

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019151.D
 Acq On : 20 Aug 2024 15:16
 Operator : SY/MD
 Sample : P3643-04
 Misc : 7.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 932-K1-SD-0.5-1-081524

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/21/2024
 Supervised By :Mahesh Dadoda 08/21/2024

Quant Time: Aug 21 01:30:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	83457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	146774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	127389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	33406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	44228	52.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.740%
35) Dibromofluoromethane	7.622	113	47345	49.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.103	98	174357	50.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.408	95	43569	37.007	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.020%
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	11428	73.659	ug/l	88
17) Carbon Disulfide	4.104	76	2806	1.195	ug/l #	92
25) 2-Butanone	6.890	43	2865m	11.466	ug/l	
52) Toluene	10.164	92	12527	4.722	ug/l	99

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

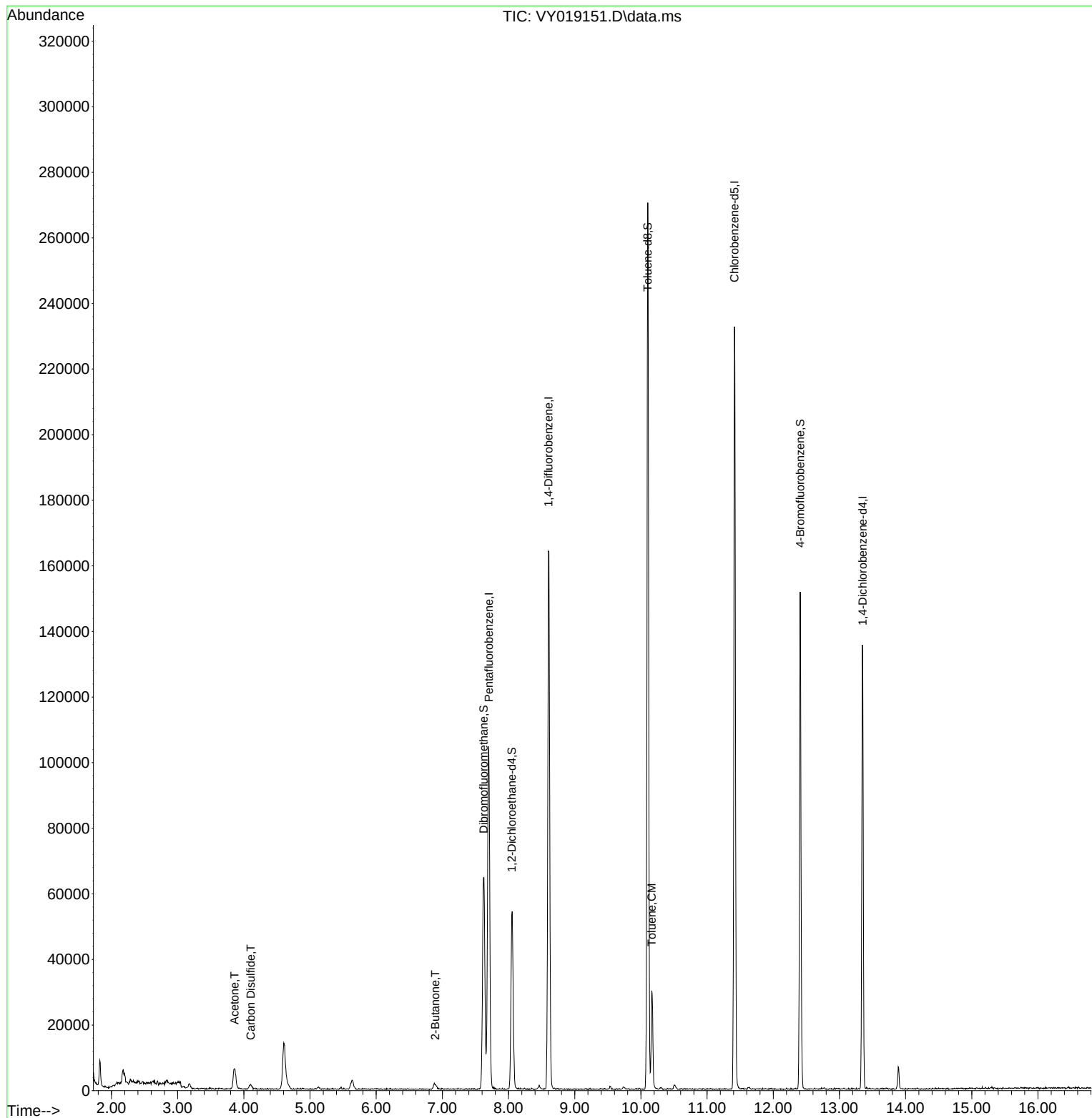
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019151.D
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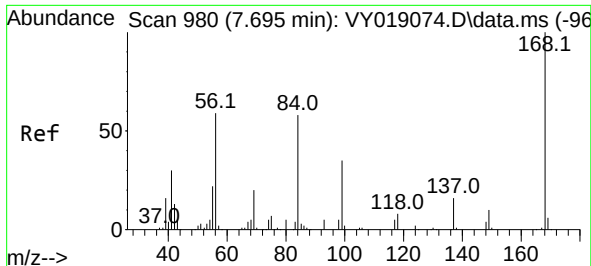
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0.5-1-081524

