

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020696.D
 Acq On : 23 Dec 2024 17:04
 Operator : SY/MD
 Sample : P5342-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT26634

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 17:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 15:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	17777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	24543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	15559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	2712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7195	45.700	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.400%		
35) Dibromofluoromethane	7.652	113	7206	50.003	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.000%		
50) Toluene-d8	10.115	98	25759	49.213	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.414	95	5064	26.581	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	53.160%		
Target Compounds						
16) Acetone	3.872	43	1669	92.809	ug/l	92
52) Toluene	10.182	92	3953	11.487	ug/l	99
67) Ethyl Benzene	11.530	91	3384	6.487	ug/l	92
68) m/p-Xylenes	11.639	106	3955	19.883	ug/l	95
69) o-Xylene	11.963	106	2215	11.854	ug/l	87
73) Isopropylbenzene	12.267	105	2619	14.197	ug/l #	72
78) n-propylbenzene	12.603	91	1690	8.126	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	3340	21.830	ug/l	92
84) 1,2,4-Trimethylbenzene	13.048	105	8371	56.007	ug/l	98
85) sec-Butylbenzene	13.182	105	4590	23.945	ug/l	93
86) p-Isopropyltoluene	13.304	119	1831m	10.926	ug/l	

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

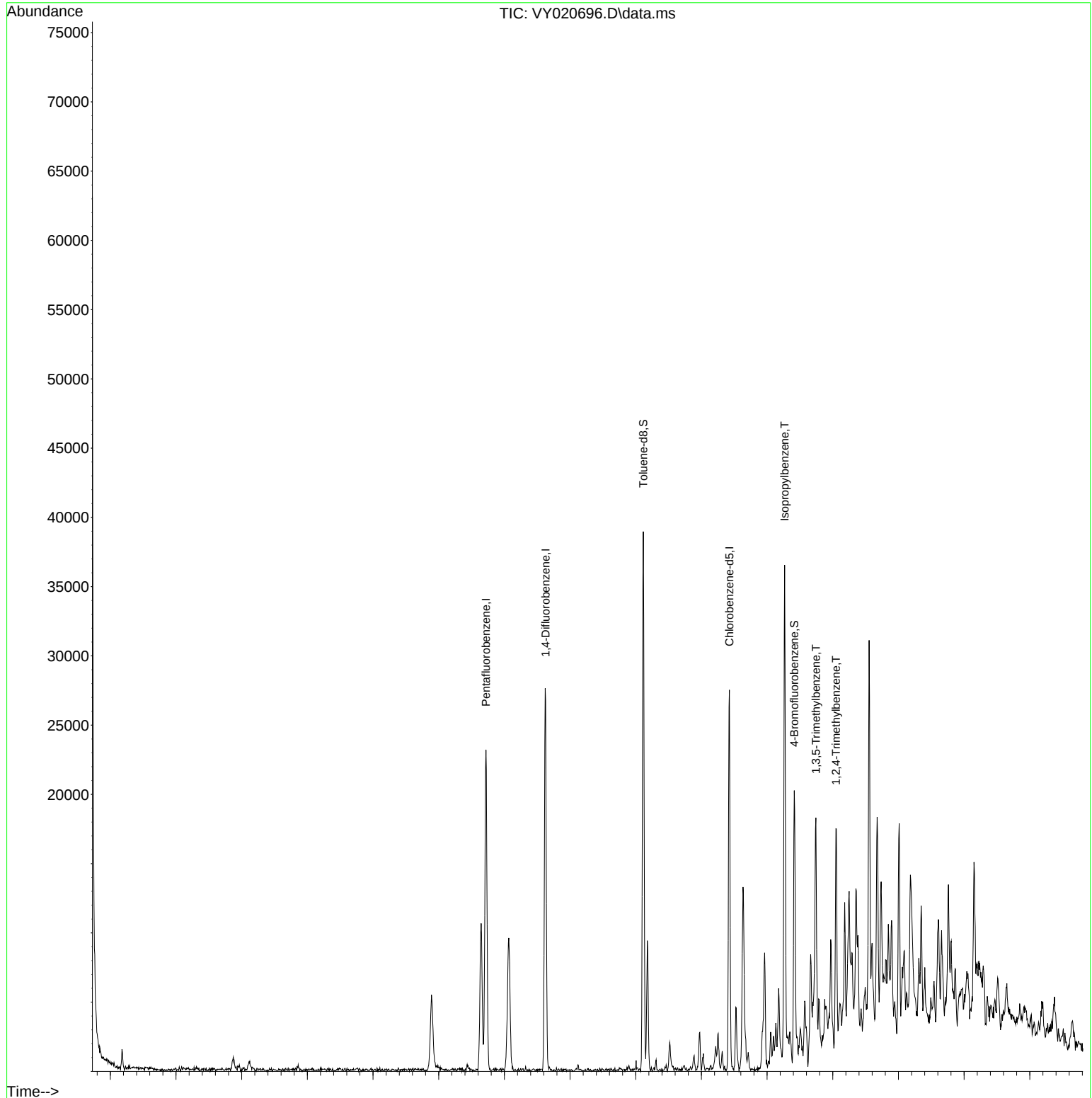
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
Data File : VY020696.D
Acq On : 23 Dec 2024 17:04
Operator : SY/MD
Sample : P5342-01
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ALS Vial : 17 Sample Multiplier: 1

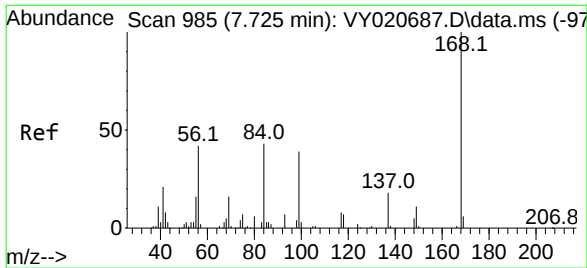
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26634

