

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019786.D
 Acq On : 03 Oct 2024 14:31
 Operator : SY/MD
 Sample : P4275-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRE-1300

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/04/2024
 Supervised By :Semsettin Yesilyurt 10/04/2024

Quant Time: Oct 04 01:27:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	253637	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	456613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	351851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	102105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139892	59.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.120%			
35) Dibromofluoromethane	7.640	113	133588	51.600	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.200%			
50) Toluene-d8	10.103	98	584277	61.016	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 122.040%			
62) 4-Bromofluorobenzene	12.401	95	152888	41.523	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 83.040%			
Target Compounds						
						Qvalue
16) Acetone	3.872	43	63455891m	113410.307	ug/l	
25) 2-Butanone	6.915	43	66731	83.855	ug/l #	79
31) Cyclohexane	7.683	56	800336	190.408	ug/l #	51
39) Methylcyclohexane	9.109	83	1628663	347.407	ug/l #	87
40) Benzene	8.079	78	25030	2.307	ug/l	99
52) Toluene	10.164	92	19095151	2736.364	ug/l #	1
67) Ethyl Benzene	11.517	91	6318615	513.805	ug/l	97
68) m/p-Xylenes	11.621	106	11667179	2509.053	ug/l	77
69) o-Xylene	11.950	106	5189738	1141.204	ug/l	99
73) Isopropylbenzene	12.249	105	634725	85.688	ug/l	98
78) n-propylbenzene	12.590	91	2179237	248.211	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	2451176	407.043	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	8094748	1357.979	ug/l	100
85) sec-Butylbenzene	13.170	105	319100	40.292	ug/l	80
86) p-Isopropyltoluene	13.285	119	179420	27.690	ug/l	95
89) n-Butylbenzene	13.608	91	394177	63.634	ug/l #	80
95) Naphthalene	15.139	128	167571	48.296	ug/l	95

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

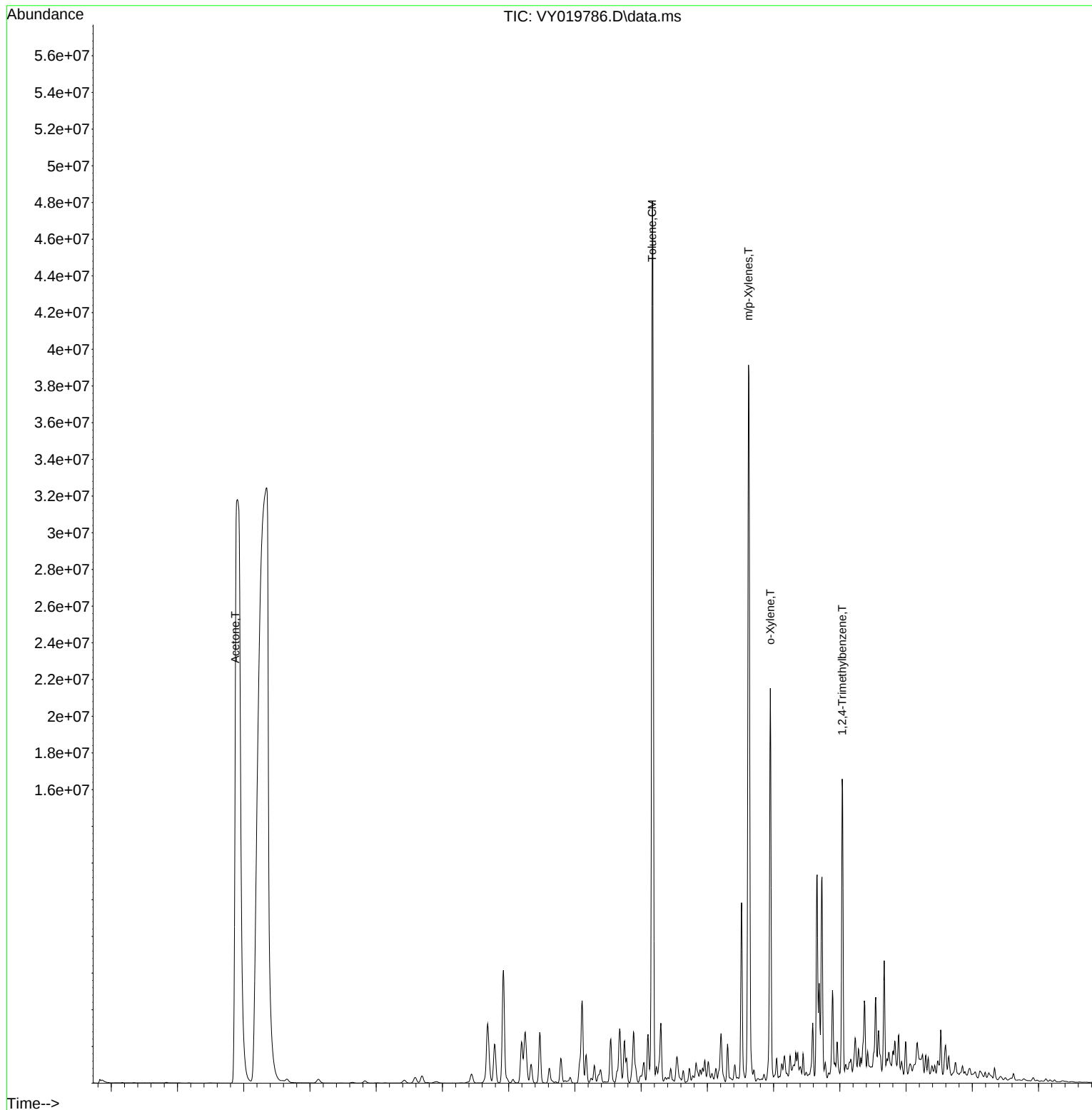
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
Data File : VY019786.D
Acq On : 03 Oct 2024 14:31
Operator : SY/MD
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ALS Vial : 12 Sample Multiplier: 1

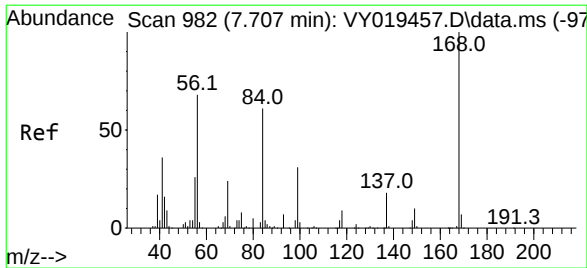
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300

Quant Time: Oct 04 01:27:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

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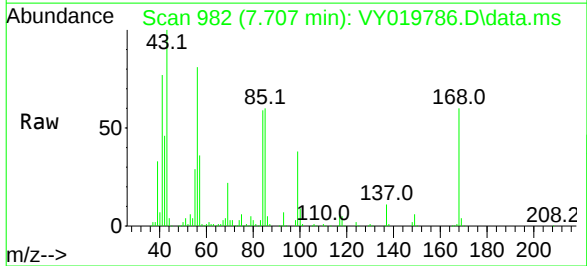
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