Quant Time: Aug 21 01:30:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

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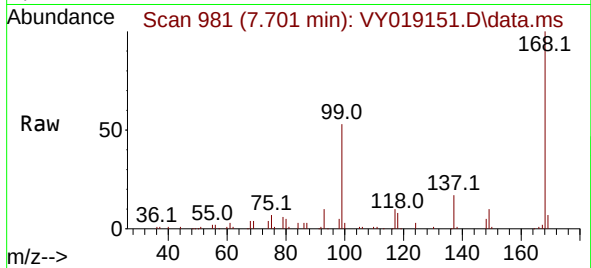
Reviewed By :Romaben Patel 08/21/2024
Supervised By :Mahesh Dadoda 08/21/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

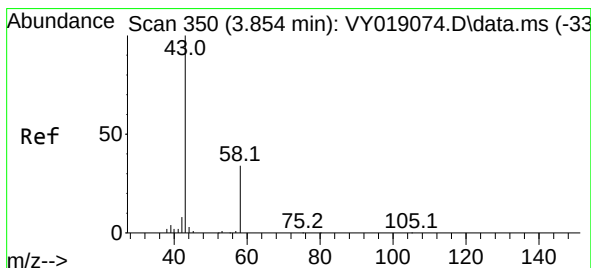
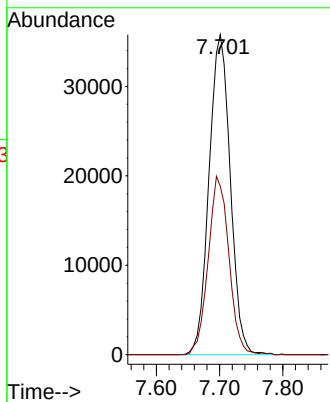
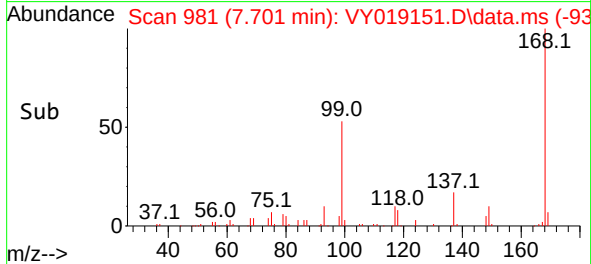
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0.5-1-081524



