

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013945.D
 Acq On : 31 May 2023 18:56
 Operator : KP/MD
 Sample : 02972-04
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-0A

Quant Time: Jun 01 03:31:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	166800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292166	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	298844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127338	65.988	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.980%			
35) Dibromofluoromethane	7.716	113	99275	52.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.220%			
50) Toluene-d8	10.179	98	364212	50.788	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.477	95	130092	54.575	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.160%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.923	59	7905m	53.474	ug/l	
16) Acetone	3.954	43	75929	132.572	ug/l	99
17) Carbon Disulfide	4.198	76	8860	1.819	ug/l	95
25) 2-Butanone	6.990	43	17330	24.797	ug/l #	82
31) Cyclohexane	7.783	56	9851	3.323	ug/l #	49
39) Methylcyclohexane	9.179	83	16823	4.998	ug/l	97
40) Benzene	8.155	78	111235	13.476	ug/l	98
68) m/p-Xylenes	11.697	106	6476	1.518	ug/l	95
69) o-Xylene	12.026	106	5424	1.350	ug/l	97

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

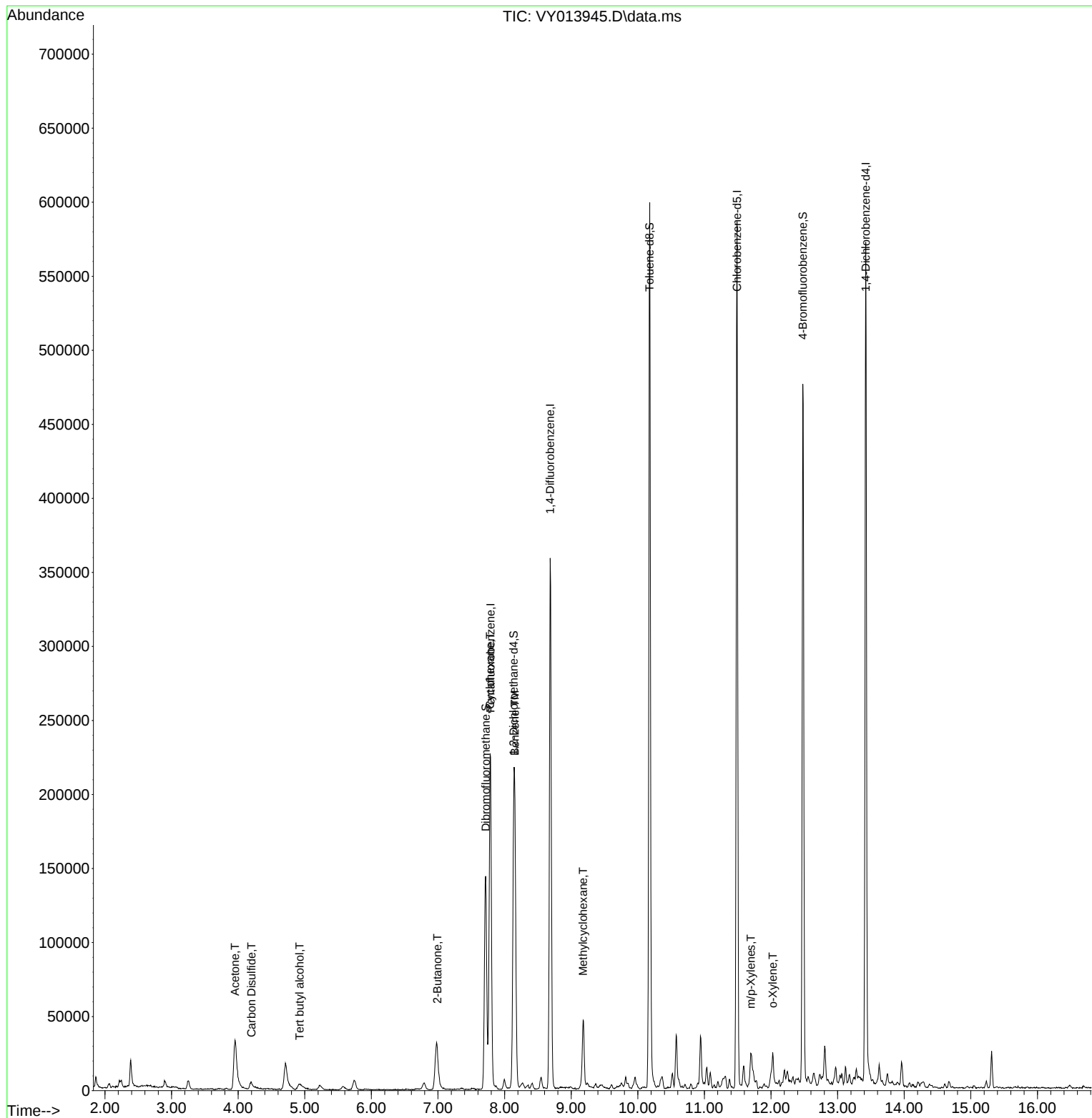
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
Data File : VY013945.D
Acq On : 31 May 2023 18:56
Operator : KP/MD
Sample : 02972-04
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

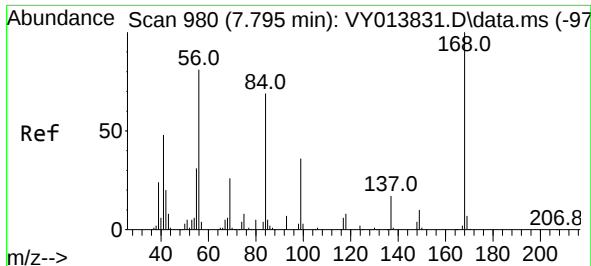
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-0A

