

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014567.D
 Acq On : 05 Jul 2023 18:43
 Operator : KP/MD
 Sample : 03509-09
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-02-G

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/06/2023
 Supervised By : Mahesh Dadoda 07/06/2023

Quant Time: Jul 06 01:36:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	224044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	350079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	130211	58.423	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.840%			
35) Dibromofluoromethane	7.716	113	115842	53.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.460%			
50) Toluene-d8	10.179	98	412234	48.372	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.740%			
62) 4-Bromofluorobenzene	12.477	95	116686	39.431	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.860%			
Target Compounds					Qvalue	
16) Acetone	3.936	43	25098	36.059	ug/l	93
17) Carbon Disulfide	4.180	76	6694	1.045	ug/l	97

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

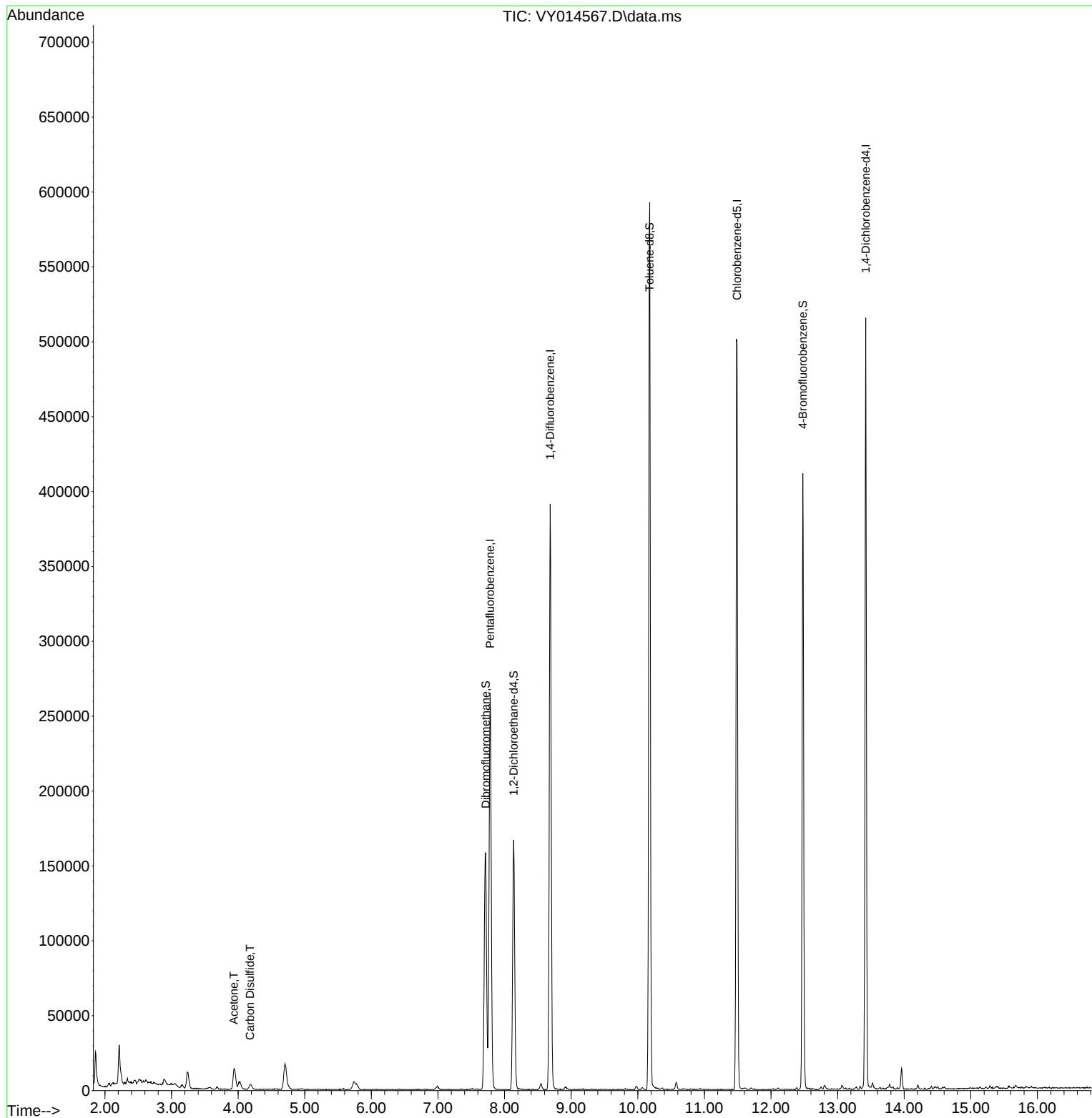
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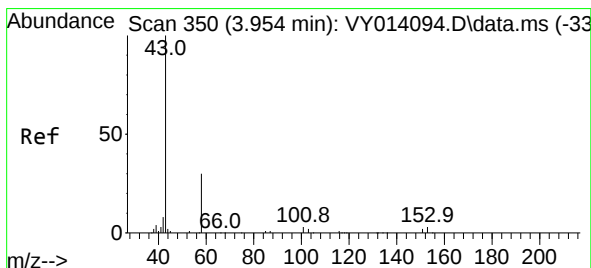
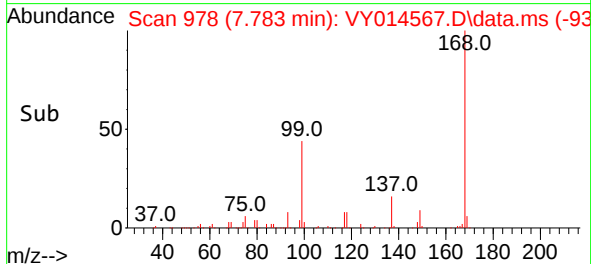
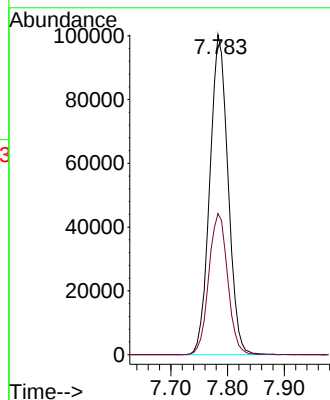
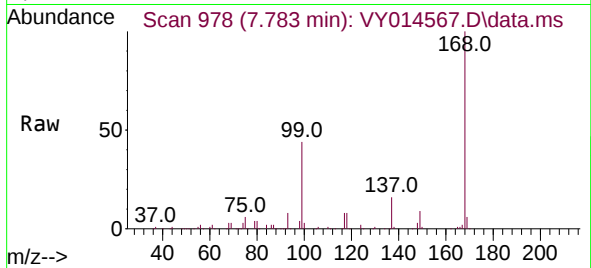
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014567.D
Acq: 05 Jul 2023 18:43

