

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019424.D
 Acq On : 03 Sep 2024 13:17
 Operator : SY/MD
 Sample : P3787-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024

Quant Time: Sep 03 15:18:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	80461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	141911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	126226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	45835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	46371	60.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.700%			
35) Dibromofluoromethane	7.634	113	45796	51.043	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.080%			
50) Toluene-d8	10.109	98	158242	47.911	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.820%			
62) 4-Bromofluorobenzene	12.408	95	47644	44.600	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 89.200%			
Target Compounds					Qvalue	
16) Acetone	3.873	43	1065	7.105	ug/l	88
39) Methylcyclohexane	9.109	83	2116	1.301	ug/l #	82
40) Benzene	8.079	78	10433	2.704	ug/l	99
52) Toluene	10.170	92	30690	12.132	ug/l	96
67) Ethyl Benzene	11.518	91	21541	4.363	ug/l	94
68) m/p-Xylenes	11.627	106	53868	27.575	ug/l	100
69) o-Xylene	11.956	106	36604	20.117	ug/l	99
73) Isopropylbenzene	12.261	105	4373	1.197	ug/l	95
78) n-propylbenzene	12.597	91	8442	1.912	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	39842	13.836	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	83554	30.223	ug/l	99
95) Naphthalene	15.145	128	1852947	1575.282	ug/l	99

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

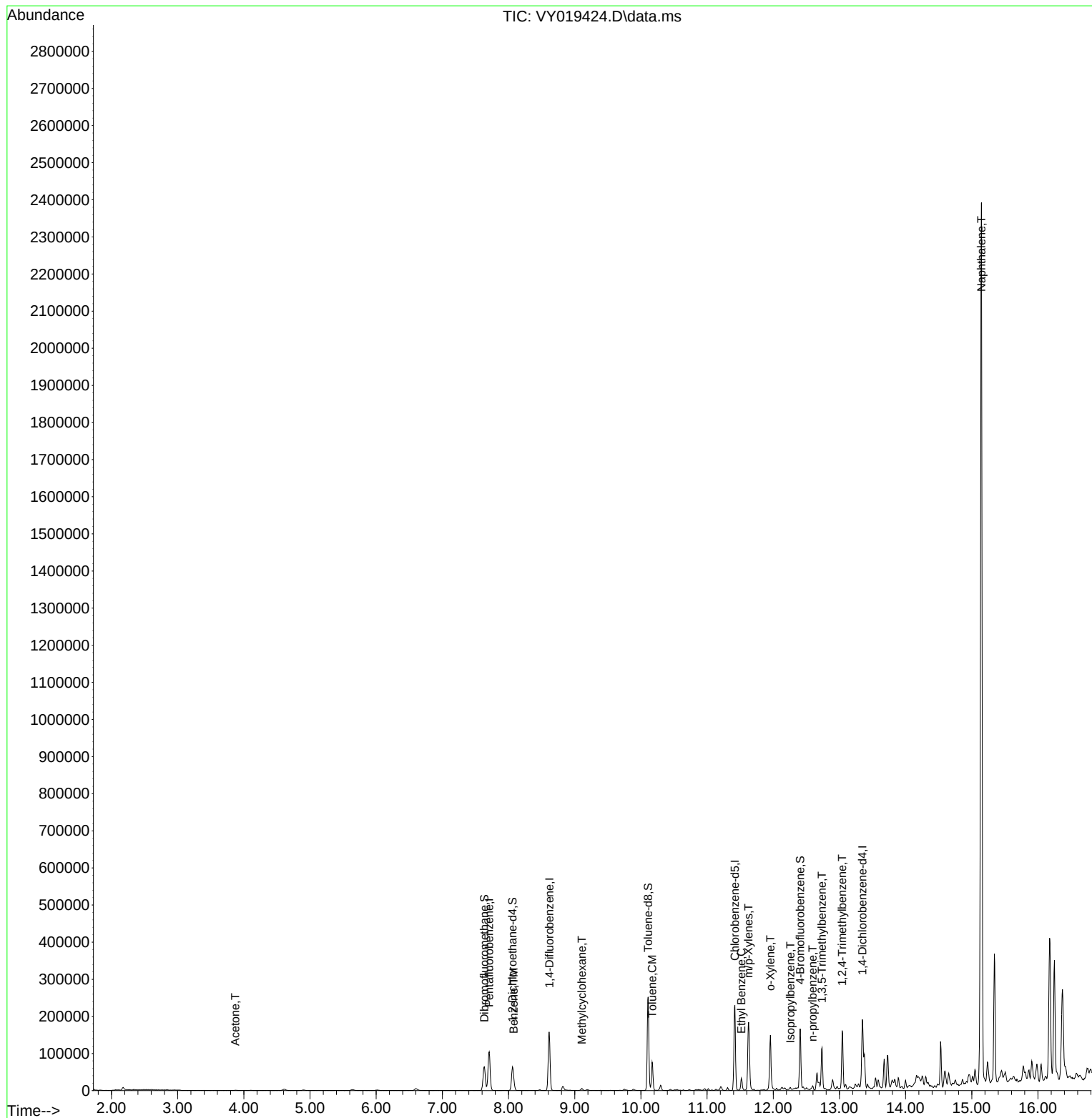
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
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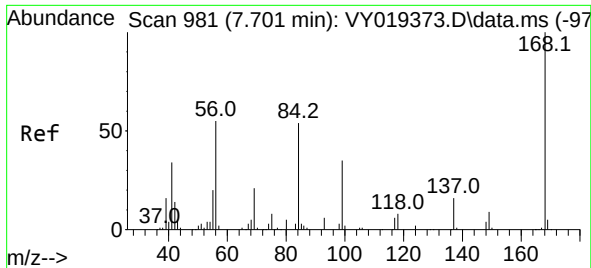
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Quant Time: Sep 03 15:18:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
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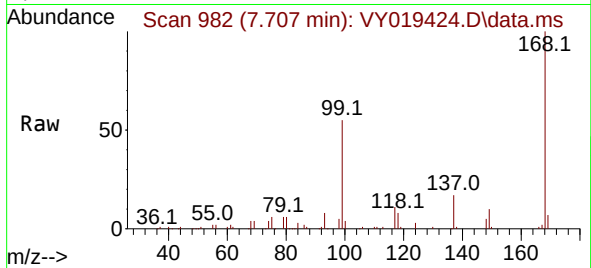
Reviewed By :Romaben Patel 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

