

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078542.D
 Acq On : 23 Feb 2024 18:07
 Operator : RP/MD
 Sample : P1584-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-02232024

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

Quant Time: Feb 24 00:25:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	107681	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	204411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42867	36.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.640%
35) Dibromofluoromethane	7.805	113	63078	48.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.269	98	265383	51.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.575	95	103962	68.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	137.560%
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.787	106	6887	1.970	ug/l	99
69) o-Xylene	12.122	106	4399	1.379	ug/l	95
78) n-propylbenzene	12.763	91	16406	1.433	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	23086	3.027	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	108743	14.049	ug/l	96
89) n-Butylbenzene	13.787	91	27243m	3.327	ug/l	

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

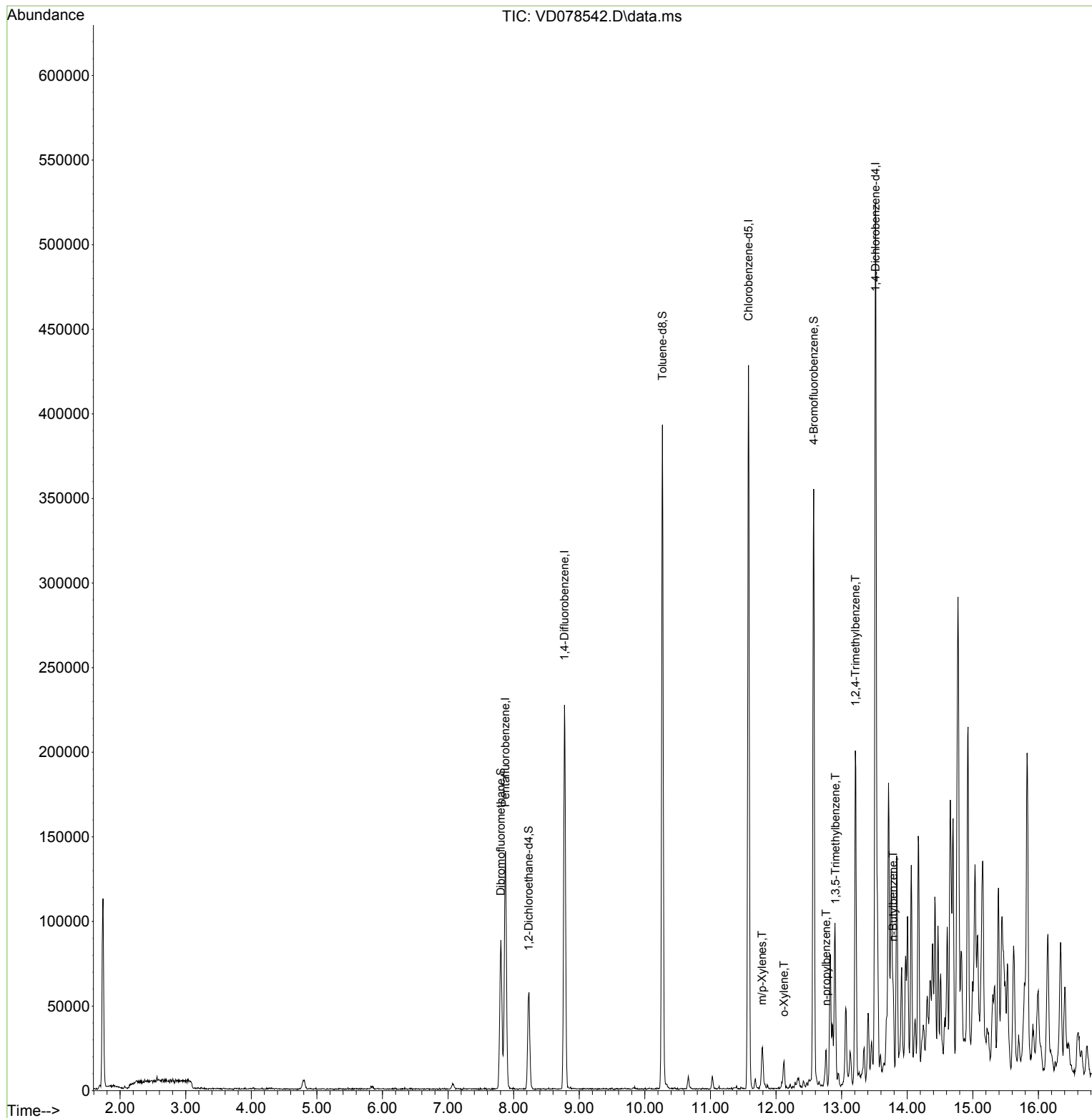
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
Data File : VD078542.D
Acq On : 23 Feb 2024 18:07
Operator : RP/MD
Sample : P1584-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