Quant Time: Jun 01 03:31:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

Manual Integrations
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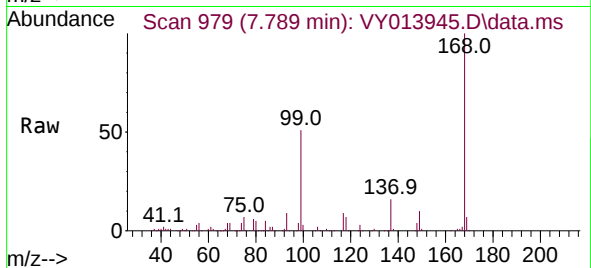
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

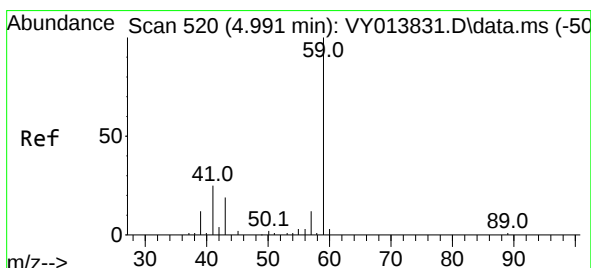
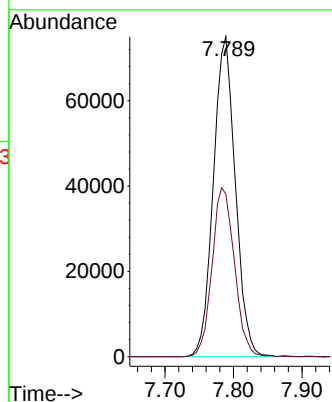
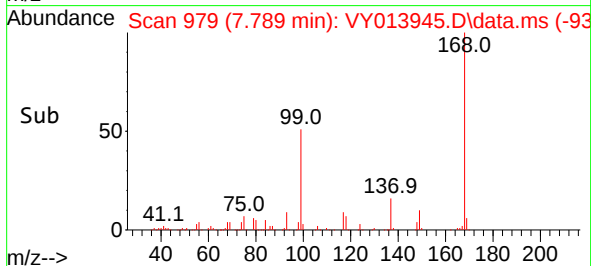
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-0A



Tgt Ion:168 Resp: 166800
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.2

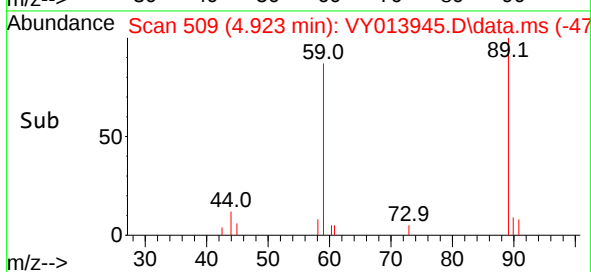
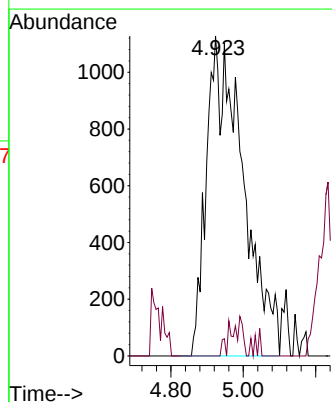
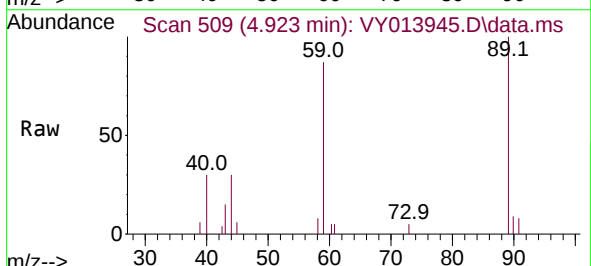
Manual Integrations
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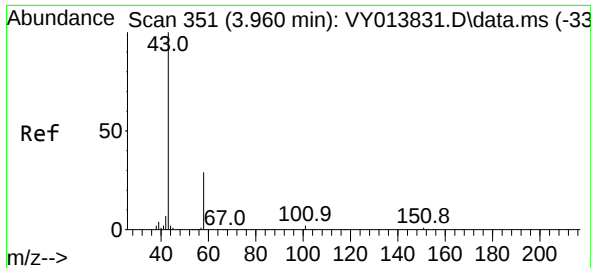
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#11
Tert butyl alcohol
Concen: 53.474 ug/l m
RT: 4.923 min Scan# 509
Delta R.T. -0.067 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

Tgt Ion: 59 Resp: 7905
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 132.572 ug/l