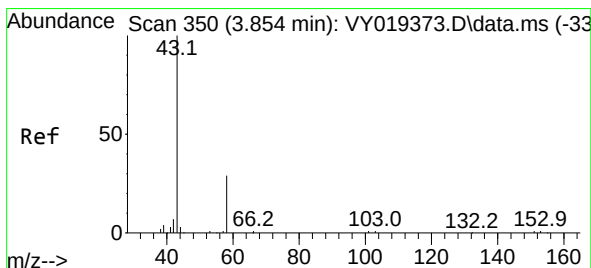
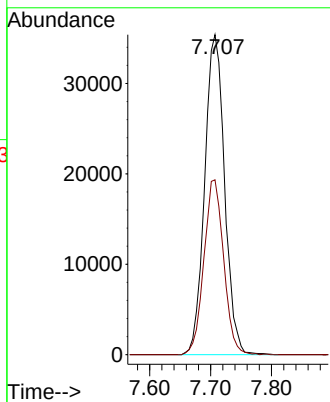
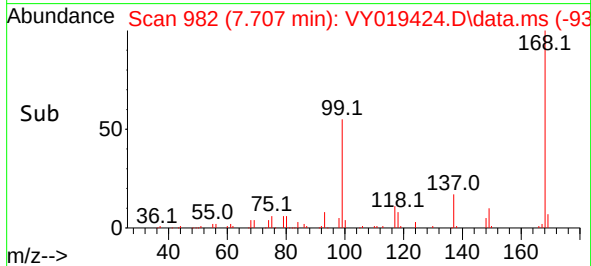
Instrument :
MSVOA_Y
ClientSampleId :
SB-2



Tgt Ion:168 Resp: 8046
Ion Ratio Lower Upper
168 100
99 54.6 39.1 58.7

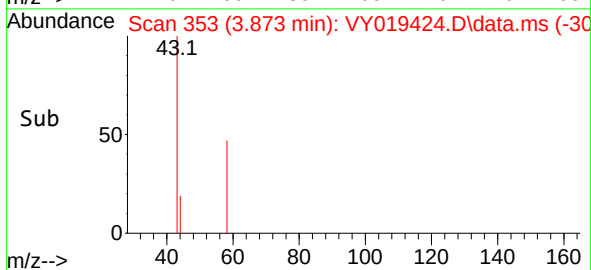
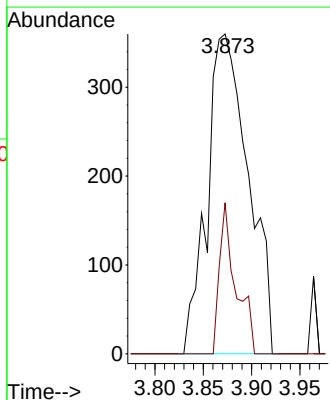
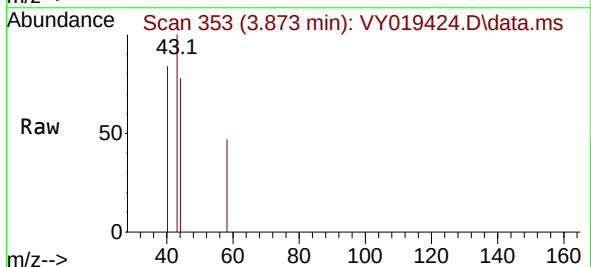
Manual Integrations
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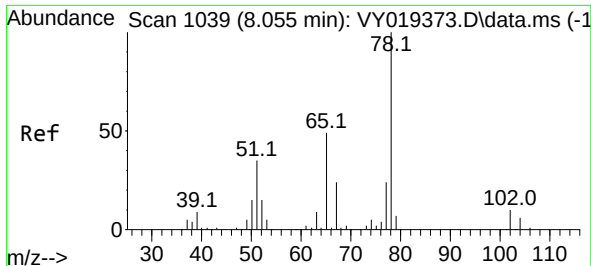
Reviewed By :Romaben Patel 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#16
Acetone
Concen: 7.105 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 47.2 31.7 47.5





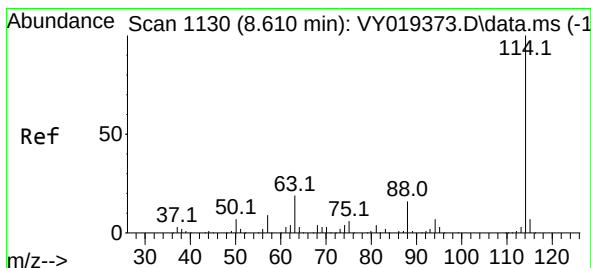
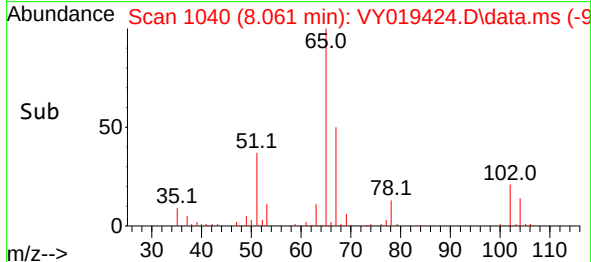
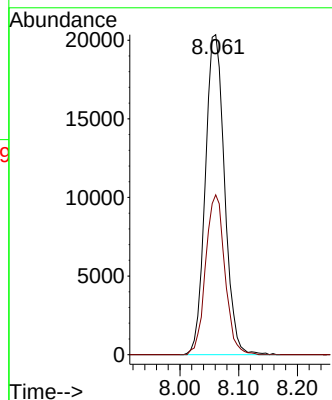
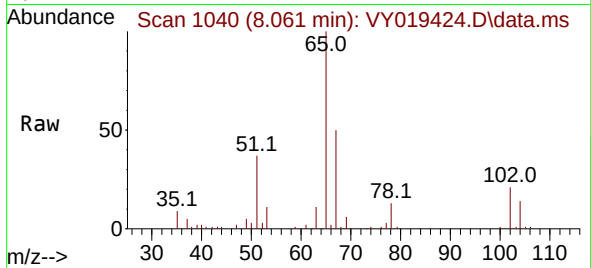
#33
1,2-Dichloroethane-d4
Concen: 60.846 ug/l
RT: 8.061 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tgt Ion: 65 Resp: 4637
Ion Ratio Lower Upper
65 100
67 49.9 0.0 109.6