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-02-G

Tgt Ion:168 Resp: 224044
Ion Ratio Lower Upper
168 100
99 44.1 43.4 65.0

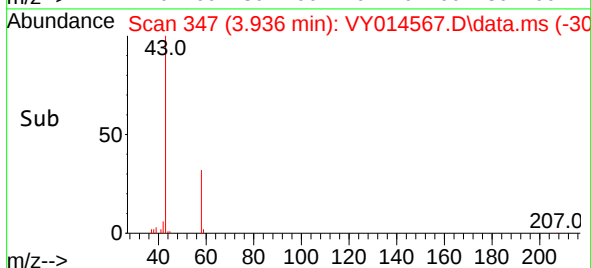
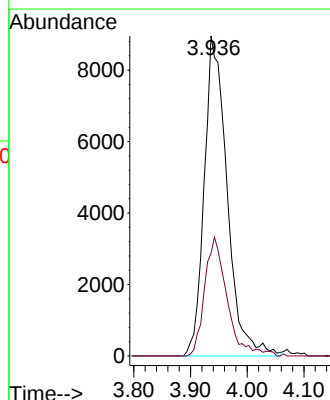
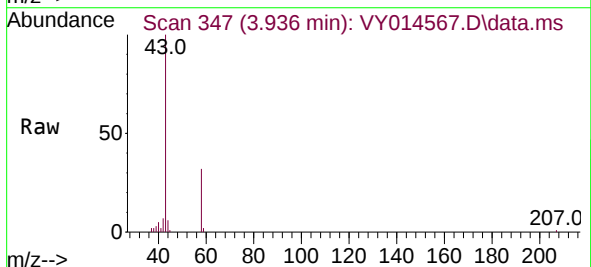
Manual Integrations
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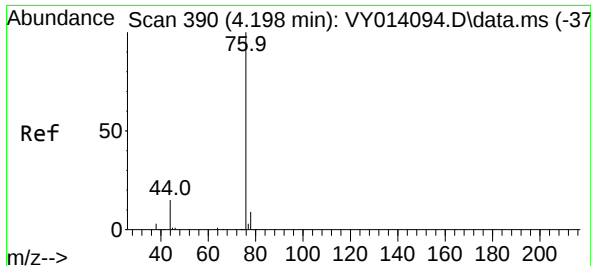
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#16
Acetone
Concen: 36.059 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014567.D
Acq: 05 Jul 2023 18:43