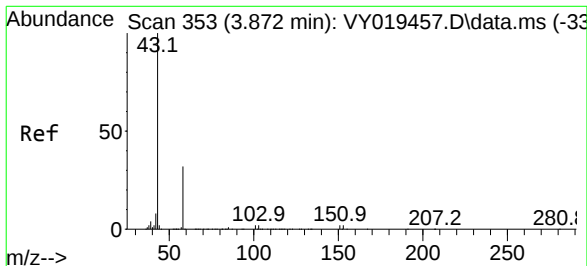
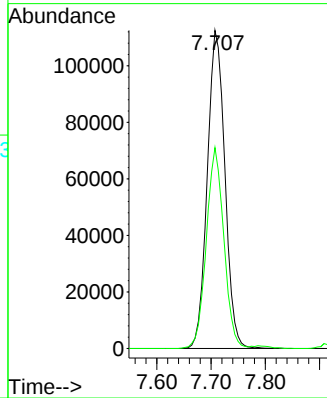
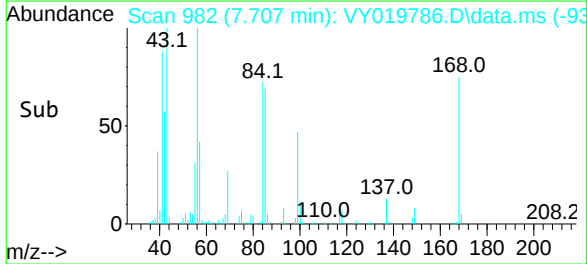
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300



Tgt Ion:168 Resp: 253637
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#

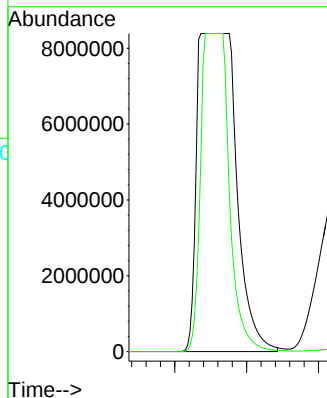
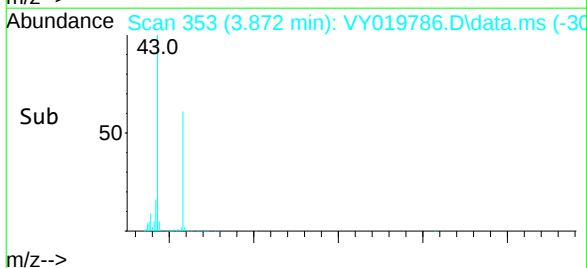
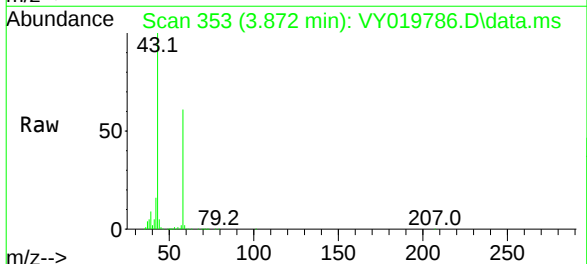
Manual Integrations
APPROVED

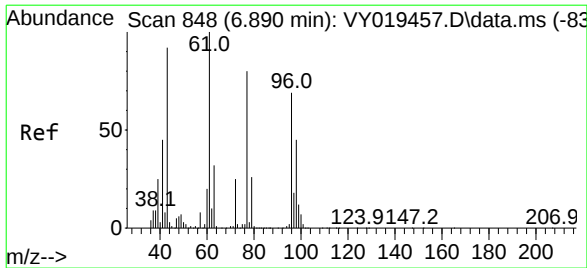
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024



#16
Acetone
Concen: 113410.307 ug/l m
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

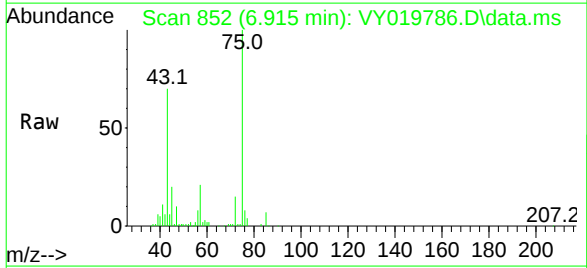
Tgt Ion: 43 Resp:63455891
Ion Ratio Lower Upper
43 100
58 60.6 31.7 47.5#





#25
2-Butanone
Concen: 83.855 ug/l
RT: 6.915 min Scan# 851
Delta R.T. 0.025 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

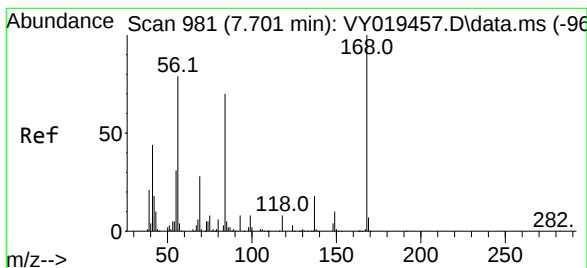
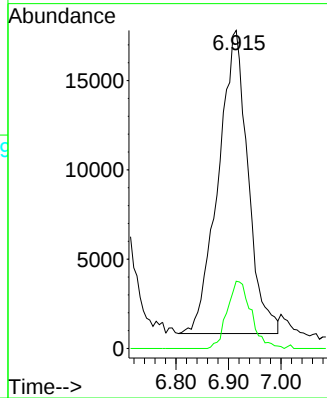
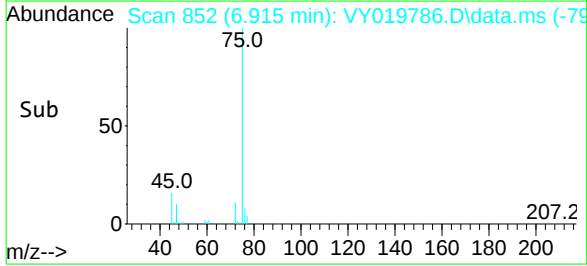
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300



Tgt Ion: 43 Resp: 66731
Ion Ratio Lower Upper
43 100
72 22.2 27.3 40.9#

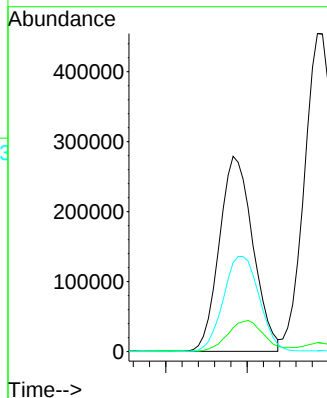
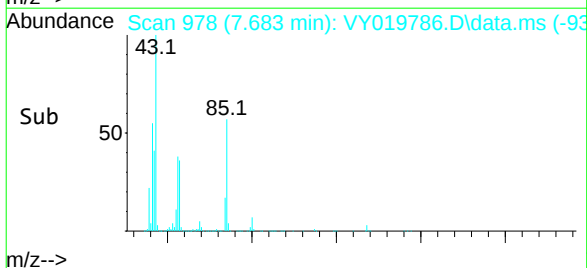
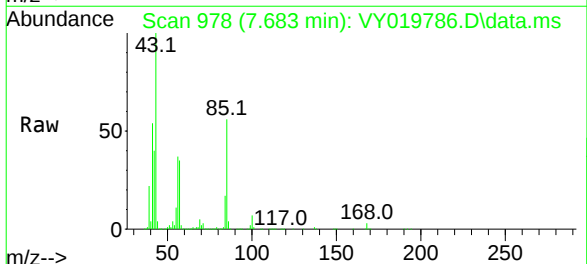
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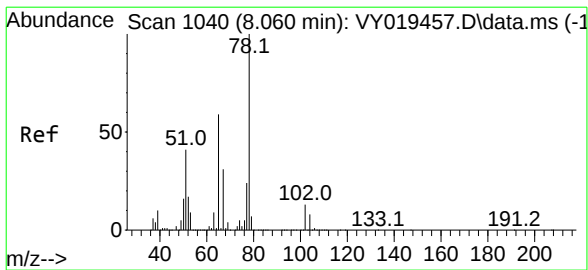
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024



