

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041635.D
 Acq On : 23 May 2024 17:42
 Operator : JC/MD
 Sample : P2600-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240522051-01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 06:46:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	24369	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	135676	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	122083	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	58663	30.569	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.900%			
60) 4-Bromofluorobenzene	11.079	95	56432	29.611	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.700%			
63) Toluene-d8	8.647	98	156564	29.917	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.733%			
Target Compounds						
15) Acetone	2.398	58	13027	58.893	ug/l	99
25) Chloroform	5.105	83	10301m	3.706	ug/l	
41) Bromodichloromethane	7.830	83	1891	0.955	ug/l #	94
53) Dibromochloromethane	9.525	129	815	0.488	ug/l	83
62) Toluene	8.726	91	5118m	0.843	ug/l	
91) Naphthalene	13.780	128	2411	0.333	ug/l	97

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

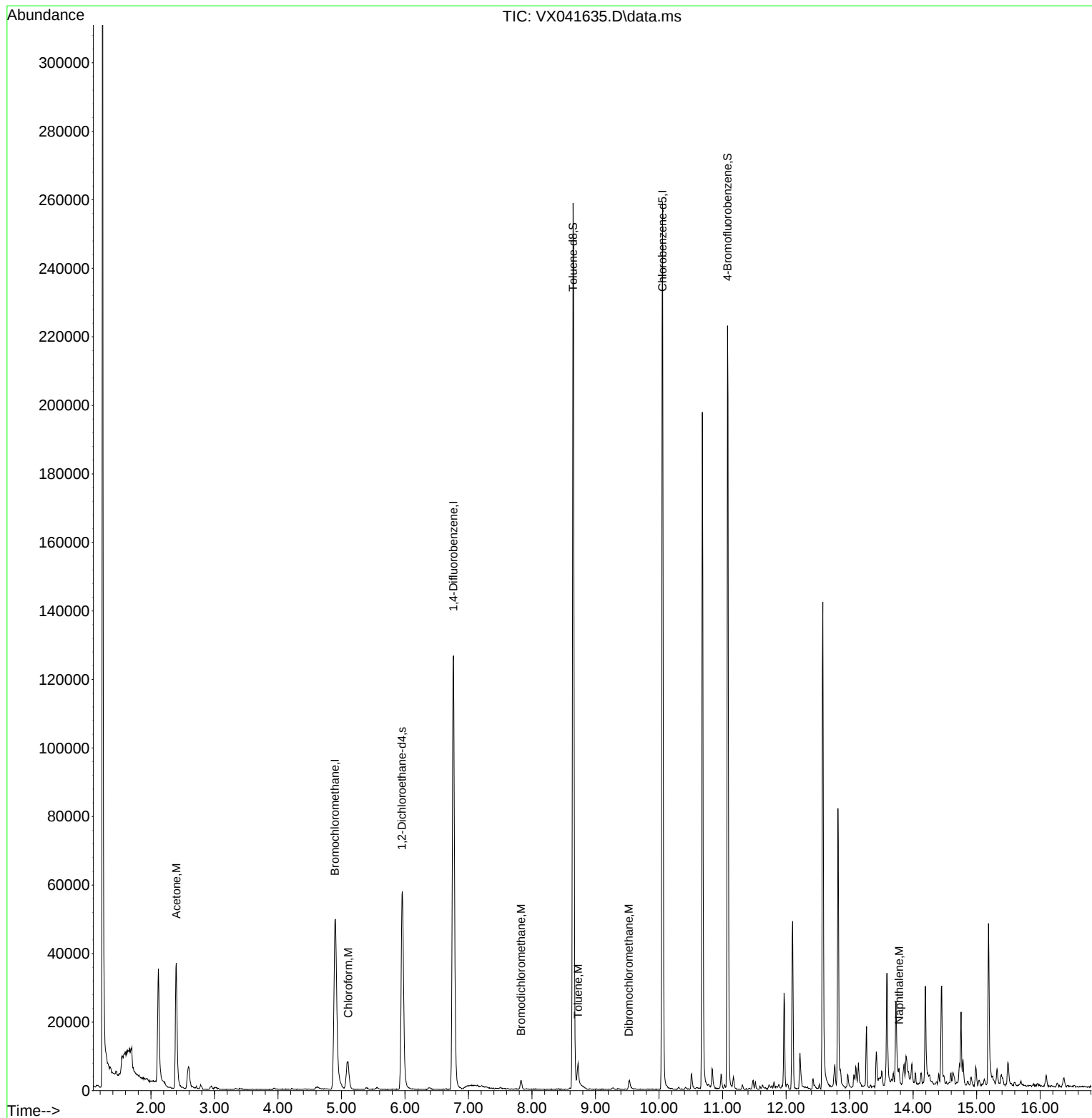
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
Data File : VX041635.D
Acq On : 23 May 2024 17:42
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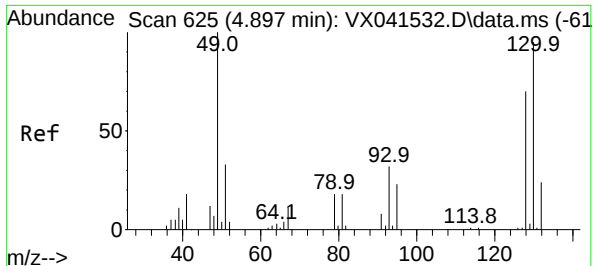
Instrument :
MSVOA_X
ClientSampleId :
240522051-01