RT: 3.954 min Scan# 30

Delta R.T. -0.006 min

Lab File: VY013945.D

Acq: 31 May 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-0A

Tgt Ion: 43 Resp: 75929

Ion Ratio Lower Upper

43 100

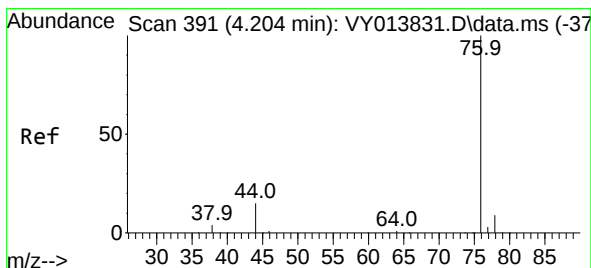
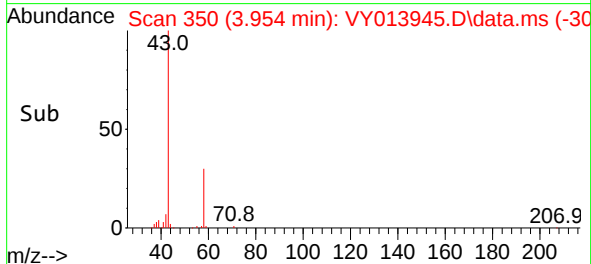
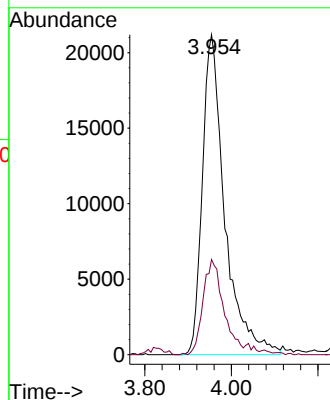
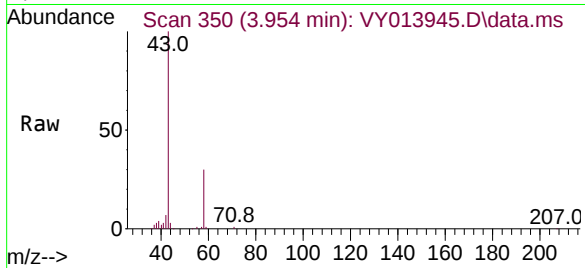
58 29.8 23.3 34.9

Manual Integrations

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Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#17

Carbon Disulfide

Concen: 1.819 ug/l

RT: 4.198 min Scan# 390

Delta R.T. -0.006 min

Lab File: VY013945.D

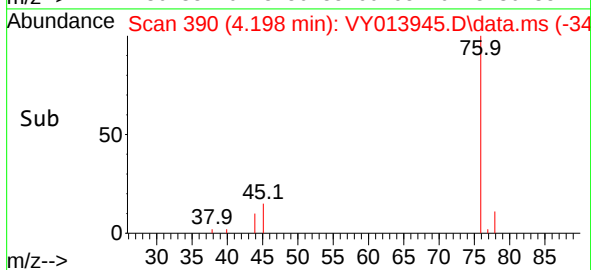
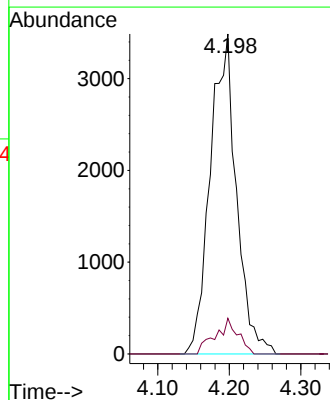
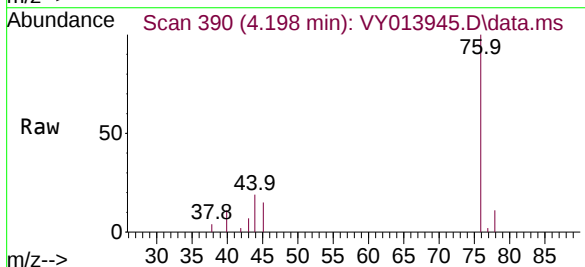
Acq: 31 May 2023 18:56

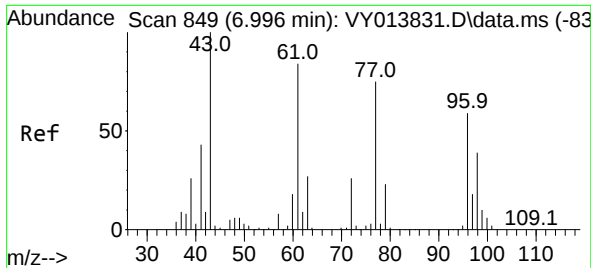
Tgt Ion: 76 Resp: 8860

Ion Ratio Lower Upper

76 100

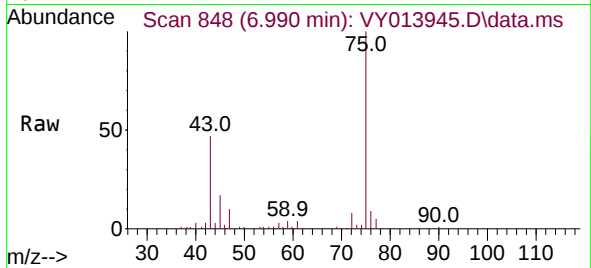
78 11.2 7.5 11.3





#25
2-Butanone
Concen: 24.797 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

