

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
 Data File : VY015016.D
 Acq On : 09 Aug 2023 19:27
 Operator : SY/MD
 Sample : 03956-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP23B

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:50:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	6336	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	12037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5485	71.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.840%			
35) Dibromofluoromethane	7.710	113	2144	27.854	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 55.700%			
50) Toluene-d8	10.179	98	13870	47.341	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.680%			
62) 4-Bromofluorobenzene	12.477	95	6151	59.237	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.480%			
Target Compounds						
					Qvalue	
40) Benzene	8.155	78	2585	9.186	ug/l	# 84
67) Ethyl Benzene	11.593	91	16907	40.224	ug/l	94
68) m/p-Xylenes	11.703	106	5818	36.183	ug/l	81
69) o-Xylene	12.026	106	3119	19.824	ug/l	98
73) Isopropylbenzene	12.331	105	2792	6.701	ug/l	92
78) n-propylbenzene	12.672	91	1983	3.979	ug/l	90
80) 1,3,5-Trimethylbenzene	12.806	105	5132	14.947	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	16285	47.341	ug/l	97
86) p-Isopropyltoluene	13.361	119	1413	3.703	ug/l	90
89) n-Butylbenzene	13.703	91	837m	2.335	ug/l	

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

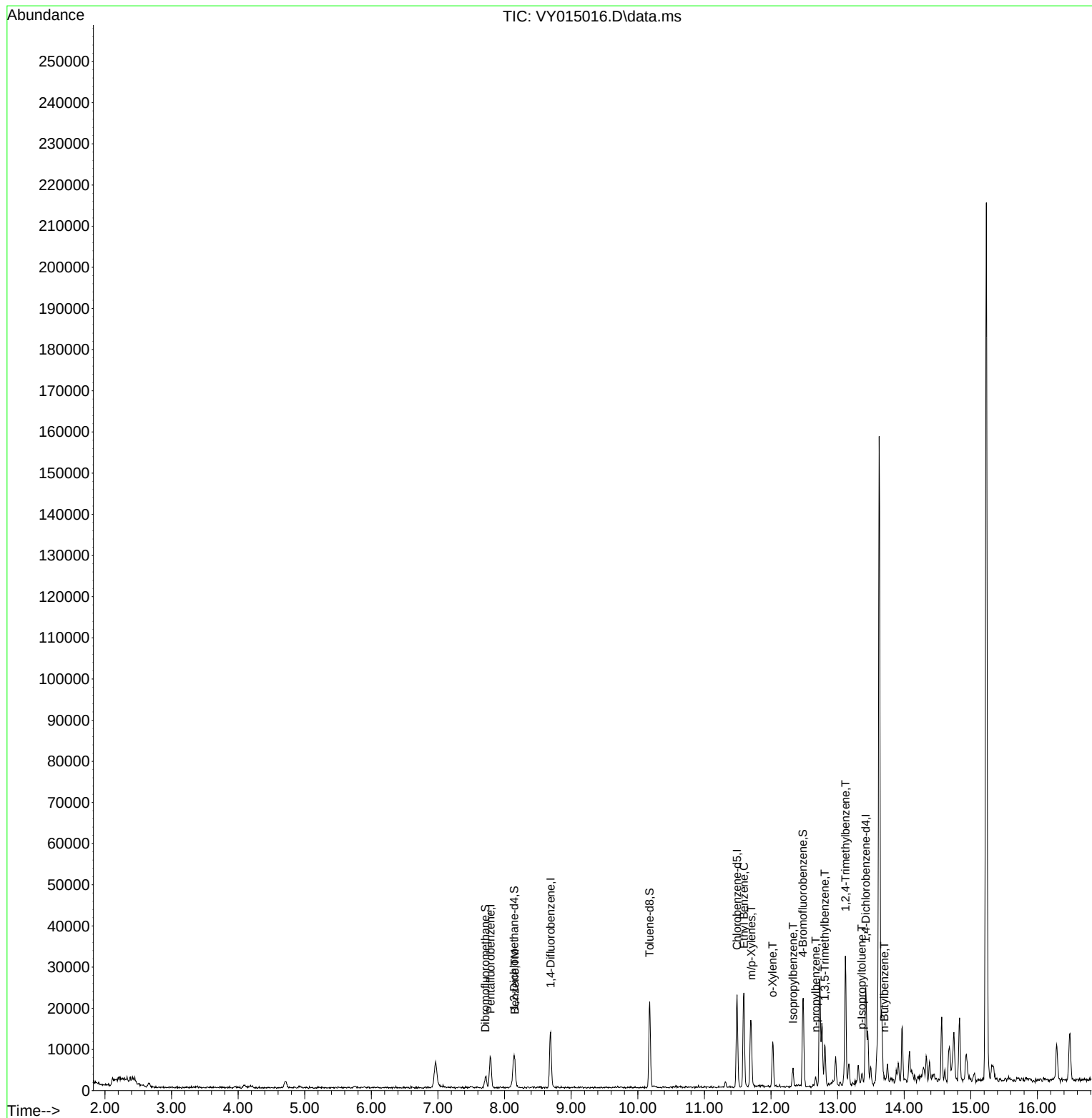
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080923\
Data File : VY015016.D
Acq On : 09 Aug 2023 19:27
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ALS Vial : 20 Sample Multiplier: 1

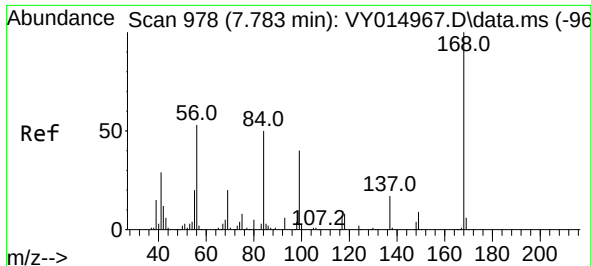
Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