Tgt Ion:168 Resp: 8345
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7

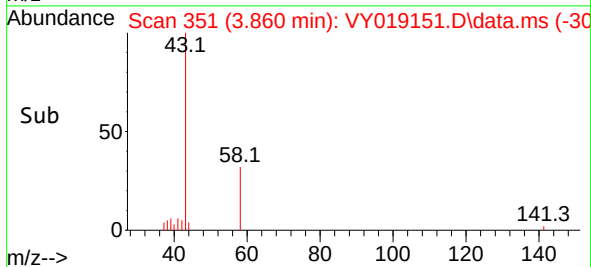
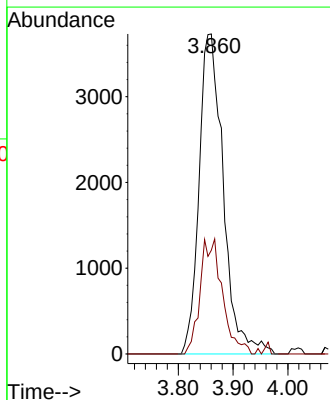
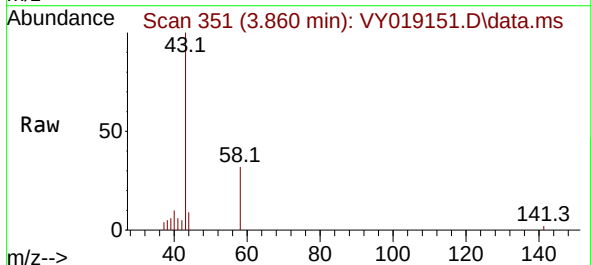
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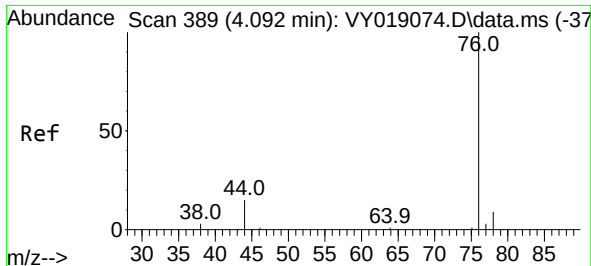
Reviewed By :Romaben Patel 08/21/2024
Supervised By :Mahesh Dadoda 08/21/2024



#16
Acetone
Concen: 73.659 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

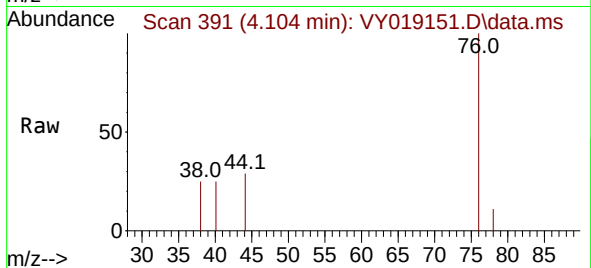
Tgt Ion: 43 Resp: 11428
Ion Ratio Lower Upper
43 100
58 32.4 31.7 47.5





#17
Carbon Disulfide
Concen: 1.195 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

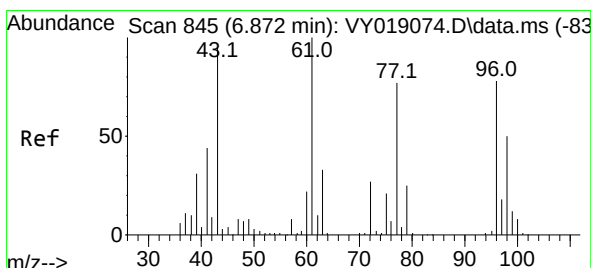
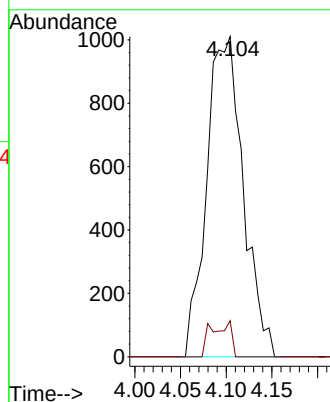
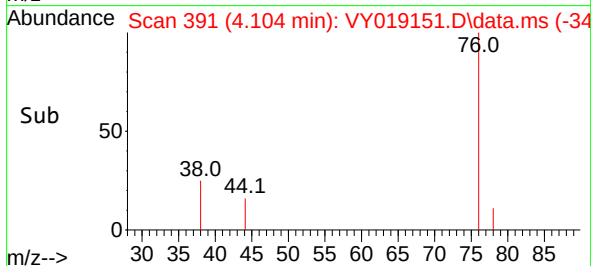
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0.5-1-081524