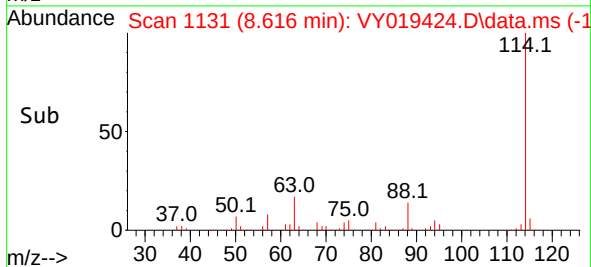
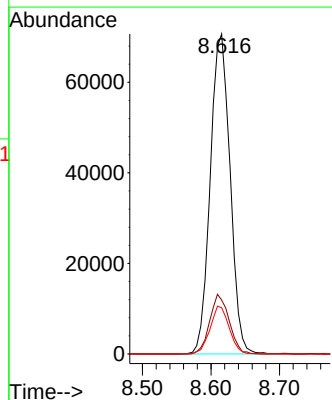
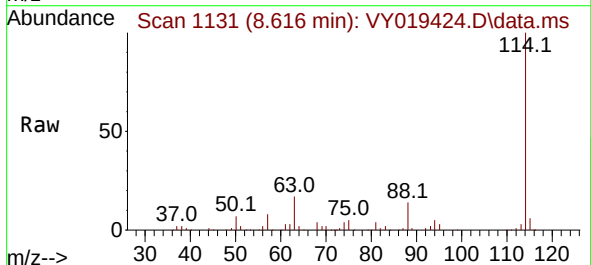
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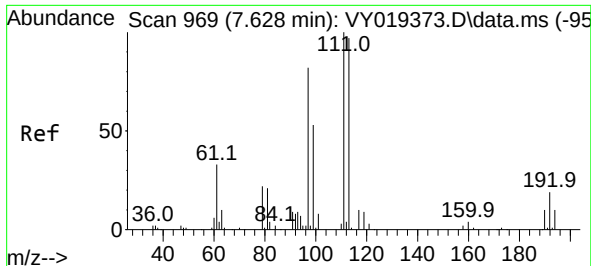
Reviewed By :Romaben Patel 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

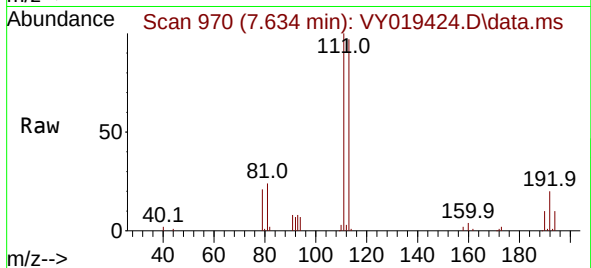
Tgt Ion:114 Resp: 141911
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 14.4 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.043 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

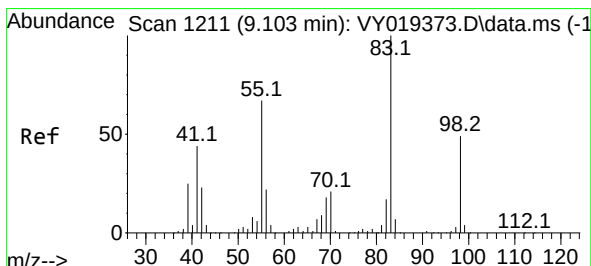
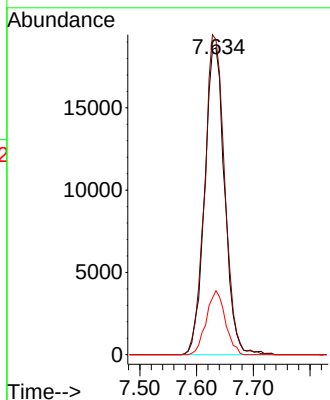
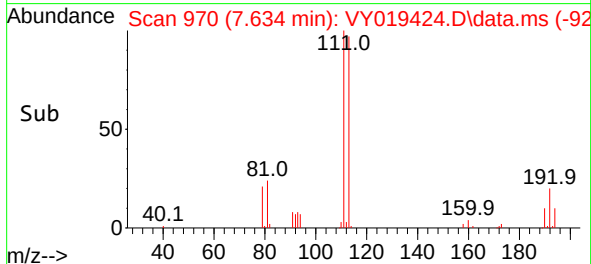
Instrument :
MSVOA_Y
ClientSampleId :
SB-2



Tgt Ion: 113 Resp: 45790
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 19.8 15.9 23.9

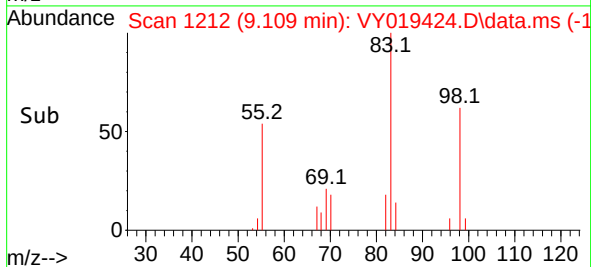
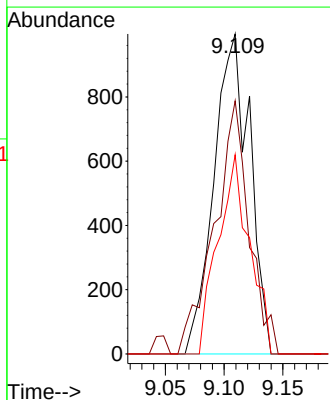
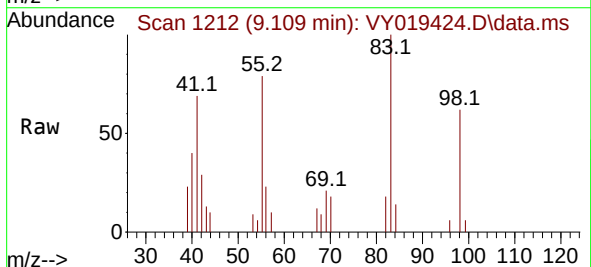
Manual Integrations
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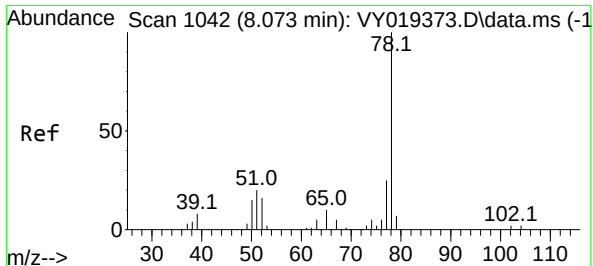
Reviewed By :Romaben Patel 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#39
Methylcyclohexane
Concen: 1.301 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.006 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 83 Resp: 2116
Ion Ratio Lower Upper
83 100
55 79.1 51.5 77.3#
98 62.2 40.5 60.7#