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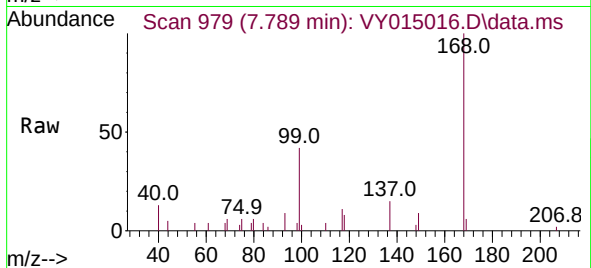
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

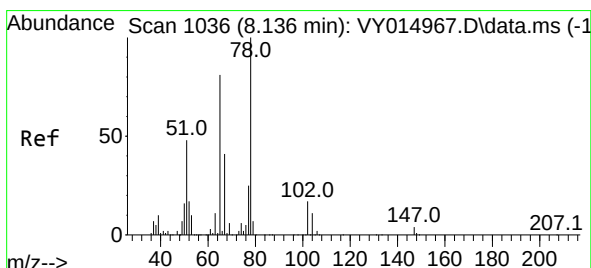
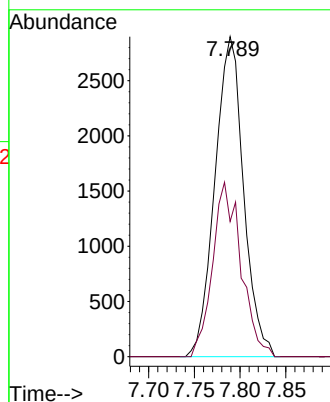
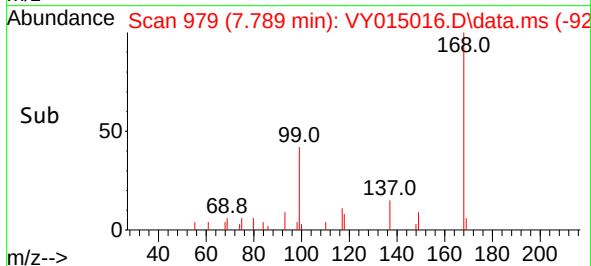
Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B



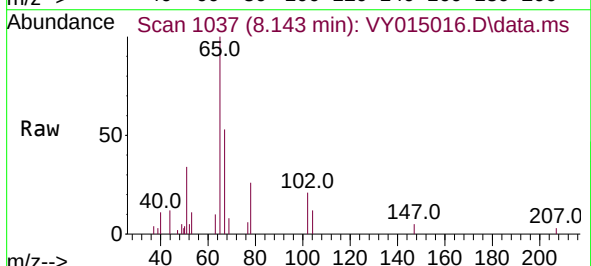
Tgt Ion:168 Resp: 6330
Ion Ratio Lower Upper
168 100
99 42.3 43.4 65.0

Manual Integrations
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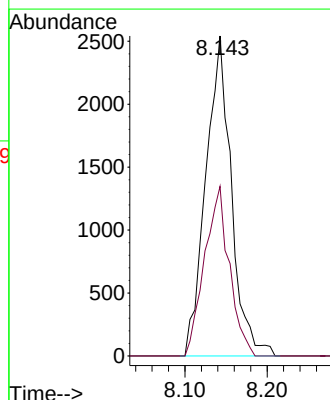
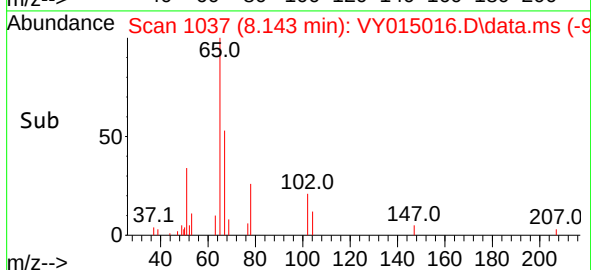
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

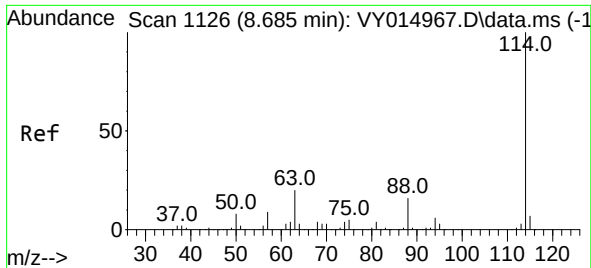


#33
1,2-Dichloroethane-d4
Concen: 71.425 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27