Quant Time: Dec 23 17:15:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 15:11:18 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

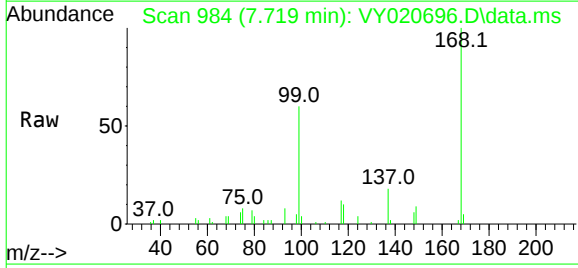
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

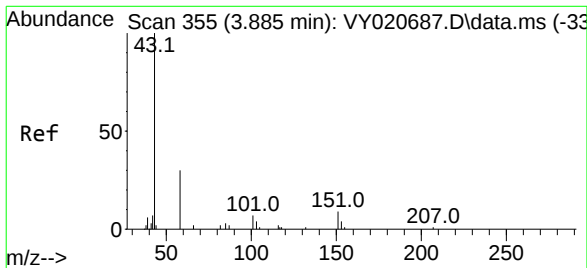
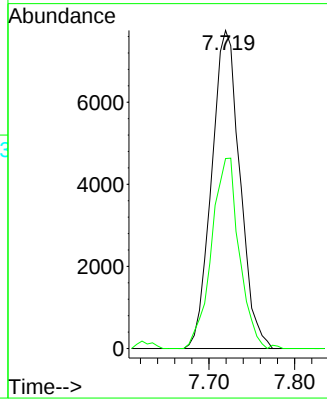
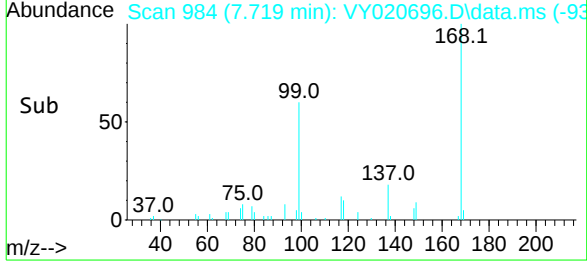
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26634



Tgt Ion: 168 Resp: 17777
Ion Ratio Lower Upper
168 100
99 59.7 47.0 70.6

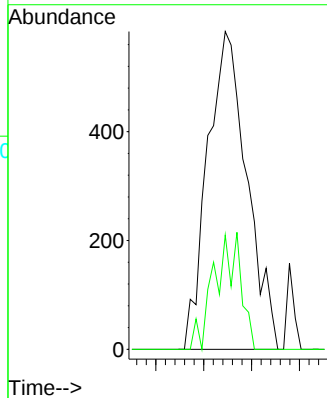
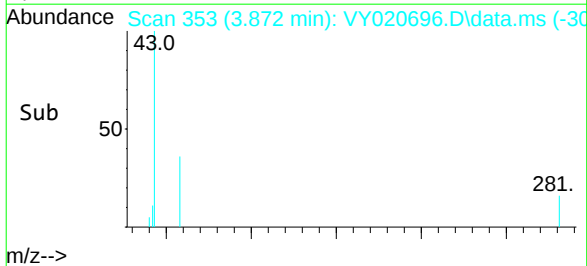
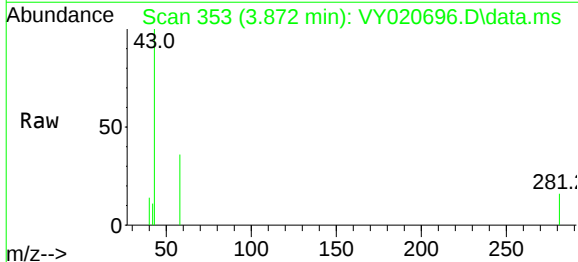
Manual Integrations
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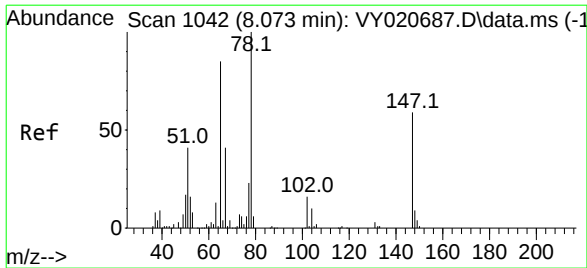
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 92.809 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.013 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 36.0 25.0 37.6





#33
1,2-Dichloroethane-d4
Concen: 45.700 ug/l
RT: 8.067 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

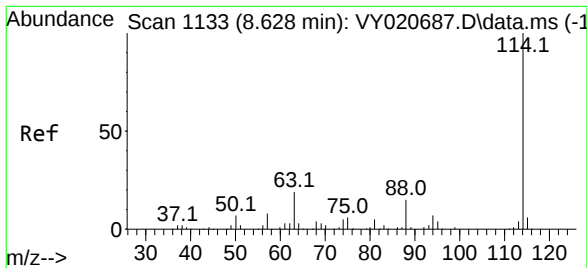
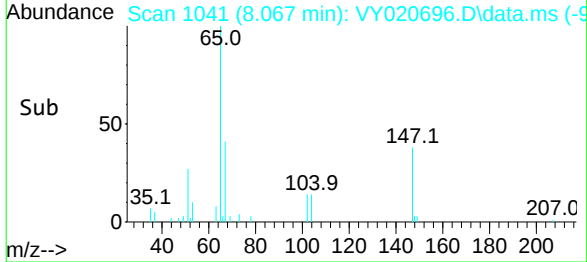
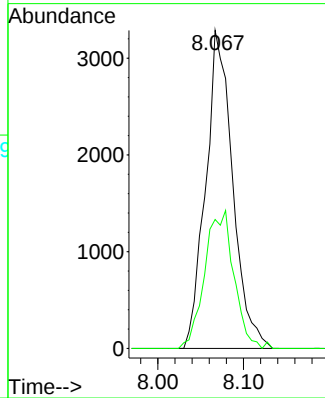
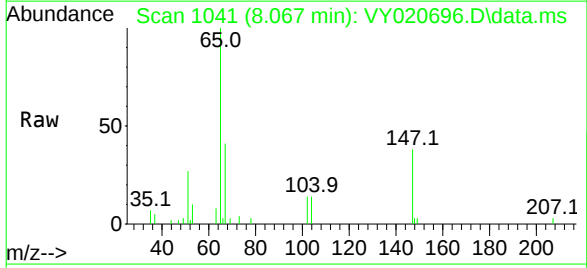
CHRT26634