#40

Benzene

Concen: 2.704 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY019424.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

Tgt Ion: 78 Resp: 1043

Ion Ratio Lower Upper

78 100

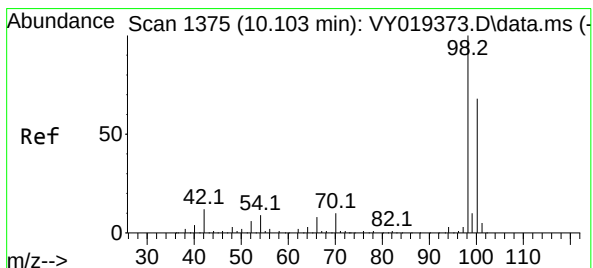
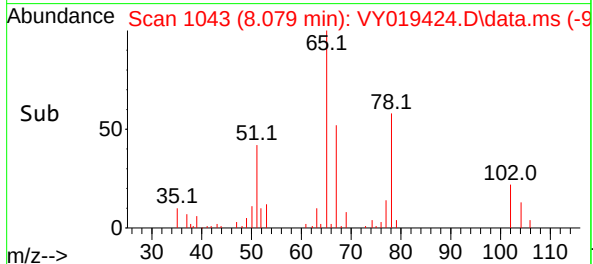
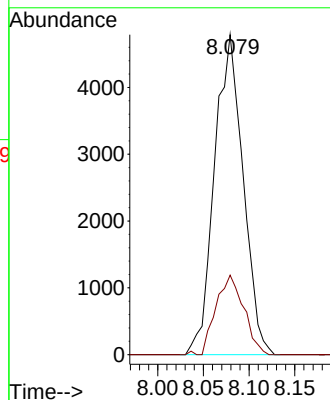
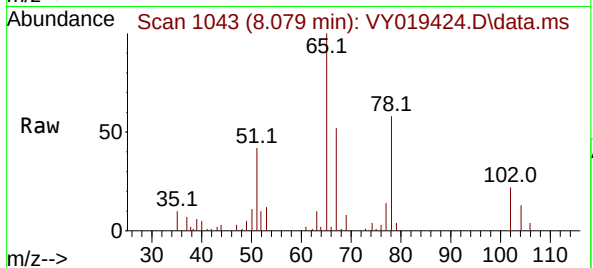
77 24.8 19.5 29.3

Manual Integrations

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Reviewed By :Romaben Patel 09/04/2024

Supervised By :Mahesh Dadoda 09/04/2024



#50

Toluene-d8

Concen: 47.911 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019424.D

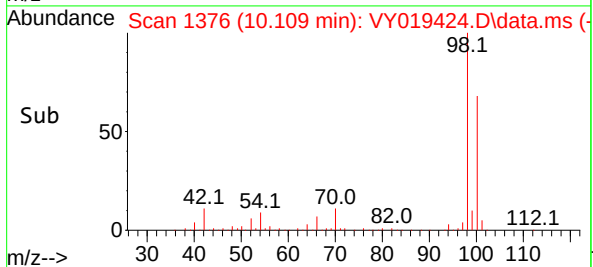
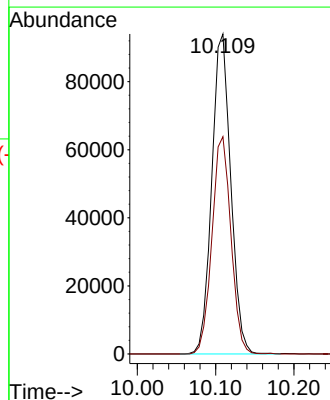
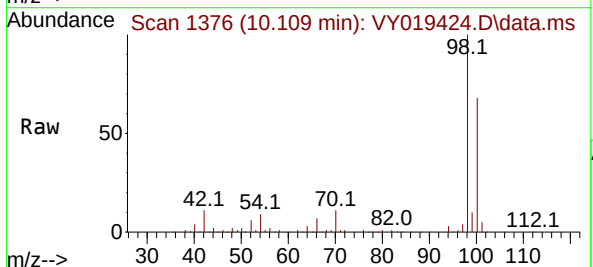
Acq: 03 Sep 2024 13:17

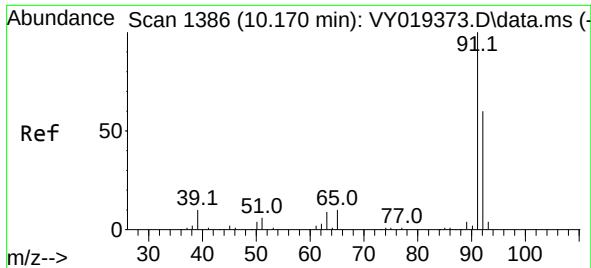
Tgt Ion: 98 Resp: 158242

Ion Ratio Lower Upper

98 100

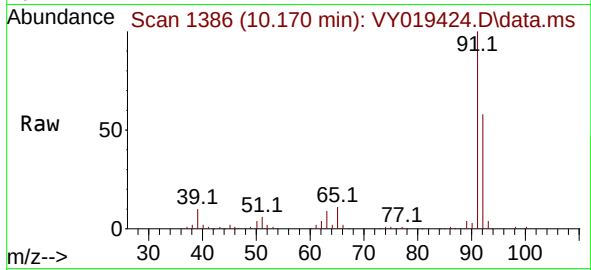
100 67.8 52.0 78.0





#52
Toluene
Concen: 12.132 ug/l
RT: 10.170 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