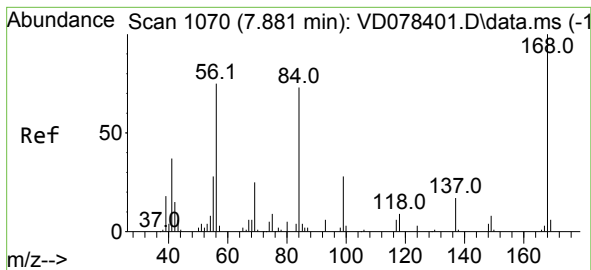
Instrument :
MSVOA_D
ClientSampleId :
AU-06-02232024

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Supervised By : Semsettin Yesilyurt 02/26/2024

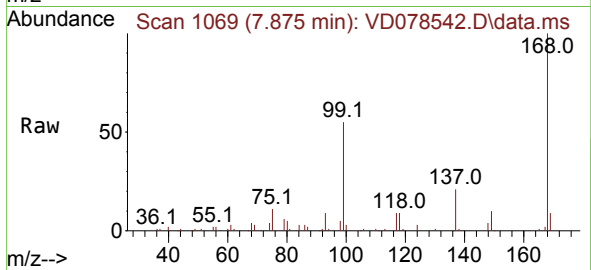
Quant Time: Feb 24 00:25:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07

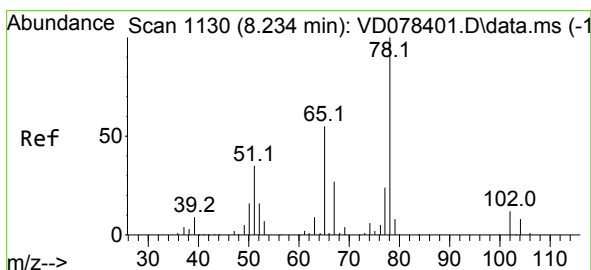
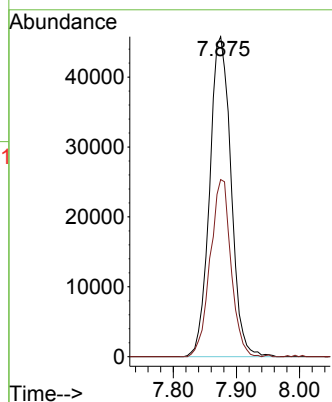
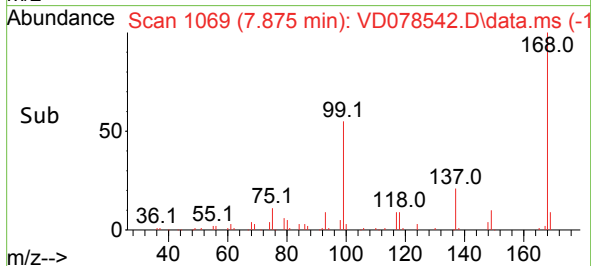
Instrument :
MSVOA_D
ClientSampleId :
AU-06-02232024



Tgt Ion:168 Resp: 10768
Ion Ratio Lower Upper
168 100
99 55.4 36.7 55.1

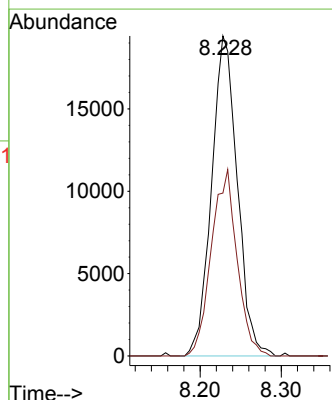
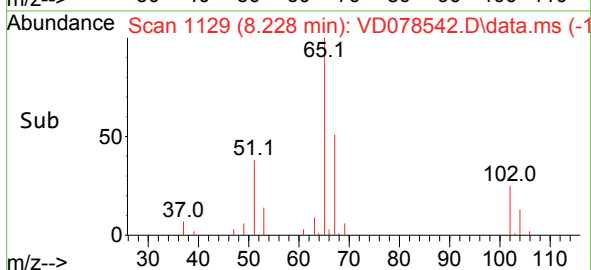
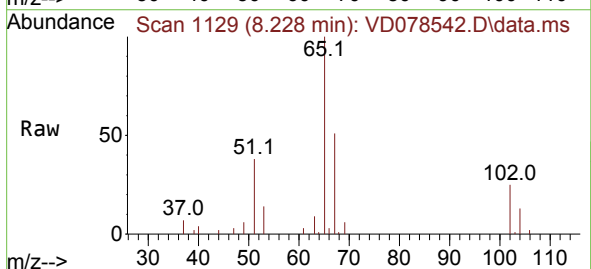
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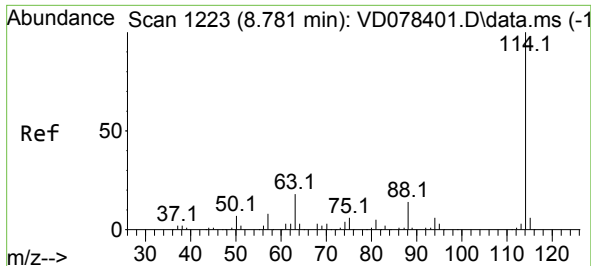
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#33
1,2-Dichloroethane-d4
Concen: 36.818 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07

