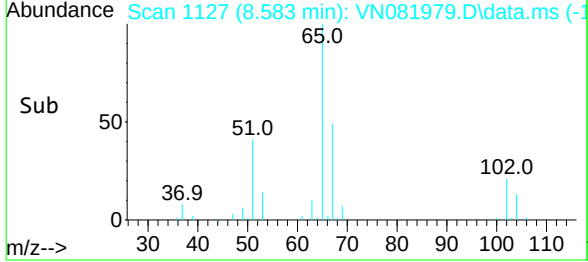
Instrument :
MSVOA_N
ClientSampleId :
240410005-03



Tgt Ion: 65 Resp: 80221
Ion Ratio Lower Upper
65 100
67 54.1 43.2 64.8

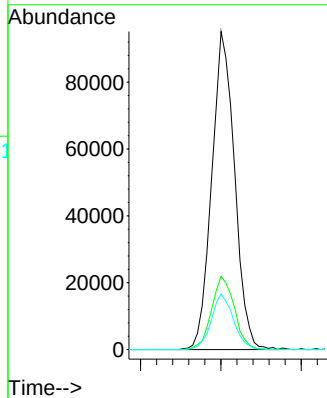
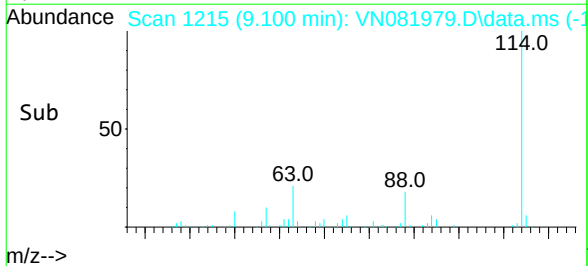
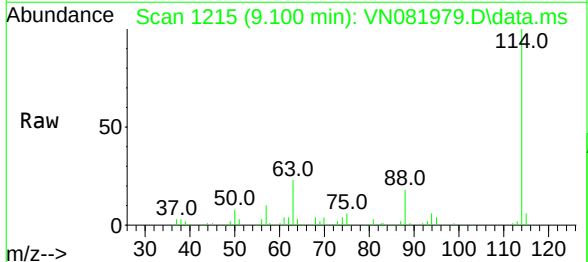
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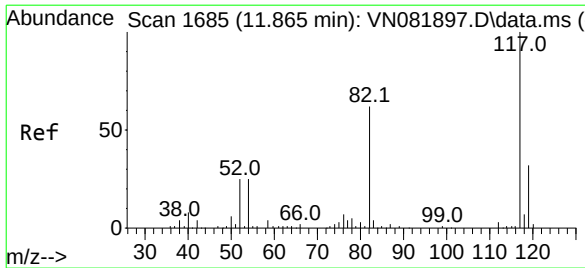
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081979.D
Acq: 02 May 2024 16:06

Tgt Ion:114 Resp: 187887
Ion Ratio Lower Upper
114 100
63 23.0 15.9 23.9
88 17.0 12.7 19.1





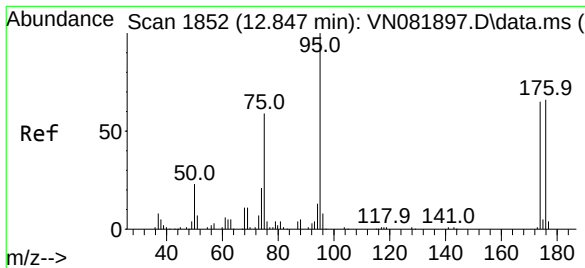
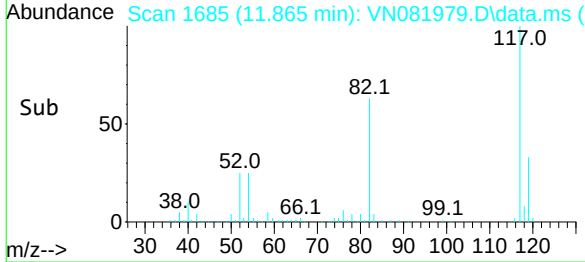
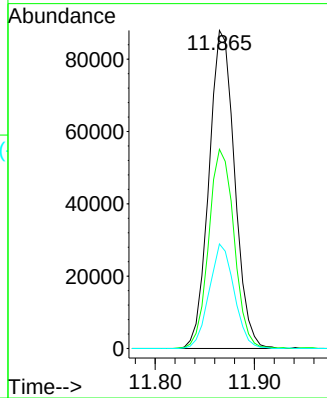
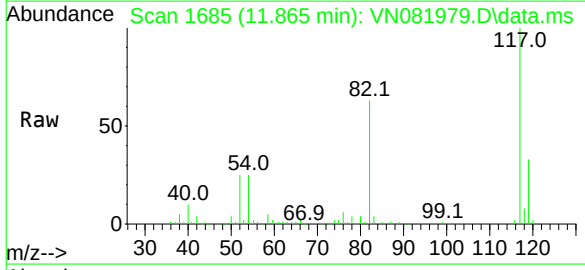
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081979.D
Acq: 02 May 2024 16:06