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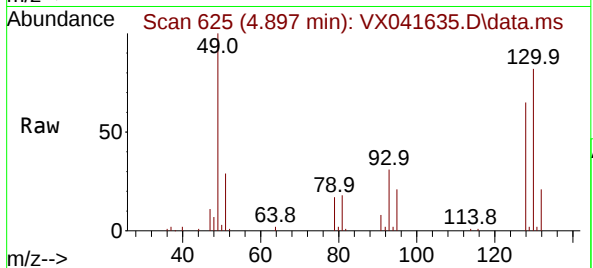
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42

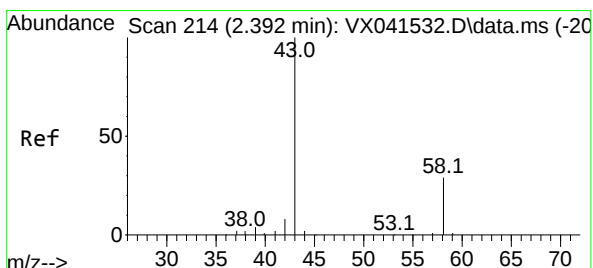
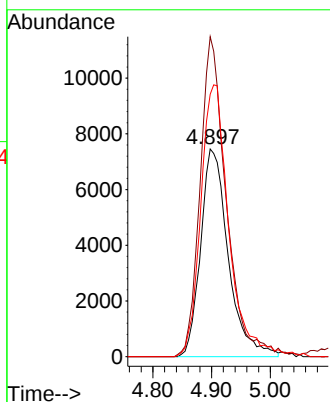
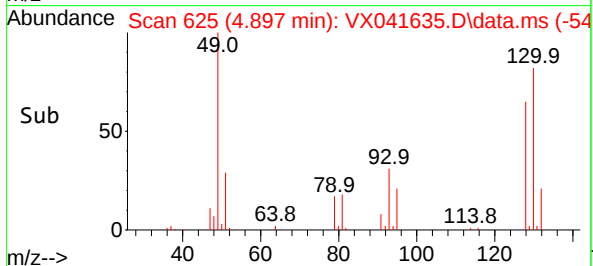
Instrument :
MSVOA_X
ClientSampleId :
240522051-01



Tgt Ion:128 Resp: 24369
Ion Ratio Lower Upper
128 100
49 141.3 0.0 361.5
130 128.5 0.0 324.3

