

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010422.D
 Acq On : 09 Sep 2022 17:00
 Operator : KP/MD
 Sample : N4495-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-345

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

Quant Time: Sep 09 18:03:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	217850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	354989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117148	53.392	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.780%			
35) Dibromofluoromethane	7.710	113	109327	43.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.720%			
50) Toluene-d8	10.179	98	415394	50.838	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.477	95	139545	42.115	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.240%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	3273m	6.500	ug/l	

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

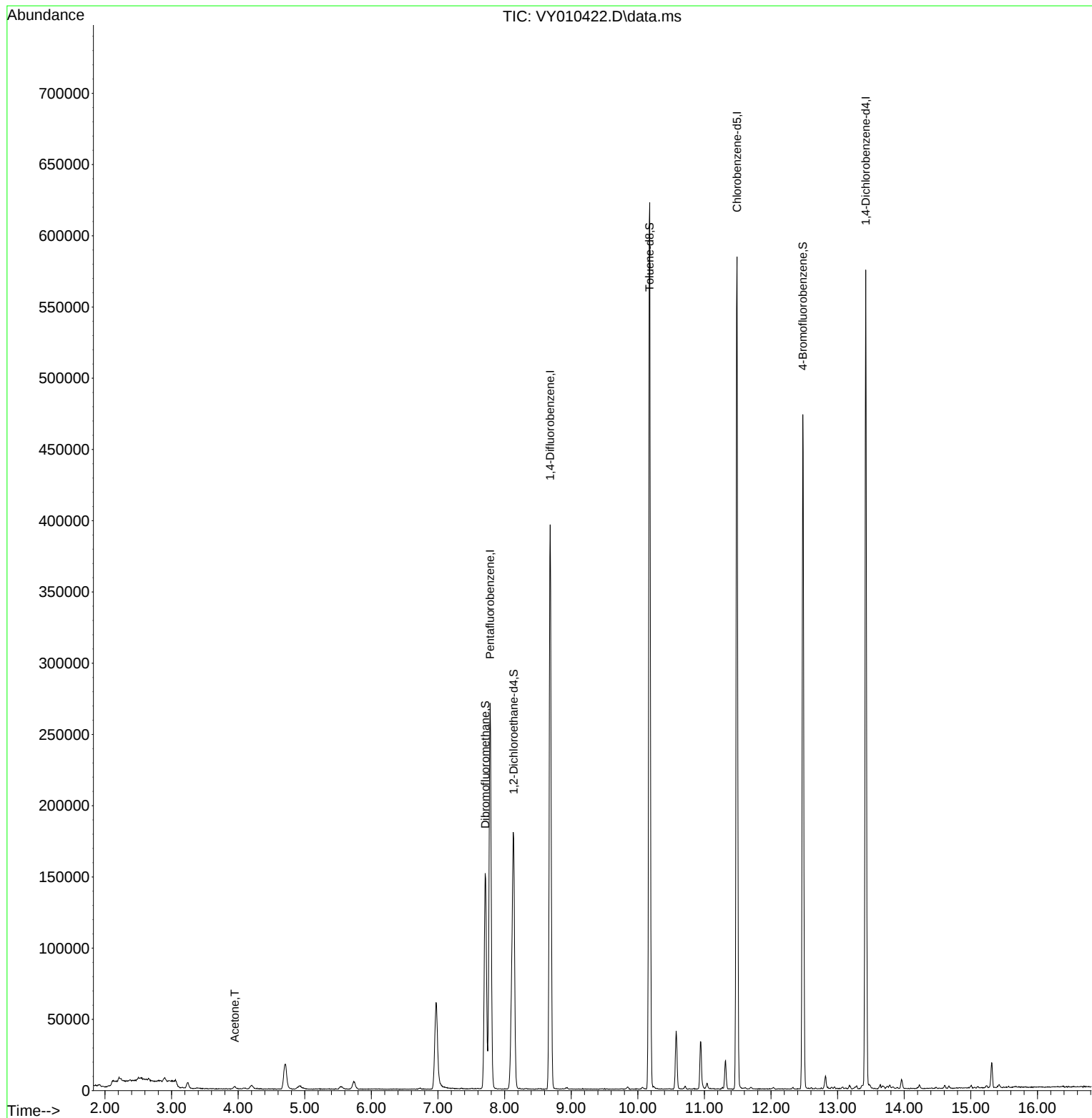
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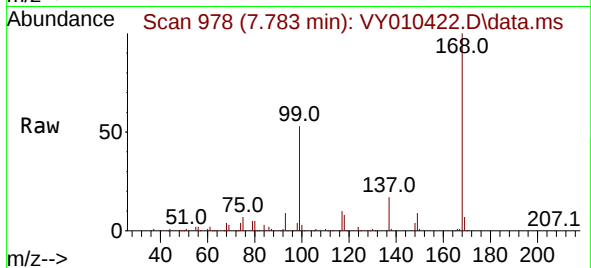
Reviewed By :Krupa Patel 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