Tgt Ion: 65 Resp: 5485
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8





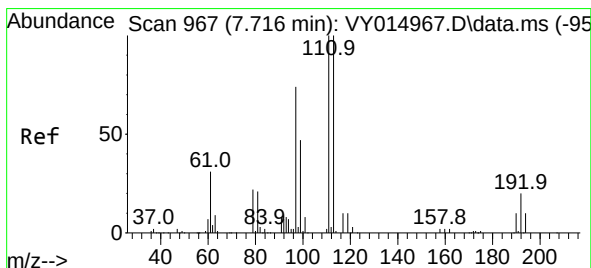
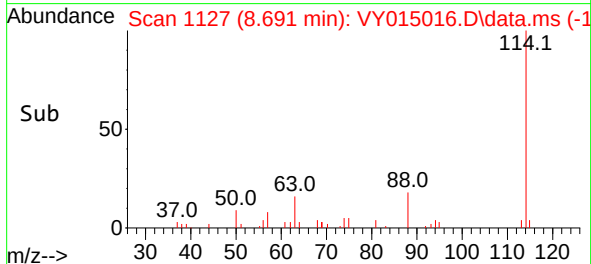
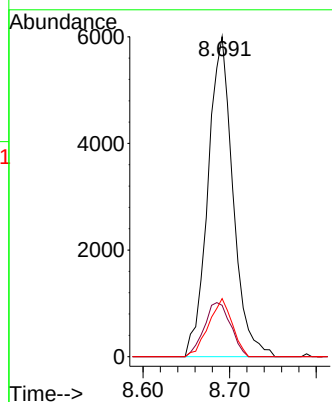
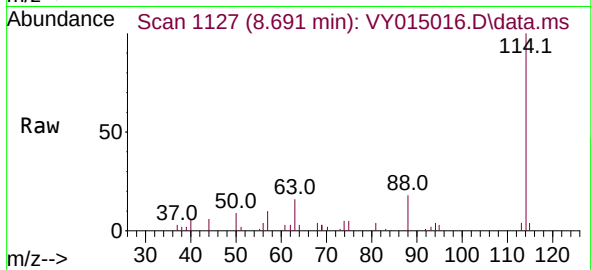
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:114 Resp: 1203
Ion Ratio Lower Upper
114 100
63 16.1 0.0 42.4
88 18.2 0.0 30.6

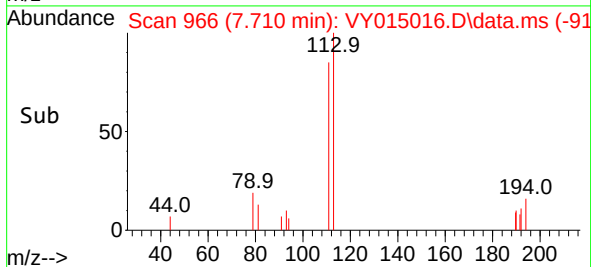
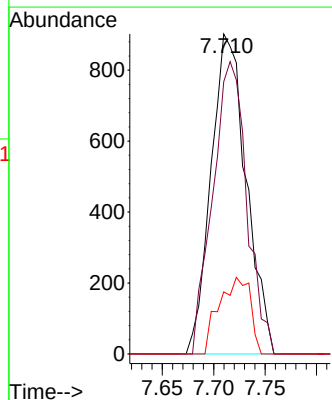
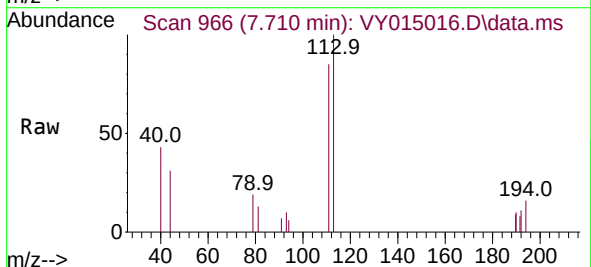
Manual Integrations
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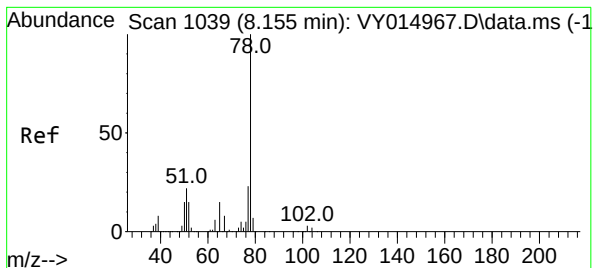
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#35
Dibromofluoromethane
Concen: 27.854 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Tgt Ion:113 Resp: 2144
Ion Ratio Lower Upper
113 100
111 88.6 81.3 121.9
192 21.2 16.9 25.3





#40

Benzene

Concen: 9.186 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015016.D

Acq: 09 Aug 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

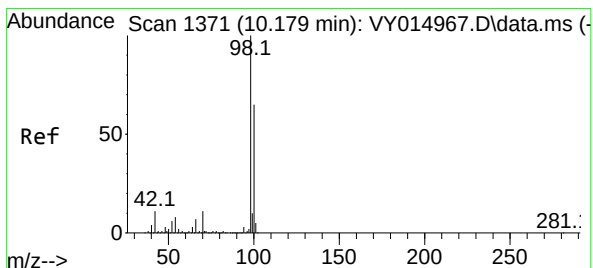
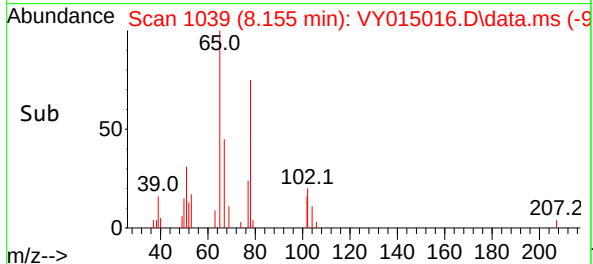
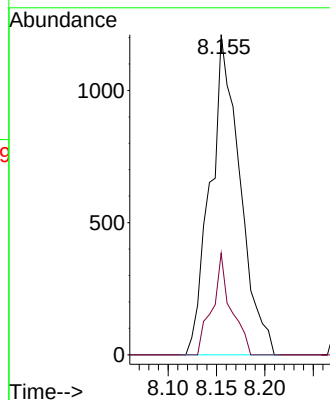
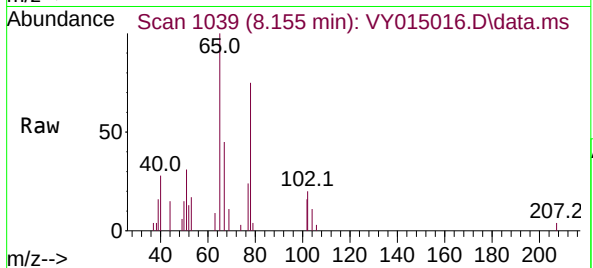
B-PP23B