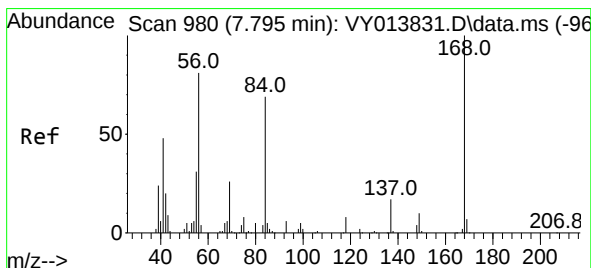
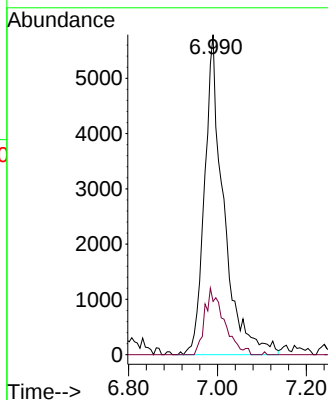
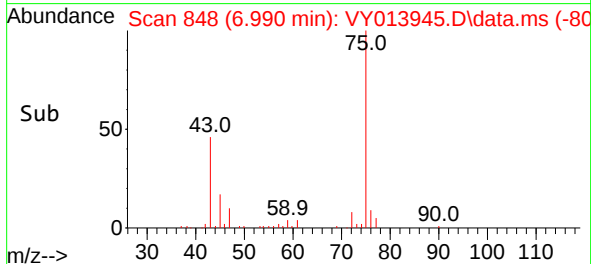
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-0A



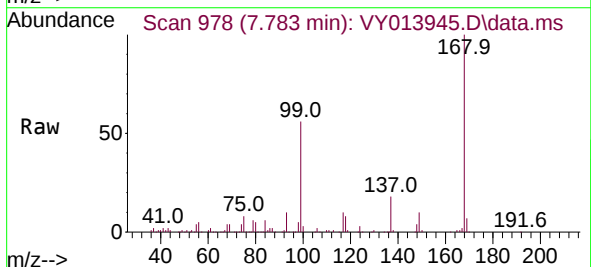
Tgt Ion: 43 Resp: 17330
Ion Ratio Lower Upper
43 100
72 16.7 20.5 30.7

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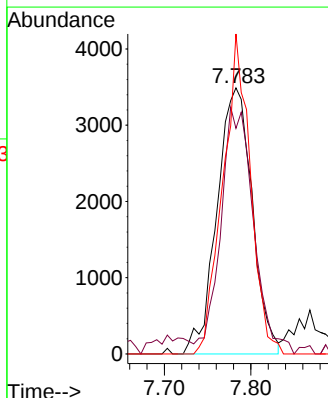
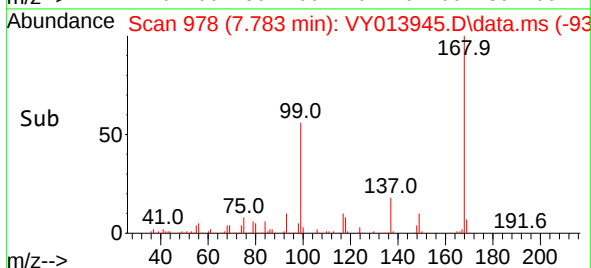
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

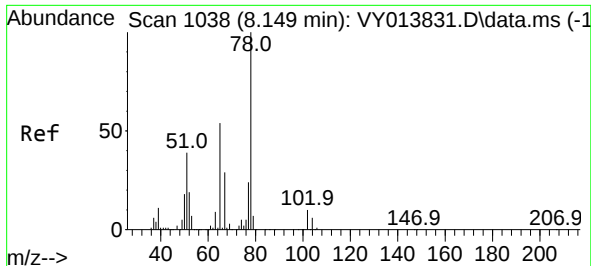


#31
Cyclohexane
Concen: 3.323 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56



Tgt Ion: 56 Resp: 9851
Ion Ratio Lower Upper
56 100
69 79.0 25.8 38.8#
84 120.3 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 65.988 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VY013945.D

Acq: 31 May 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-12-0A

Tgt Ion: 65 Resp: 127338

Ion Ratio Lower Upper

65 100

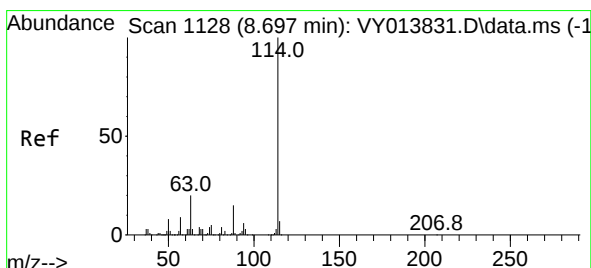
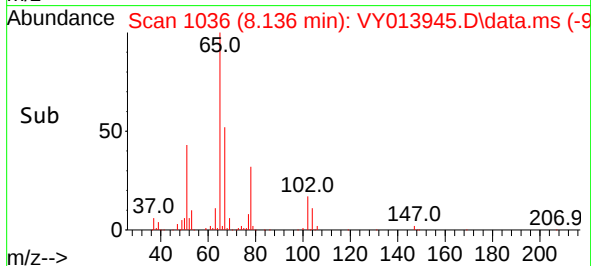
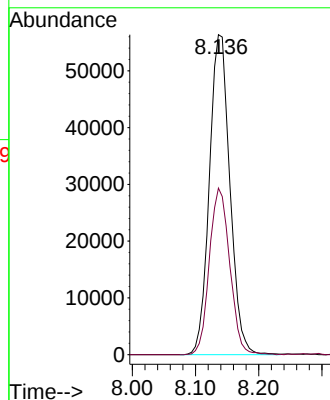
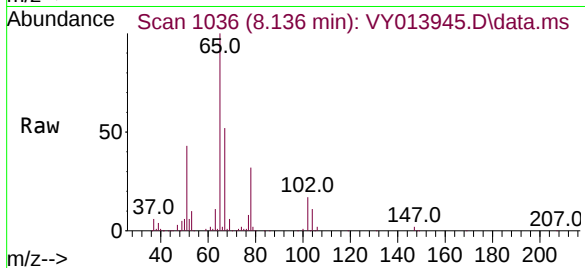
67 51.6 0.0 104.4