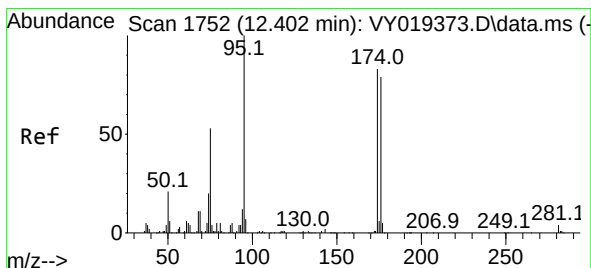
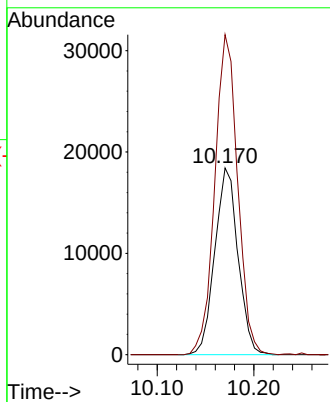
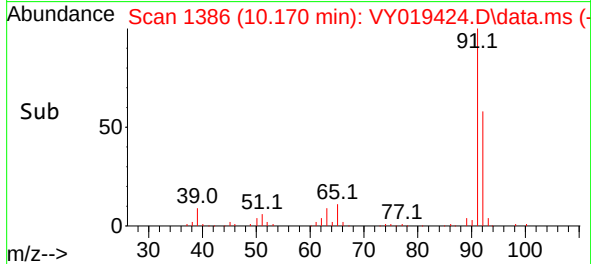
Instrument :
MSVOA_Y
ClientSampleId :
SB-2



Tgt Ion: 92 Resp: 30690
Ion Ratio Lower Upper
92 100
91 168.9 139.0 208.6

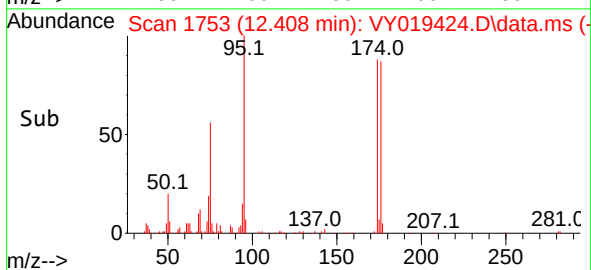
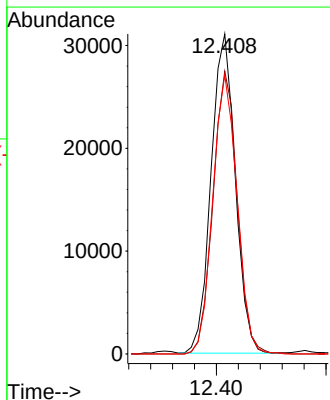
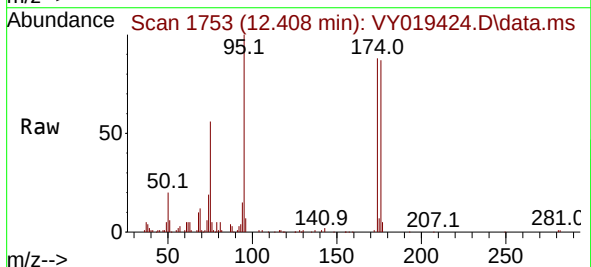
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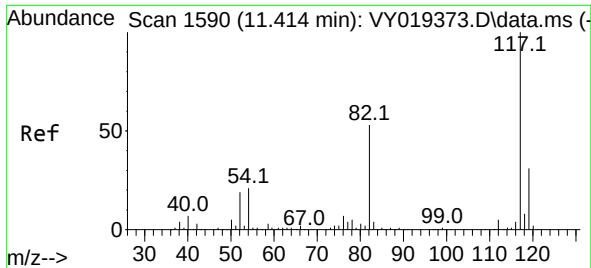
Reviewed By :Romaben Patel 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#62
4-Bromofluorobenzene
Concen: 44.600 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 95 Resp: 47644
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.6
176 87.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019424.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

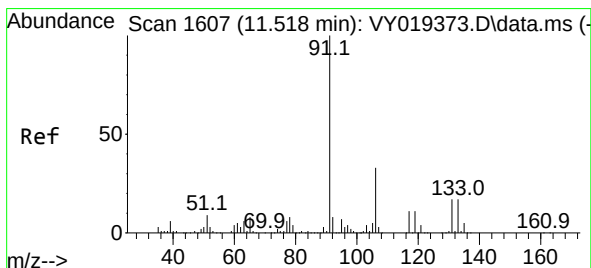
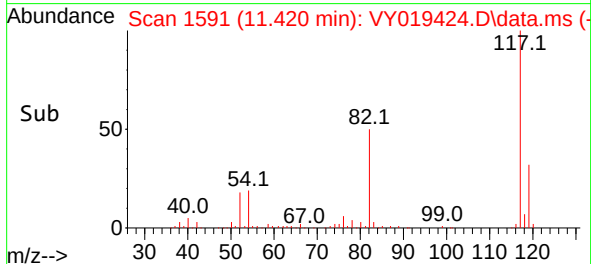
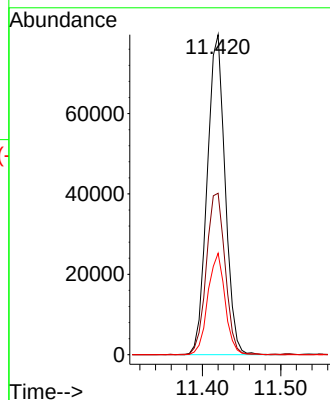
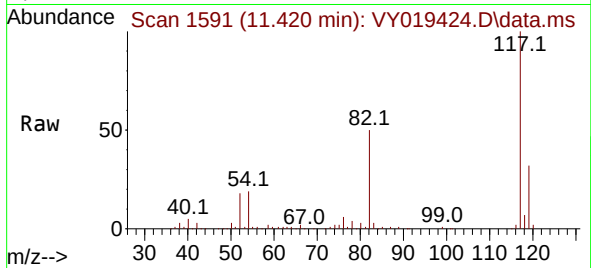
SB-2

Tgt Ion:117	Resp:	126220
Ion Ratio	Lower	Upper
117	100	
82	50.4	42.4 63.6
119	31.7	25.9 38.9

Manual Integrations

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Reviewed By :Romaben Patel 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#67