Tgt Ion: 78 Resp: 2585
 Ion Ratio Lower Upper
 78 100
 77 31.7 19.0 28.6

Manual Integrations

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Reviewed By :Romaben Patel 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023



#50

Toluene-d8

Concen: 47.341 ug/l

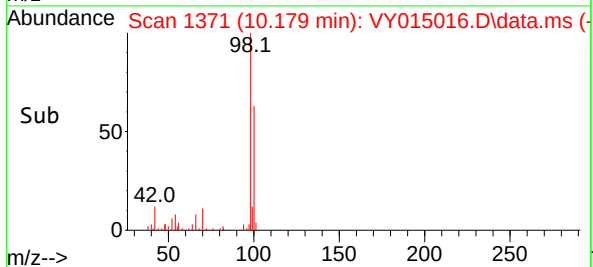
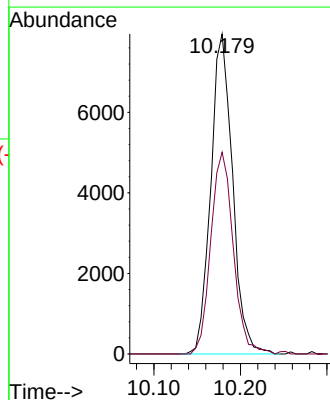
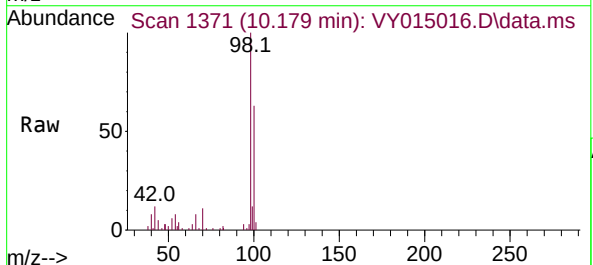
RT: 10.179 min Scan# 1371

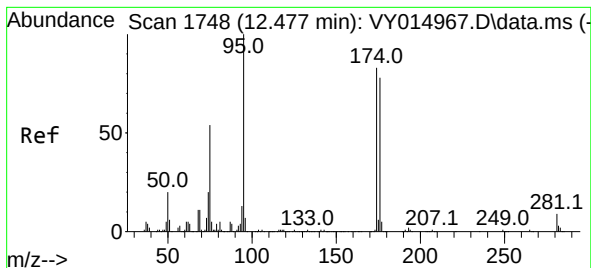
Delta R.T. 0.000 min

Lab File: VY015016.D

Acq: 09 Aug 2023 19:27

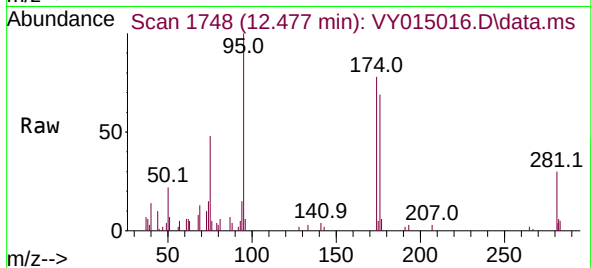
Tgt Ion: 98 Resp: 13870
 Ion Ratio Lower Upper
 98 100
 100 65.1 50.1 75.1





#62
4-Bromofluorobenzene
Concen: 59.237 ug/l
RT: 12.477 min Scan# 115
Delta R.T. 0.000 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

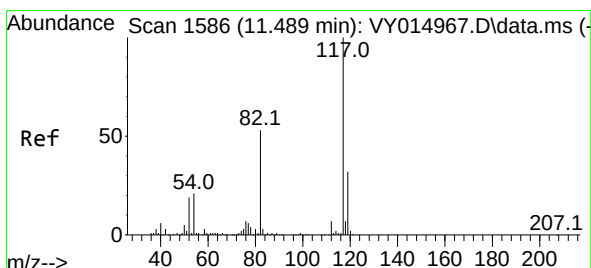
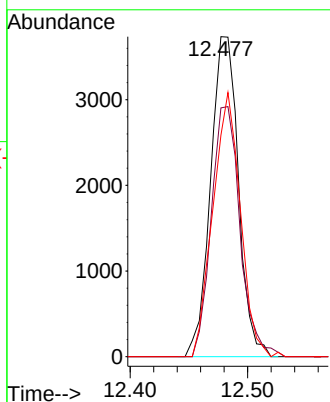
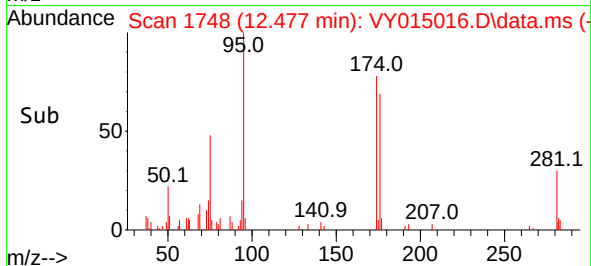
Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B



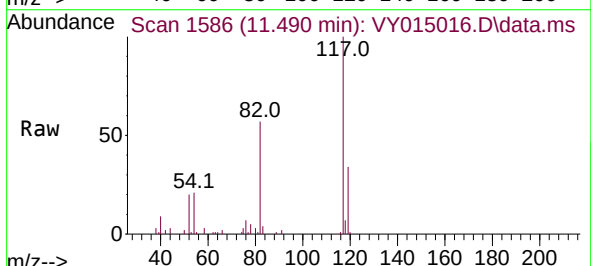
Tgt Ion: 95 Resp: 615
Ion Ratio Lower Upper
95 100
174 80.6 0.0 178.2
176 81.5 0.0 173.8

