

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076422.D
 Acq On : 14 Jun 2023 17:03
 Operator : KP/SY
 Sample : 03222-11
 Misc : 4.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-4-SB-26

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 05:34:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	32152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	64972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	50842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	15357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33407	89.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.920%#	
35) Dibromofluoromethane	7.799	113	25647	61.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.160%	
50) Toluene-d8	10.269	98	72846	45.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.560%	
62) 4-Bromofluorobenzene	12.575	95	19245	35.252	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.500%	
Target Compounds					Qvalue	
16) Acetone	4.017	43	3605m	44.158	ug/l	

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

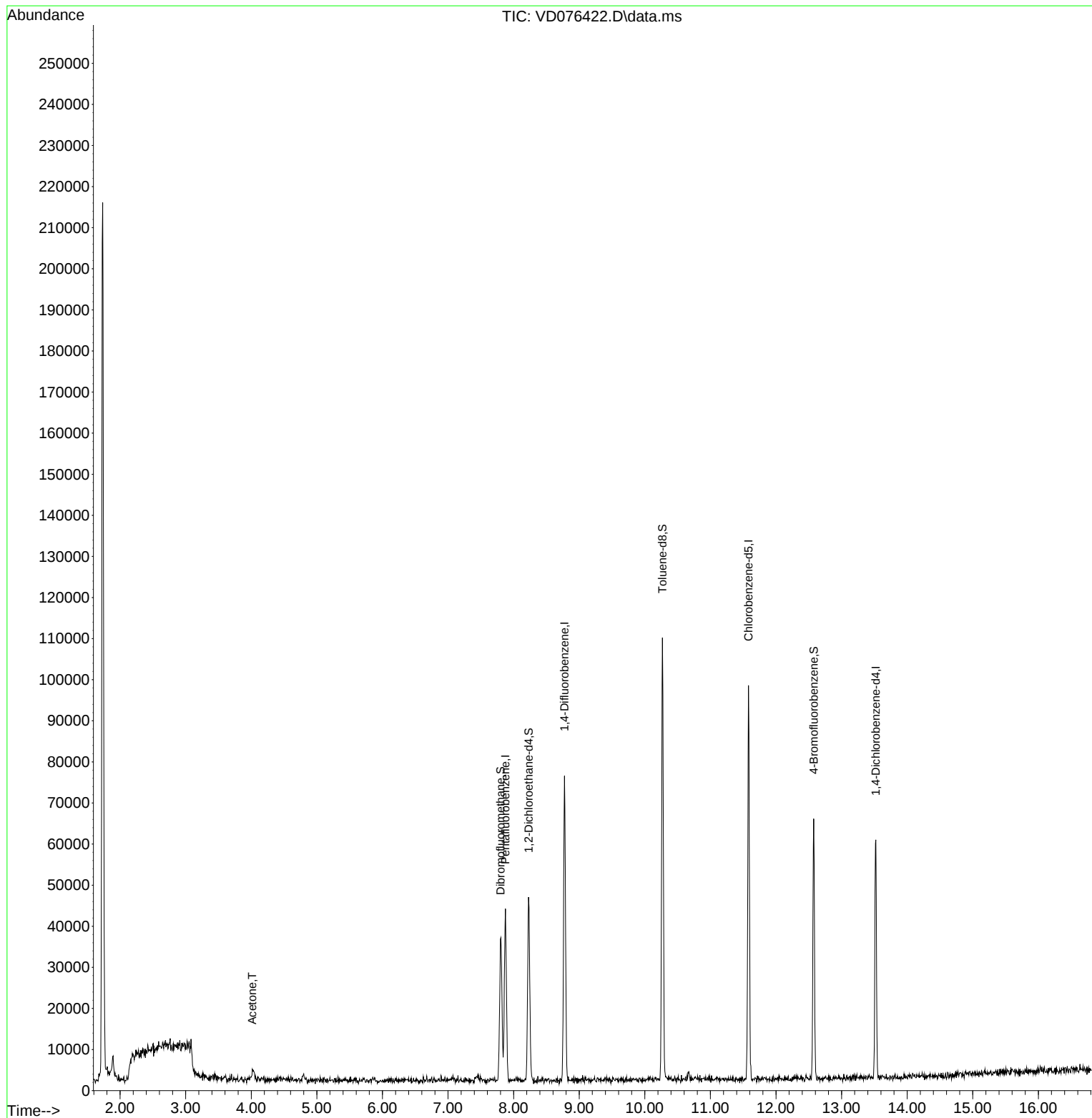
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
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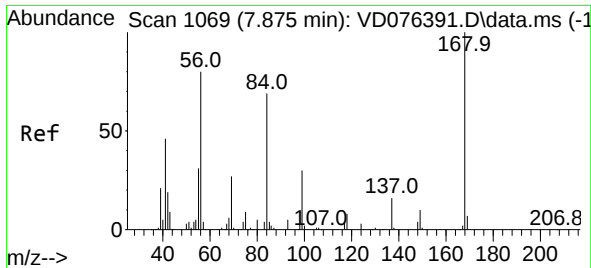
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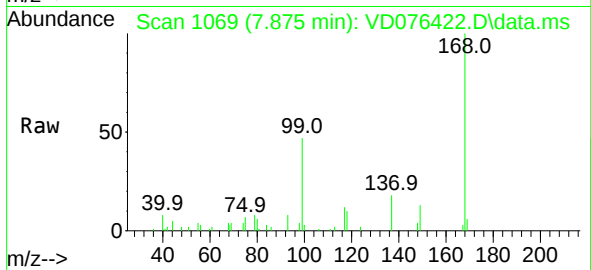
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076422.D
Acq: 14 Jun 2023 17:03