Manual Integrations

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Supervised By :Mahesh Dadoda 06/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013945.D

Acq: 31 May 2023 18:56

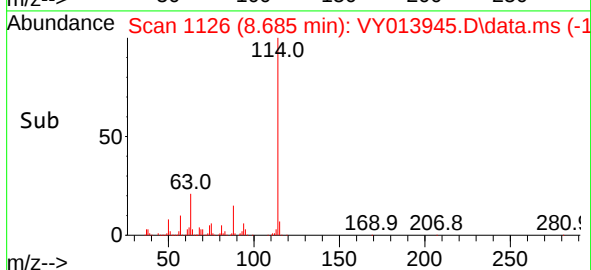
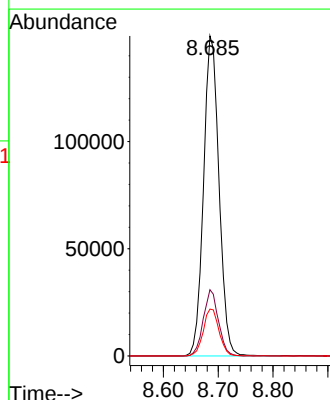
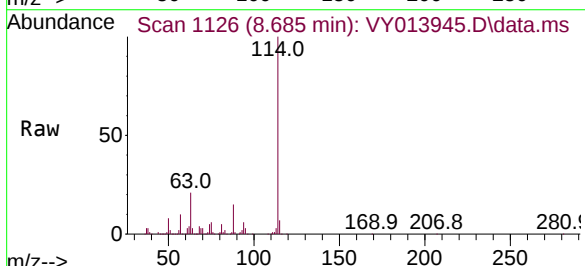
Tgt Ion:114 Resp: 292166

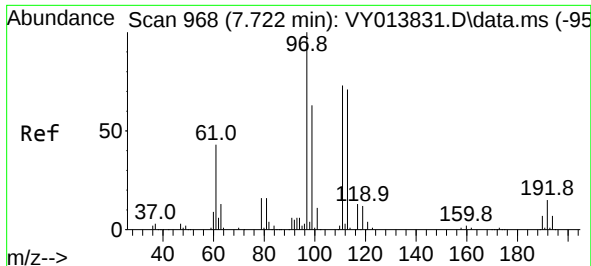
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

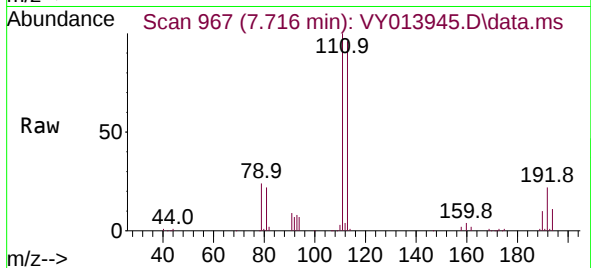
88 14.7 0.0 30.0





#35
Dibromofluoromethane
Concen: 52.615 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

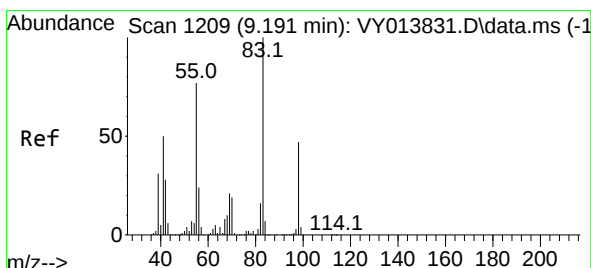
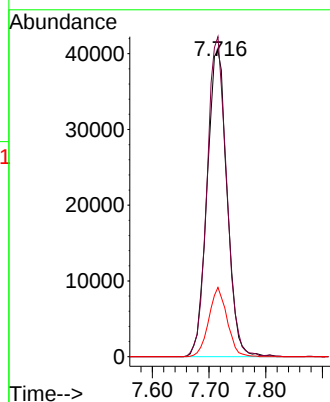
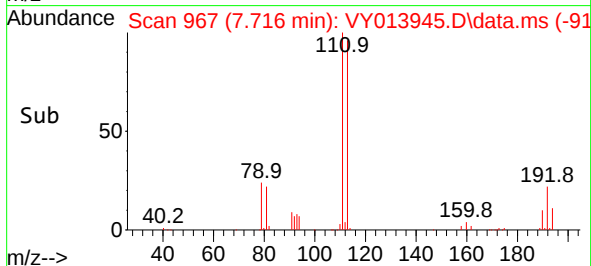
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-0A



Tgt Ion:113 Resp: 99275
Ion Ratio Lower Upper
113 100
111 101.8 80.4 120.6
192 20.7 16.6 25.0