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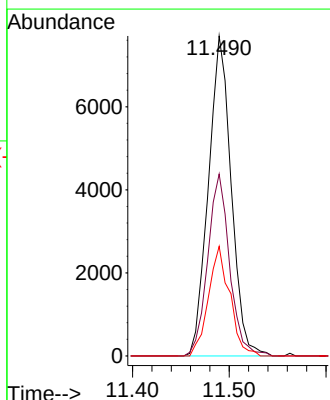
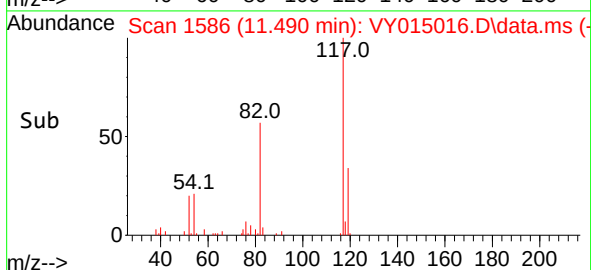
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

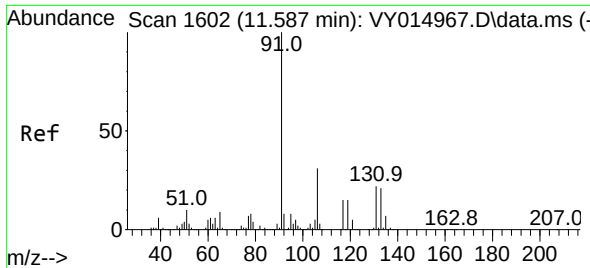


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27



Tgt Ion:117 Resp: 12622
Ion Ratio Lower Upper
117 100
82 56.9 43.4 65.0
119 34.3 26.3 39.5





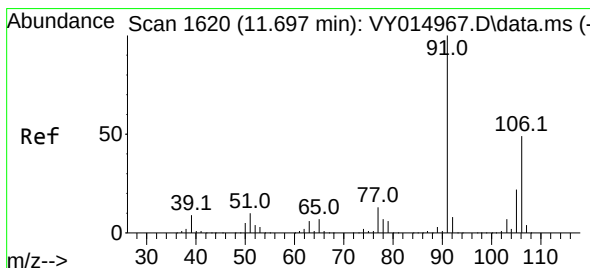
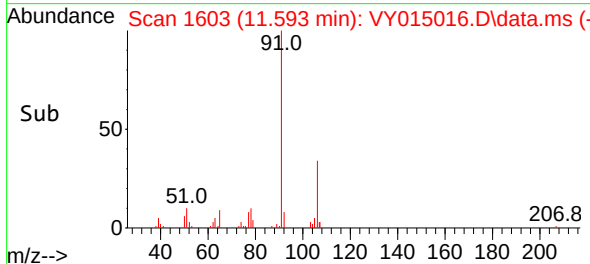
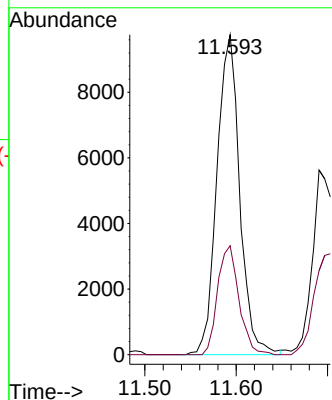
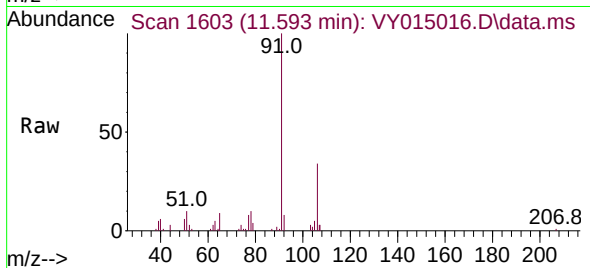
#67
Ethyl Benzene
Concen: 40.224 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion: 91 Resp: 1690
Ion Ratio Lower Upper
91 100
106 34.1 24.6 36.8

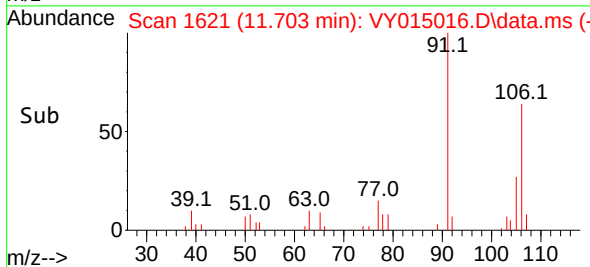
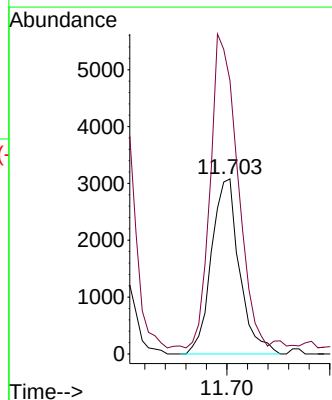
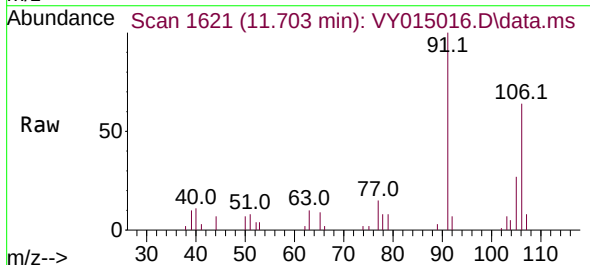
Manual Integrations
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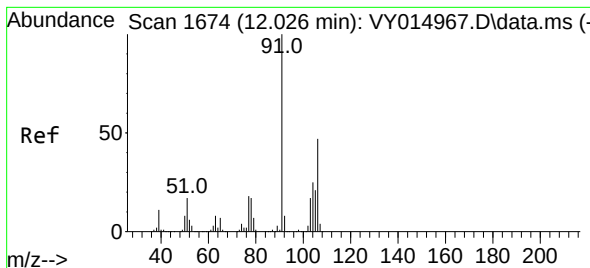
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#68
m/p-Xylenes
Concen: 36.183 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Tgt Ion:106 Resp: 5818
Ion Ratio Lower Upper
106 100
91 178.2 166.1 249.1





