

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015199.D
 Acq On : 18 Aug 2023 16:35
 Operator : SY/MD
 Sample : 04086-11
 Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP14A

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

Quant Time: Aug 18 23:12:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	119351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73805	51.515	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.020%			
35) Dibromofluoromethane	7.716	113	63976	48.079	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.160%			
50) Toluene-d8	10.179	98	247026	49.870	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.483	95	98801	54.610	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.220%			
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	24806	19.467	ug/l	90
39) Methylcyclohexane	9.179	83	5178	3.138	ug/l	97
52) Toluene	10.240	92	106775	36.398	ug/l	95
67) Ethyl Benzene	11.593	91	116482	18.065	ug/l	98
68) m/p-Xylenes	11.697	106	189212	77.263	ug/l	97
69) o-Xylene	12.026	106	108864	44.624	ug/l	99
73) Isopropylbenzene	12.331	105	27646	4.036	ug/l	98
78) n-propylbenzene	12.672	91	144388	17.752	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	189932	33.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	779400	136.615	ug/l	98
85) sec-Butylbenzene	13.251	105	16245m	2.123	ug/l	
86) p-Isopropyltoluene	13.367	119	9737m	1.535	ug/l	
89) n-Butylbenzene	13.696	91	38750	6.478	ug/l #	70

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

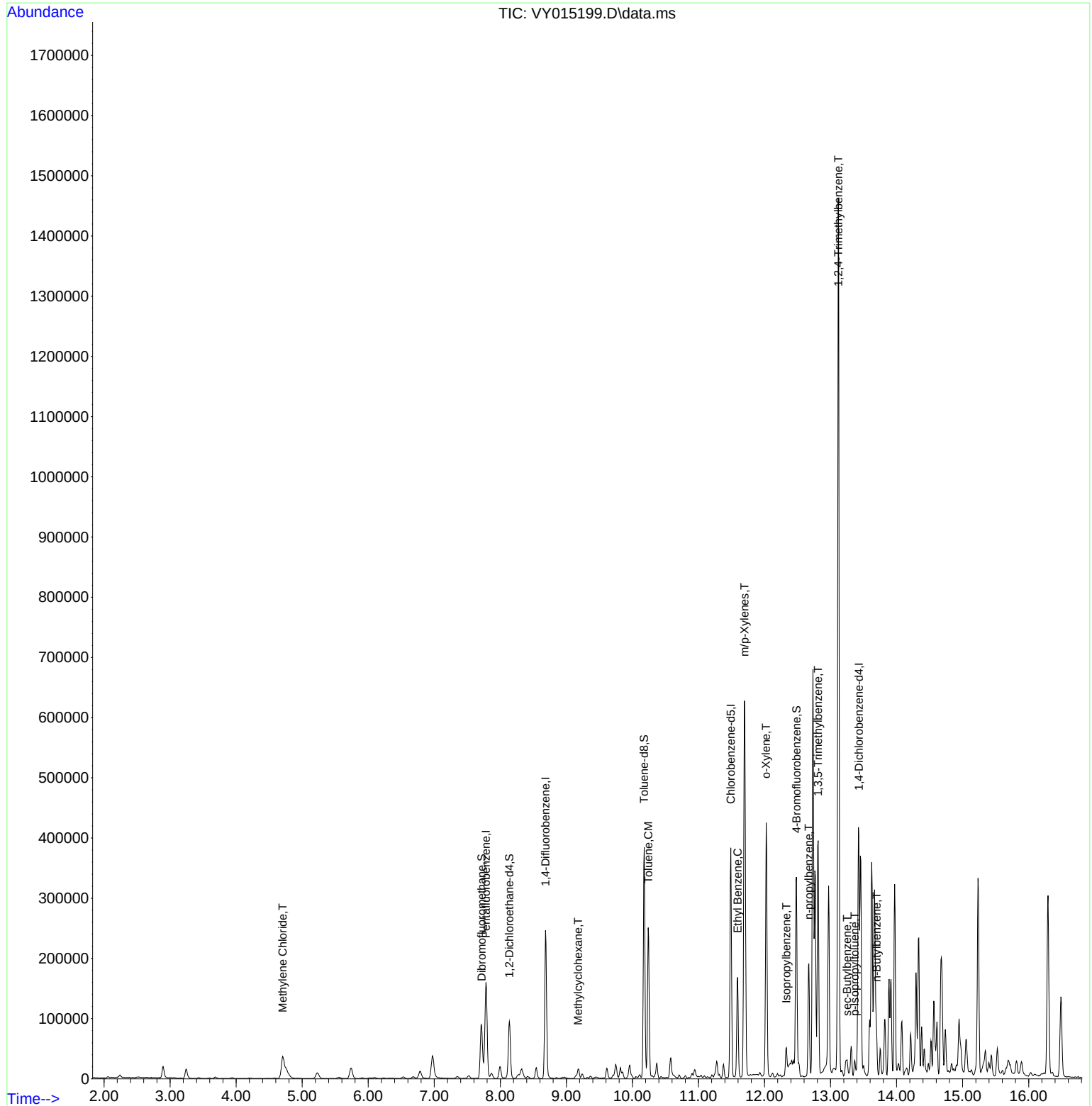
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
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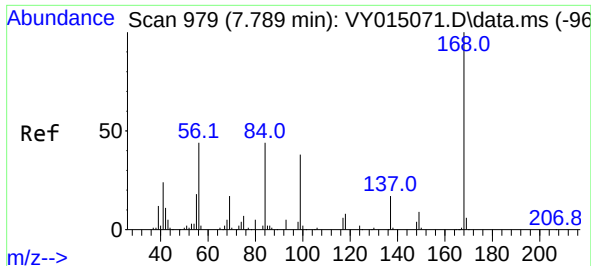
Instrument :
MSVOA_Y
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Quant Time: Aug 18 23:12:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
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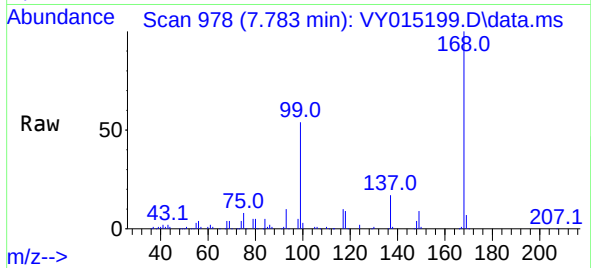
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