#31
Cyclohexane
Concen: 190.408 ug/l
RT: 7.683 min Scan# 978
Delta R.T. -0.018 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

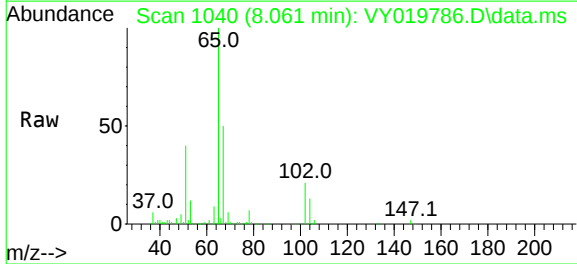
Tgt Ion: 56 Resp: 800336
Ion Ratio Lower Upper
56 100
69 11.8 28.7 43.1#
84 45.6 77.7 116.5#





#33
1,2-Dichloroethane-d4
Concen: 59.563 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

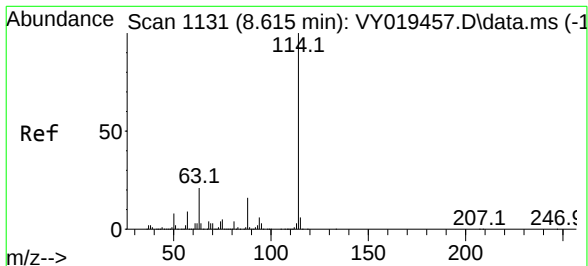
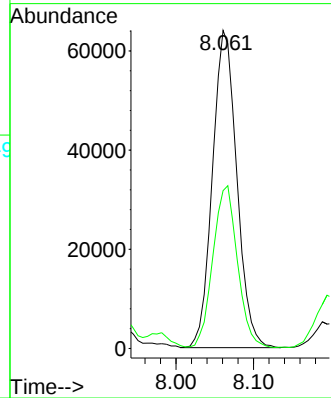
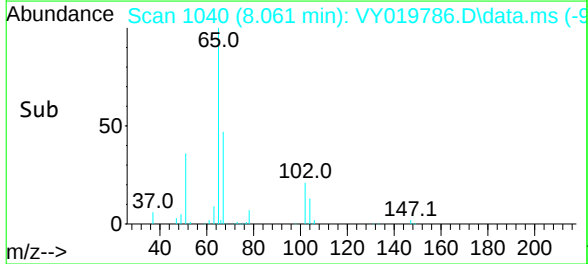
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300



Tgt Ion: 65 Resp: 139892
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.6

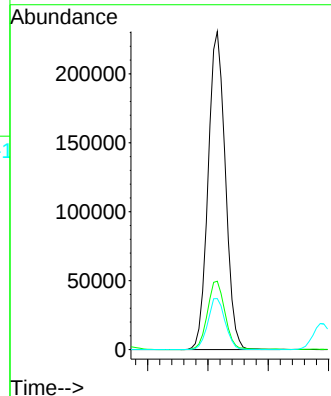
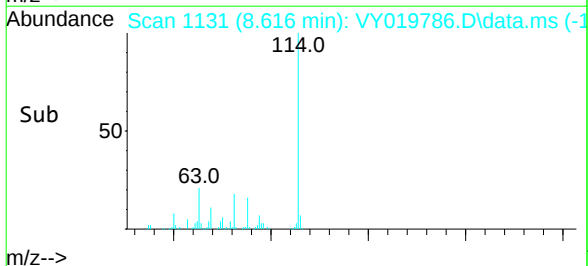
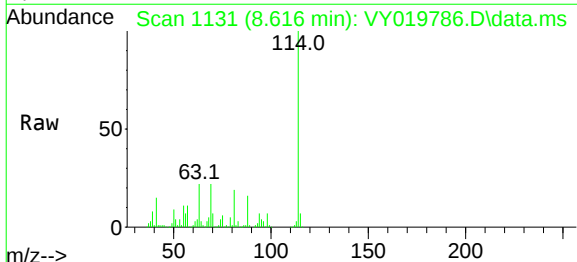
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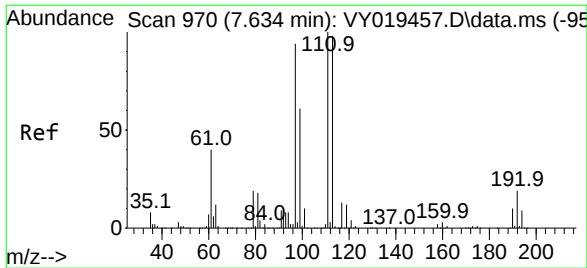
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

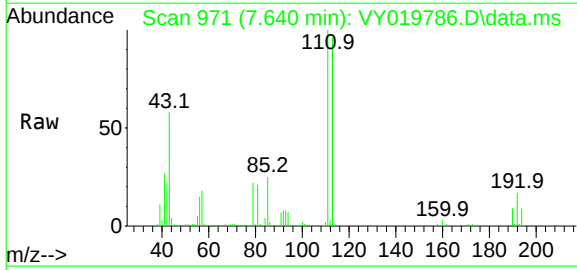
Tgt Ion:114 Resp: 456613
Ion Ratio Lower Upper
114 100
63 21.5 0.0 35.0
88 16.0 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.600 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

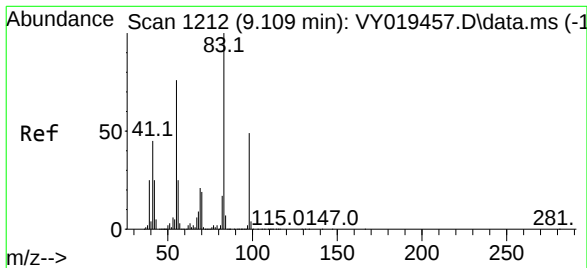
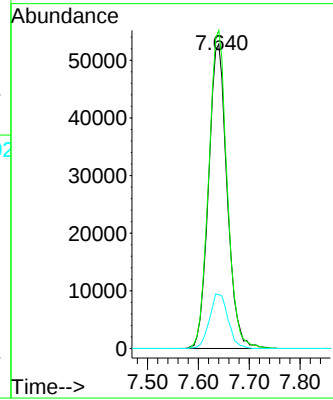
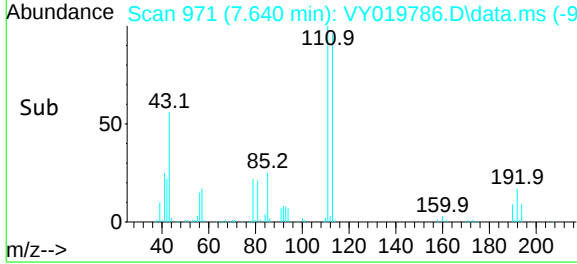
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300



Tgt Ion: 113 Resp: 133588
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 17.9 15.9 23.9