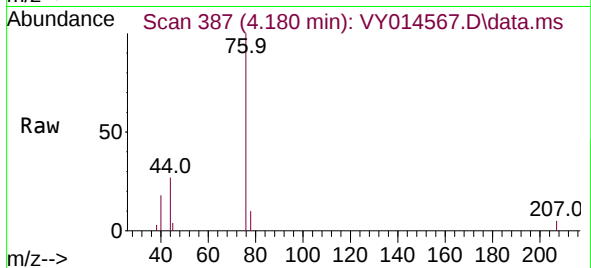
Tgt Ion: 43 Resp: 25098
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1





#17
Carbon Disulfide
Concen: 1.045 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY014567.D
Acq: 05 Jul 2023 18:43

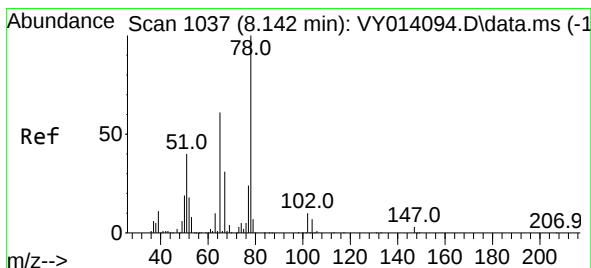
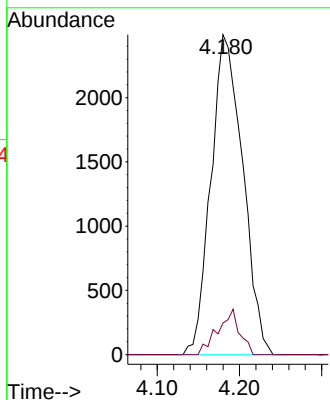
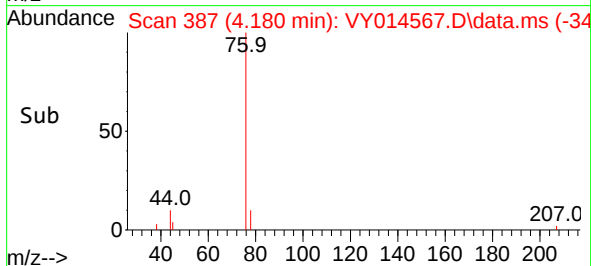
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-02-G



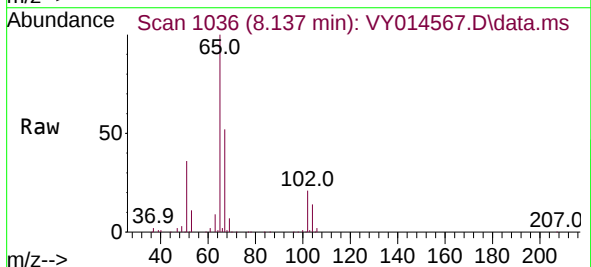
Tgt Ion: 76 Resp: 6694
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4

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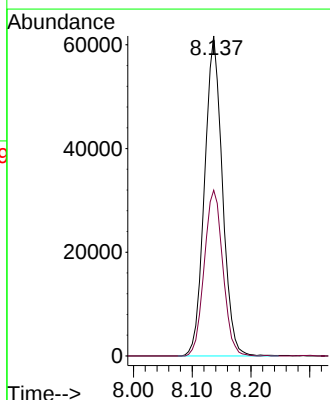
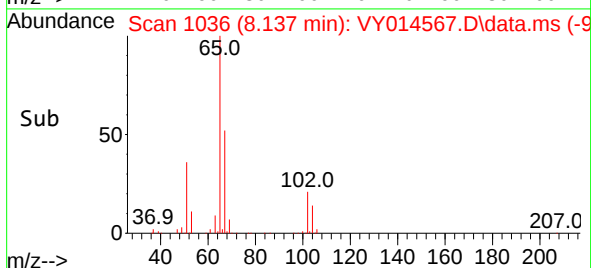
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#33
1,2-Dichloroethane-d4
Concen: 58.423 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014567.D
Acq: 05 Jul 2023 18:43