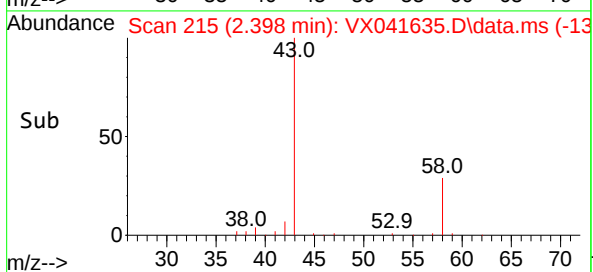
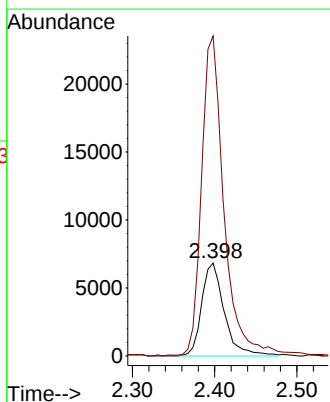
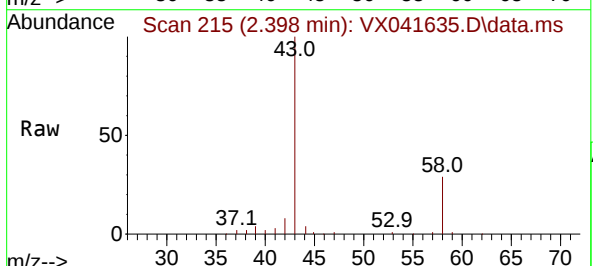
Manual Integrations
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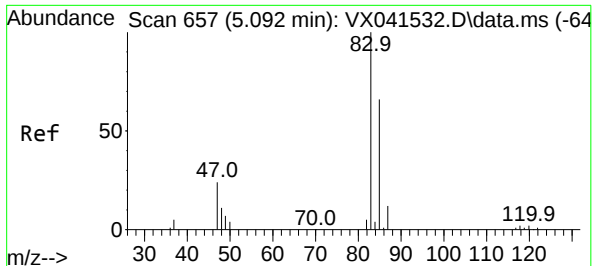
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#15
Acetone
Concen: 58.893 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42

Tgt Ion: 58 Resp: 13027
Ion Ratio Lower Upper
58 100
43 343.8 274.0 411.0





#25

Chloroform

Concen: 3.706 ug/l m

RT: 5.105 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX041635.D

Acq: 23 May 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

240522051-01

Tgt Ion: 83 Resp: 1030

Ion Ratio Lower Upper

83 100

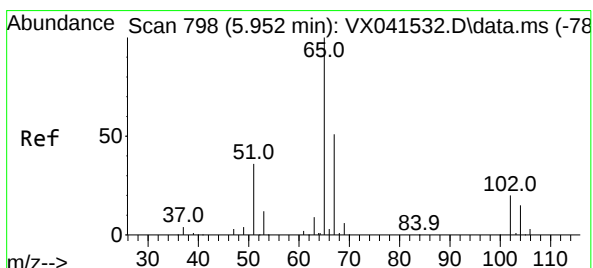
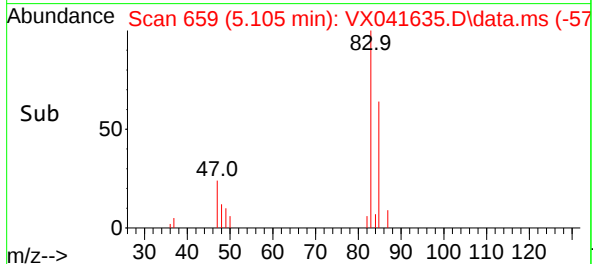
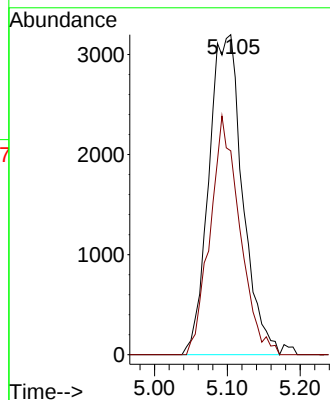
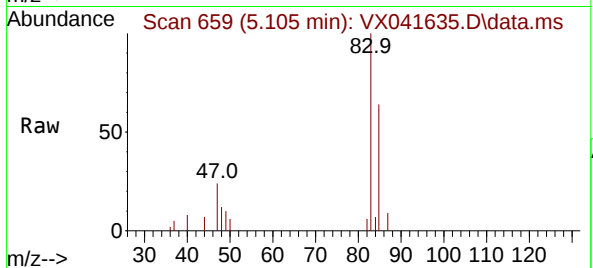
85 63.7 52.9 79.3