Tgt Ion: 65 Resp: 7195
Ion Ratio Lower Upper
65 100
67 46.9 0.0 108.0

Manual Integrations

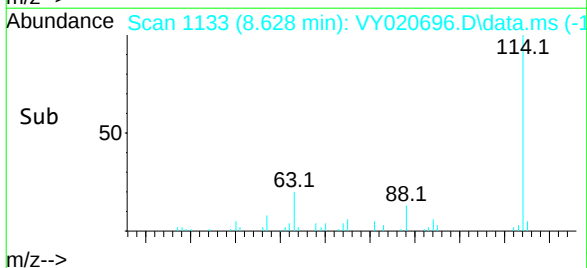
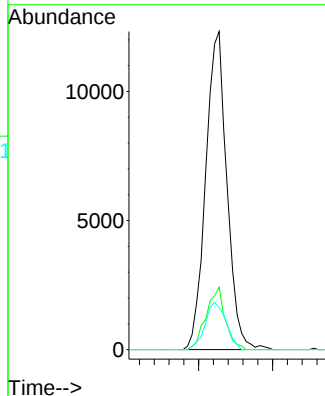
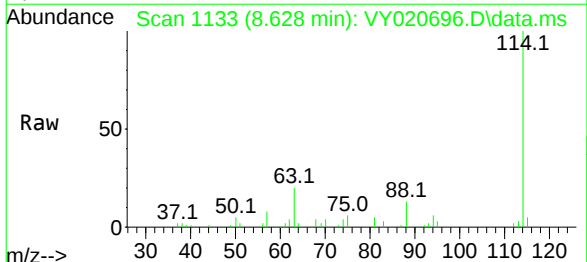
APPROVED

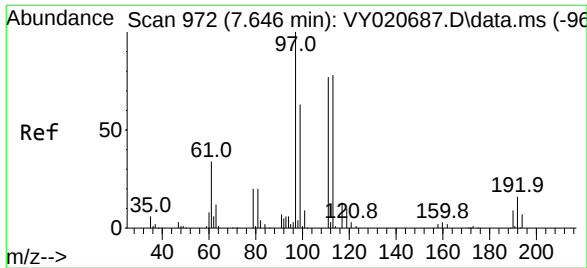
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

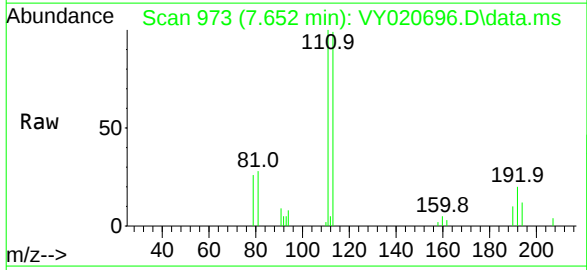
Tgt Ion:114 Resp: 24543
Ion Ratio Lower Upper
114 100
63 19.6 0.0 44.0
88 13.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.003 ug/l
RT: 7.652 min Scan# 97
Delta R.T. 0.006 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

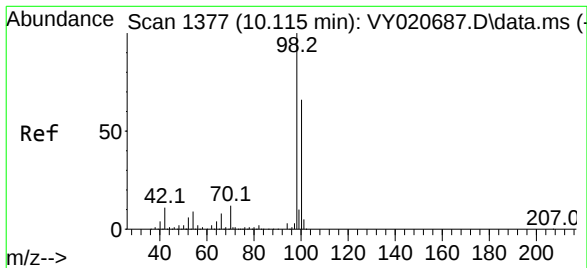
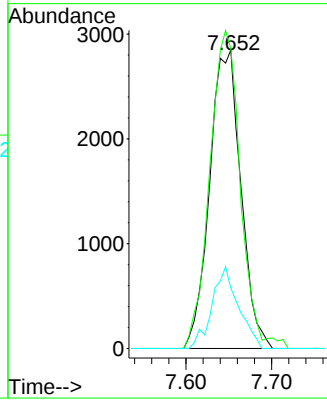
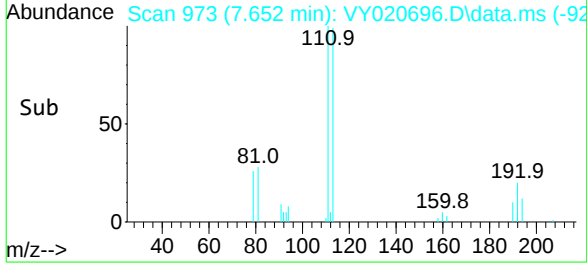
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26634



Tgt Ion: 113 Resp: 7206
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 23.2 15.7 23.5