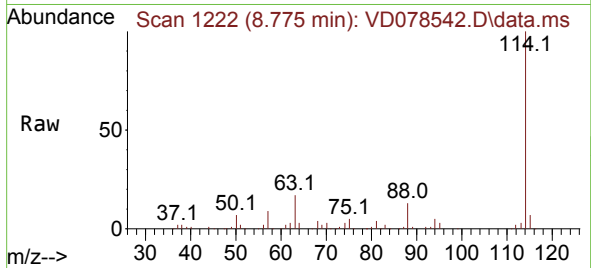
Tgt Ion: 65 Resp: 42867
Ion Ratio Lower Upper
65 100
67 58.2 0.0 115.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. -0.006 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07

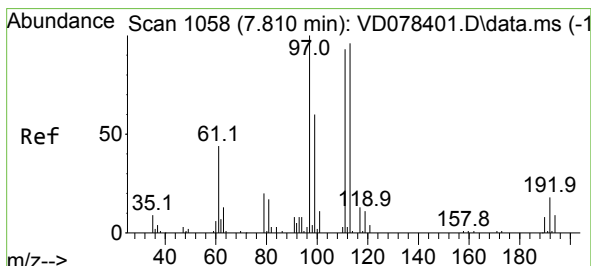
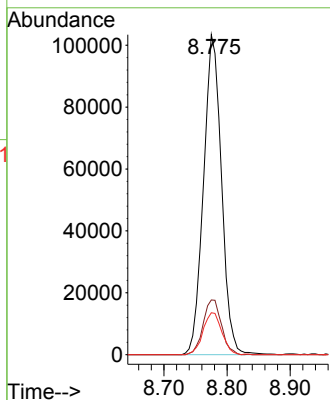
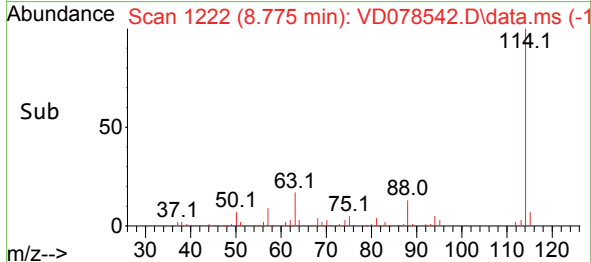
Instrument :
MSVOA_D
ClientSampleId :
AU-06-02232024



Tgt Ion:114 Resp: 20441
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.4
88 13.1 0.0 26.2

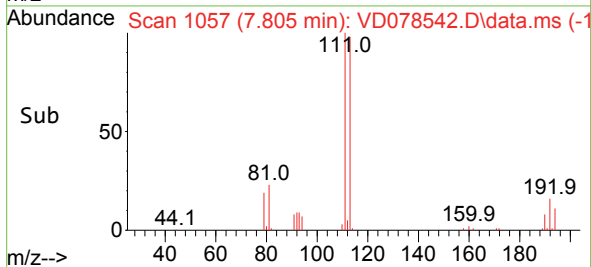
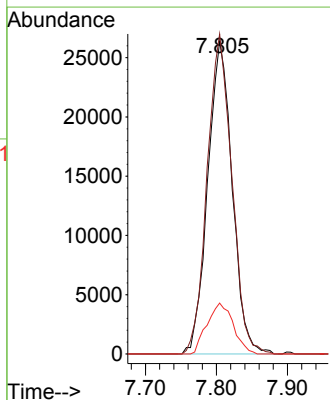
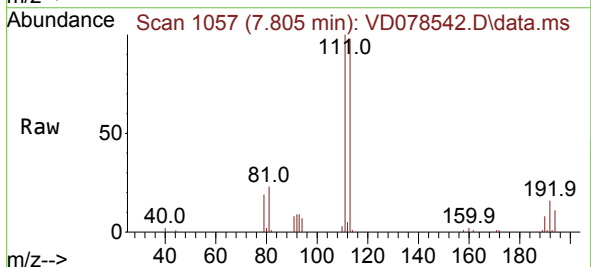
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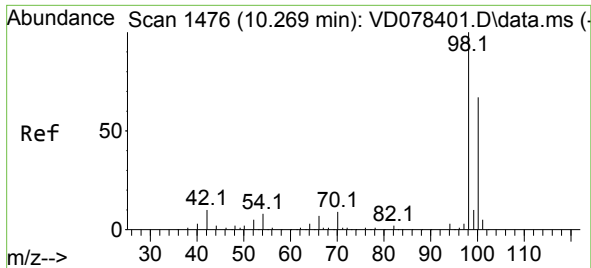
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#35
Dibromofluoromethane
Concen: 48.579 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07