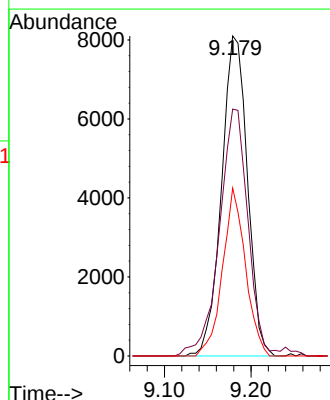
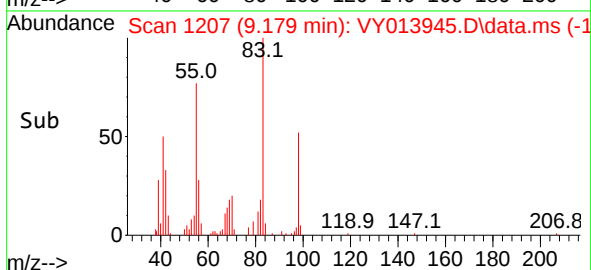
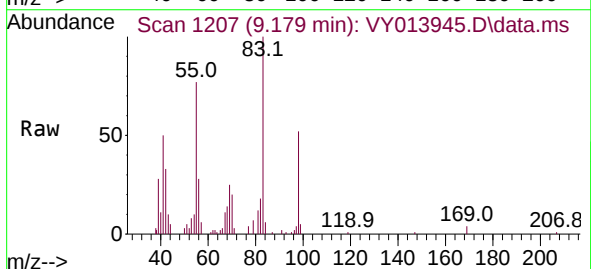
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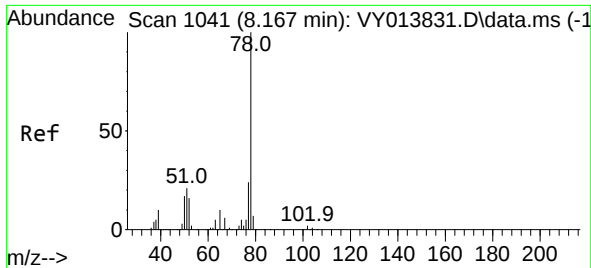
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#39
Methylcyclohexane
Concen: 4.998 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.012 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

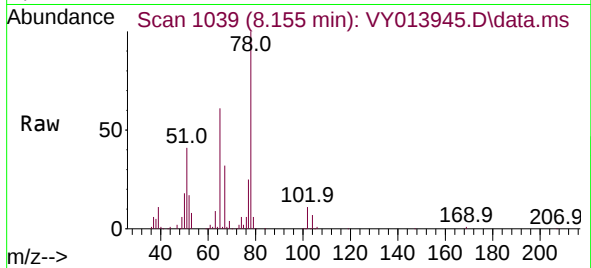
Tgt Ion: 83 Resp: 16823
Ion Ratio Lower Upper
83 100
55 76.5 61.6 92.4
98 52.4 38.0 57.0





#40
Benzene
Concen: 13.476 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

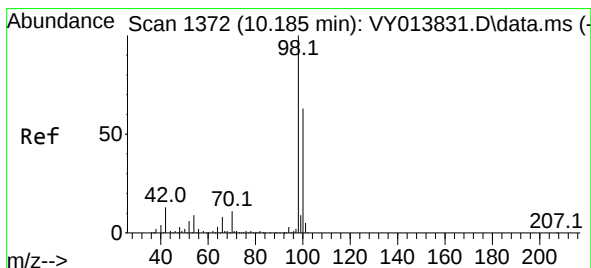
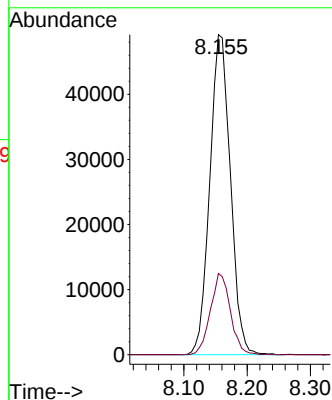
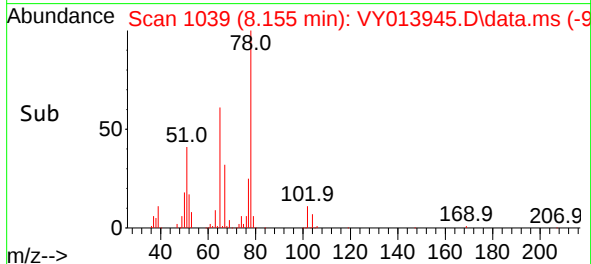
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-0A



Tgt Ion: 78 Resp: 111235
Ion Ratio Lower Upper
78 100
77 25.4 19.5 29.3

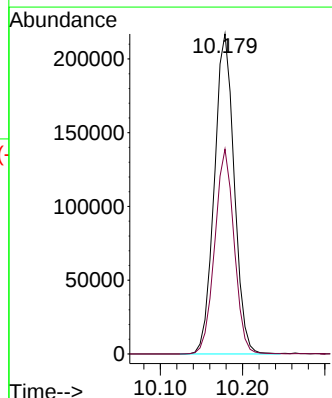
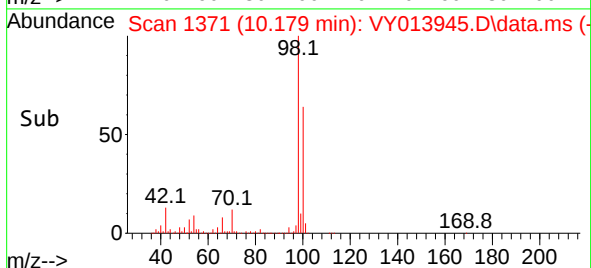
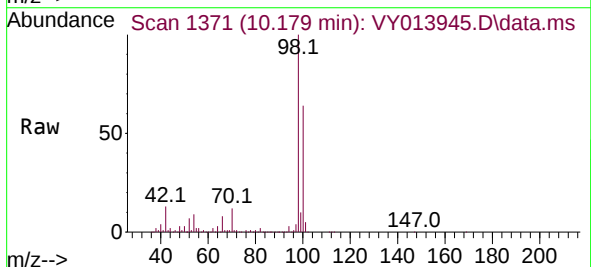
Manual Integrations
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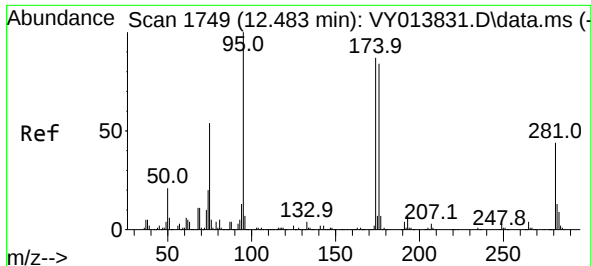
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#50
Toluene-d8
Concen: 50.788 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