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/24/2024



#27

1,2-Dichloroethane-d4

Concen: 30.569 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041635.D

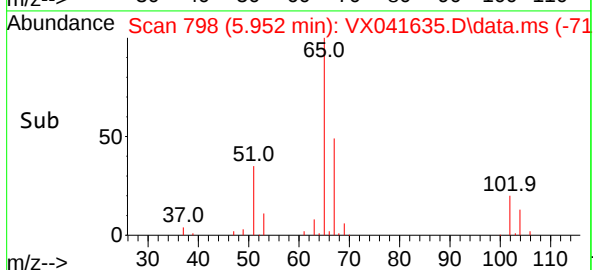
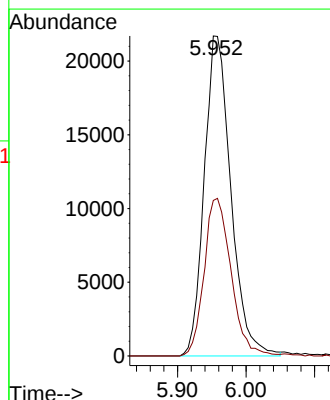
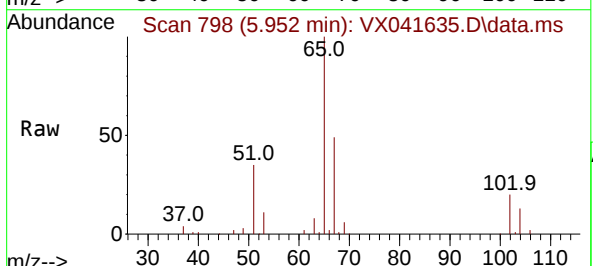
Acq: 23 May 2024 17:42

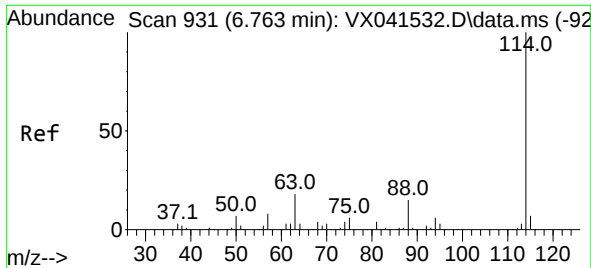
Tgt Ion: 65 Resp: 58663

Ion Ratio Lower Upper

65 100

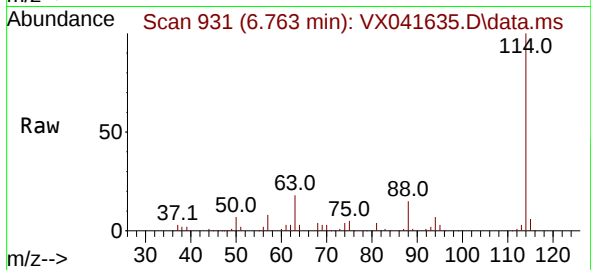
67 49.7 40.8 61.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42