Tgt Ion: 65 Resp: 130211
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY014567.D

Acq: 05 Jul 2023 18:43

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-02-G

Tgt Ion:114 Resp: 350079

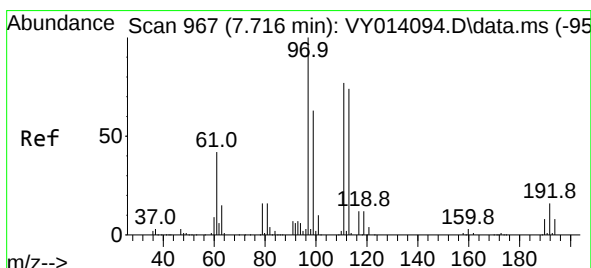
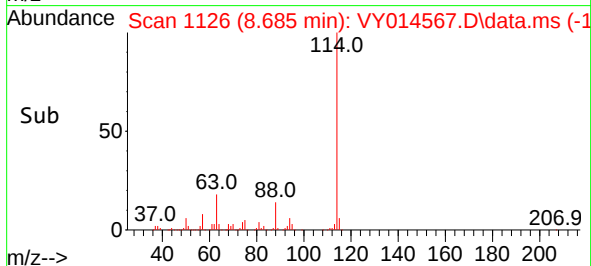
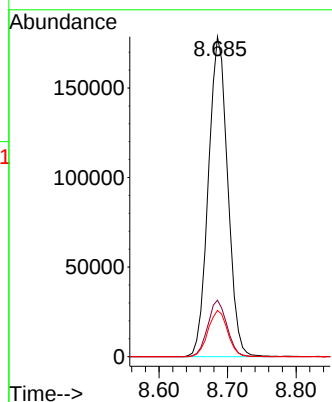
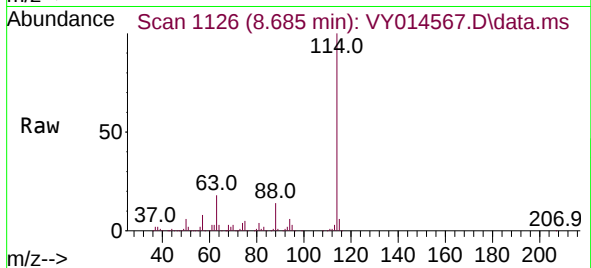
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	42.4
88	14.5	0.0	30.6

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#35

Dibromofluoromethane

Concen: 53.735 ug/l

RT: 7.716 min Scan# 967

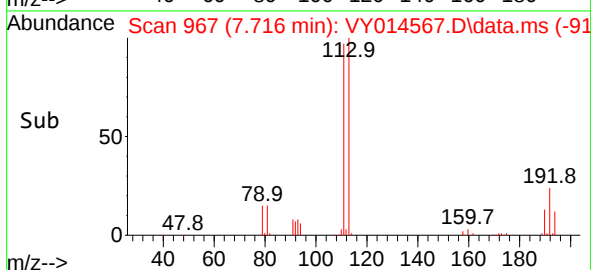
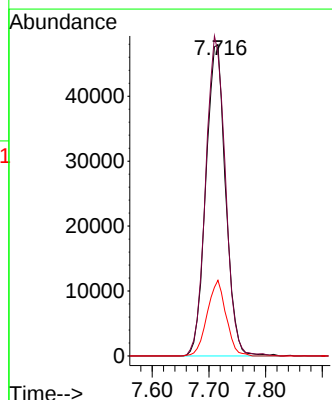
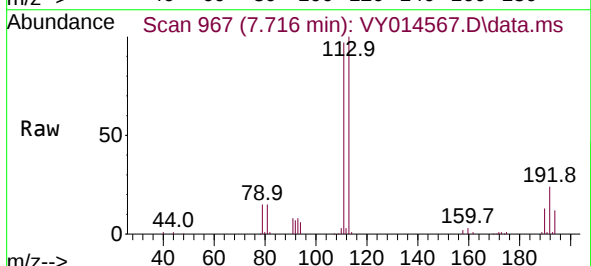
Delta R.T. -0.000 min