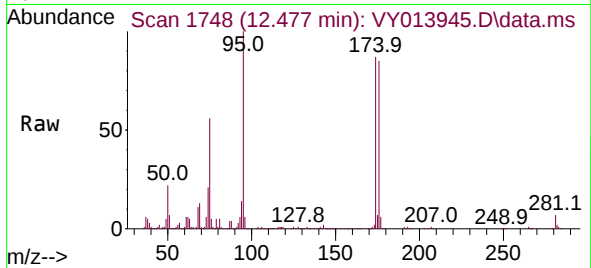
Tgt Ion: 98 Resp: 364212
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2





#62
4-Bromofluorobenzene
Concen: 54.575 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

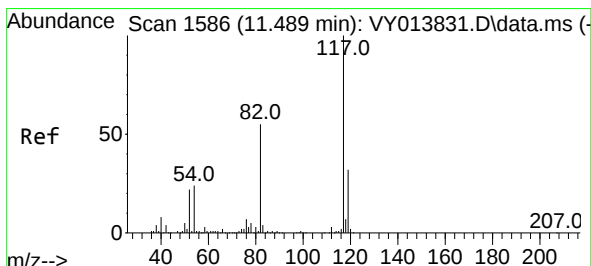
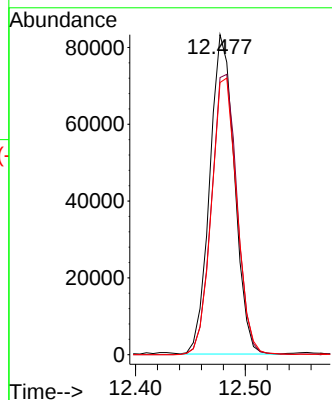
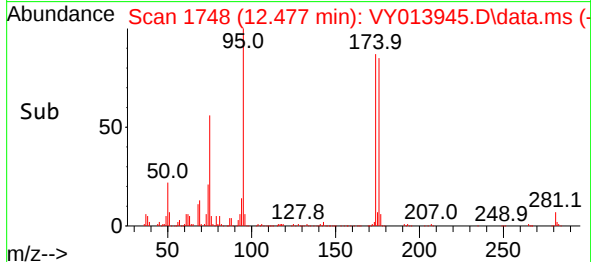
Instrument :
MSVOA_Y
ClientSampleId :
TP-12-0A



Tgt Ion: 95 Resp: 130092
Ion Ratio Lower Upper
95 100
174 90.9 0.0 176.0
176 89.1 0.0 170.2

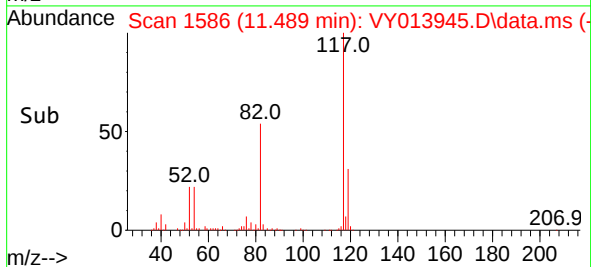
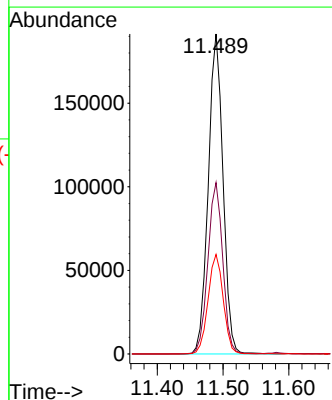
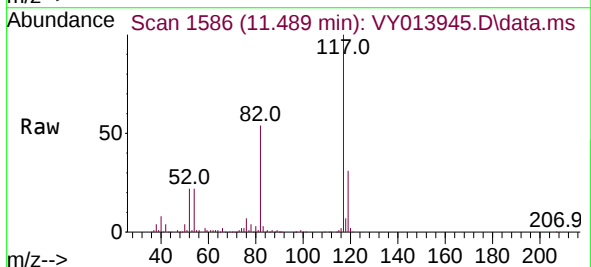
Manual Integrations
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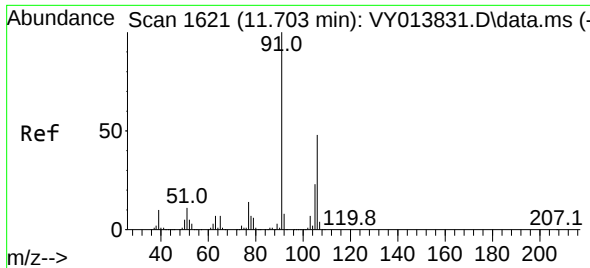
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