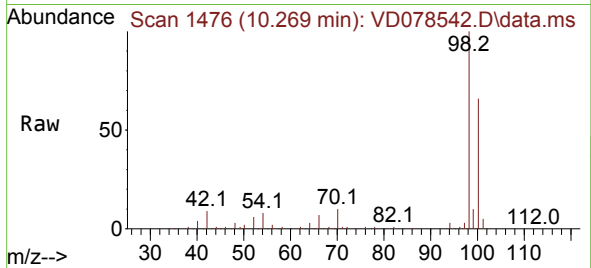
Tgt Ion:113 Resp: 63078
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 17.5 16.8 25.2





#50
Toluene-d8
Concen: 51.093 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07

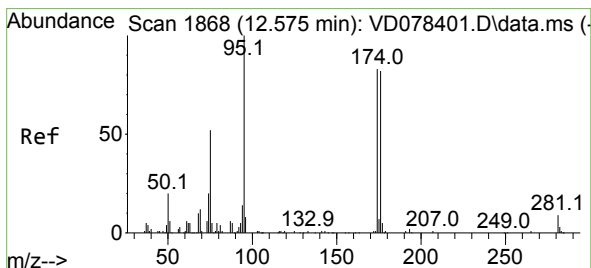
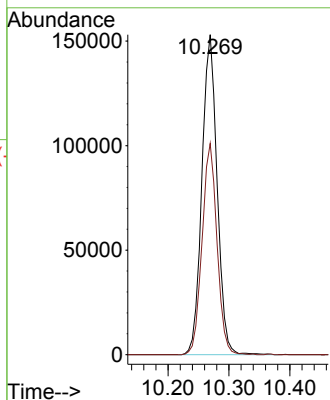
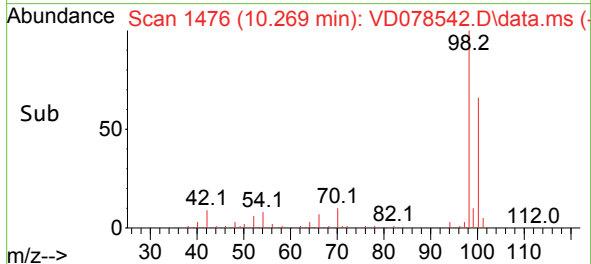
Instrument :
MSVOA_D
ClientSampleId :
AU-06-02232024



Tgt Ion: 98 Resp: 26538
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5

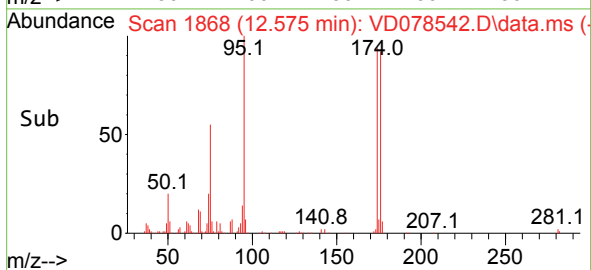
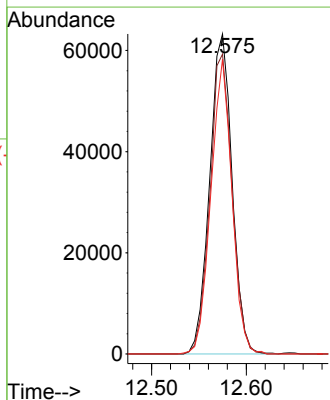
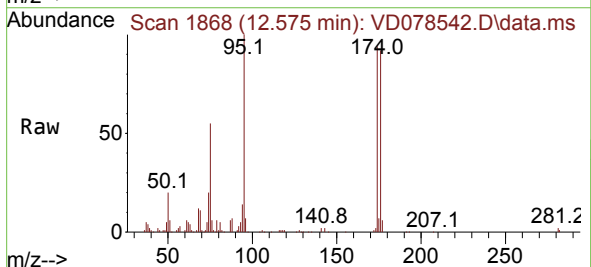
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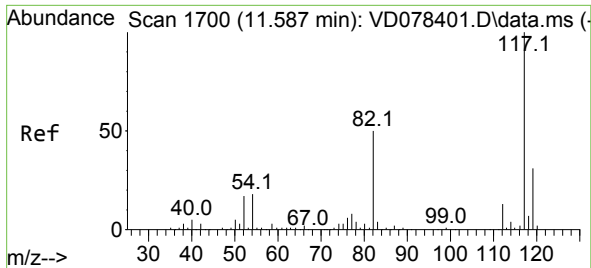
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#62
4-Bromofluorobenzene
Concen: 68.779 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07