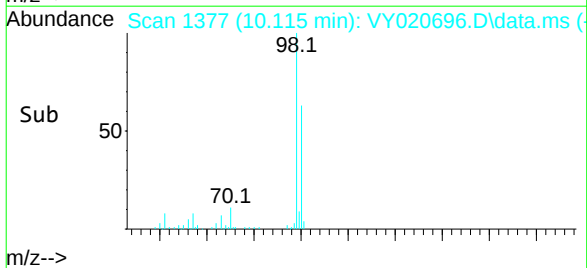
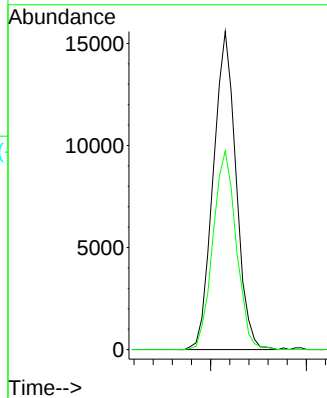
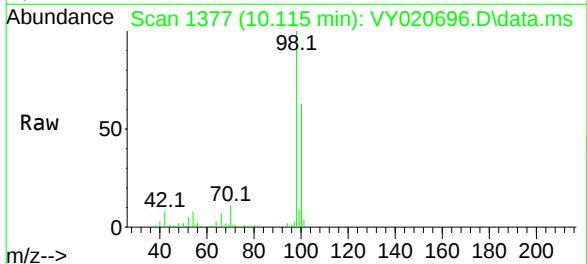
Manual Integrations
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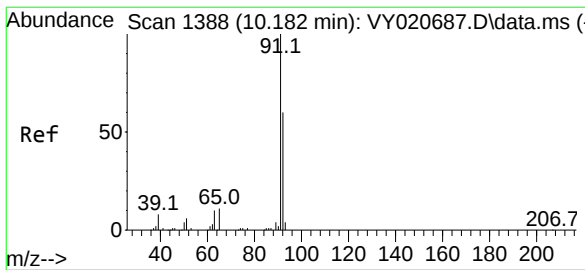
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#50
Toluene-d8
Concen: 49.213 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

Tgt Ion: 98 Resp: 25759
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1





#52

Toluene

Concen: 11.487 ug/l

RT: 10.182 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VY020696.D

Acq: 23 Dec 2024 17:04

Instrument :

MSVOA_Y

ClientSampleId :

CHRT26634

Tgt Ion: 92 Resp: 3953

Ion Ratio Lower Upper

92 100

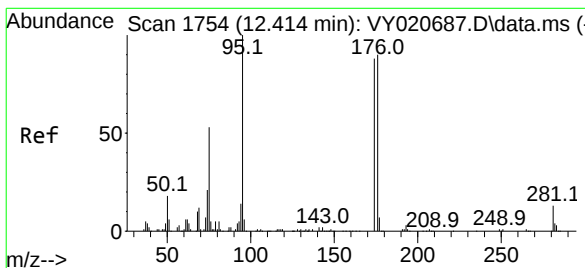
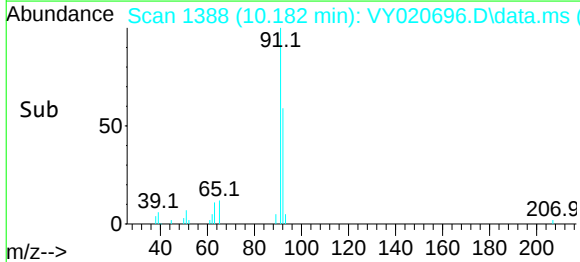
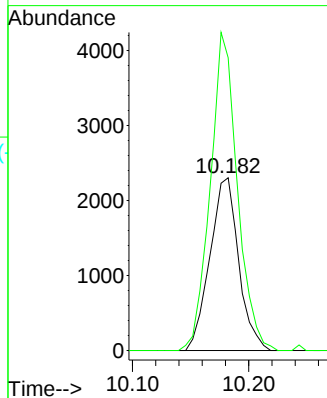
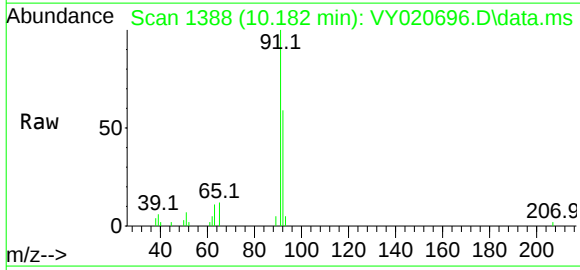
91 173.7 137.4 206.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#62

4-Bromofluorobenzene

Concen: 26.581 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020696.D

Acq: 23 Dec 2024 17:04

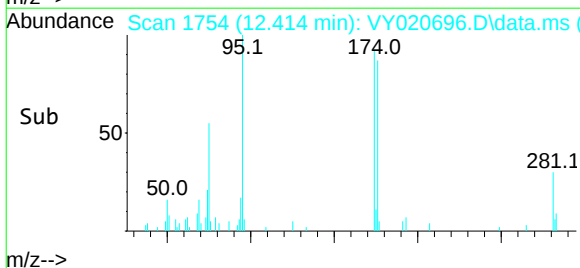
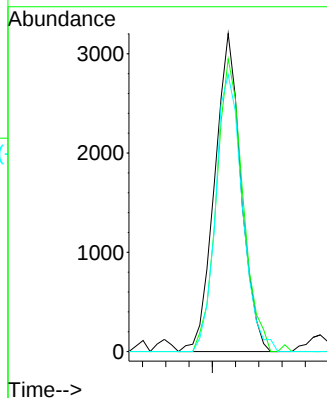
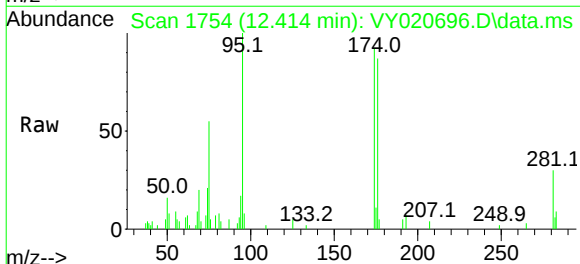
Tgt Ion: 95 Resp: 5064