Tgt Ion:117 Resp: 298844
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 31.1 25.7 38.5





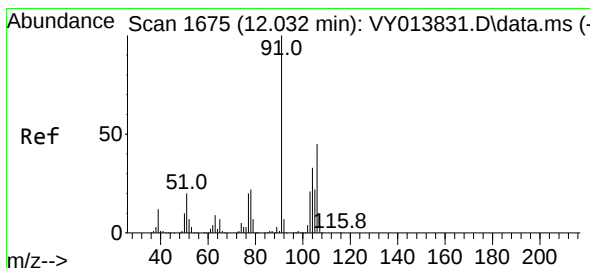
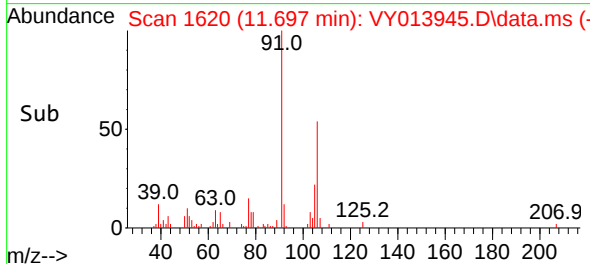
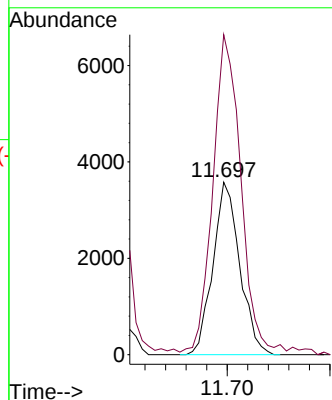
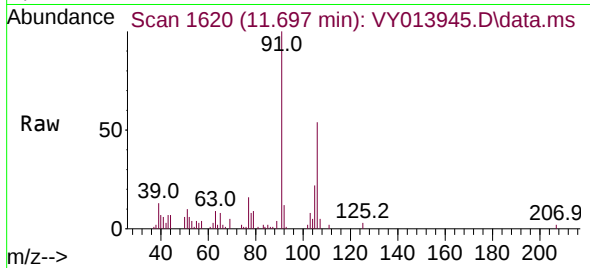
#68
m/p-Xylenes
Concen: 1.518 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-0A

Tgt Ion:106 Resp: 6470
Ion Ratio Lower Upper
106 100
91 197.9 164.9 247.3

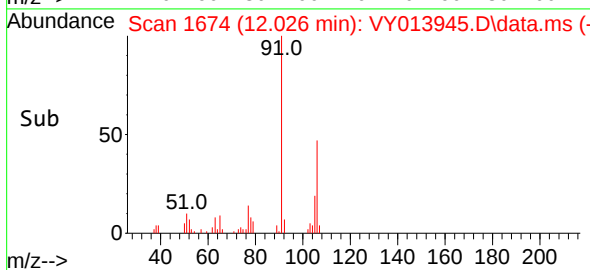
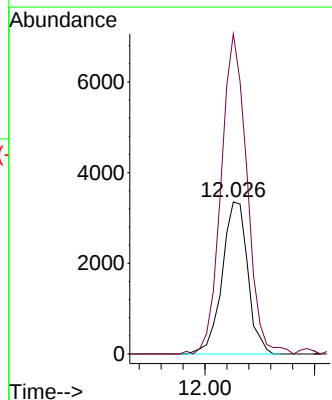
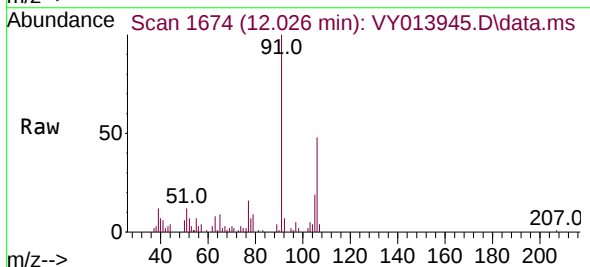
Manual Integrations
APPROVED

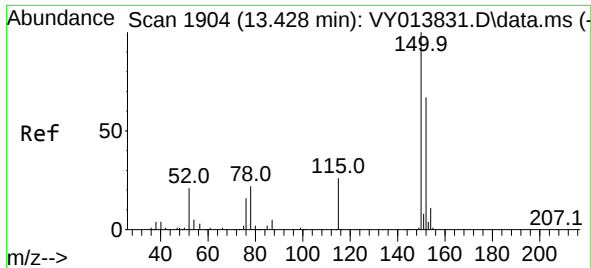
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#69
o-Xylene
Concen: 1.350 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013945.D
Acq: 31 May 2023 18:56

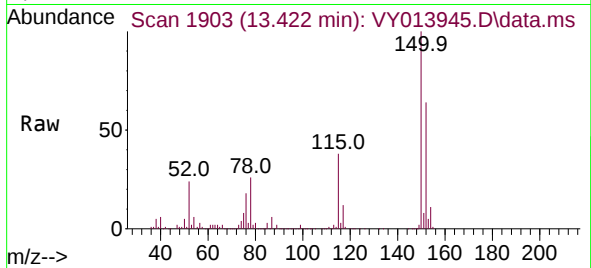
Tgt Ion:106 Resp: 5424
Ion Ratio Lower Upper
106 100
91 212.6 109.0 327.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013945.D
 Acq: 31 May 2023 18:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-0A



Tgt Ion:152 Resp: 142733
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 156.0 0.0 353.4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