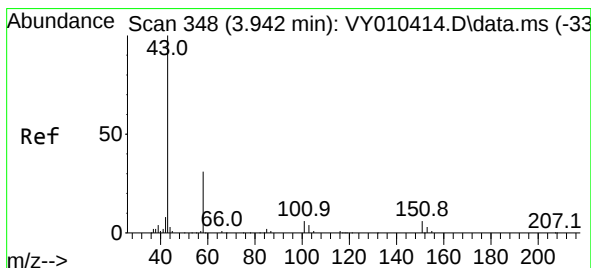
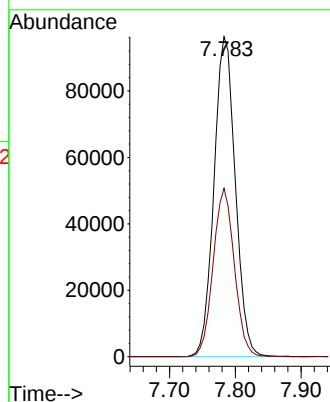
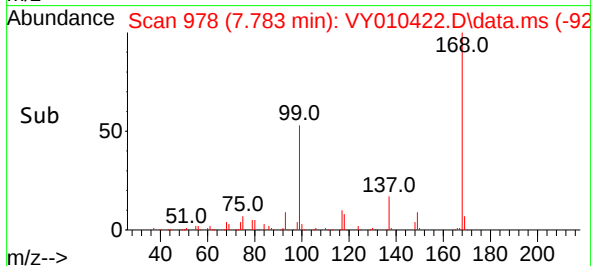
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-345



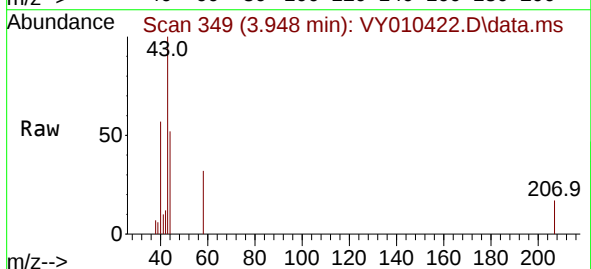
Tgt Ion:168 Resp: 217850
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3