Tgt Ion: 76 Resp: 2800
Ion Ratio Lower Upper
76 100
78 11.3 6.8 10.2

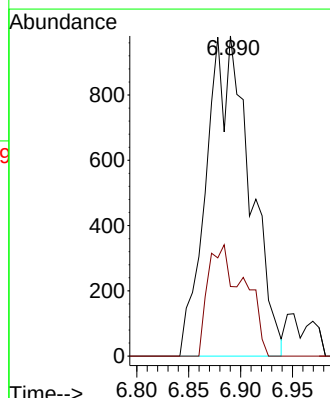
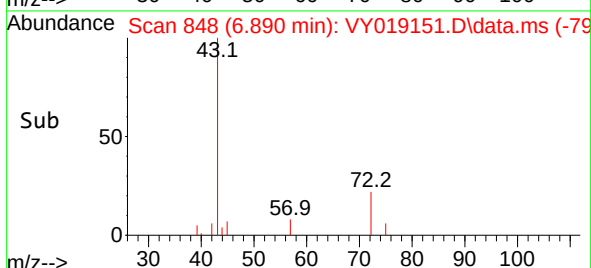
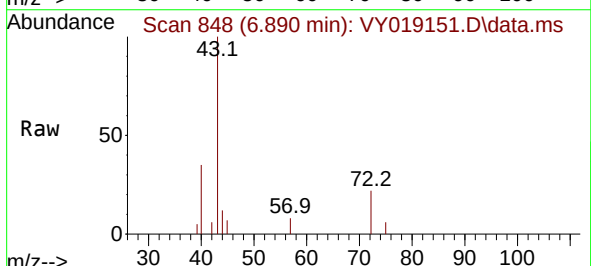
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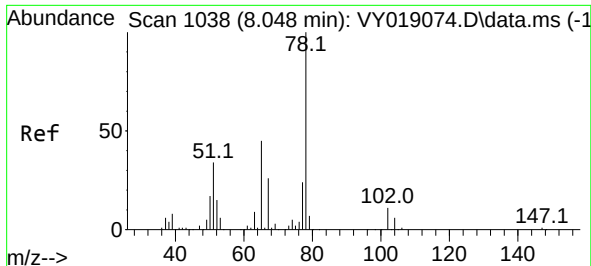
Reviewed By :Romaben Patel 08/21/2024
Supervised By :Mahesh Dadoda 08/21/2024



#25
2-Butanone
Concen: 11.466 ug/l m
RT: 6.890 min Scan# 848
Delta R.T. 0.019 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Tgt Ion: 43 Resp: 2865
Ion Ratio Lower Upper
43 100
72 21.7 27.3 40.9





#33

1,2-Dichloroethane-d4

Concen: 52.867 ug/l

RT: 8.049 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY019151.D

Acq: 20 Aug 2024 15:16

Instrument :

MSVOA_Y

ClientSampleId :