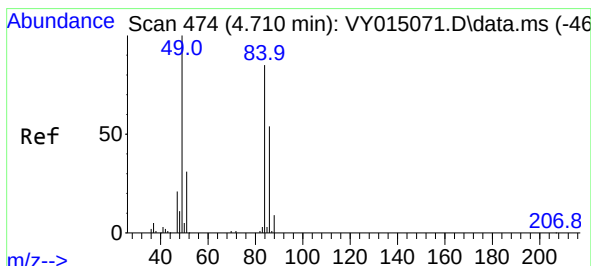
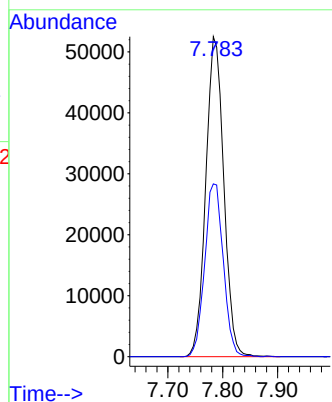
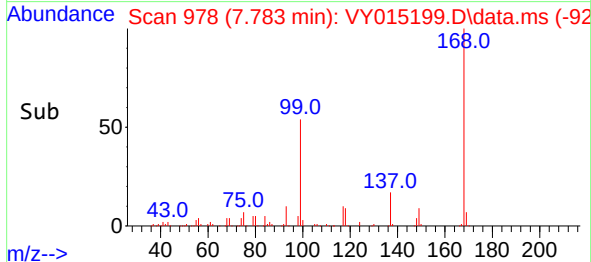
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A