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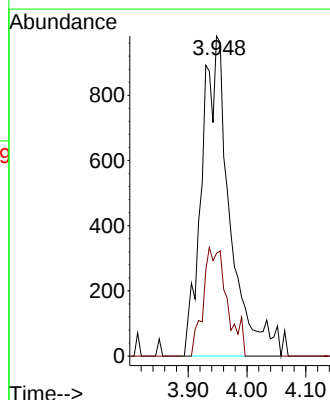
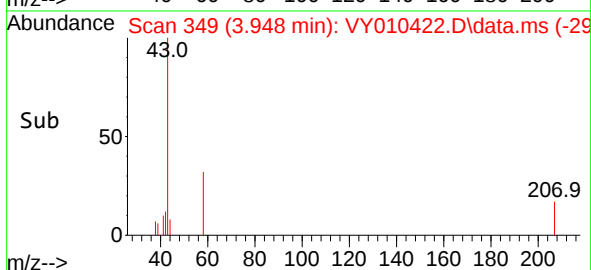
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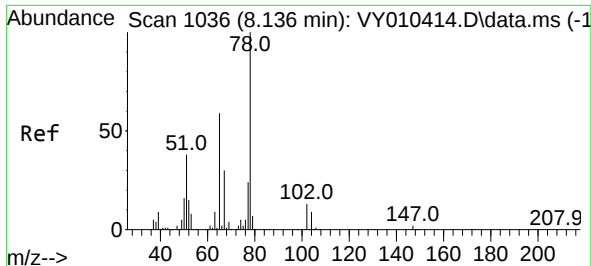


#16
Acetone
Concen: 6.500 ug/l m
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00



Tgt Ion: 43 Resp: 3273
Ion Ratio Lower Upper
43 100
58 32.1 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 53.392 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010422.D

Acq: 09 Sep 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-345

Tgt Ion: 65 Resp: 11714

Ion Ratio Lower Upper

65 100

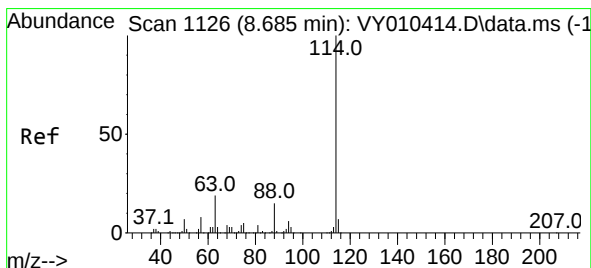
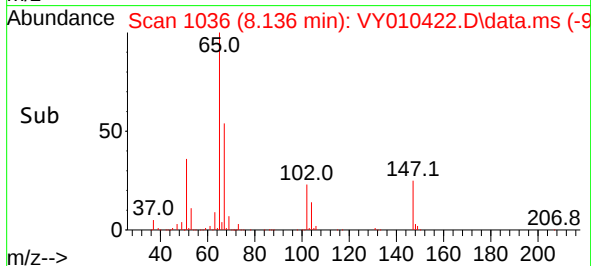
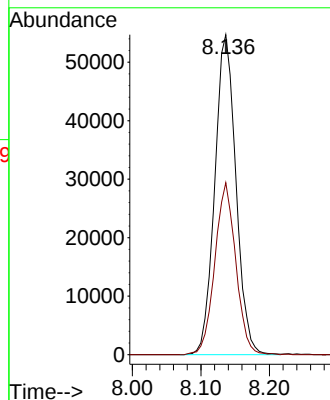
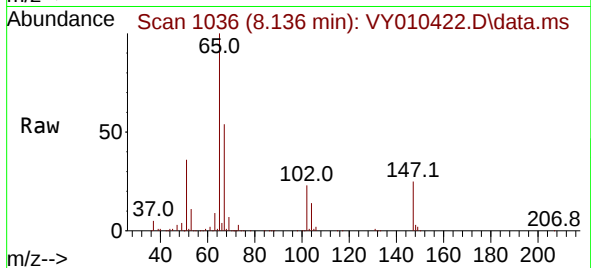
67 53.2 0.0 99.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010422.D