932-K1-SD-0.5-1-081524

Tgt Ion: 65 Resp: 44228

Ion Ratio Lower Upper

65 100

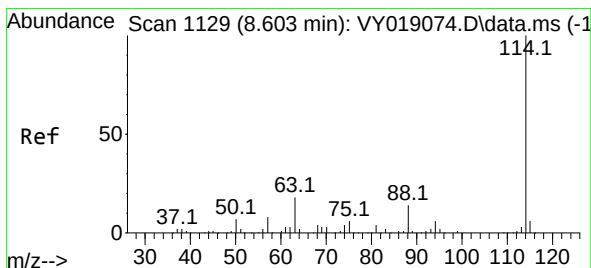
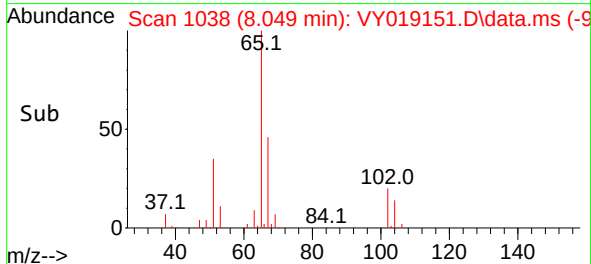
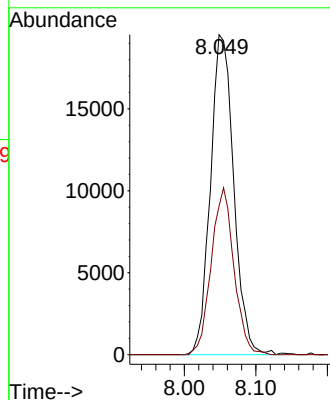
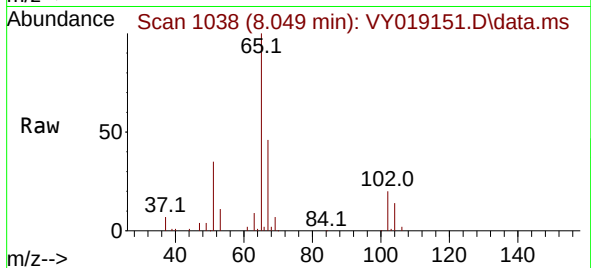
67 50.8 0.0 109.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019151.D

Acq: 20 Aug 2024 15:16

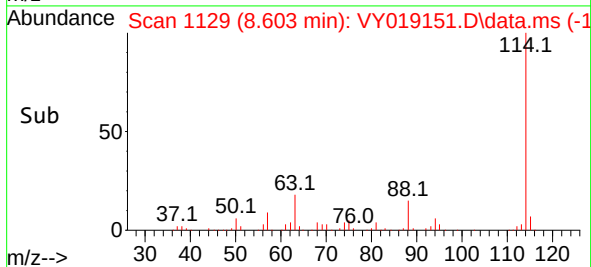
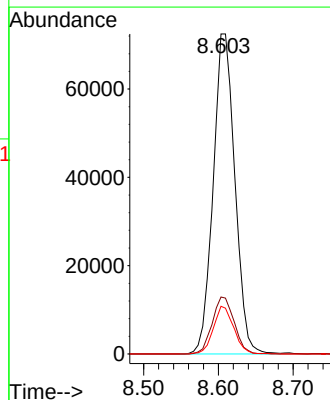
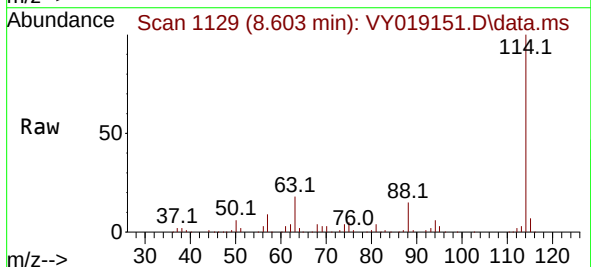
Tgt Ion:114 Resp: 146774

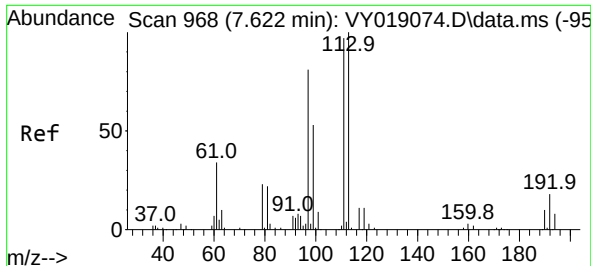
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

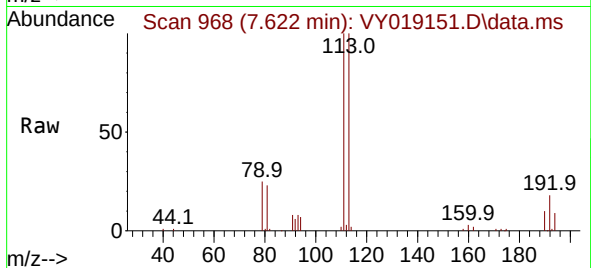
88 14.9 0.0 27.2





#35
Dibromofluoromethane
Concen: 49.333 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