Ethyl Benzene

Concen: 4.363 ug/l

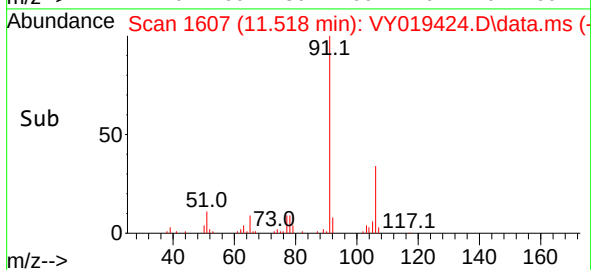
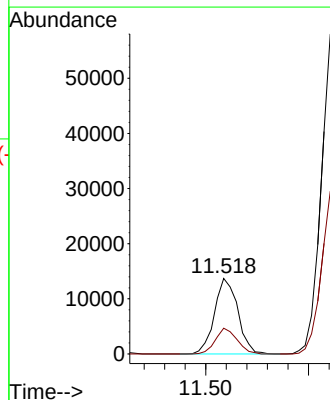
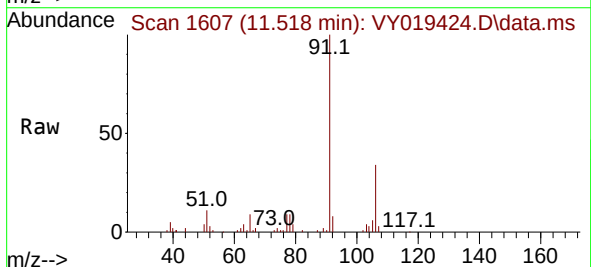
RT: 11.518 min Scan# 1607

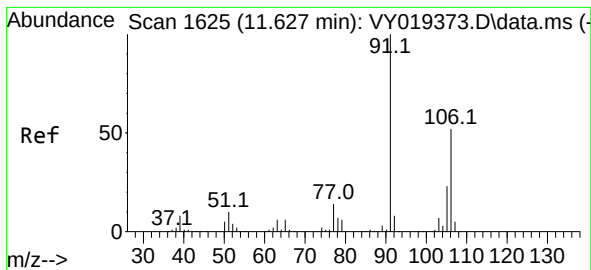
Delta R.T. -0.000 min

Lab File: VY019424.D

Acq: 03 Sep 2024 13:17

Tgt Ion: 91	Resp:	21541
Ion Ratio	Lower	Upper
91	100	
106	34.0	24.5 36.7





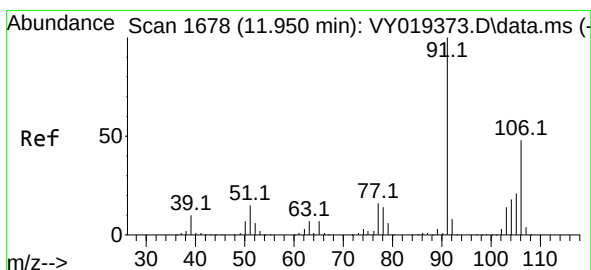
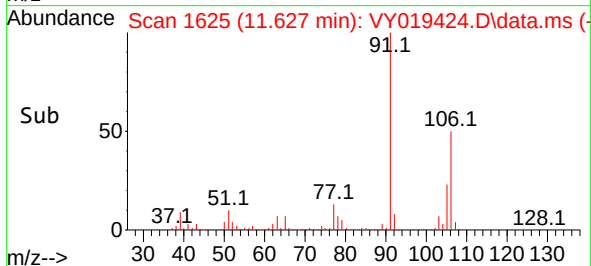
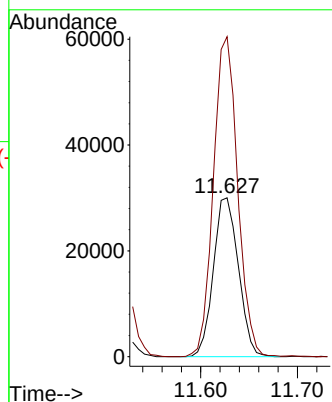
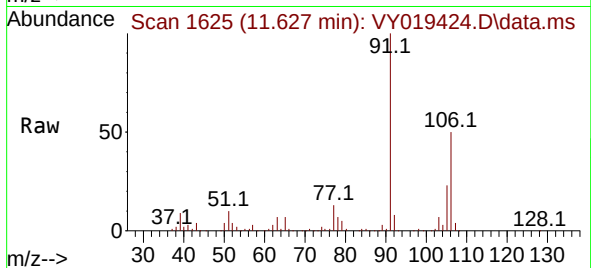
#68
m/p-Xylenes
Concen: 27.575 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tgt Ion:106 Resp: 5386
Ion Ratio Lower Upper
106 100
91 195.4 156.0 234.0

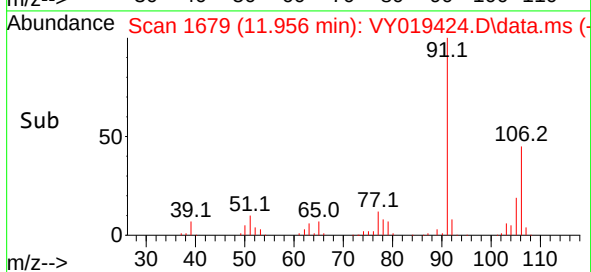
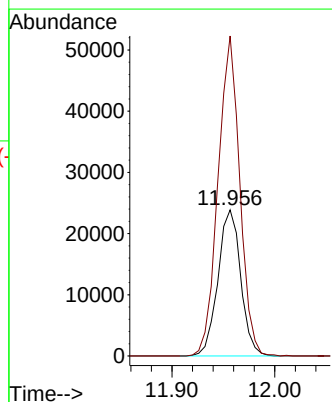
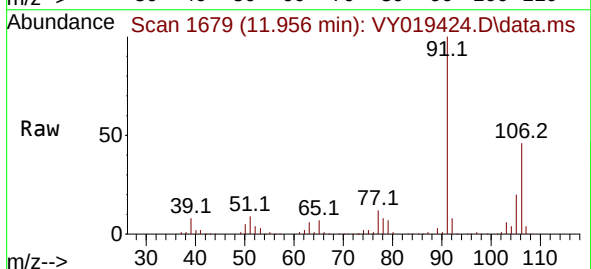
Manual Integrations
APPROVED

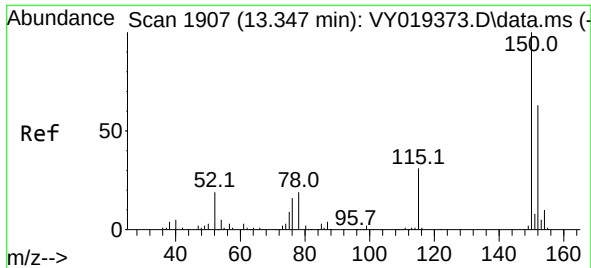
Reviewed By :Romaben Patel 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#69
o-Xylene
Concen: 20.117 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