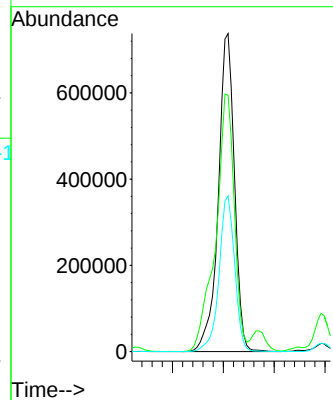
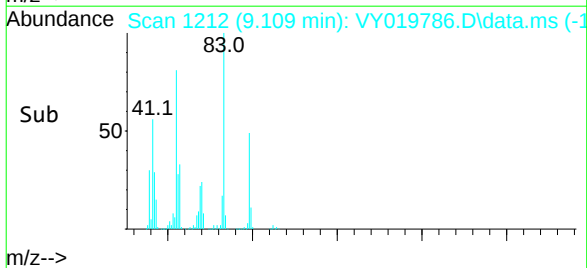
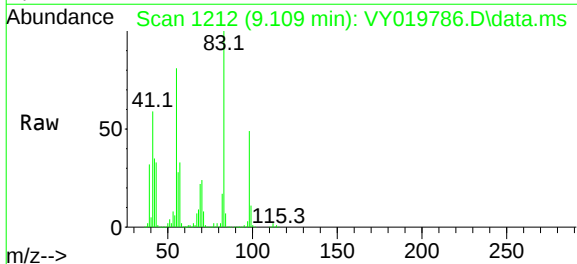
Manual Integrations
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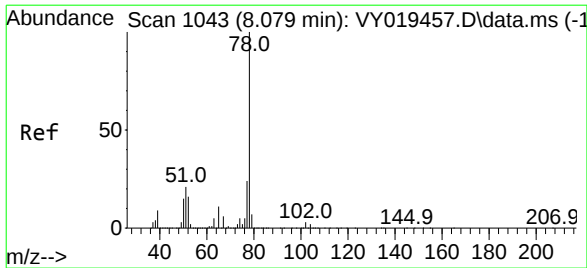
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024



#39
Methylcyclohexane
Concen: 347.407 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 83 Resp: 1628663
Ion Ratio Lower Upper
83 100
55 80.5 51.5 77.3#
98 48.9 40.5 60.7





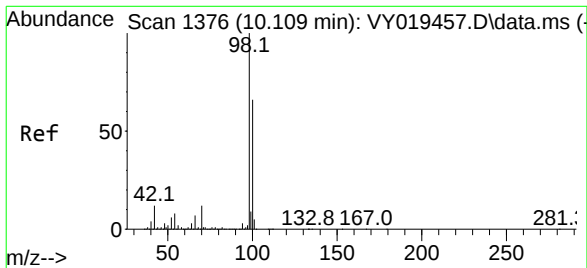
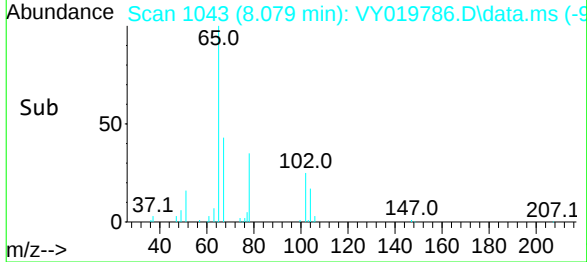
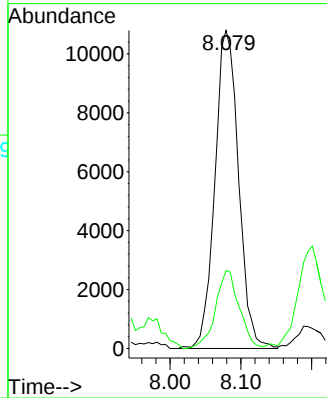
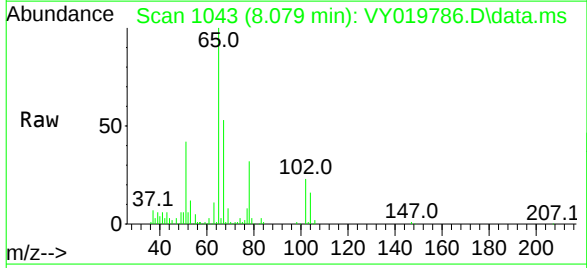
#40
Benzene
Concen: 2.307 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300

Tgt Ion: 78 Resp: 25036
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

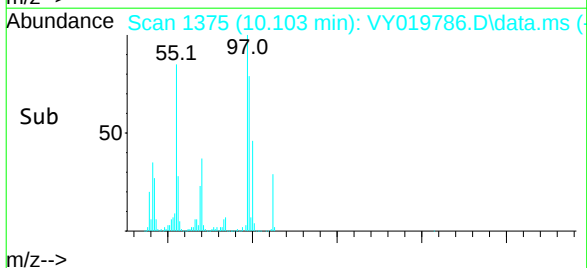
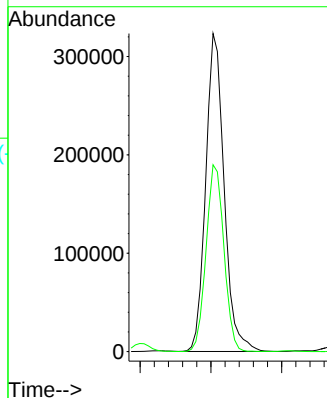
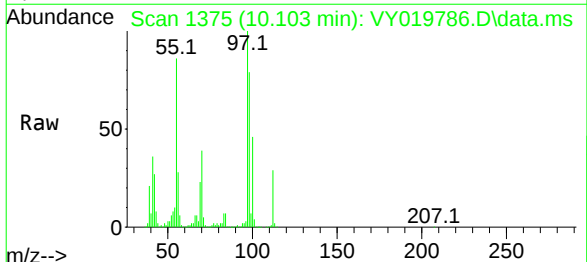
Manual Integrations
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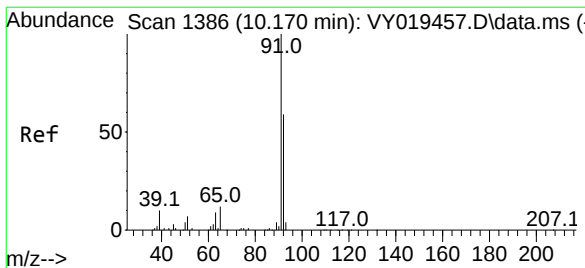
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024



#50
Toluene-d8
Concen: 61.016 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 98 Resp: 584277
Ion Ratio Lower Upper
98 100
100 56.9 52.0 78.0





#52

Toluene

Concen: 2736.364 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. -0.006 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

TRE-1300

Tgt Ion: 92 Resp:19095151

Ion Ratio Lower Upper

92 100

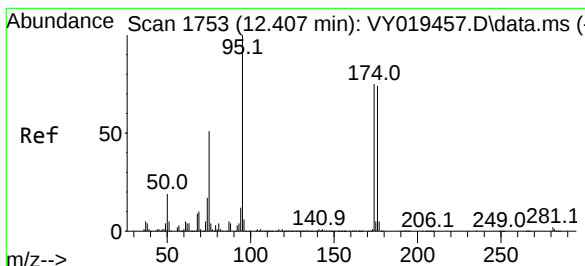
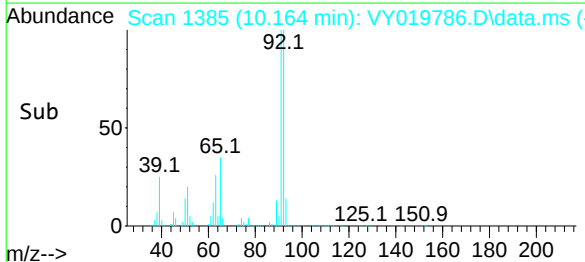
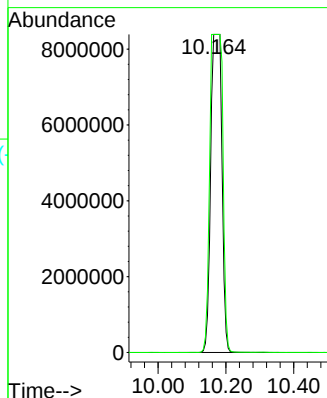
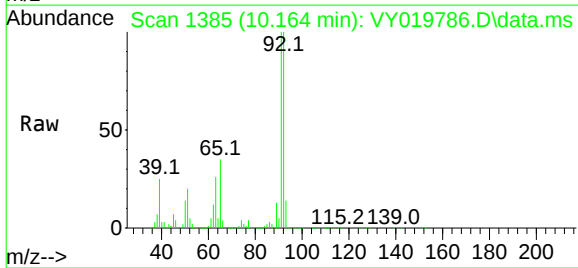
91 0.0 139.0 208.6#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/04/2024