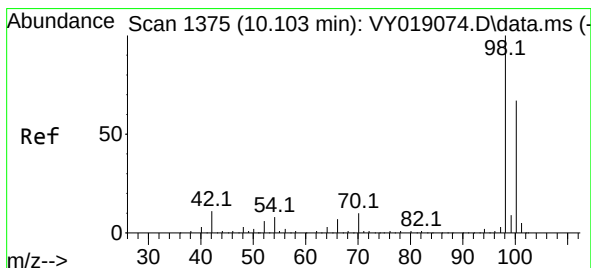
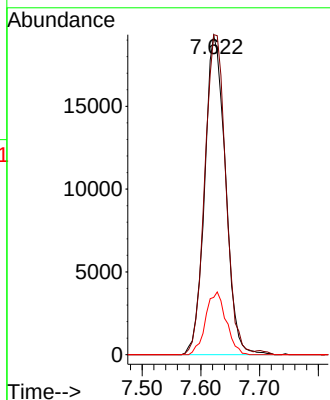
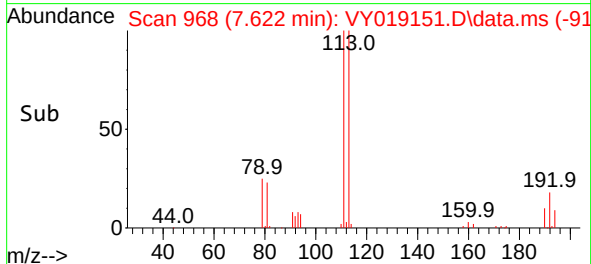
Instrument :
MSVOA_Y
ClientSampleId :
932-K1-SD-0.5-1-081524



Tgt Ion: 113 Resp: 47345
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 19.4 15.9 23.9

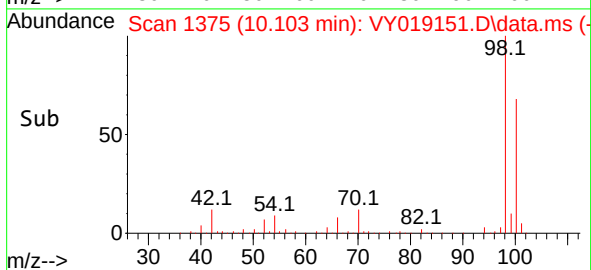
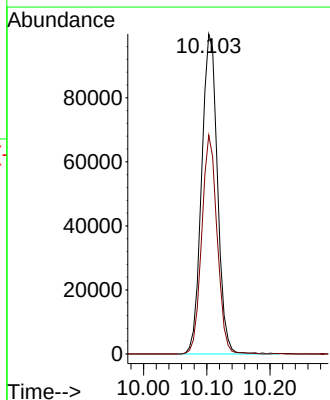
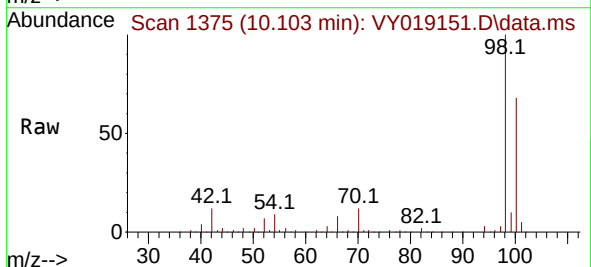
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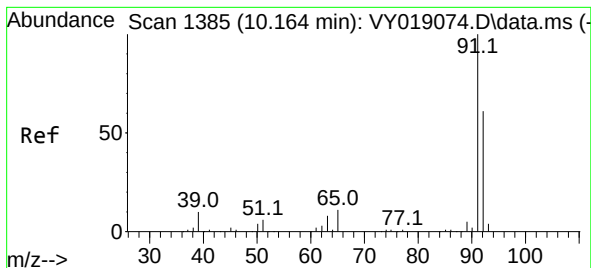
Reviewed By :Romaben Patel 08/21/2024
Supervised By :Mahesh Dadoda 08/21/2024