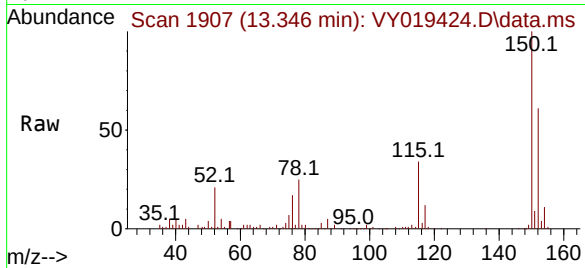
Tgt Ion:106 Resp: 36604
Ion Ratio Lower Upper
106 100
91 209.4 103.6 310.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

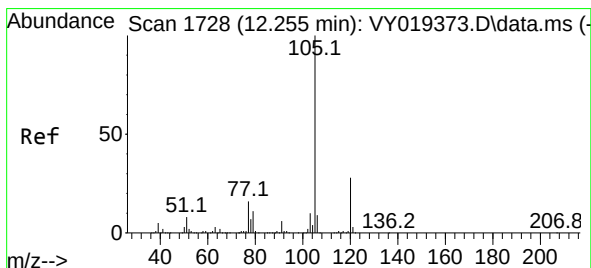
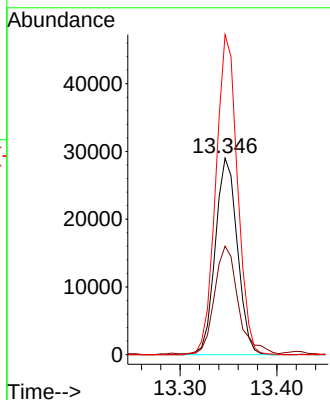
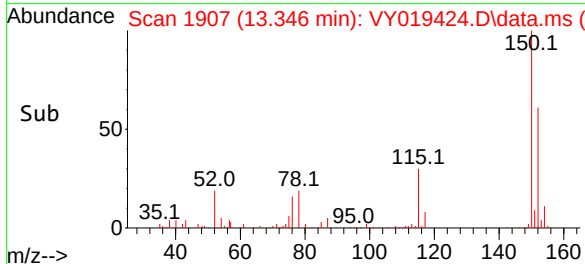
Instrument :
MSVOA_Y
ClientSampleId :
SB-2



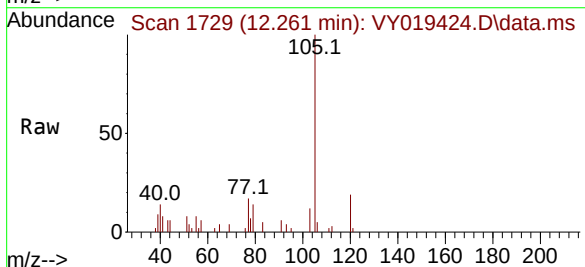
Tgt Ion:152 Resp: 4583
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 159.7 0.0 345.6

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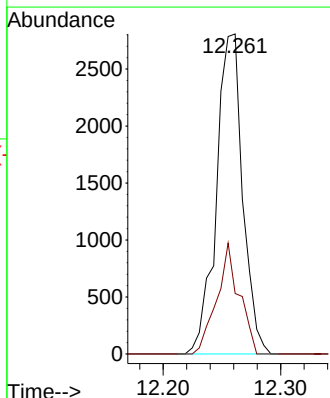
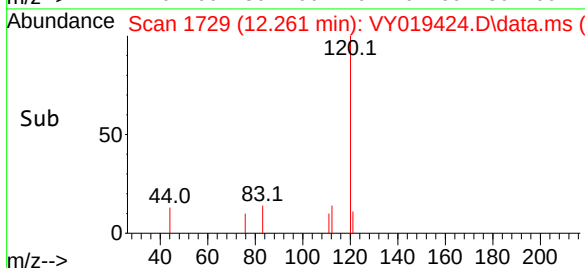
Reviewed By :Romaben Patel 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024

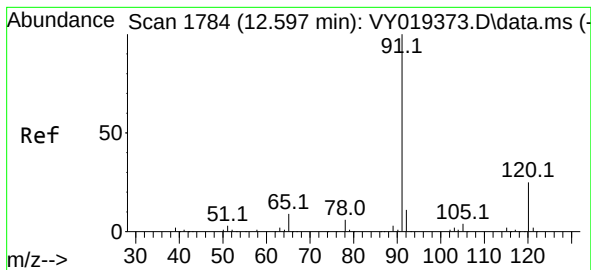


#73
Isopropylbenzene
Concen: 1.197 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.006 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17



Tgt Ion:105 Resp: 4373
Ion Ratio Lower Upper
105 100
120 29.4 13.4 40.1





#78

n-propylbenzene

Concen: 1.912 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY019424.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

Tgt Ion: 91 Resp: 844

Ion Ratio Lower Upper

91 100

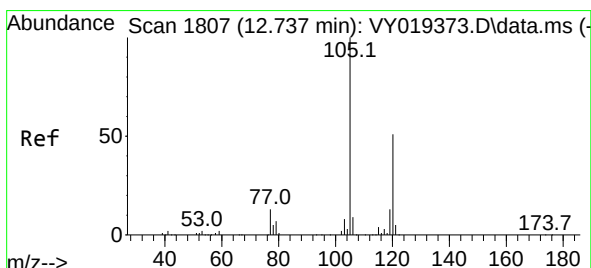
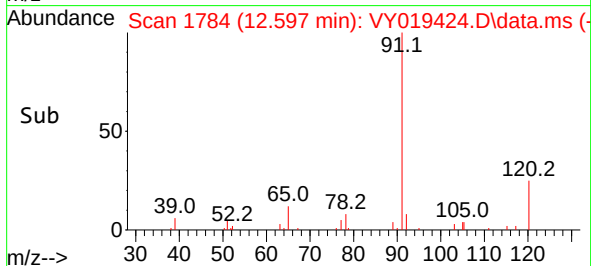
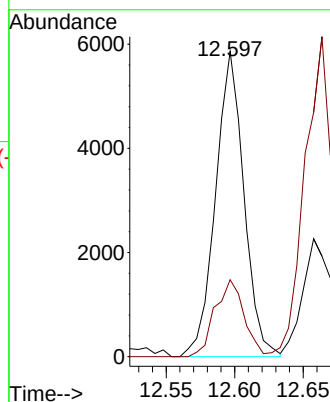
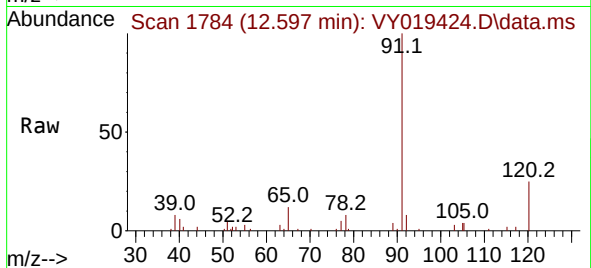
120 25.8 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 09/04/2024