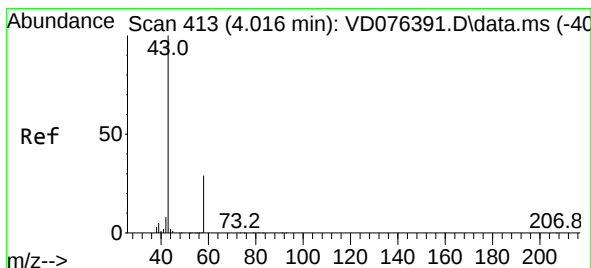
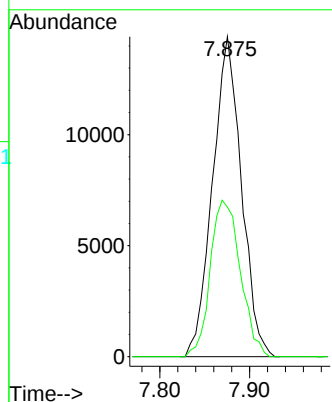
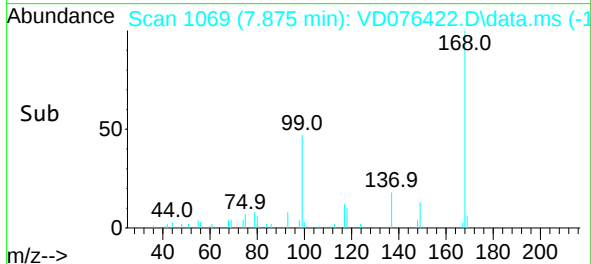
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-4-SB-26



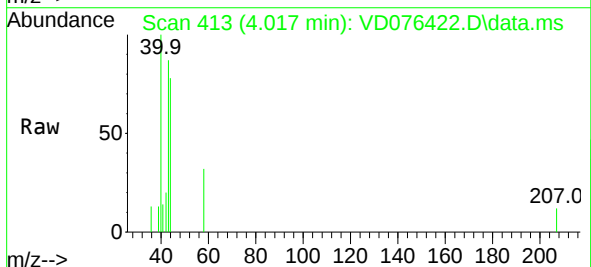
Tgt Ion:168 Resp: 3215
Ion Ratio Lower Upper
168 100
99 46.7 36.7 55.1