Supervised By :Semsettin Yesilyurt 10/04/2024



#62

4-Bromofluorobenzene

Concen: 41.523 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

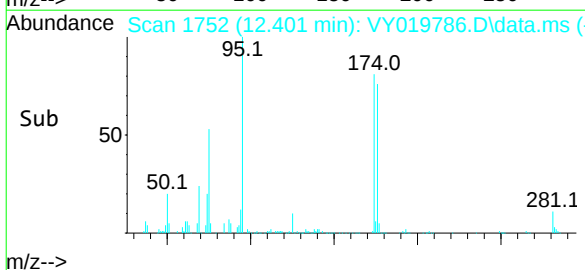
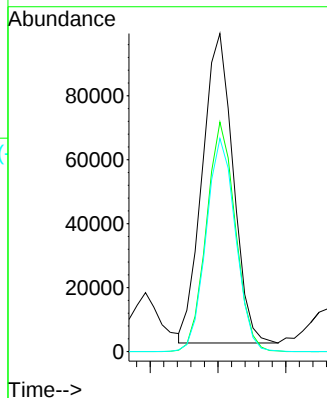
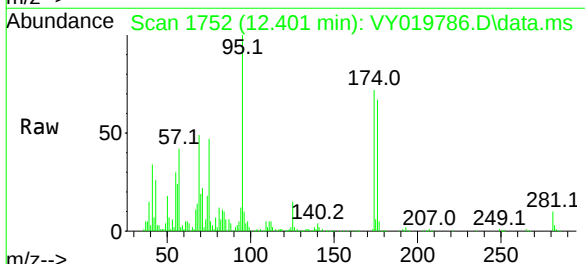
Tgt Ion: 95 Resp: 152888

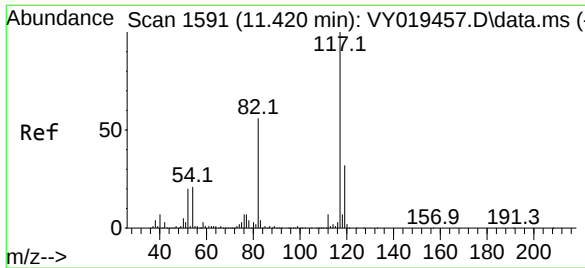
Ion Ratio Lower Upper

95 100

174 69.7 0.0 175.6

176 65.8 0.0 171.4





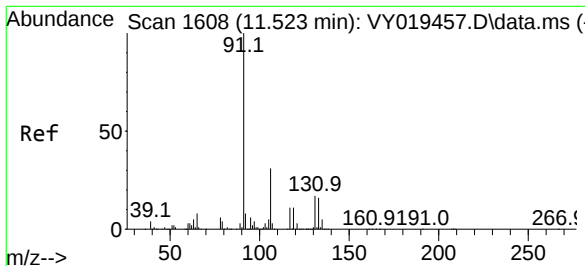
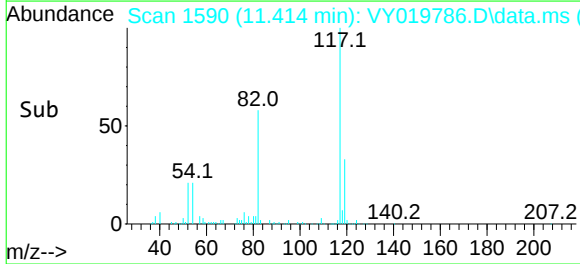
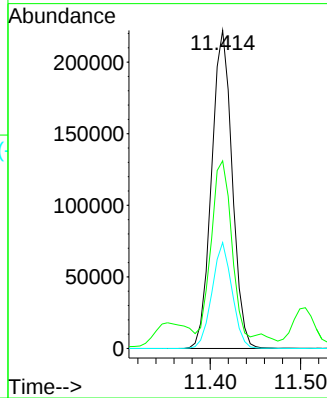
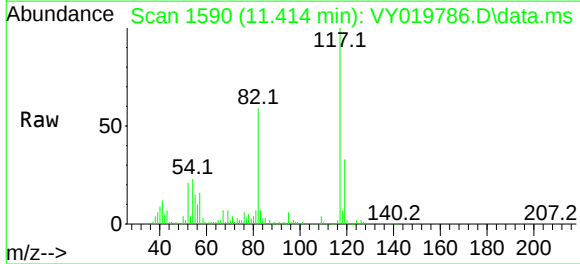
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	42.4	63.6
119	33.3	25.9	38.9

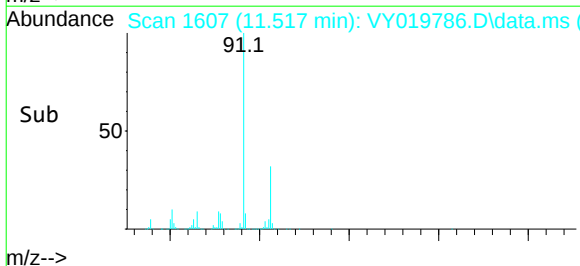
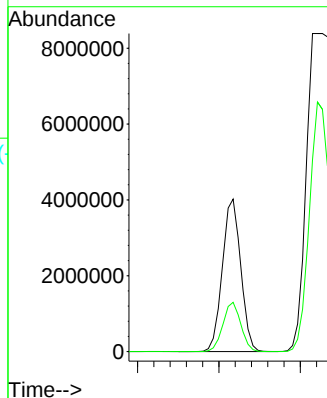
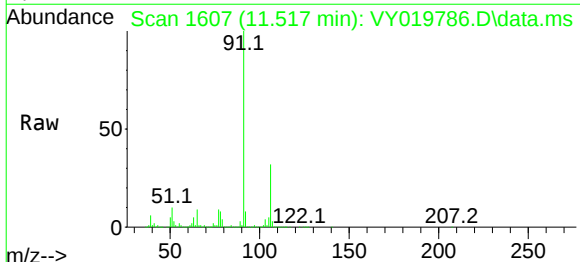
Manual Integrations
APPROVED

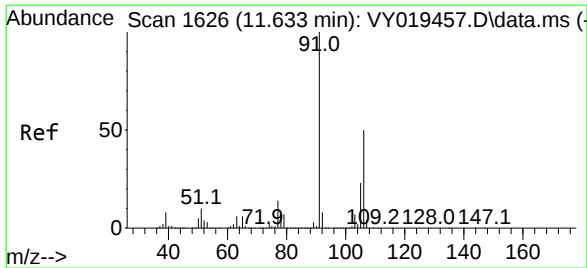
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024



#67
Ethyl Benzene
Concen: 513.805 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

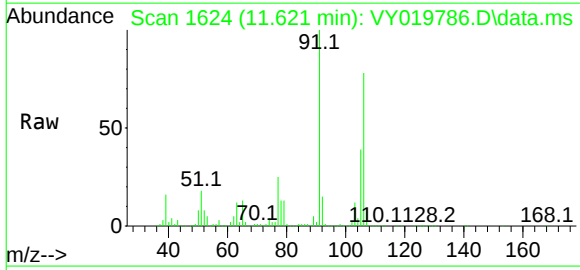
Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.3	24.5	36.7