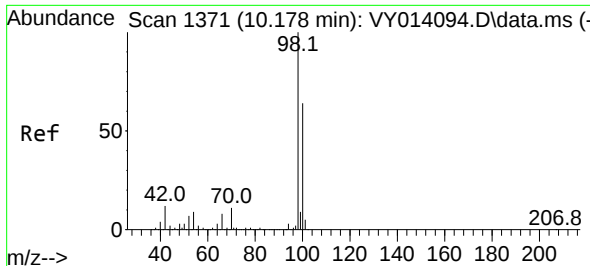
Lab File: VY014567.D

Acq: 05 Jul 2023 18:43

Tgt Ion:113 Resp: 115842

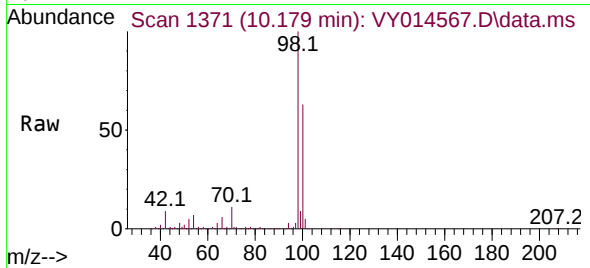
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.3	121.9
192	23.2	16.9	25.3





#50
Toluene-d8
Concen: 48.372 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014567.D
Acq: 05 Jul 2023 18:43

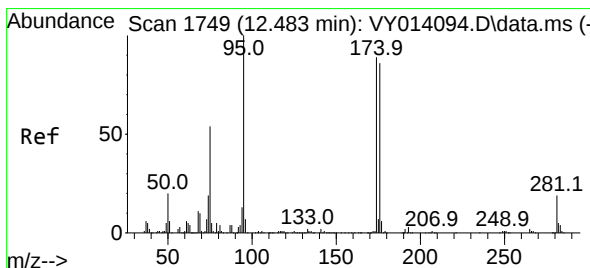
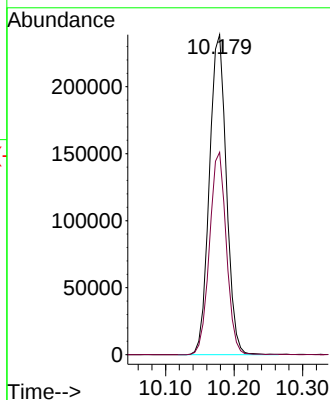
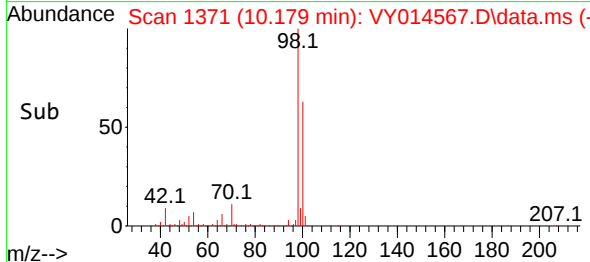
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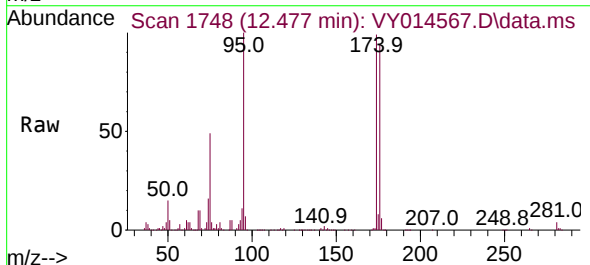
Tgt Ion: 98 Resp: 412234
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1

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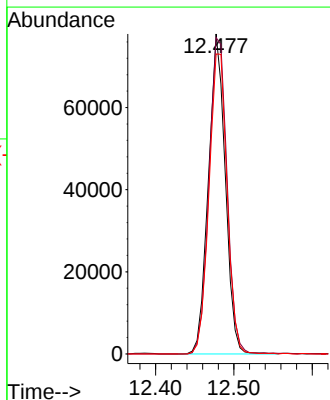
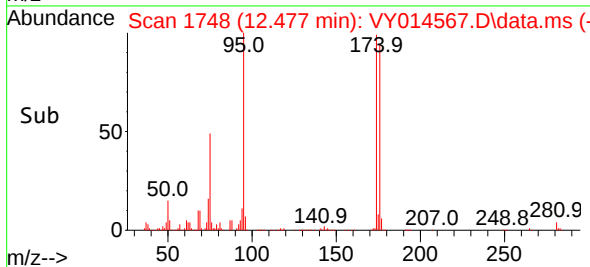
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