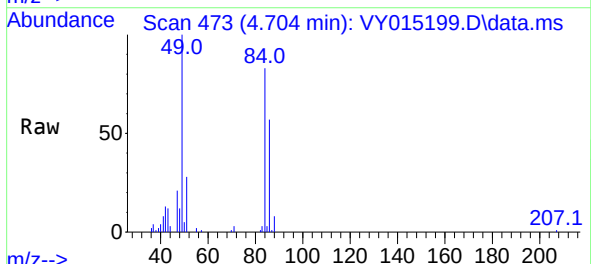
Tgt Ion:168 Resp: 11935
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0

Manual Integrations
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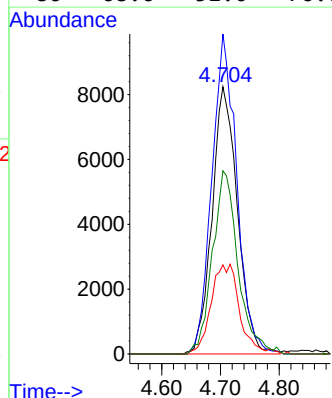
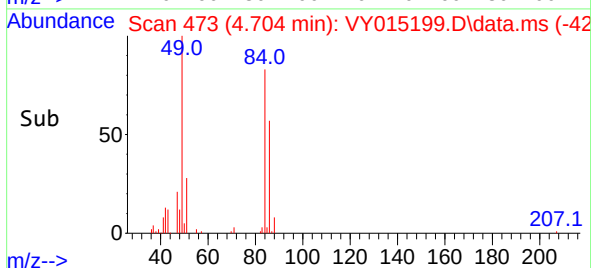
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

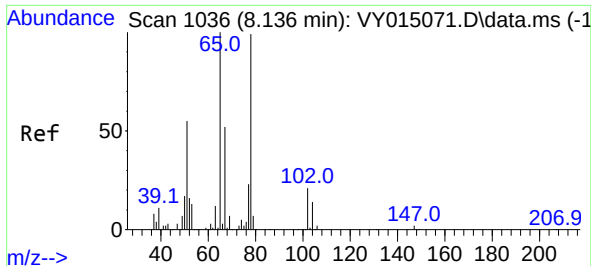


#20
Methylene Chloride
Concen: 19.467 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35



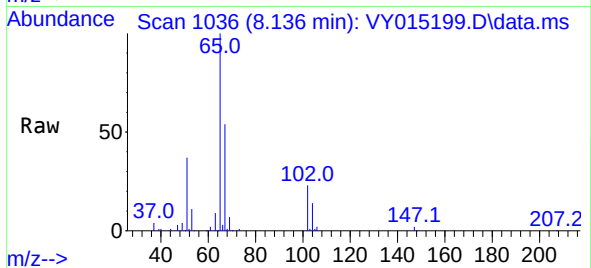
Tgt Ion: 84 Resp: 24806
Ion Ratio Lower Upper
84 100
49 119.8 106.9 160.3
51 33.3 33.2 49.8
86 68.6 51.0 76.6





#33
1,2-Dichloroethane-d4
Concen: 51.515 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

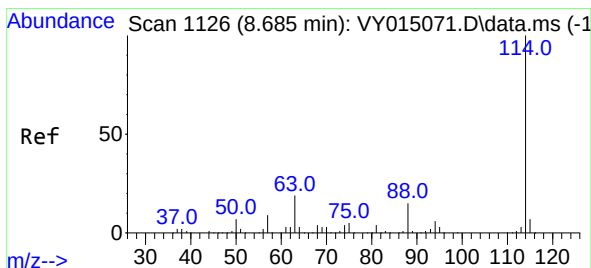
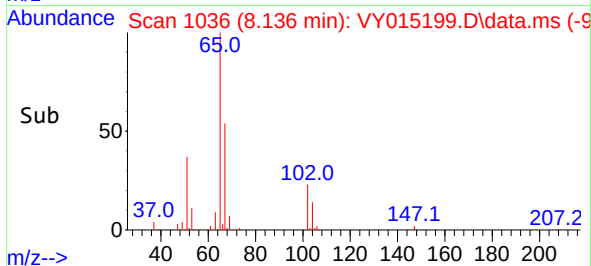
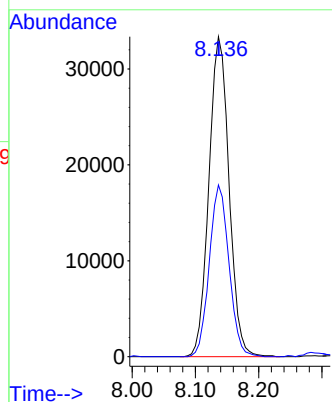
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Tgt Ion: 65 Resp: 7380
Ion Ratio Lower Upper
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67 52.4 0.0 101.8