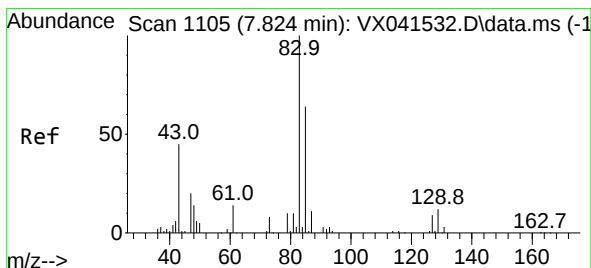
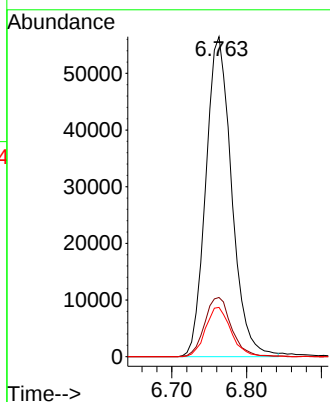
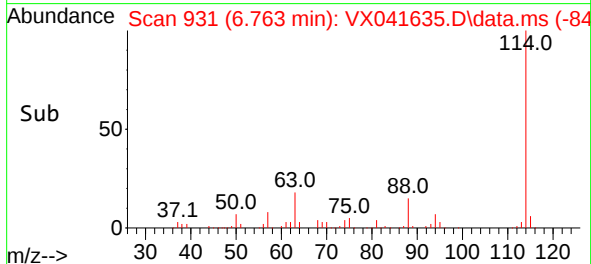
Instrument :
MSVOA_X
ClientSampleId :
240522051-01



Tgt Ion:114 Resp: 135670
Ion Ratio Lower Upper
114 100
63 19.1 15.4 23.0
88 15.3 12.2 18.2

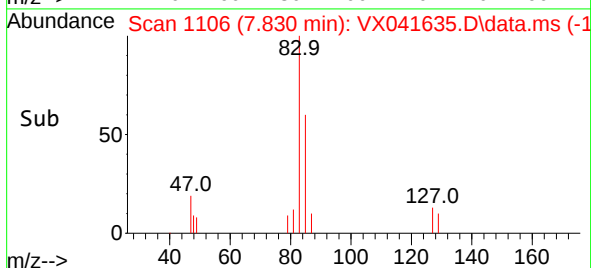
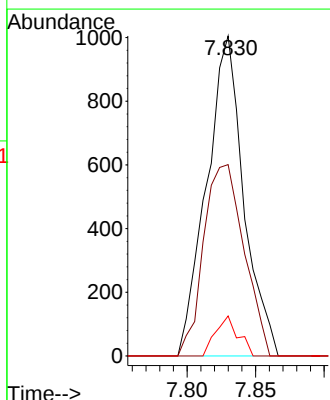
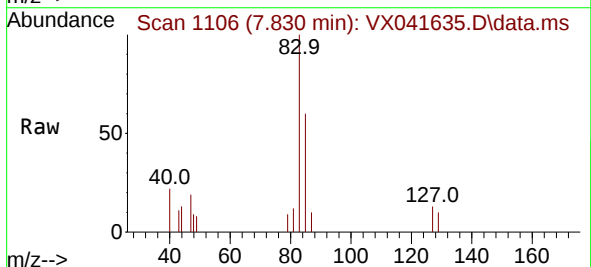
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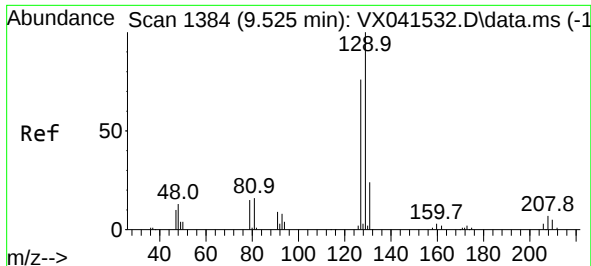
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#41
Bromodichloromethane
Concen: 0.955 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42

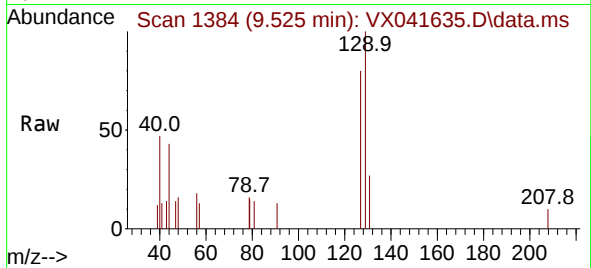
Tgt Ion: 83 Resp: 1891
Ion Ratio Lower Upper
83 100
85 59.8 51.0 76.4
127 12.5 7.1 10.7#