#68
m/p-Xylenes
Concen: 2509.053 ug/l
RT: 11.621 min Scan# 1626
Delta R.T. -0.012 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

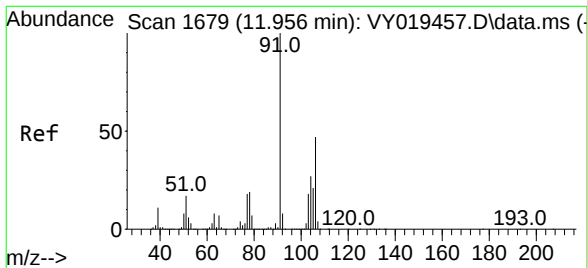
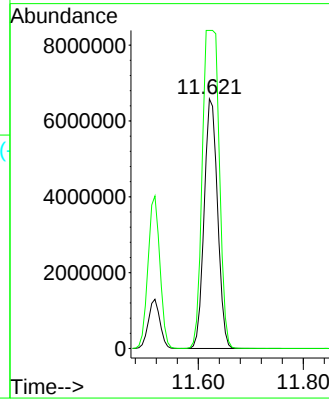
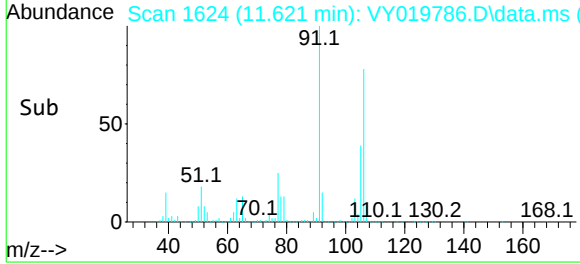
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300



Tgt Ion:106 Resp:11667179
Ion Ratio Lower Upper
106 100
91 160.8 156.0 234.0

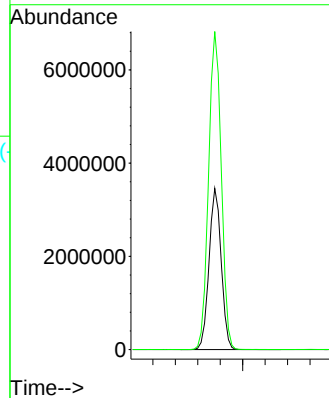
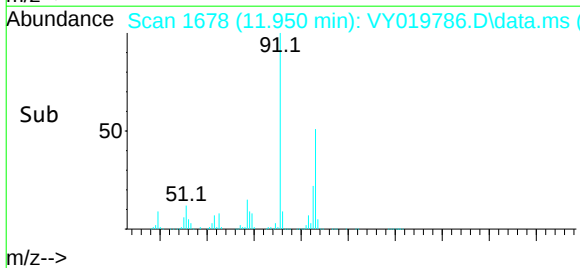
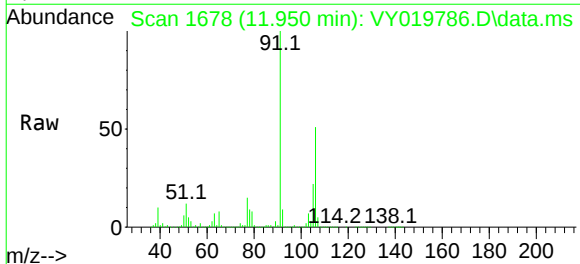
Manual Integrations
APPROVED

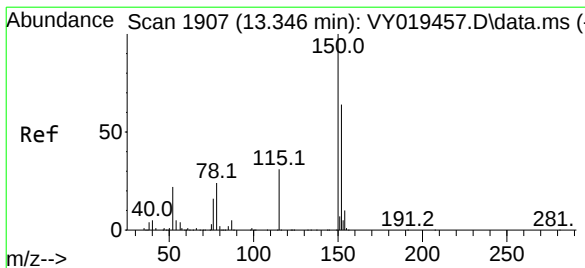
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024



#69
o-Xylene
Concen: 1141.204 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion:106 Resp: 5189738
Ion Ratio Lower Upper
106 100
91 206.4 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 19

Delta R.T. -0.006 min

Lab File: VY019786.D

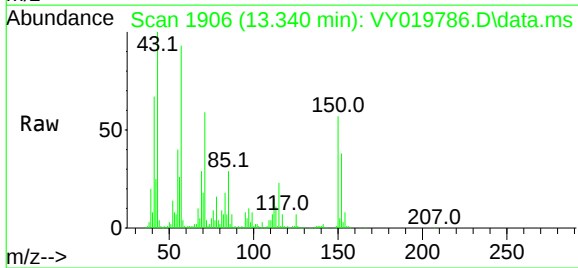
Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

TRE-1300



Tgt Ion:152 Resp: 102105

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

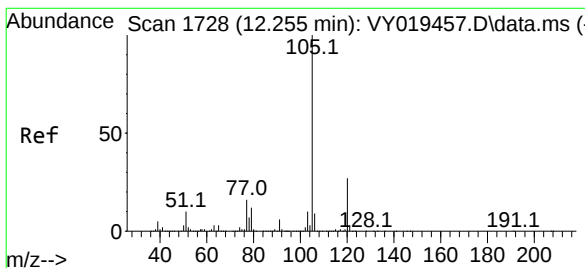
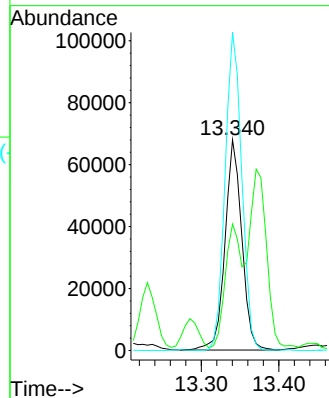
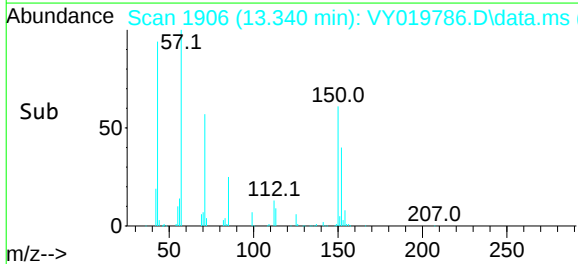
150 150.3 0.0 345.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/04/2024

Supervised By :Semsettin Yesilyurt 10/04/2024



#73

Isopropylbenzene

Concen: 85.688 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY019786.D

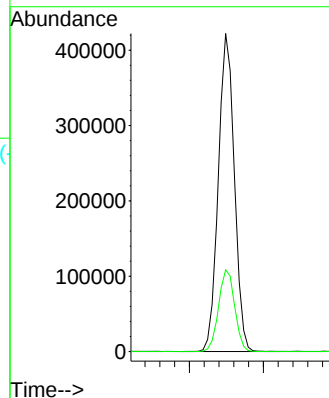
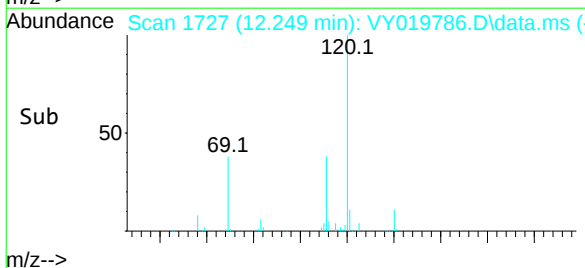
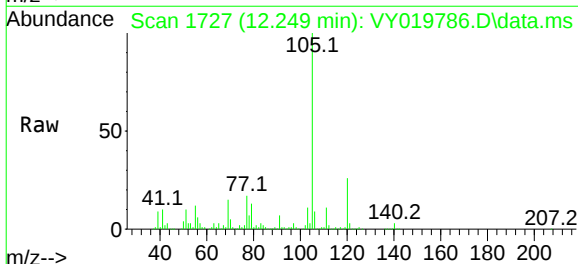
Acq: 03 Oct 2024 14:31