Supervised By :Mahesh Dadoda 09/04/2024



#80

1,3,5-Trimethylbenzene

Concen: 13.836 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY019424.D

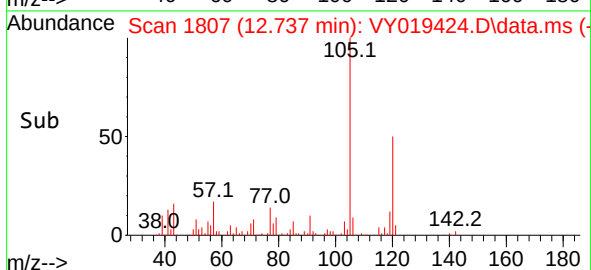
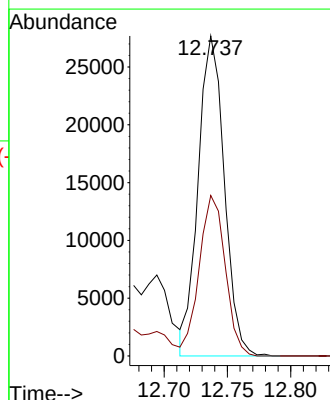
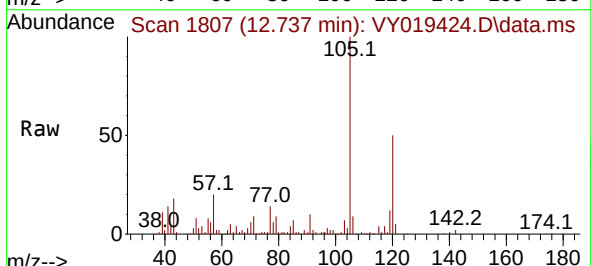
Acq: 03 Sep 2024 13:17

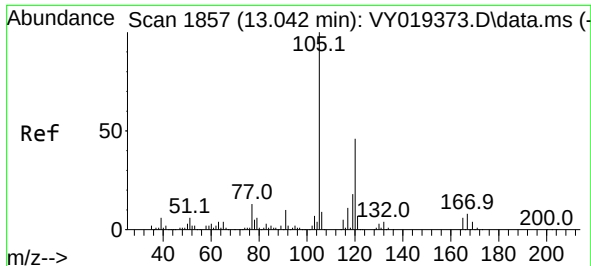
Tgt Ion:105 Resp: 39842

Ion Ratio Lower Upper

105 100

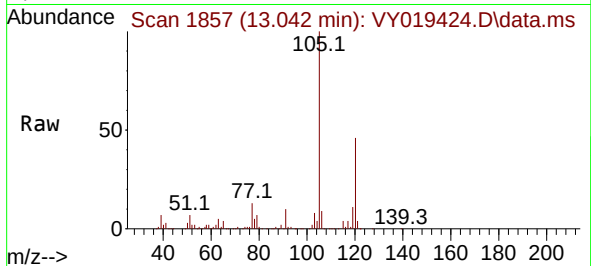
120 49.9 25.1 75.2





#84
1,2,4-Trimethylbenzene
Concen: 30.223 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17

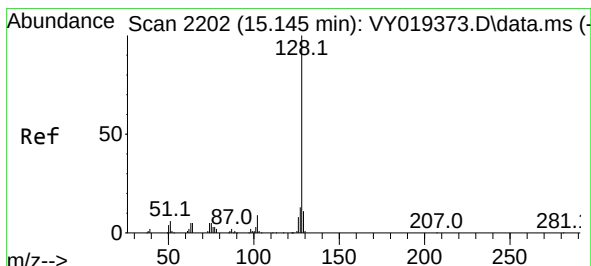
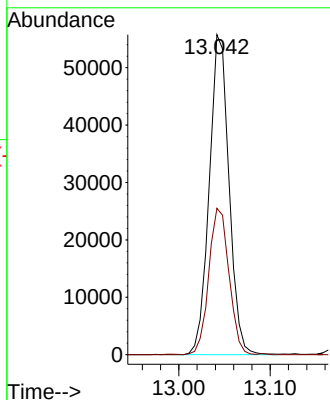
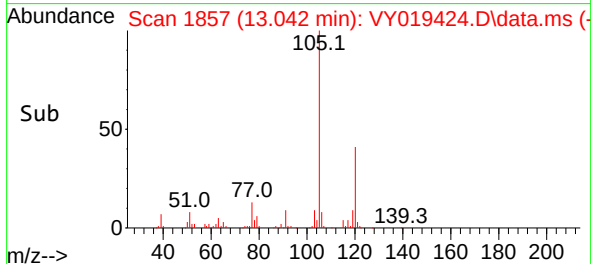
Instrument :
MSVOA_Y
ClientSampleId :
SB-2



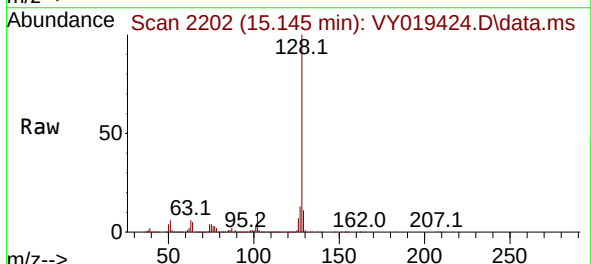
Tgt Ion:105 Resp: 83554
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 09/04/2024
Supervised By :Mahesh Dadoda 09/04/2024



#95
Naphthalene
Concen: 1575.282 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY019424.D
Acq: 03 Sep 2024 13:17



Tgt Ion:128 Resp: 1852947
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.6 13.0