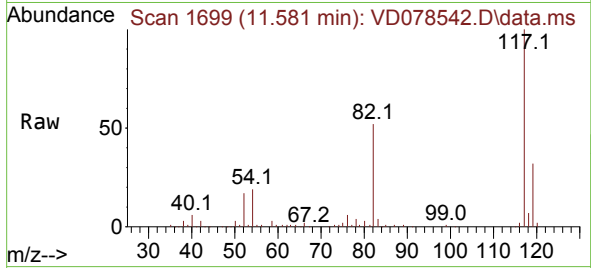
Tgt Ion: 95 Resp: 103962
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 86.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07

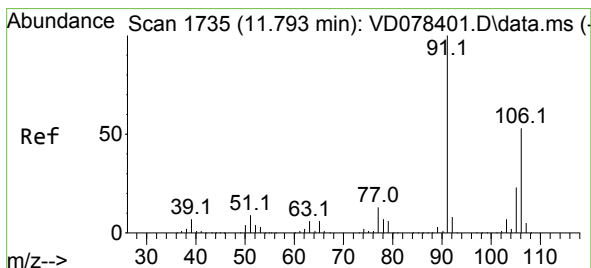
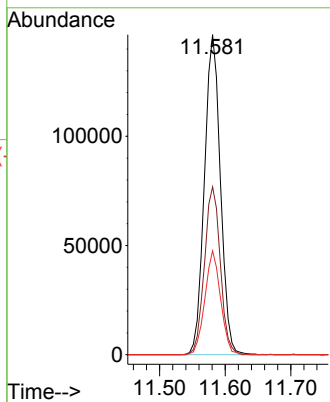
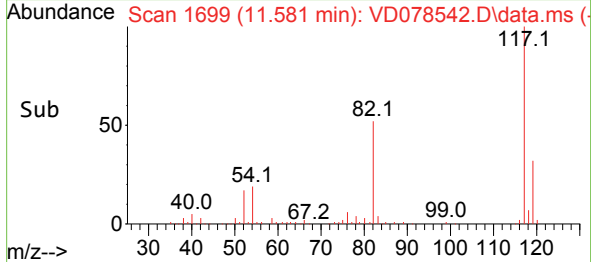
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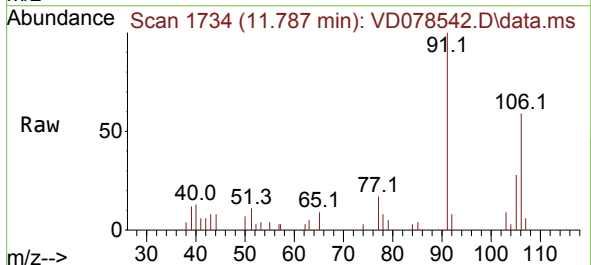
Tgt Ion:117 Resp: 248850
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 32.4 25.0 37.4

Manual Integrations
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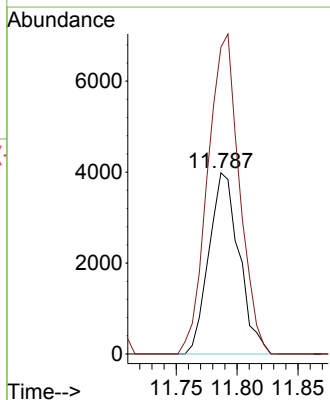
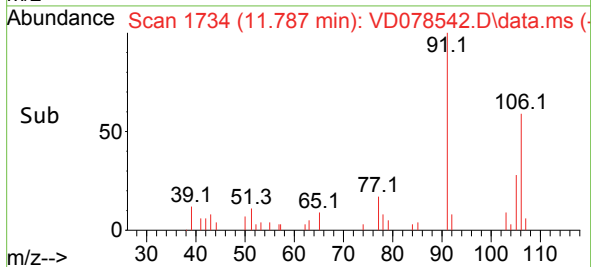
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