#53
Dibromochloromethane
Concen: 0.488 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42

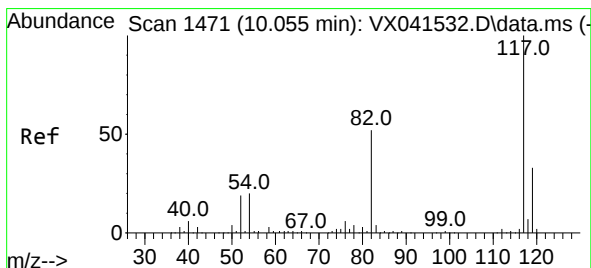
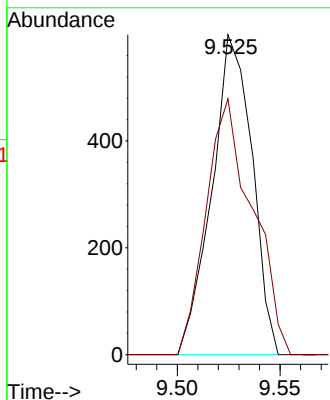
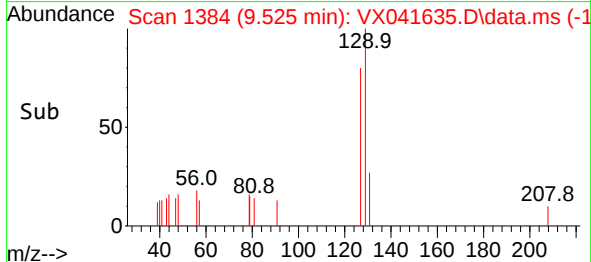
Instrument :
MSVOA_X
ClientSampleId :
240522051-01



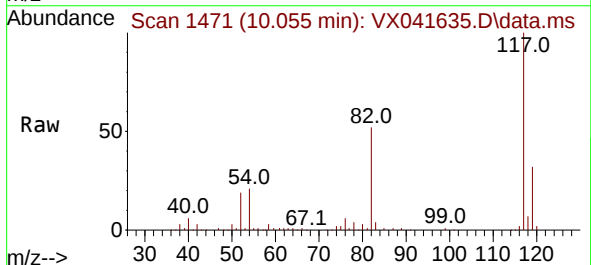
Tgt Ion:129 Resp: 815
Ion Ratio Lower Upper
129 100
127 92.4 38.9 116.7

Manual Integrations
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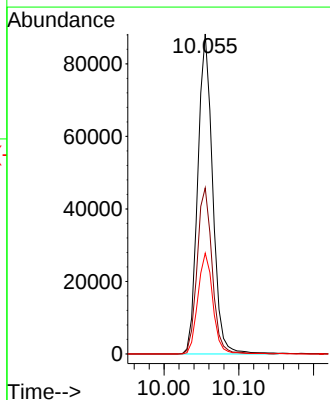
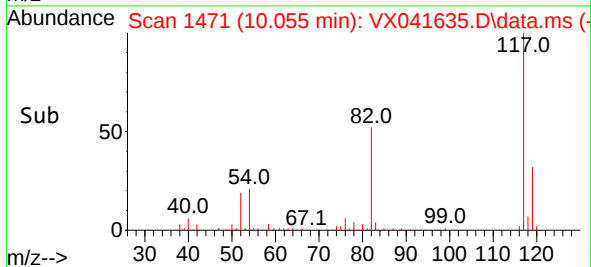
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