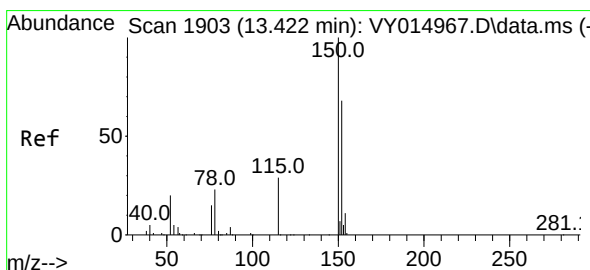
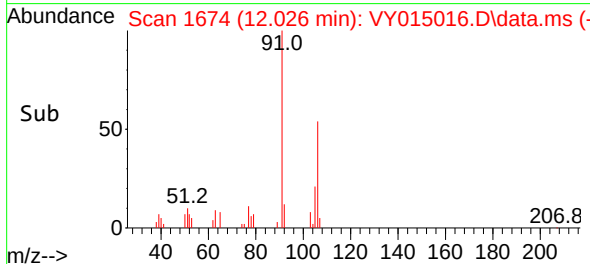
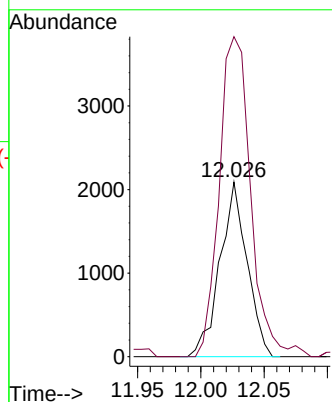
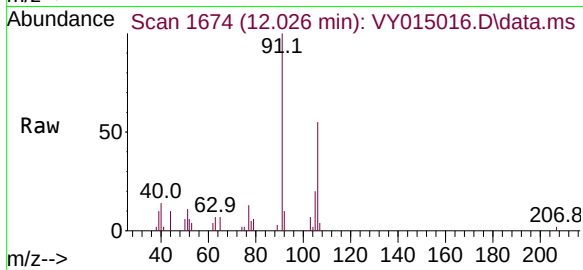
#69
o-Xylene
Concen: 19.824 ug/l
RT: 12.026 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:106 Resp: 3119
Ion Ratio Lower Upper
106 100
91 212.3 108.1 324.3

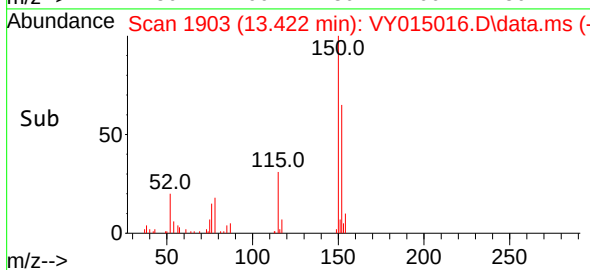
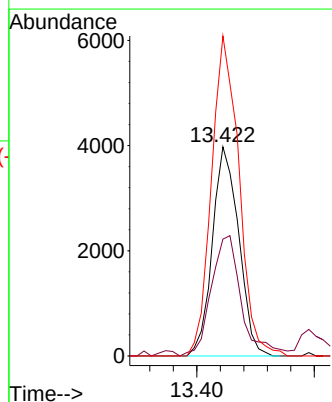
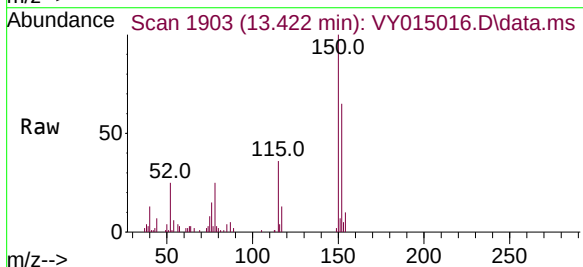
Manual Integrations
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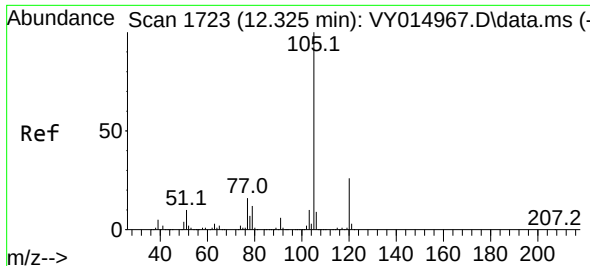
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Tgt Ion:152 Resp: 6198
Ion Ratio Lower Upper
152 100
115 65.7 28.8 86.5
150 159.5 0.0 348.8