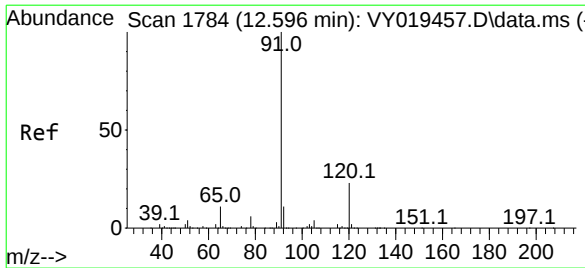
Tgt Ion:105 Resp: 634725

Ion Ratio Lower Upper

105 100

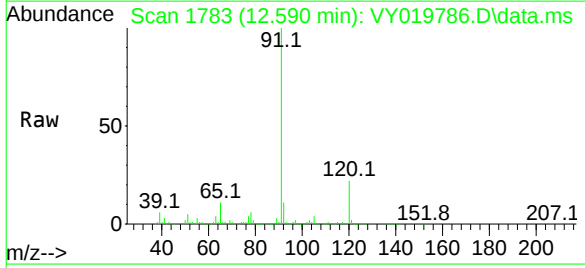
120 25.8 13.4 40.1





#78
n-propylbenzene
Concen: 248.211 ug/l
RT: 12.590 min Scan# 17
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

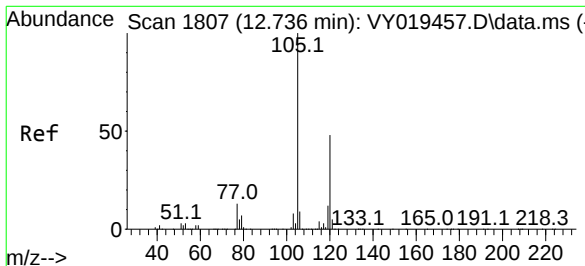
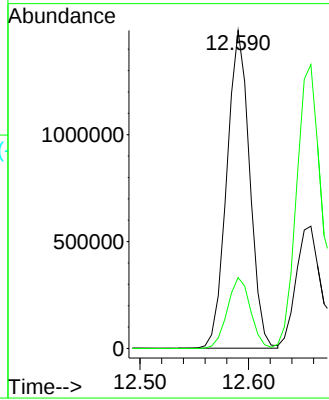
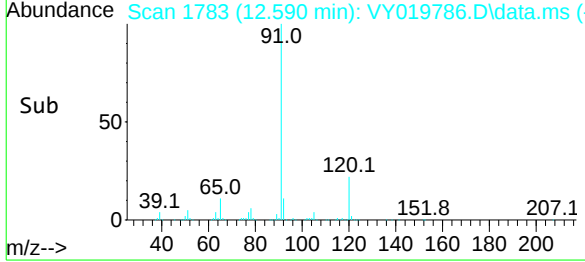
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300



Tgt Ion: 91 Resp: 2179237
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

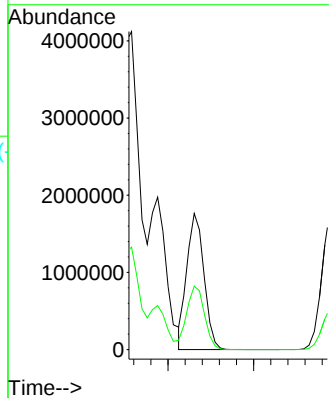
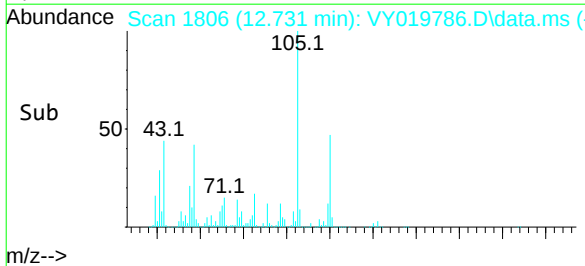
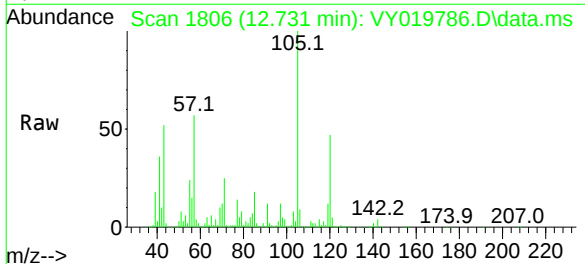
Manual Integrations
APPROVED

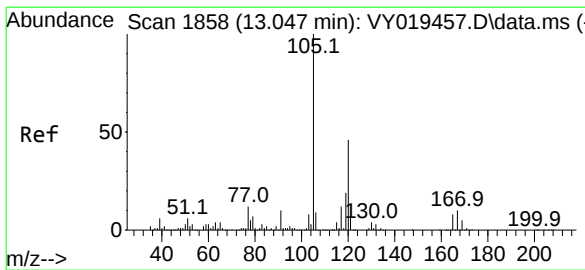
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 407.043 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion:105 Resp: 2451176
Ion Ratio Lower Upper
105 100
120 49.4 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 1357.979 ug/l

RT: 13.035 min Scan# 1858

Delta R.T. -0.012 min

Lab File: VY019786.D

Acq: 03 Oct 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

TRE-1300

Tgt Ion:105 Resp: 8094748

Ion Ratio Lower Upper

105 100

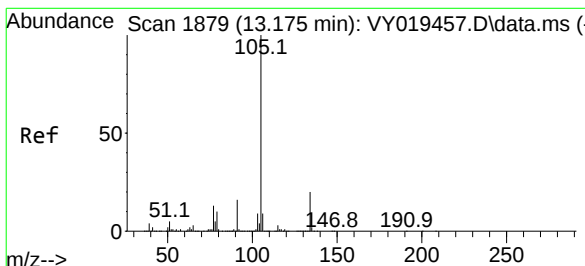
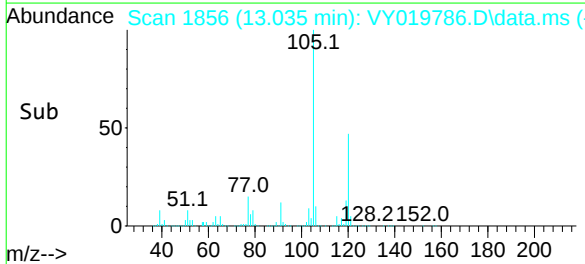
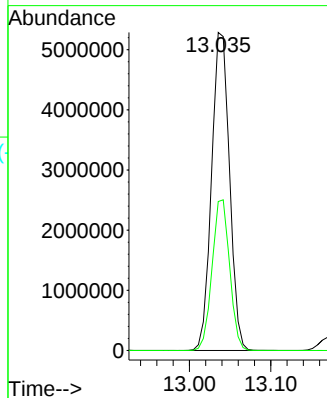
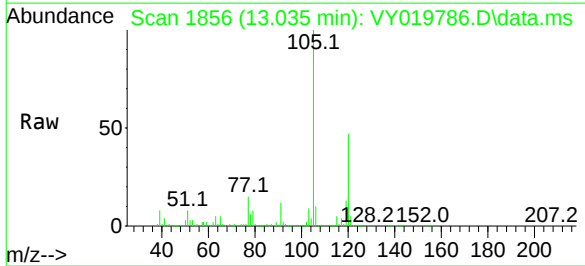
120 46.4 23.2 69.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/04/2024