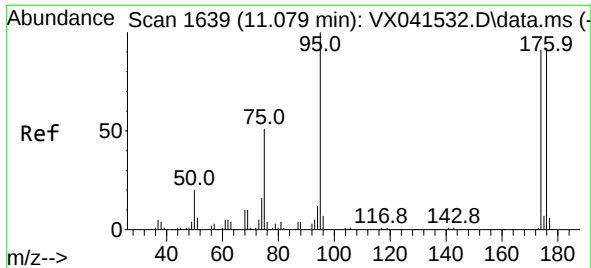


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42



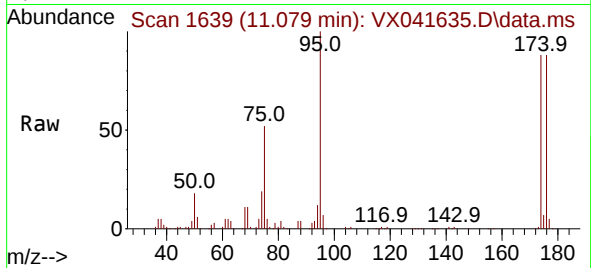
Tgt Ion:117 Resp: 122083
Ion Ratio Lower Upper
117 100
82 52.0 41.7 62.5
119 31.7 25.7 38.5





#60
4-Bromofluorobenzene
Concen: 29.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42

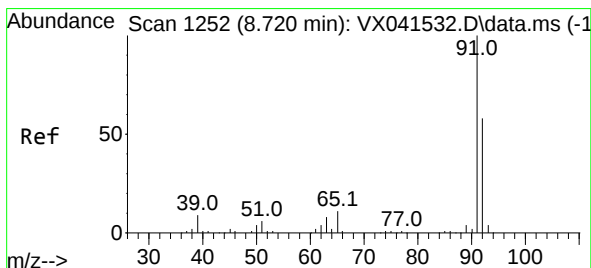
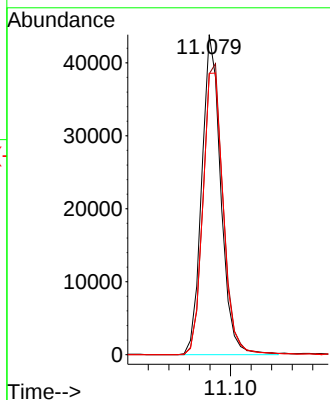
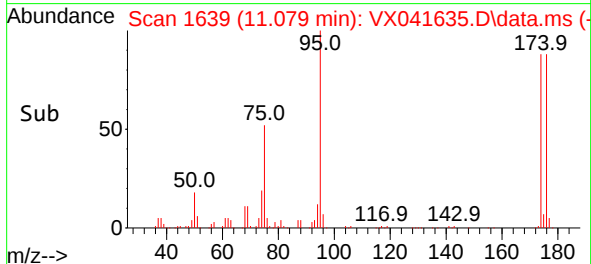
Instrument :
MSVOA_X
ClientSampleId :
240522051-01



Tgt Ion: 95 Resp: 5643
Ion Ratio Lower Upper
95 100
174 95.6 76.6 115.0
176 94.4 75.4 113.0

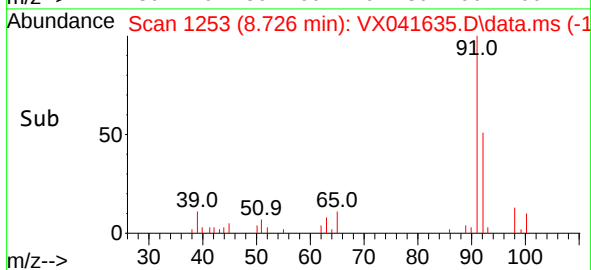
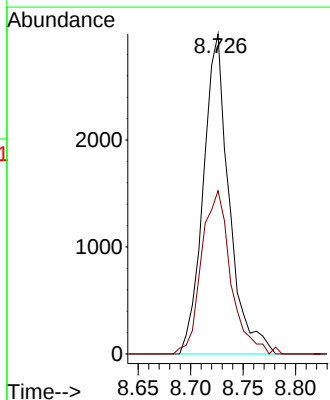
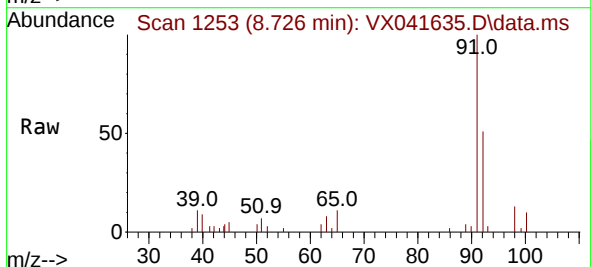
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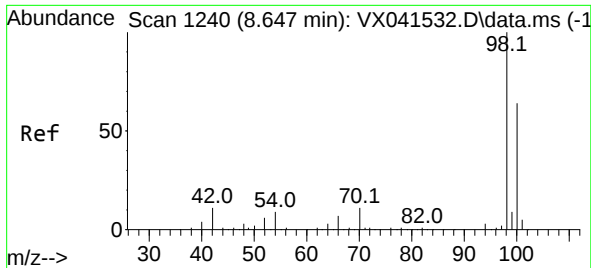
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#62
Toluene
Concen: 0.843 ug/l m
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42