Manual Integrations
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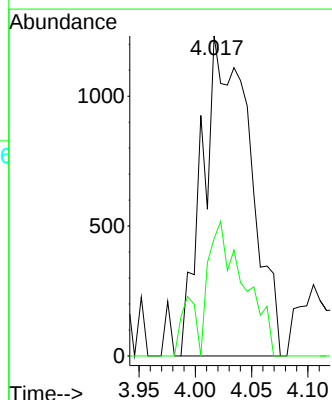
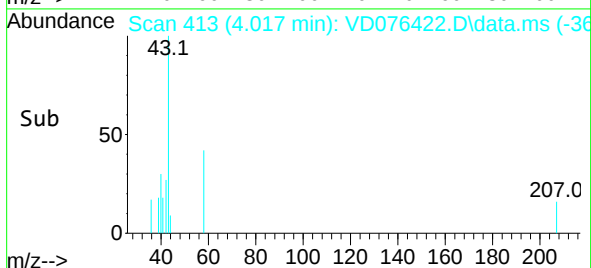
Reviewed By :Krupa Patel 06/15/2023
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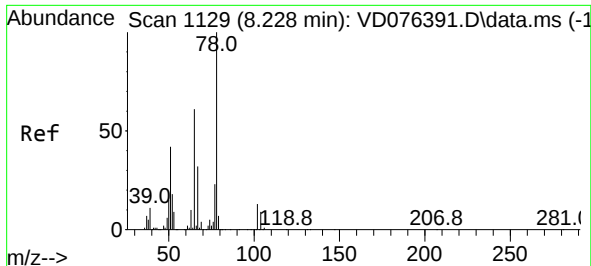


#16
Acetone
Concen: 44.158 ug/l m
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076422.D
Acq: 14 Jun 2023 17:03



Tgt Ion: 43 Resp: 3605
Ion Ratio Lower Upper
43 100
58 36.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 89.957 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076422.D

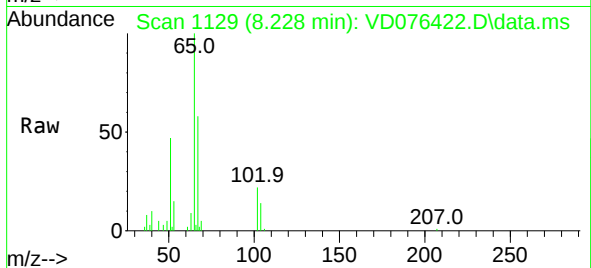
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Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-4-SB-26



Tgt Ion: 65 Resp: 3340

Ion Ratio Lower Upper

65 100

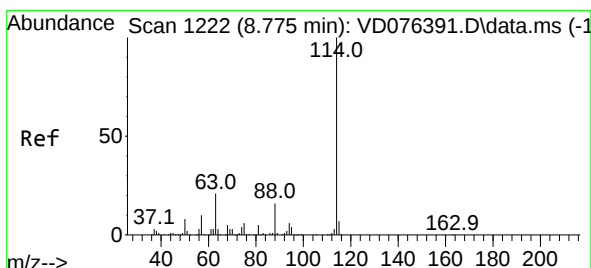
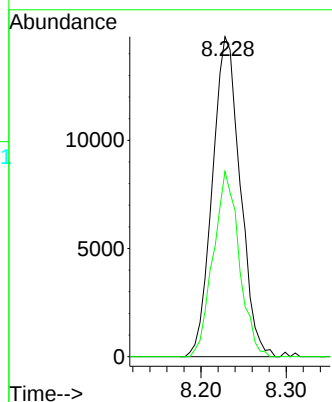
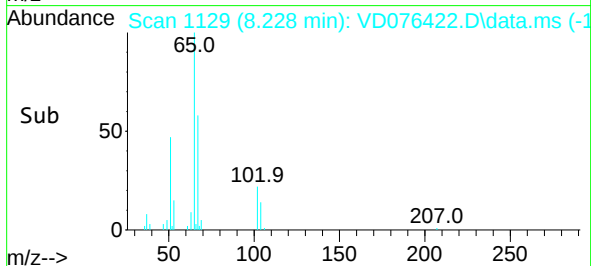
67 54.2 0.0 115.0

Manual Integrations

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Supervised By :Mahesh Dadoda 06/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076422.D