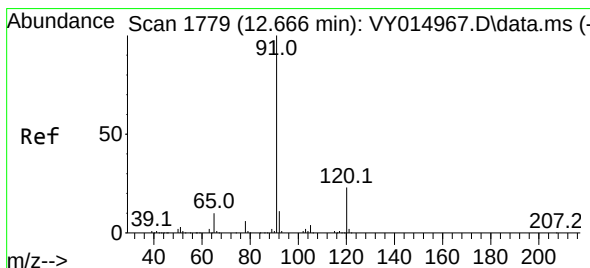
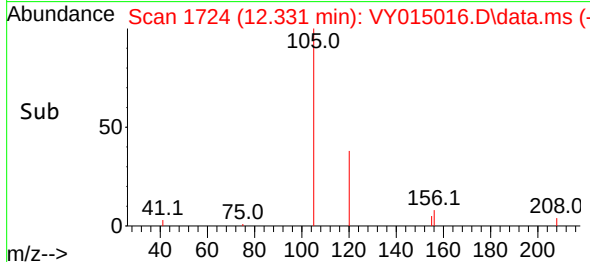
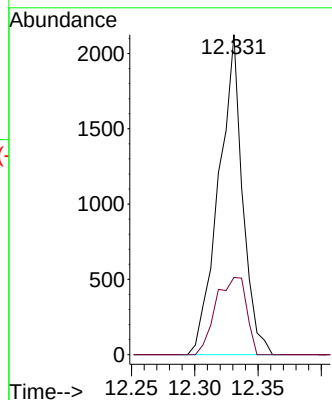
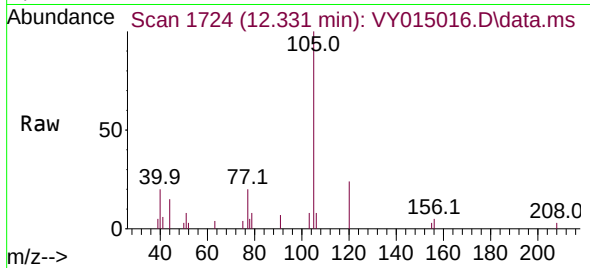
#73
Isopropylbenzene
Concen: 6.701 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion:105 Resp: 2792
Ion Ratio Lower Upper
105 100
120 30.8 13.3 39.9

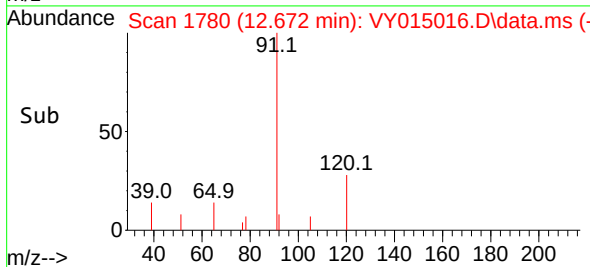
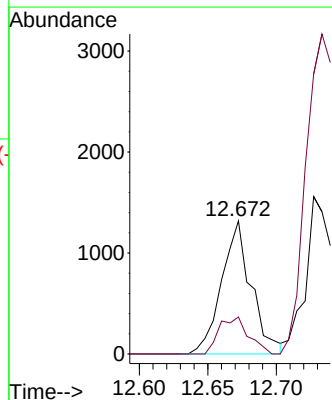
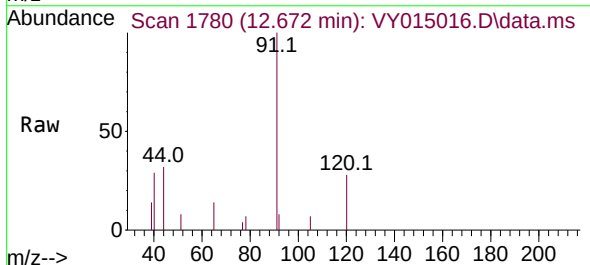
Manual Integrations
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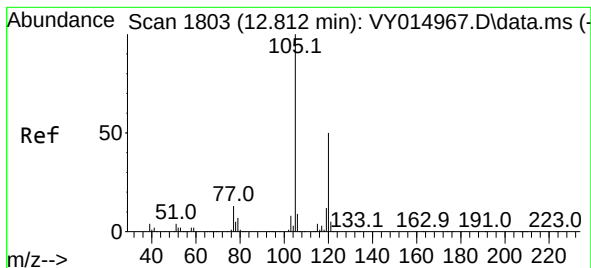
Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#78
n-propylbenzene
Concen: 3.979 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Tgt Ion: 91 Resp: 1983
Ion Ratio Lower Upper
91 100
120 27.7 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 14.947 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY015016.D

Acq: 09 Aug 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

B-PP23B

Tgt Ion:105 Resp: 513

Ion Ratio Lower Upper

105 100

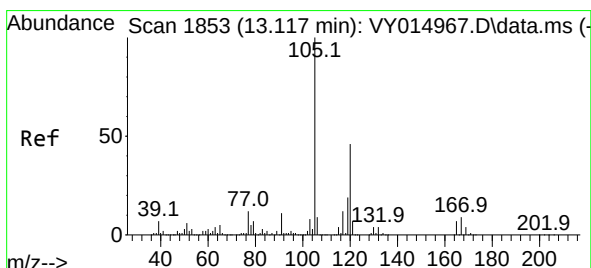
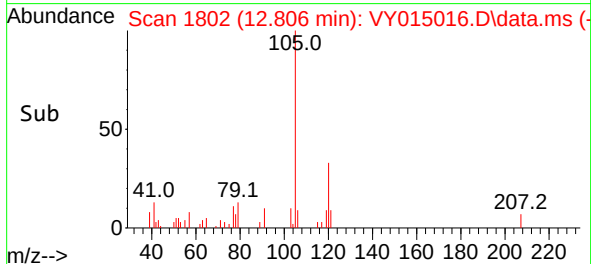
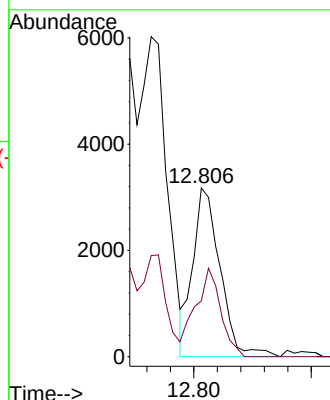
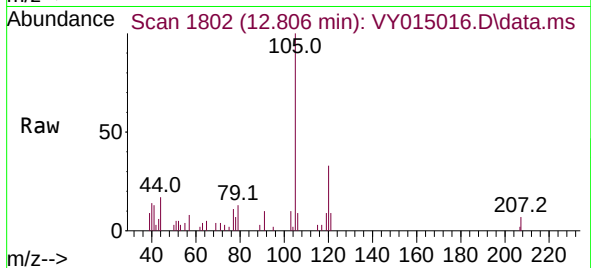
120 48.3 23.9 71.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/10/2023