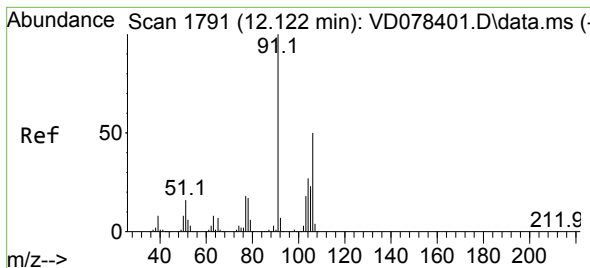


#68
m/p-Xylenes
Concen: 1.970 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07



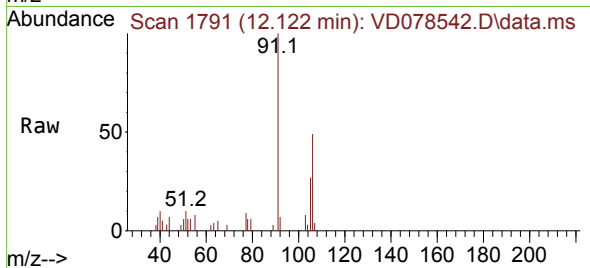
Tgt Ion:106 Resp: 6887
Ion Ratio Lower Upper
106 100
91 185.1 147.0 220.6





#69
o-Xylene
Concen: 1.379 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07

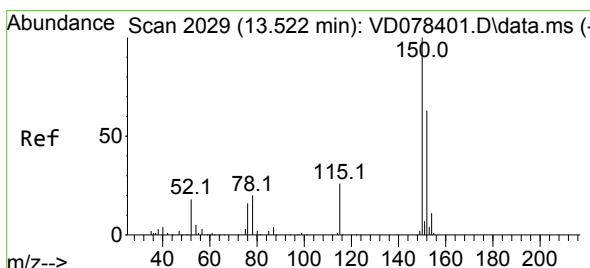
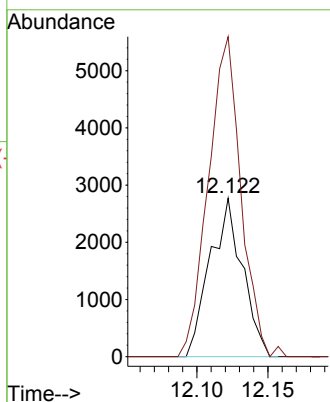
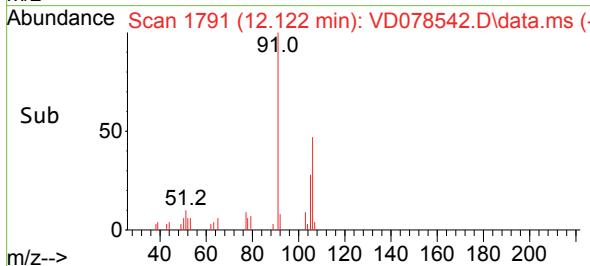
Instrument :
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AU-06-02232024



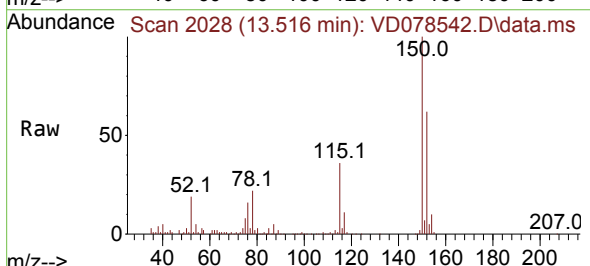
Tgt Ion:106 Resp: 4398
Ion Ratio Lower Upper
106 100
91 203.2 97.9 293.6

Manual Integrations
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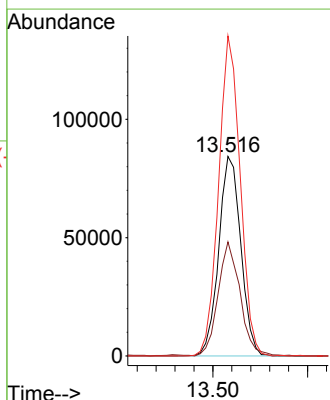
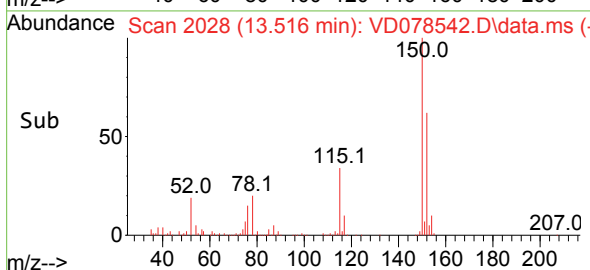
Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024