Acq: 09 Sep 2022 17:00

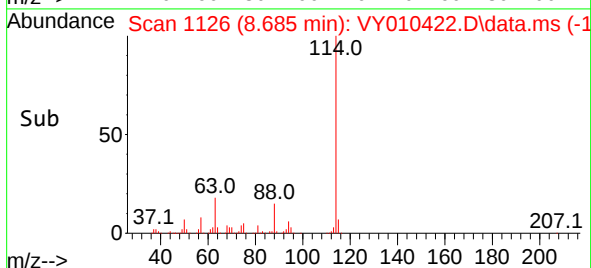
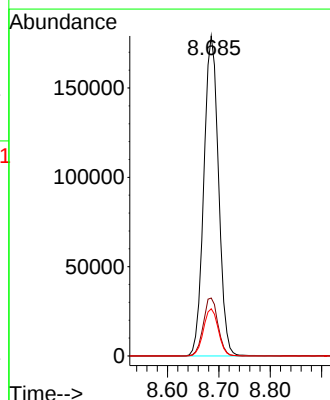
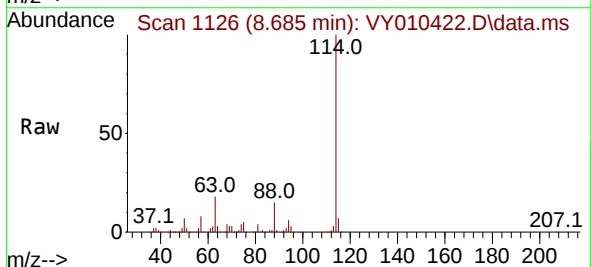
Tgt Ion:114 Resp: 354989

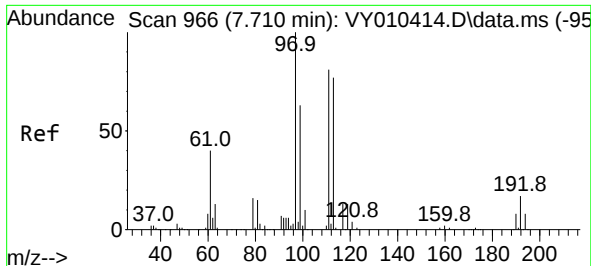
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

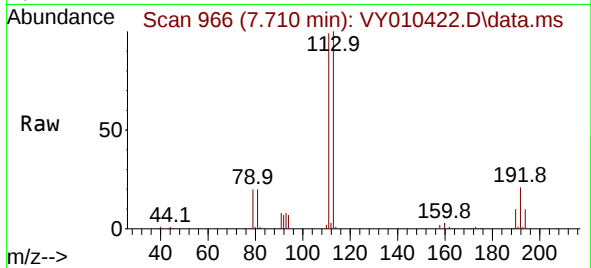
88 14.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 43.364 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

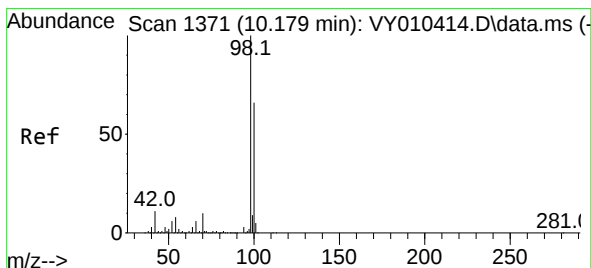
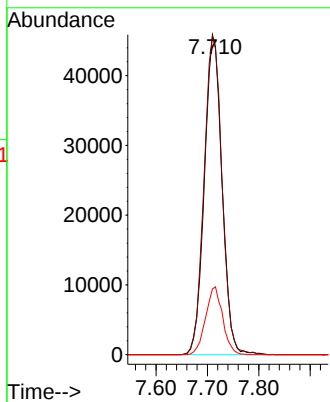
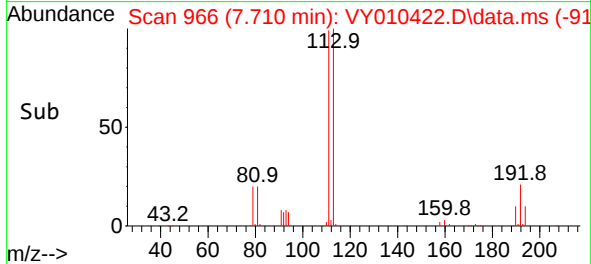
Instrument :
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ClientSampleId :
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Tgt Ion: 113 Resp: 10932
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 20.5 17.6 26.4