Supervised By :Mahesh Dadoda 08/10/2023



#84

1,2,4-Trimethylbenzene

Concen: 47.341 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015016.D

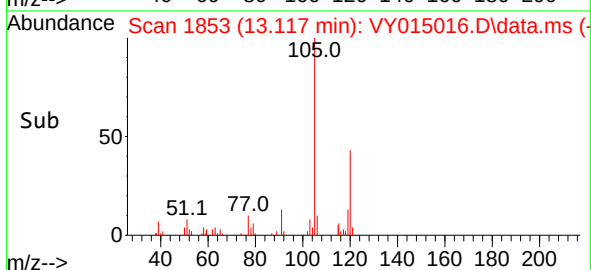
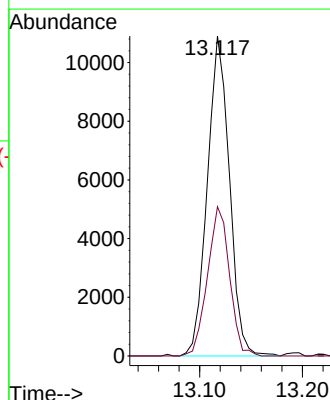
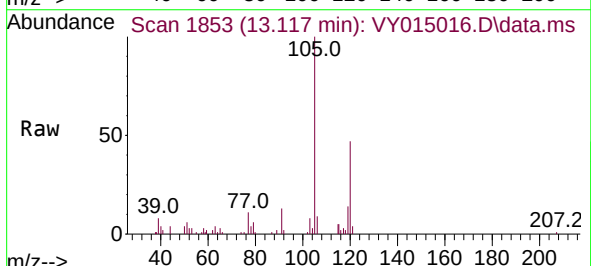
Acq: 09 Aug 2023 19:27

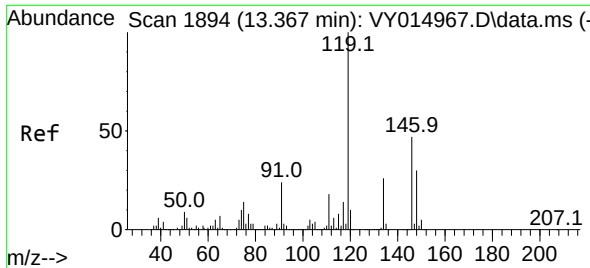
Tgt Ion:105 Resp: 16285

Ion Ratio Lower Upper

105 100

120 46.5 22.2 66.6





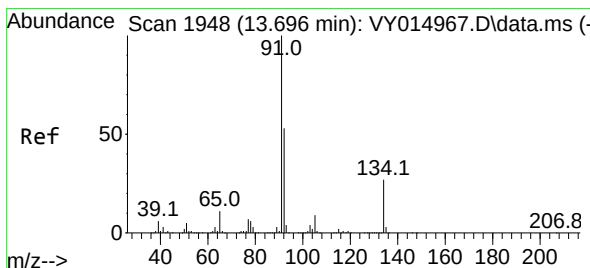
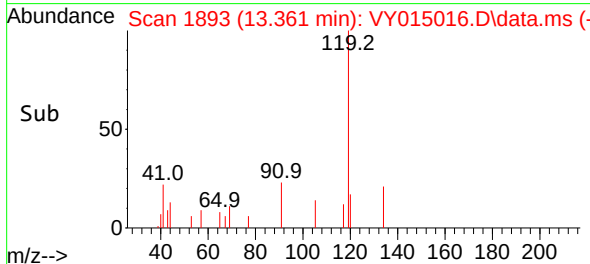
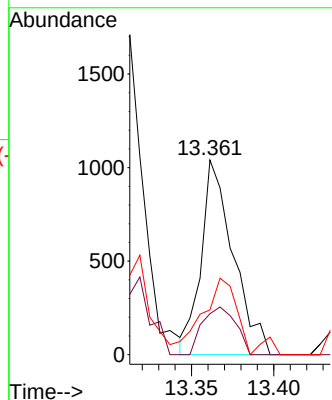
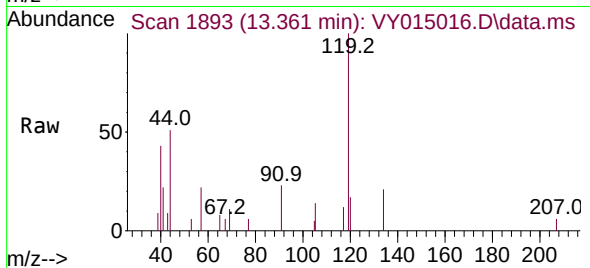
#86
p-Isopropyltoluene
Concen: 3.703 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23B

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.3	39.8
91	33.7	12.4	37.4

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#89
n-Butylbenzene
Concen: 2.335 ug/l m
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY015016.D
Acq: 09 Aug 2023 19:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	142.8	25.4	76.0#
134	0.0	12.6	37.6#