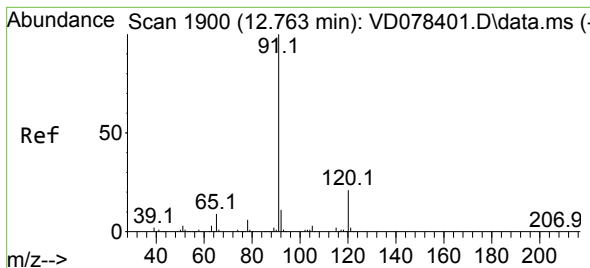


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07



Tgt Ion:152 Resp: 136779
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 156.6 0.0 353.6





#78

n-propylbenzene

Concen: 1.433 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078542.D

Acq: 23 Feb 2024 18:07

Instrument :

MSVOA_D

ClientSampleId :

AU-06-02232024

Tgt Ion: 91 Resp: 16400

Ion Ratio Lower Upper

91 100

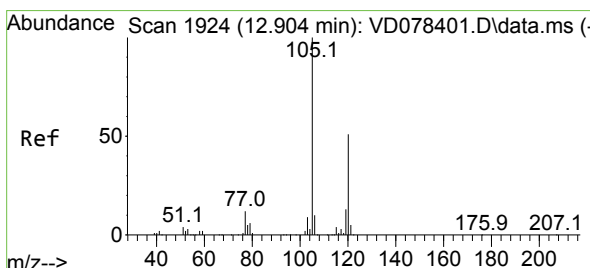
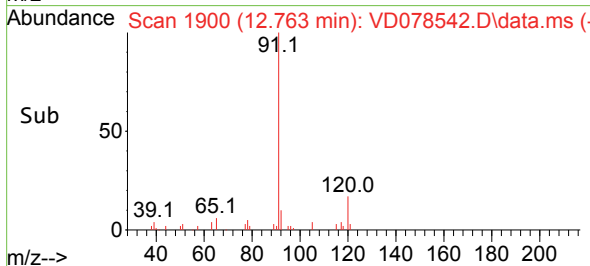
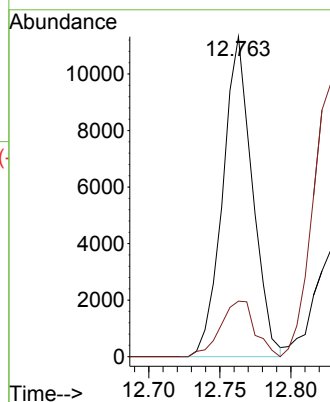
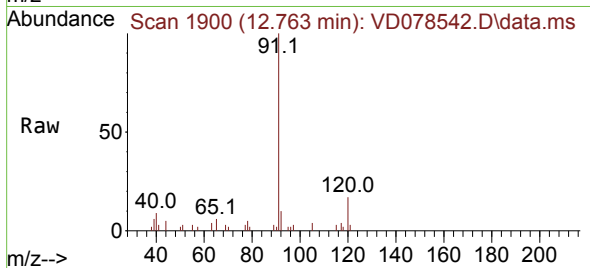
120 20.2 12.4 37.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 02/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 3.027 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078542.D

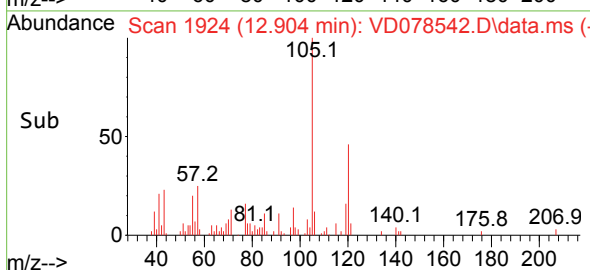
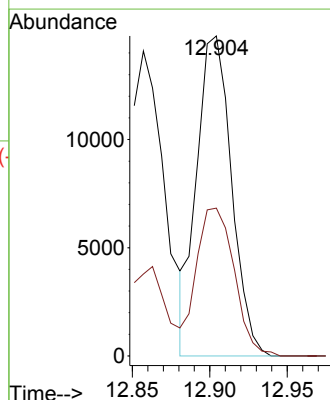
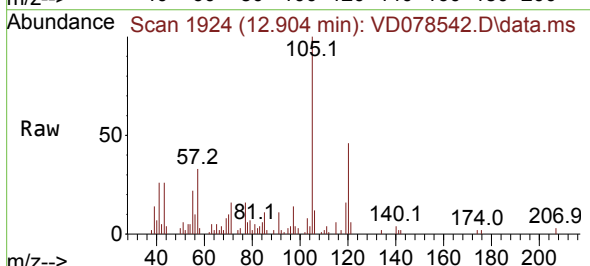
Acq: 23 Feb 2024 18:07