#50
Toluene-d8
Concen: 50.485 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Tgt Ion: 98 Resp: 174357
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0





#52

Toluene

Concen: 4.722 ug/l

RT: 10.164 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019151.D

Acq: 20 Aug 2024 15:16

Instrument :

MSVOA_Y

ClientSampleId :

932-K1-SD-0.5-1-081524

Tgt Ion: 92 Resp: 1252

Ion Ratio Lower Upper

92 100

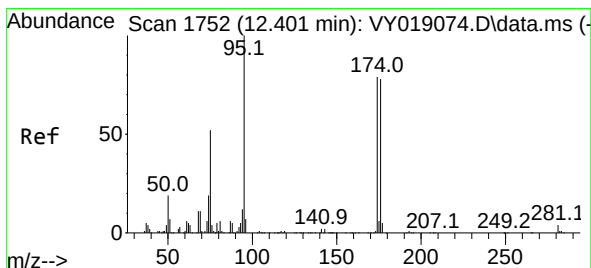
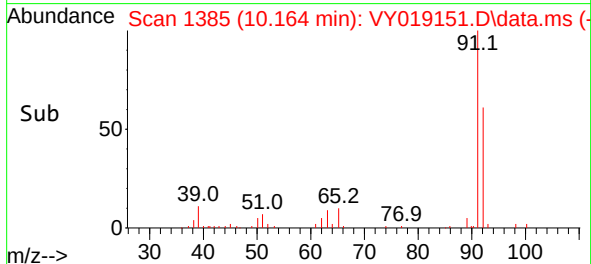
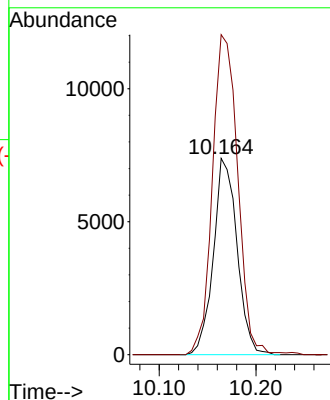
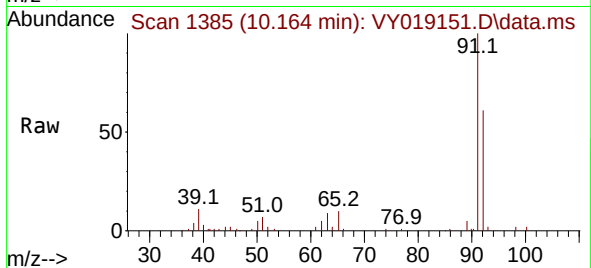
91 175.0 139.0 208.6

Manual Integrations

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Supervised By :Mahesh Dadoda 08/21/2024



#62

4-Bromofluorobenzene

Concen: 37.007 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019151.D

Acq: 20 Aug 2024 15:16

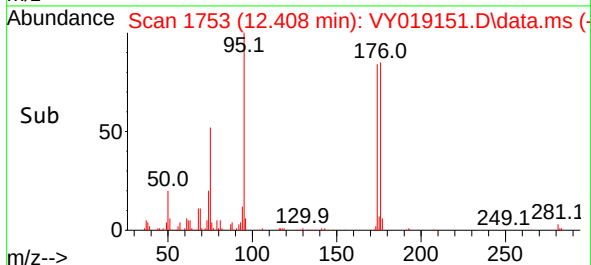
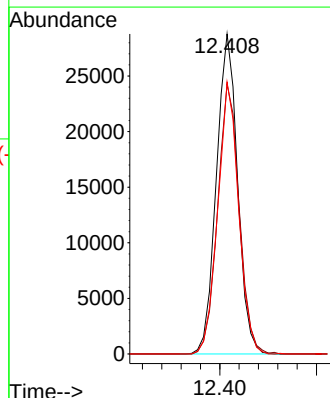
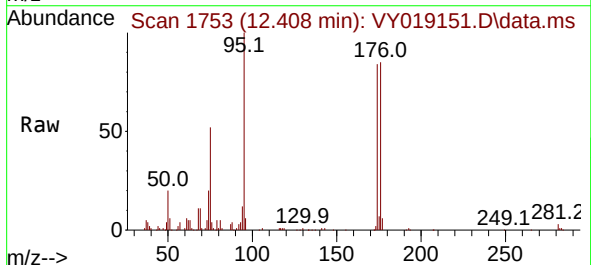
Tgt Ion: 95 Resp: 43569