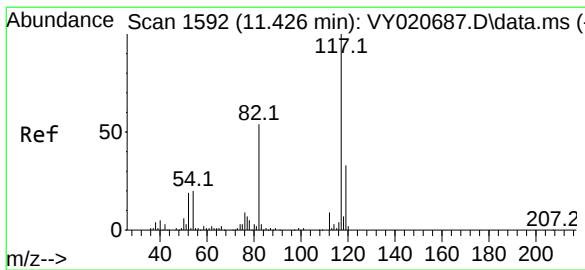
Ion Ratio Lower Upper

95 100

174 91.9 0.0 161.8

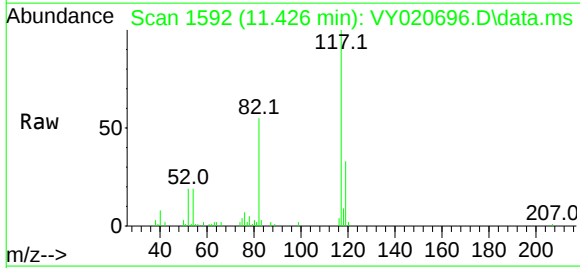
176 88.4 0.0 156.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.000 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

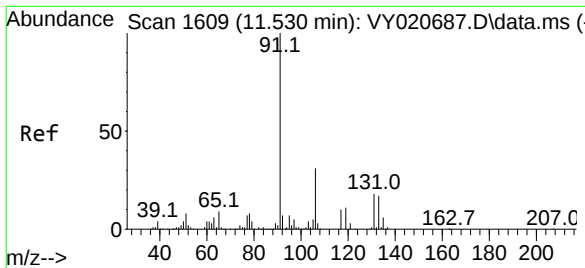
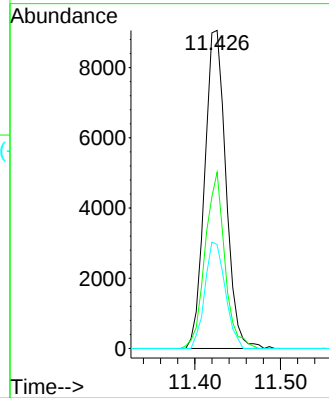
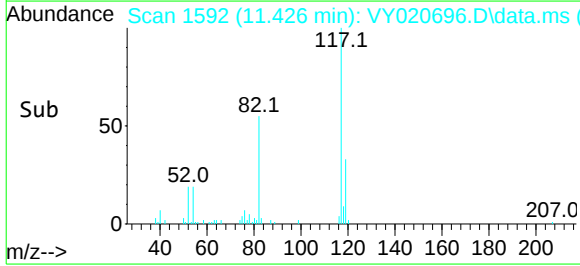
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26634



Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.8	68.6
119	32.7	25.3	37.9

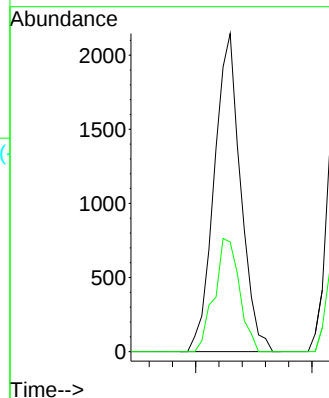
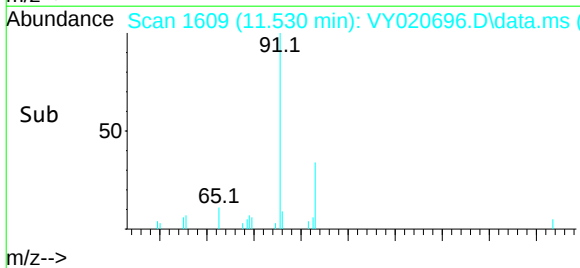
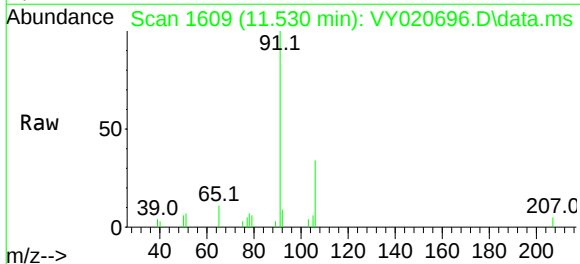
Manual Integrations
APPROVED

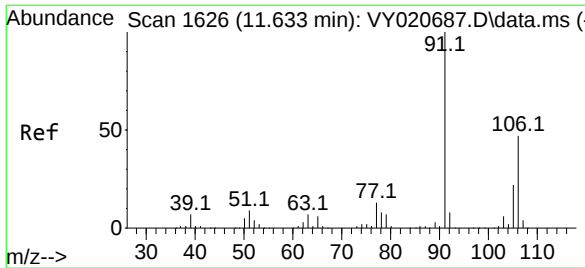
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#67
Ethyl Benzene
Concen: 6.487 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.000 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	34.4	23.9	35.9