Acq: 14 Jun 2023 17:03

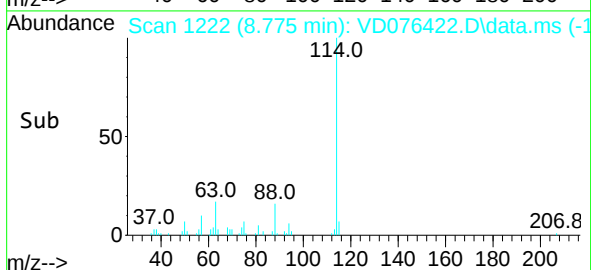
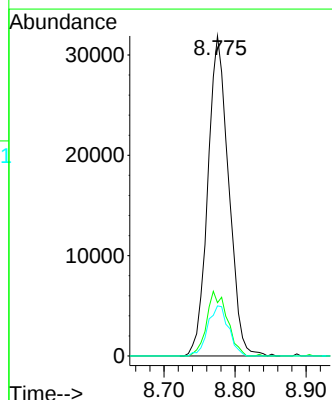
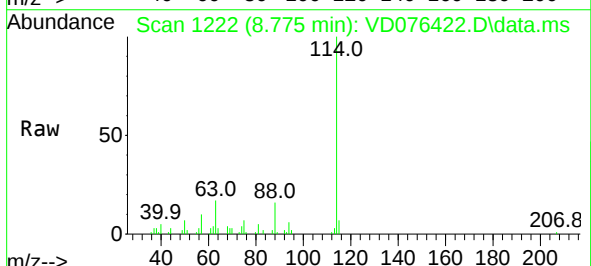
Tgt Ion:114 Resp: 64972

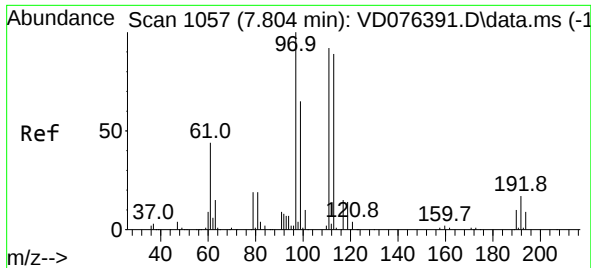
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

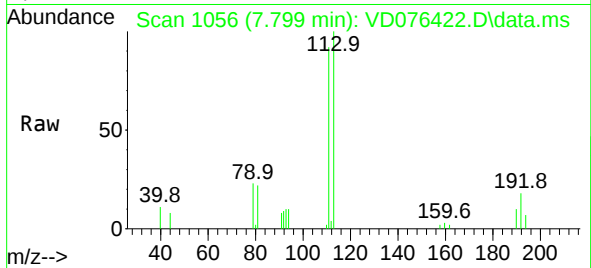
88 15.6 0.0 26.2





#35
Dibromofluoromethane
Concen: 61.076 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076422.D
Acq: 14 Jun 2023 17:03

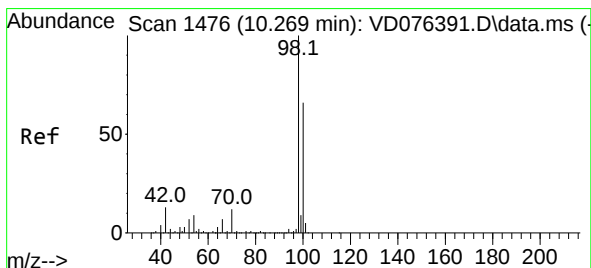
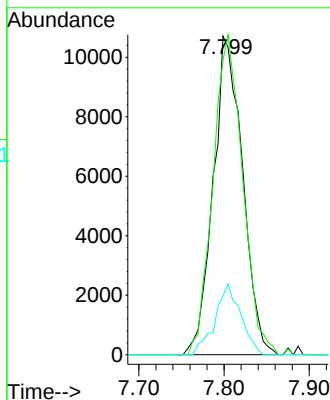
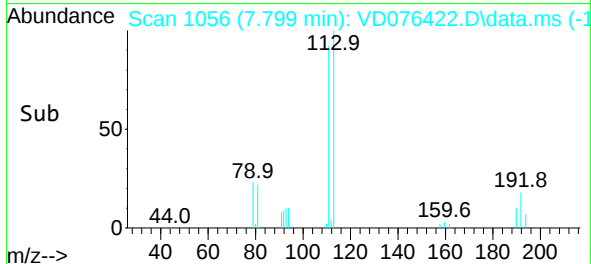
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-GRAB-4-SB-26