Supervised By :Semsettin Yesilyurt 10/04/2024



#85

sec-Butylbenzene

Concen: 40.292 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY019786.D

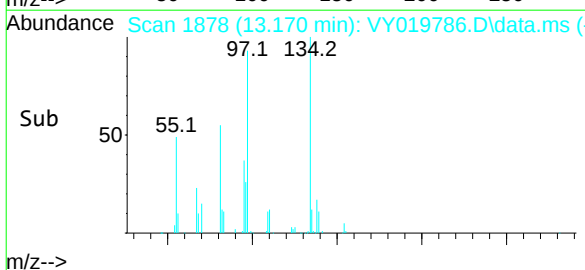
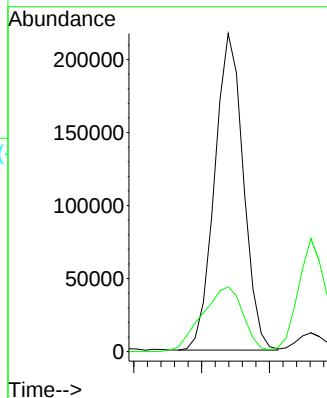
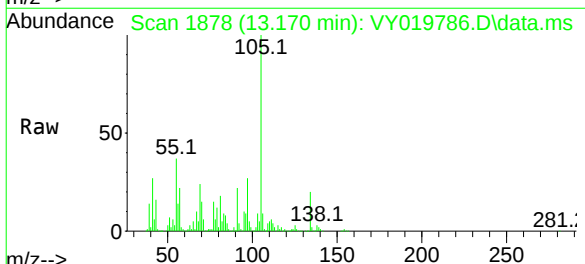
Acq: 03 Oct 2024 14:31

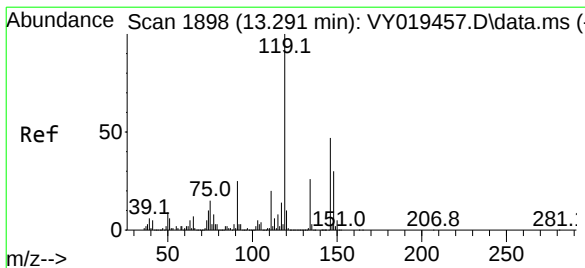
Tgt Ion:105 Resp: 319100

Ion Ratio Lower Upper

105 100

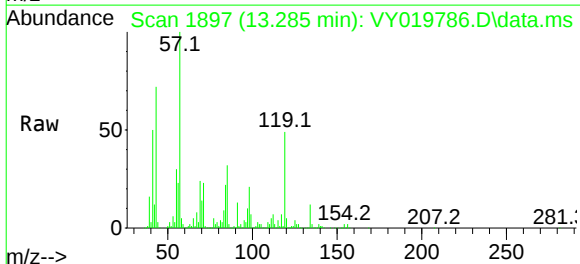
134 29.3 10.1 30.1





#86
p-Isopropyltoluene
Concen: 27.690 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

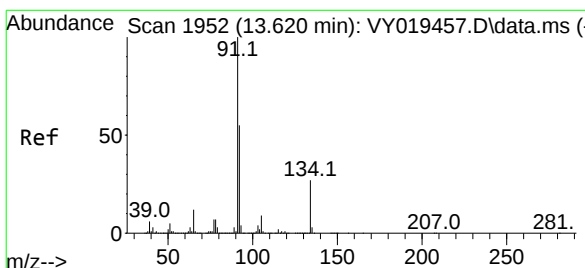
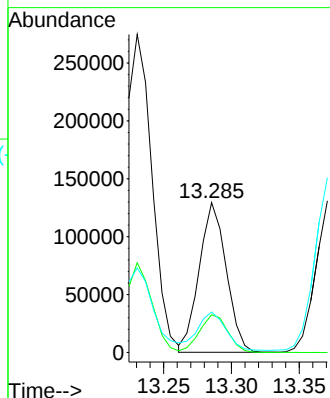
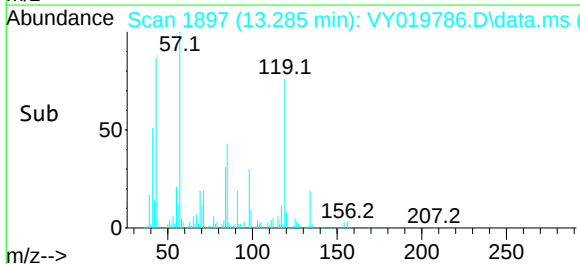
Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300



Tgt Ion: 119 Resp: 179420
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.3
91 26.9 10.7 32.1

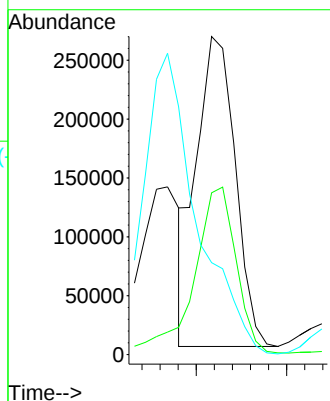
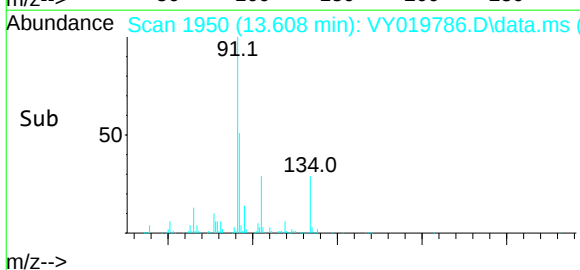
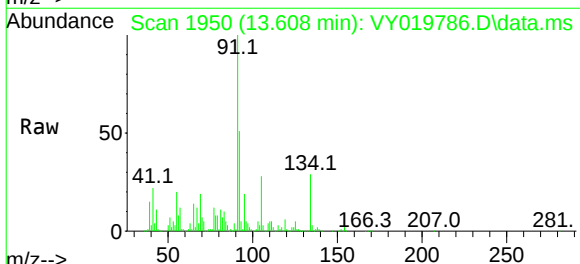
Manual Integrations
APPROVED

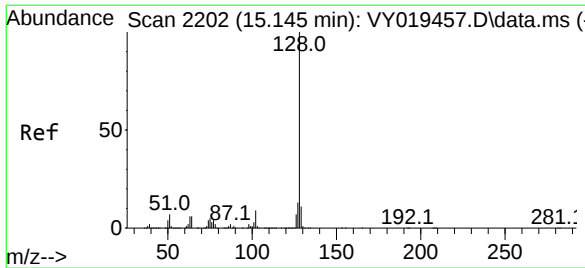
Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024



#89
n-Butylbenzene
Concen: 63.634 ug/l
RT: 13.608 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Tgt Ion: 91 Resp: 394177
Ion Ratio Lower Upper
91 100
92 57.2 26.6 79.7
134 0.0 12.9 38.7#





#95
Naphthalene
Concen: 48.296 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019786.D
Acq: 03 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :
TRE-1300

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.7	10.6	16.0
129	12.5	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/04/2024
Supervised By :Semsettin Yesilyurt 10/04/2024