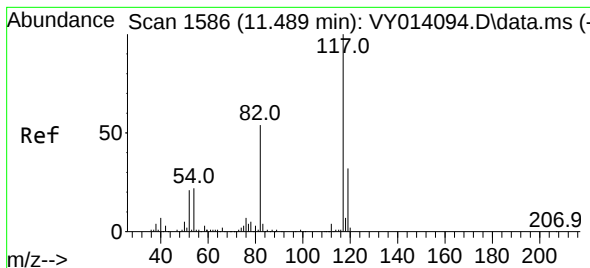


#62
4-Bromofluorobenzene
Concen: 39.431 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014567.D
Acq: 05 Jul 2023 18:43



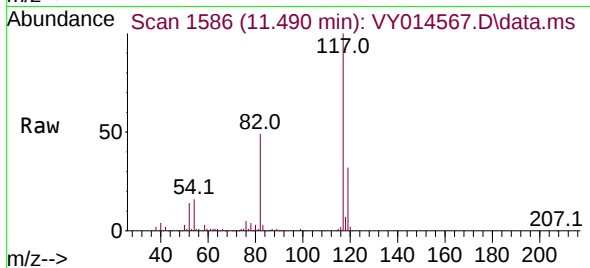
Tgt Ion: 95 Resp: 116686
Ion Ratio Lower Upper
95 100
174 105.9 0.0 178.2
176 100.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014567.D
Acq: 05 Jul 2023 18:43

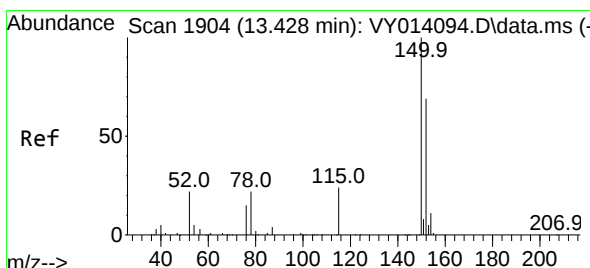
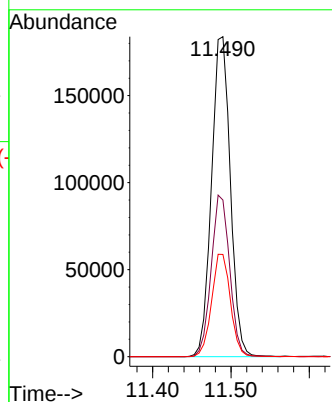
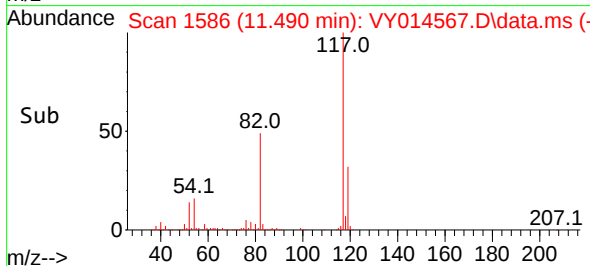
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-02-G



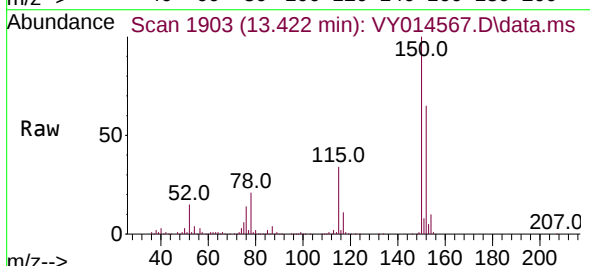
Tgt Ion:117 Resp: 307048
Ion Ratio Lower Upper
117 100
82 49.0 43.4 65.0
119 32.0 26.3 39.5

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014567.D
Acq: 05 Jul 2023 18:43



Tgt Ion:152 Resp: 139431
Ion Ratio Lower Upper
152 100
115 52.9 28.8 86.5
150 155.5 0.0 348.8