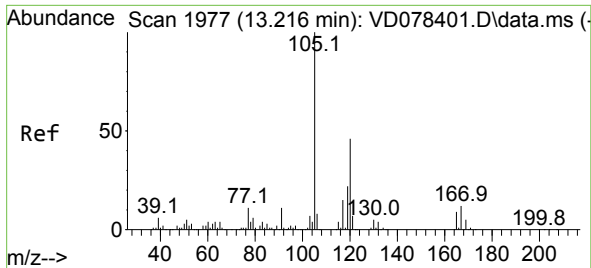
Tgt Ion:105 Resp: 23086

Ion Ratio Lower Upper

105 100

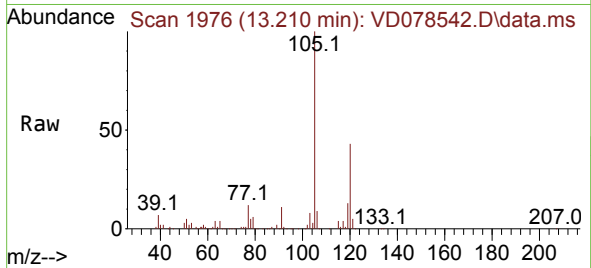
120 50.1 26.4 79.2





#84
1,2,4-Trimethylbenzene
Concen: 14.049 ug/l
RT: 13.210 min Scan# 1977
Delta R.T. -0.006 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07

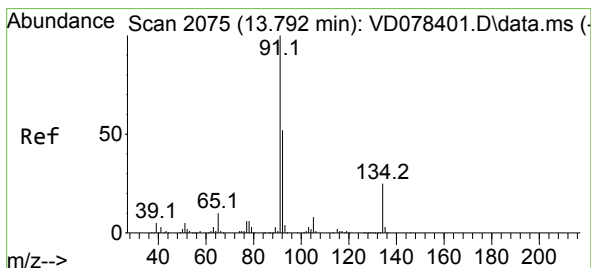
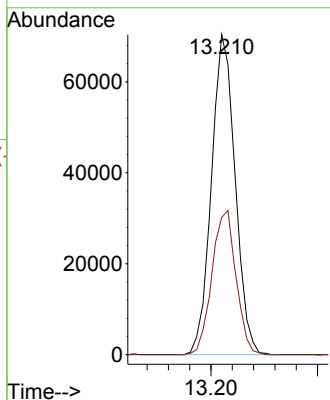
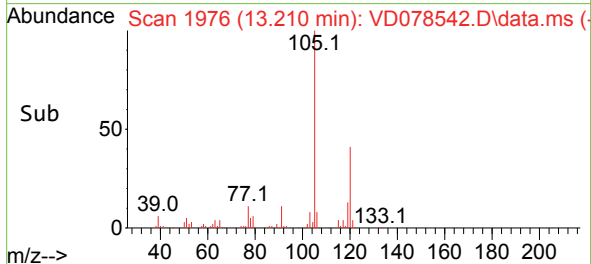
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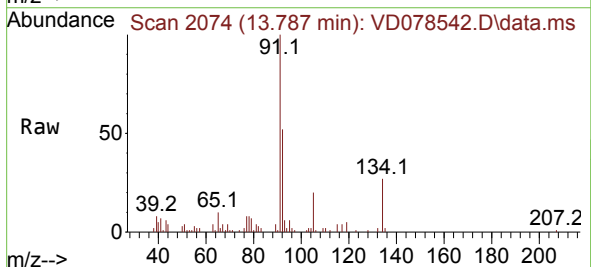
Tgt Ion:105 Resp: 10874
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9

Manual Integrations
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Reviewed By :Mahesh Dadoda 02/26/2024
Supervised By :Semsettin Yesilyurt 02/26/2024



#89
n-Butylbenzene
Concen: 3.327 ug/l m
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078542.D
Acq: 23 Feb 2024 18:07



Tgt Ion: 91 Resp: 27243
Ion Ratio Lower Upper
91 100
92 54.1 26.5 79.5
134 0.0 13.8 41.3#