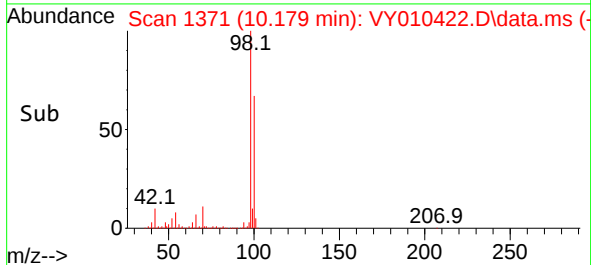
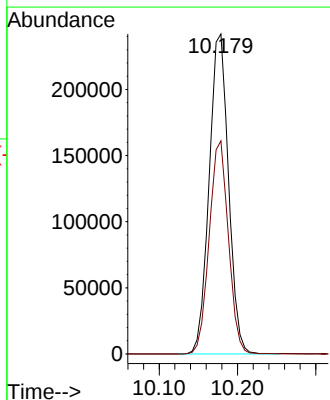
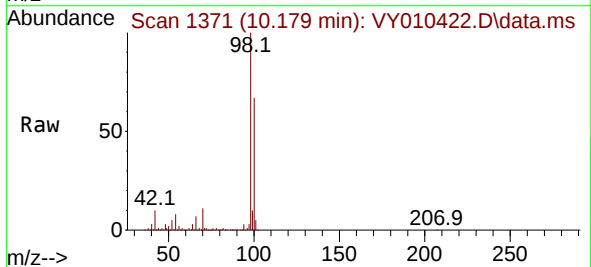
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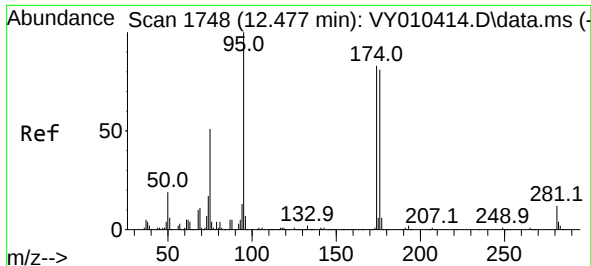
Reviewed By :Krupa Patel 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#50
Toluene-d8
Concen: 50.838 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

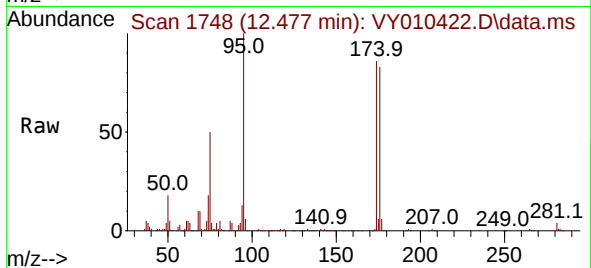
Tgt Ion: 98 Resp: 415394
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2





#62
4-Bromofluorobenzene
Concen: 42.115 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00