Instrument :
MSVOA_N
ClientSampleId :
240410005-03

Tgt Ion:	117	Resp:	158476
Ion	Ratio	Lower	Upper
117	100		
82	61.9	46.6	69.8
119	31.9	25.4	38.2

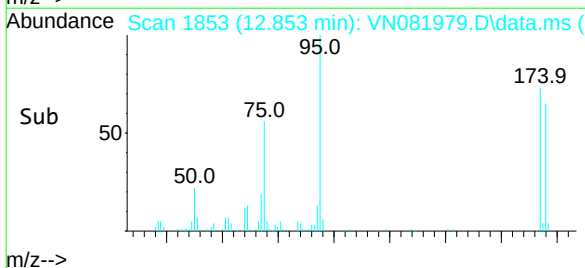
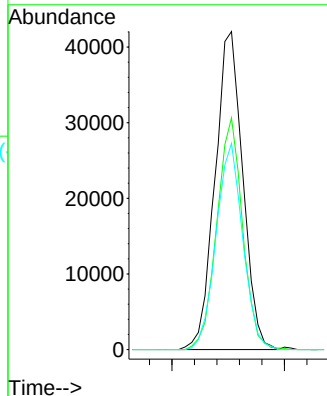
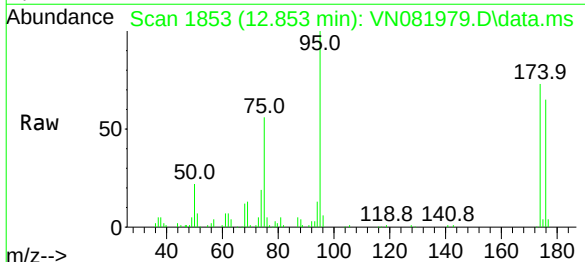
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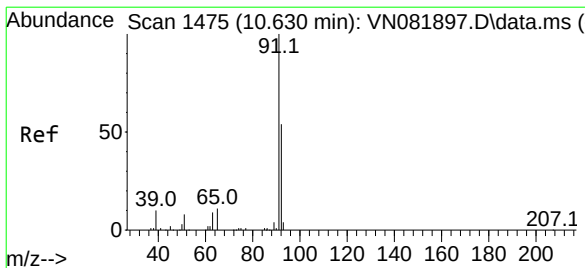
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#60
4-Bromofluorobenzene
Concen: 27.303 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081979.D
Acq: 02 May 2024 16:06

Tgt Ion:	95	Resp:	72009
Ion	Ratio	Lower	Upper
95	100		
174	67.6	60.5	90.7
176	62.4	57.8	86.6





#62

Toluene

Concen: 1.601 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081979.D

Acq: 02 May 2024 16:06

Instrument :

MSVOA_N

ClientSampleId :

240410005-03

Tgt Ion: 91 Resp: 14280

Ion Ratio Lower Upper

91 100

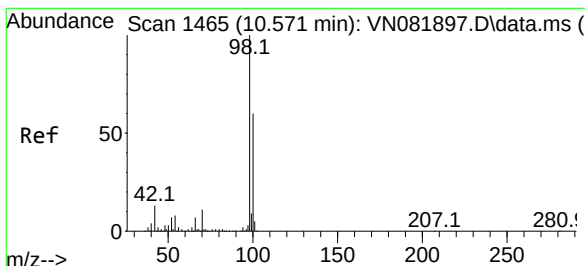
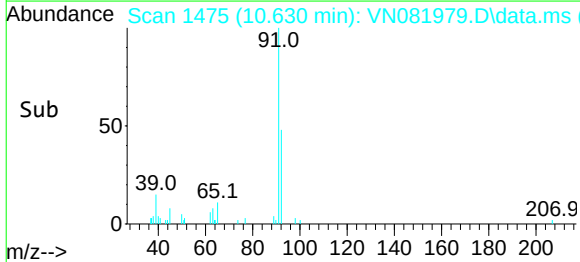
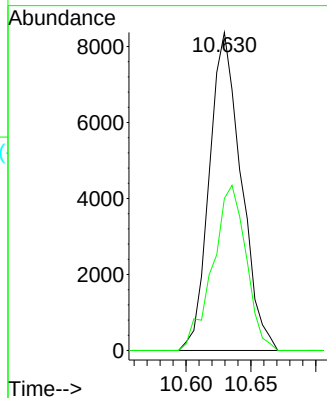
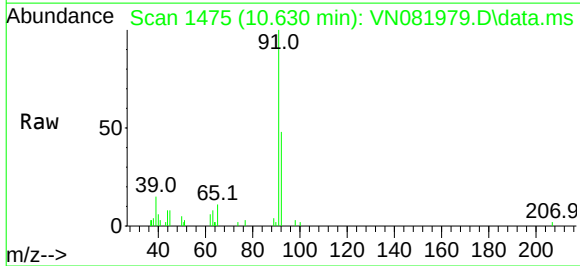
92 54.5 46.5 69.7

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/03/2024



#63

Toluene-d8

Concen: 31.213 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081979.D

Acq: 02 May 2024 16:06

Tgt Ion: 98 Resp: 234912

Ion Ratio Lower Upper

98 100

100 66.8 52.7 79.1