Tgt Ion: 113 Resp: 2564
Ion Ratio Lower Upper
113 100
111 101.6 84.7 127.1
192 19.5 16.8 25.2

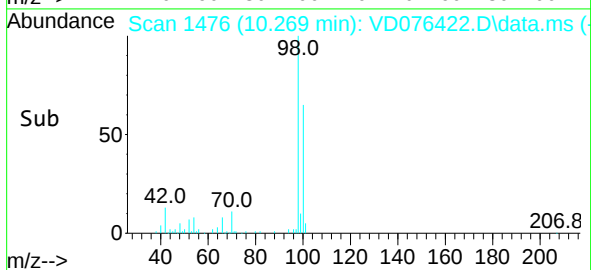
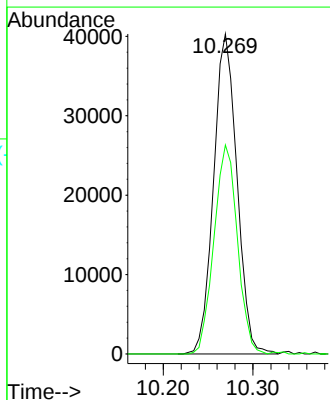
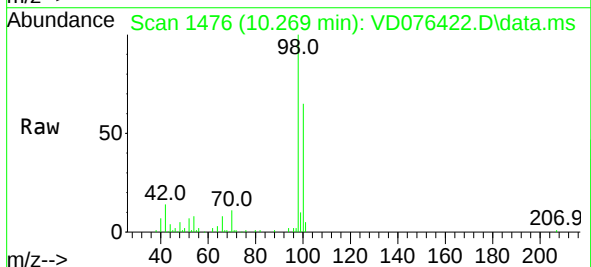
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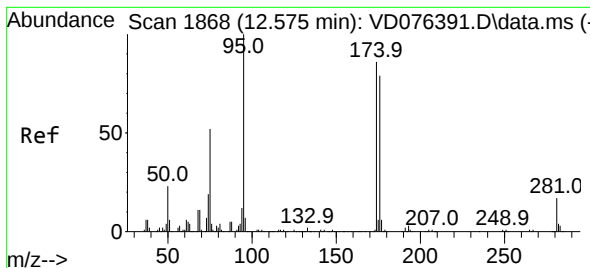
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023



#50
Toluene-d8
Concen: 45.777 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076422.D
Acq: 14 Jun 2023 17:03

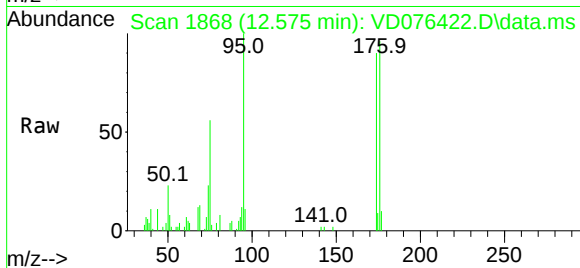
Tgt Ion: 98 Resp: 72846
Ion Ratio Lower Upper
98 100
100 65.4 50.3 75.5





#62
4-Bromofluorobenzene
Concen: 35.252 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076422.D
Acq: 14 Jun 2023 17:03