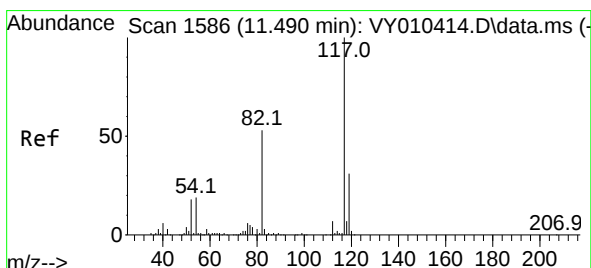
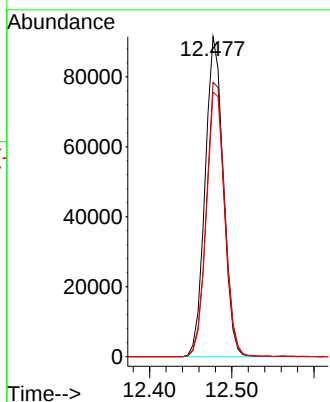
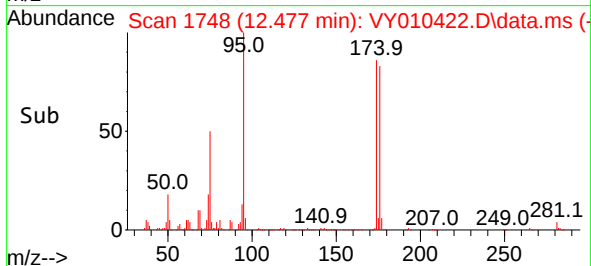
Instrument :
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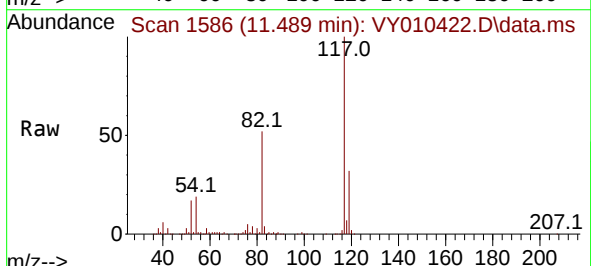
Tgt Ion: 95 Resp: 13954
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 84.6 0.0 175.8

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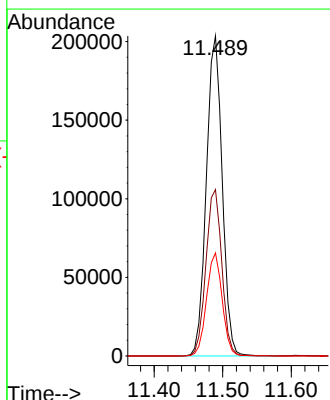
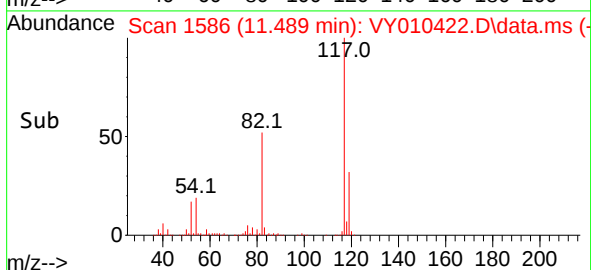
Reviewed By :Krupa Patel 09/12/2022
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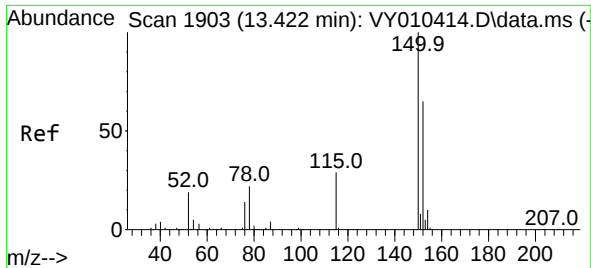


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010422.D
Acq: 09 Sep 2022 17:00



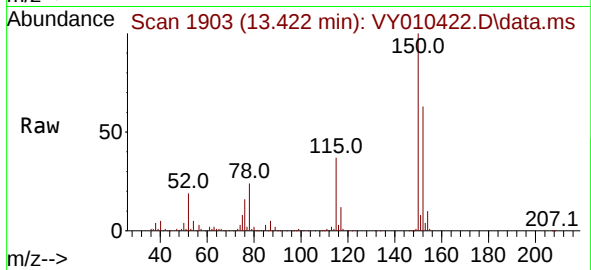
Tgt Ion:117 Resp: 328291
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010422.D
 Acq: 09 Sep 2022 17:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-345



Tgt Ion:152 Resp: 147722
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 156.3 0.0 347.6

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