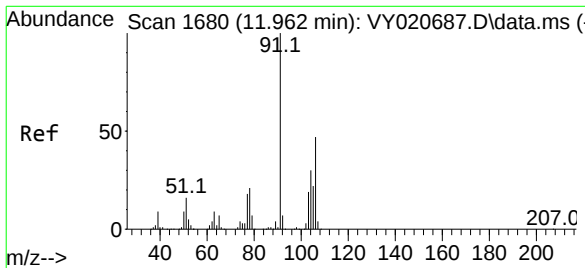
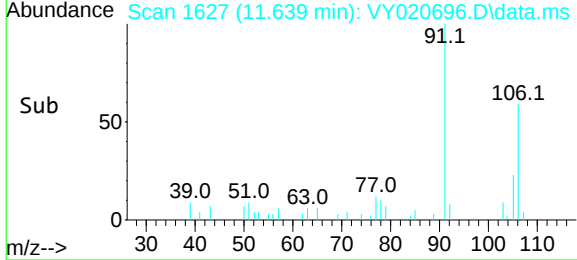
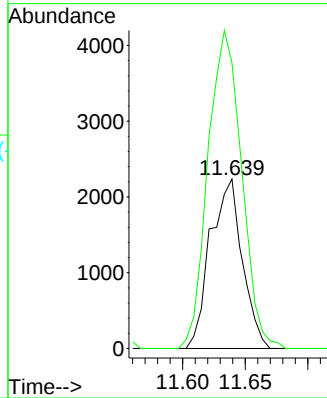
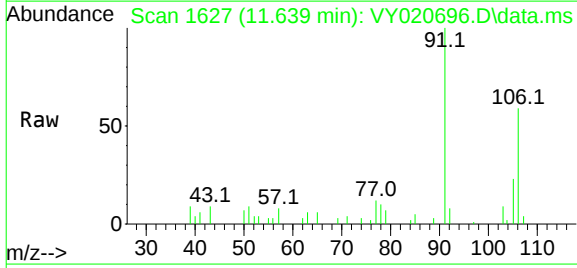
#68
m/p-Xylenes
Concen: 19.883 ug/l
RT: 11.639 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

Instrument :
MSVOA_Y
ClientSampleId :
CHRT26634

Tgt Ion:106 Resp: 3955
Ion Ratio Lower Upper
106 100
91 198.7 165.0 247.4

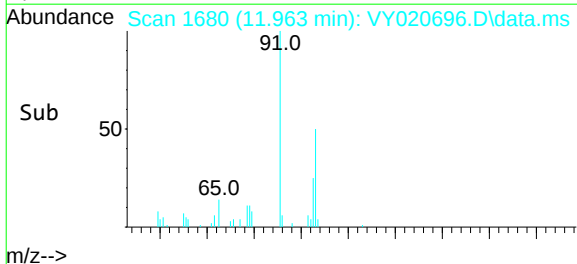
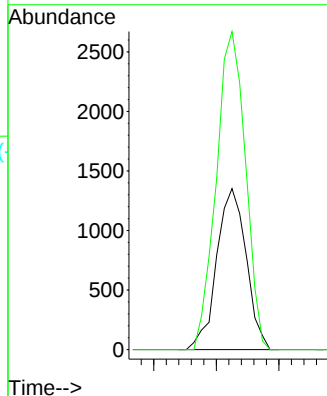
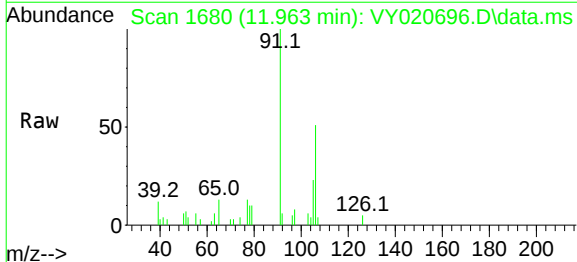
Manual Integrations
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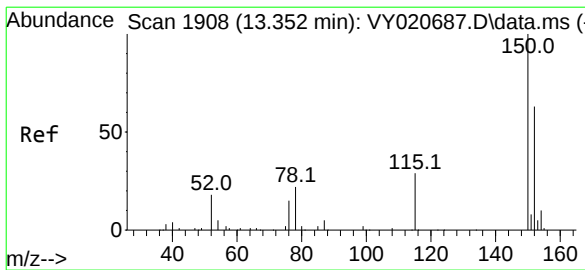
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#69
o-Xylene
Concen: 11.854 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

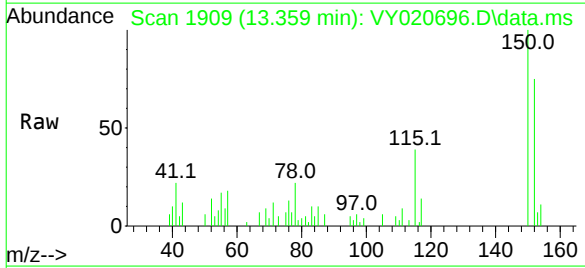
Tgt Ion:106 Resp: 2215
Ion Ratio Lower Upper
106 100
91 195.5 108.4 325.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

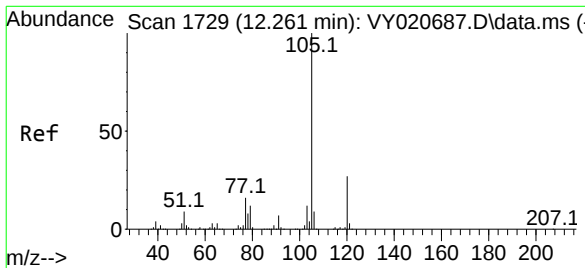
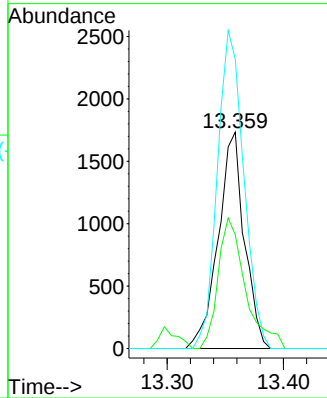
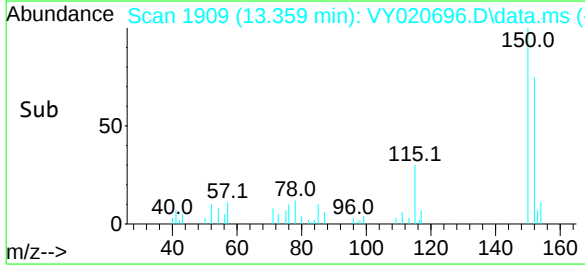
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26634