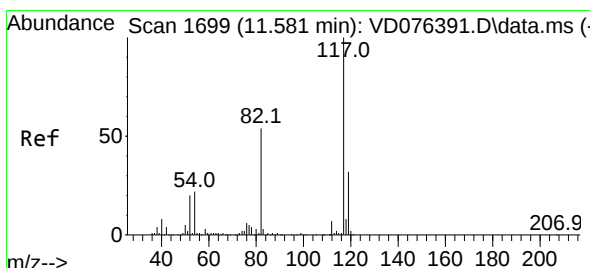
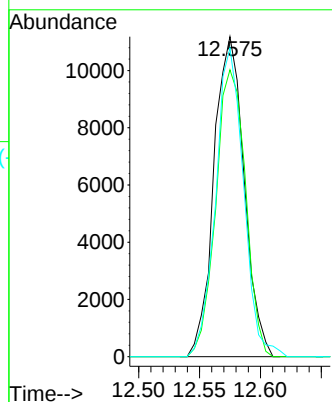
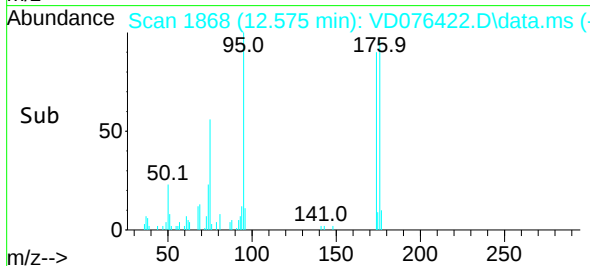
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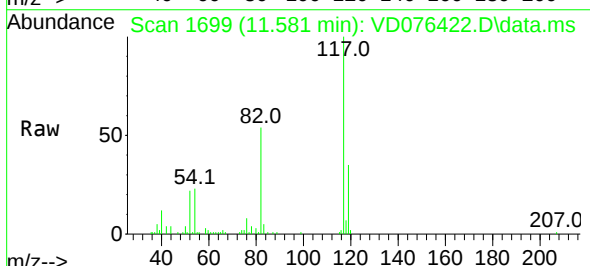
Tgt Ion: 95 Resp: 1924
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 89.6 0.0 191.8

Manual Integrations
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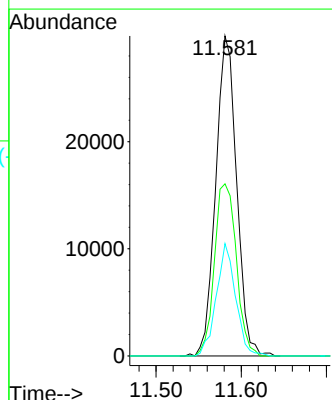
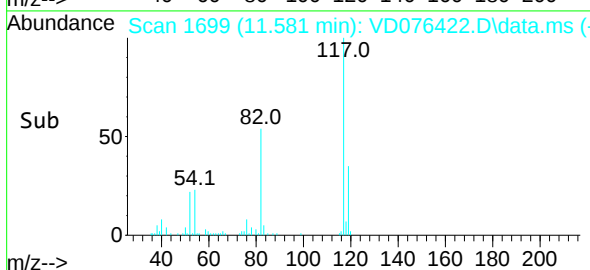
Reviewed By :Krupa Patel 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

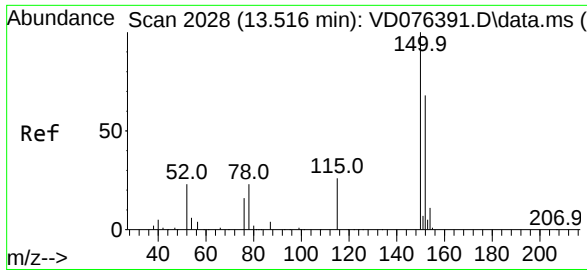


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076422.D
Acq: 14 Jun 2023 17:03



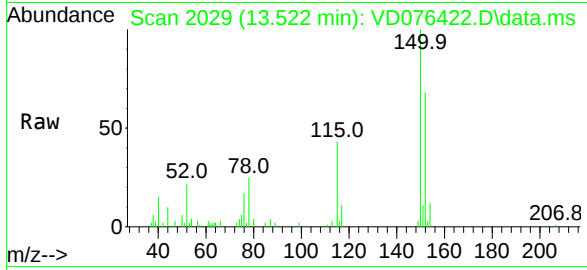
Tgt Ion:117 Resp: 50842
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 35.1 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076422.D
 Acq: 14 Jun 2023 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-4-SB-26



Tgt Ion:152 Resp: 1535
 Ion Ratio Lower Upper
 152 100
 115 58.6 27.1 81.3
 150 160.5 0.0 353.6

Manual Integrations
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