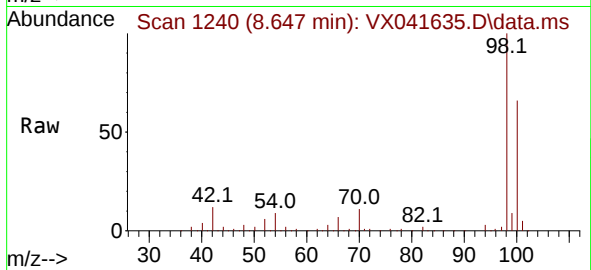
Tgt Ion: 91 Resp: 5118
Ion Ratio Lower Upper
91 100
92 57.4 47.0 70.6





#63
Toluene-d8
Concen: 29.917 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42

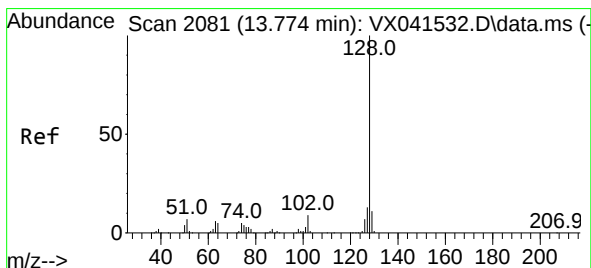
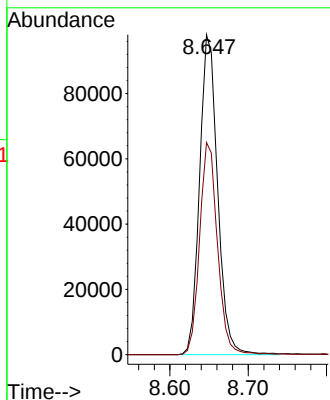
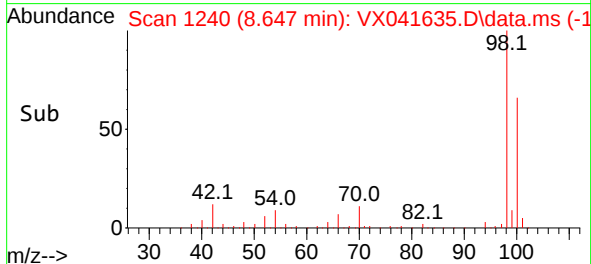
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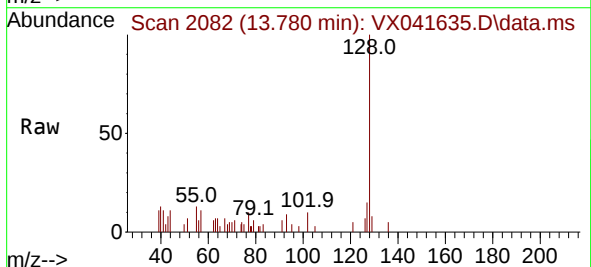
Tgt Ion: 98 Resp: 156564
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#91
Naphthalene
Concen: 0.333 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041635.D
Acq: 23 May 2024 17:42



Tgt Ion:128 Resp: 2411
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 9.0 8.8 13.2