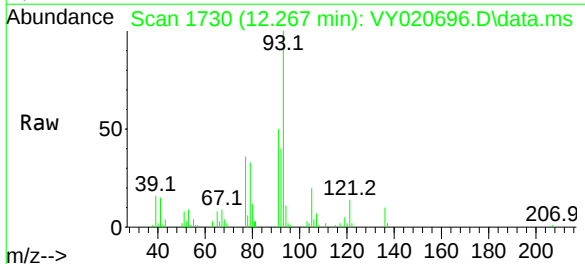
Tgt Ion:152 Resp: 2712
Ion Ratio Lower Upper
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115 63.1 30.2 90.6
150 148.3 0.0 355.4

Manual Integrations
APPROVED

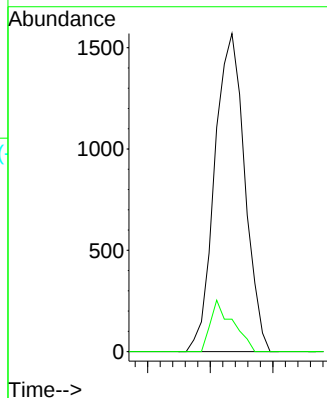
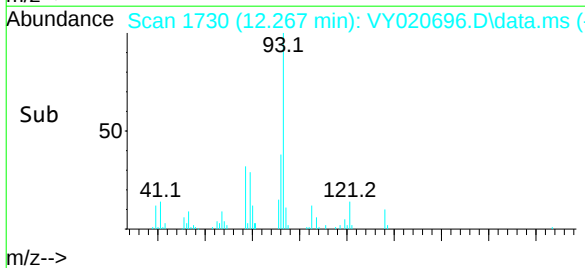
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

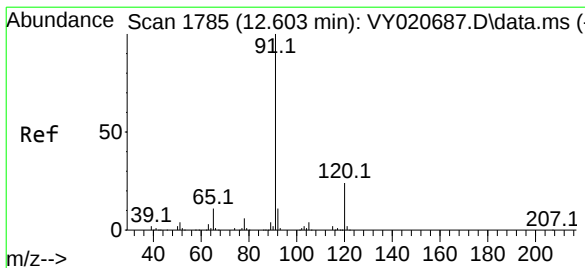


#73
Isopropylbenzene
Concen: 14.197 ug/l
RT: 12.267 min Scan# 1730
Delta R.T. 0.006 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04



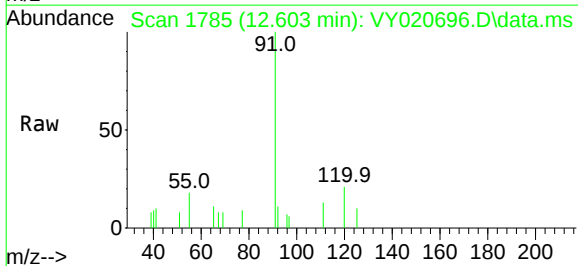
Tgt Ion:105 Resp: 2619
Ion Ratio Lower Upper
105 100
120 12.0 13.1 39.1#





#78
n-propylbenzene
Concen: 8.126 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

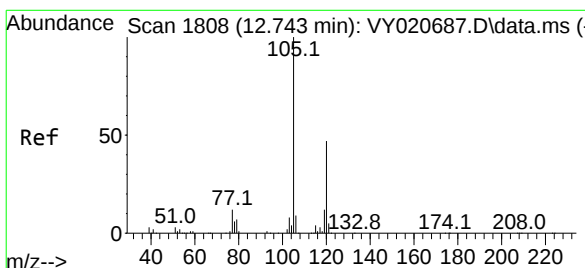
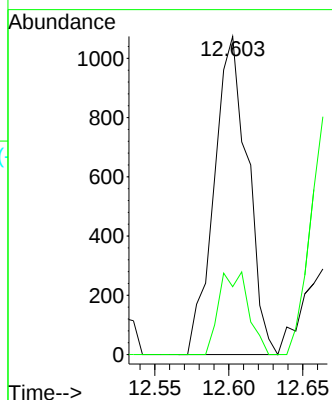
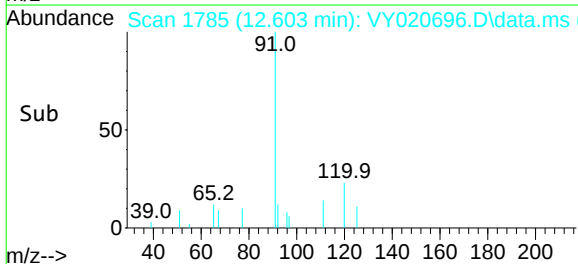
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26634



Tgt Ion: 91 Resp: 1696
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.1

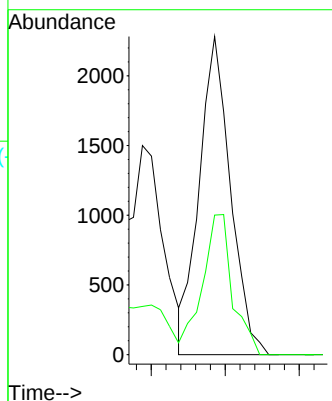
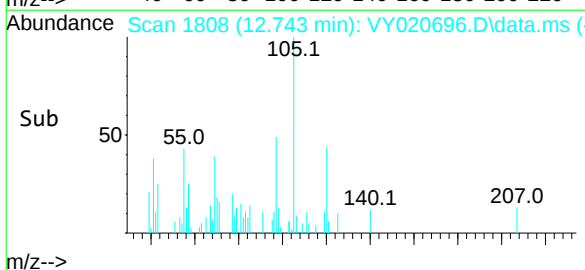
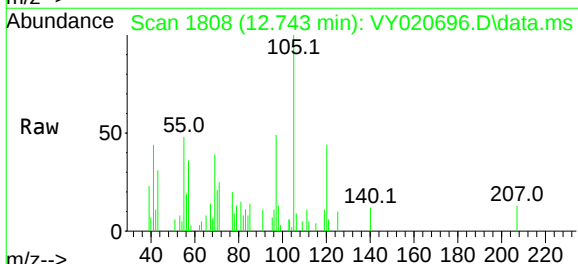
Manual Integrations
APPROVED