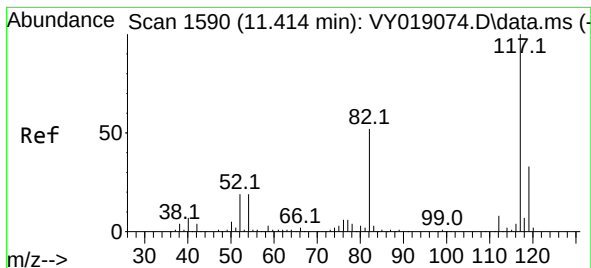
Ion Ratio Lower Upper

95 100

174 85.9 0.0 175.6

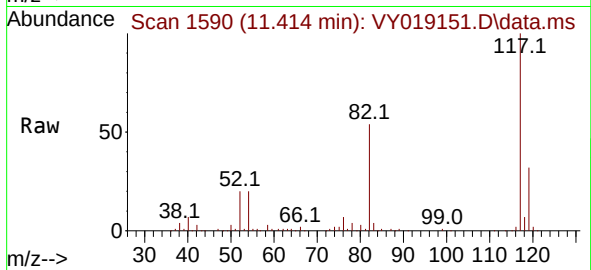
176 83.7 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

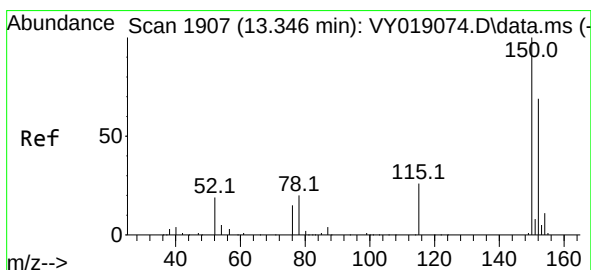
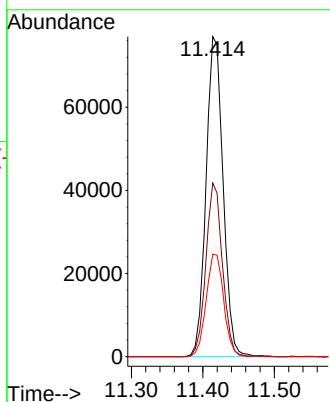
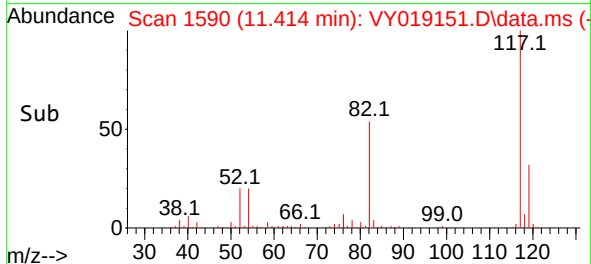
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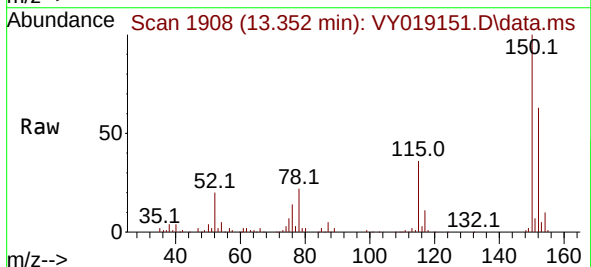
Tgt Ion:117 Resp: 127389
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 32.0 25.9 38.9

Manual Integrations
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Supervised By :Mahesh Dadoda 08/21/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16



Tgt Ion:152 Resp: 33406
Ion Ratio Lower Upper
152 100
115 60.4 28.2 84.7
150 159.1 0.0 345.6