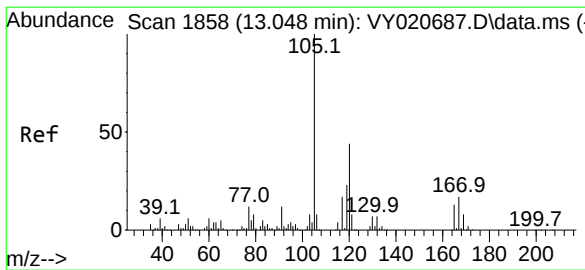
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.830 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

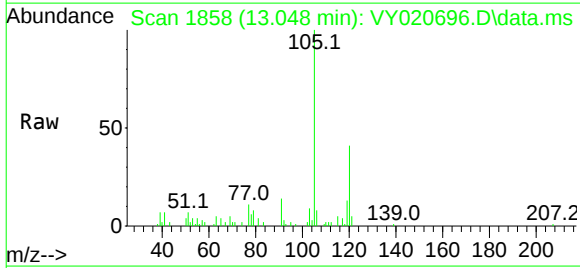
Tgt Ion:105 Resp: 3340
Ion Ratio Lower Upper
105 100
120 42.5 23.9 71.7





#84
1,2,4-Trimethylbenzene
Concen: 56.007 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

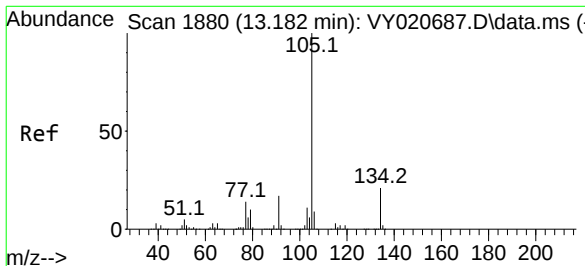
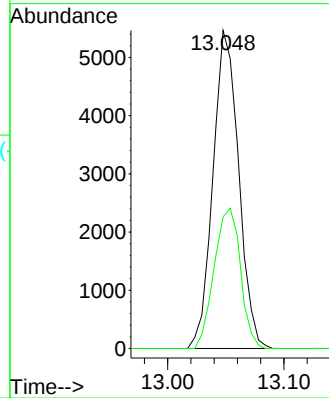
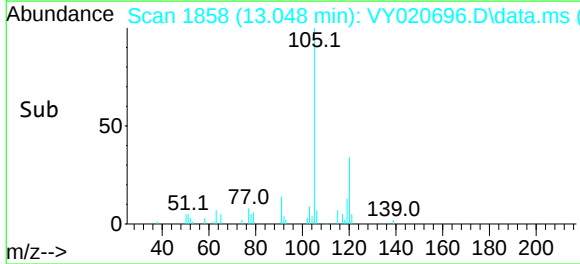
Instrument :
MSVOA_Y
ClientSampleId :
CHRT26634



Tgt Ion:105 Resp: 8371
Ion Ratio Lower Upper
105 100
120 45.1 21.8 65.4

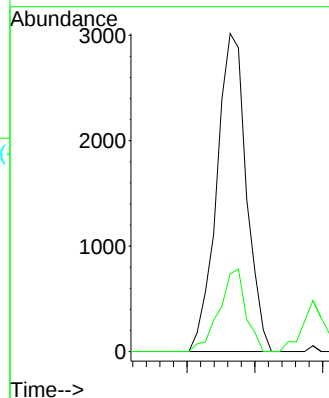
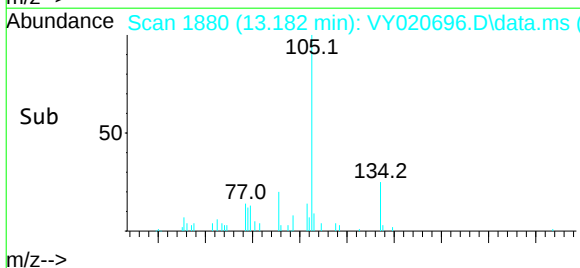
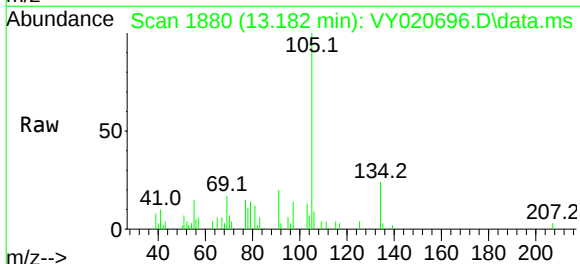
Manual Integrations
APPROVED

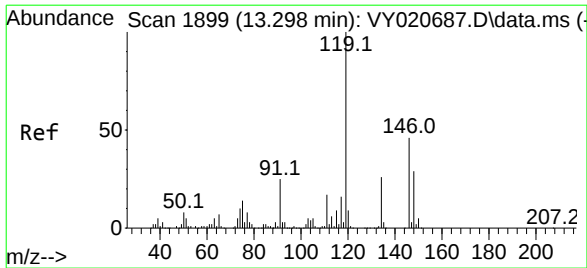
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#85
sec-Butylbenzene
Concen: 23.945 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

Tgt Ion:105 Resp: 4590
Ion Ratio Lower Upper
105 100
134 23.1 10.0 30.0





#86
p-Isopropyltoluene
Concen: 10.926 ug/l m
RT: 13.304 min Scan# 19
Delta R.T. 0.006 min
Lab File: VY020696.D
Acq: 23 Dec 2024 17:04

Instrument :
MSVOA_Y
ClientSampleId :
CHRT26634

Tgt Ion:	119	Resp:	1831
Ion Ratio	Lower	Upper	
119	100		
134	30.4	12.9	38.6
91	29.0	12.1	36.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