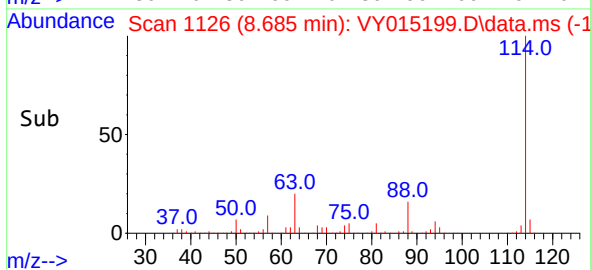
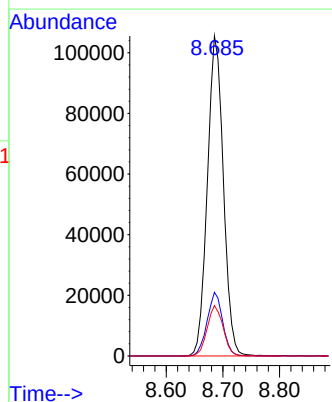
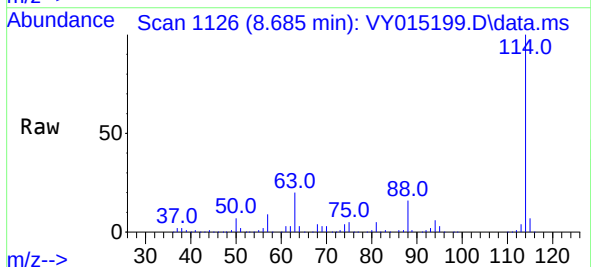
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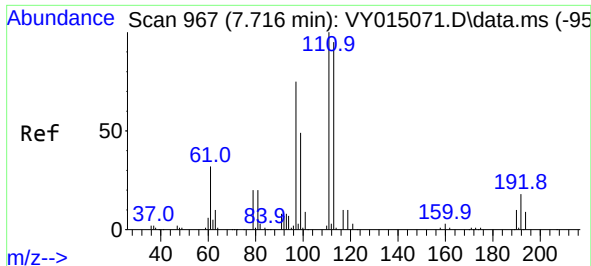
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

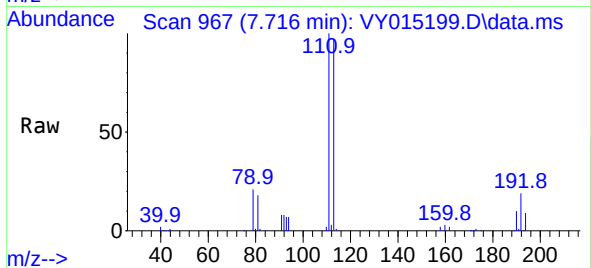
Tgt Ion:114 Resp: 206834
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.079 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

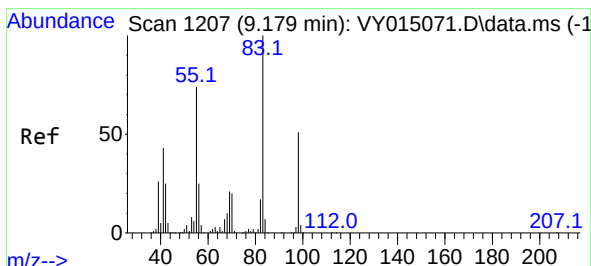
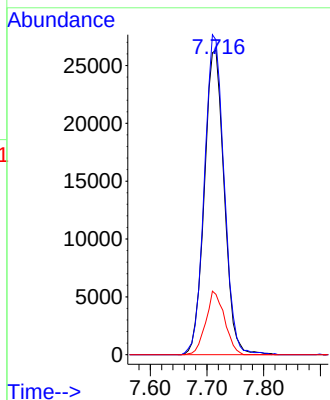
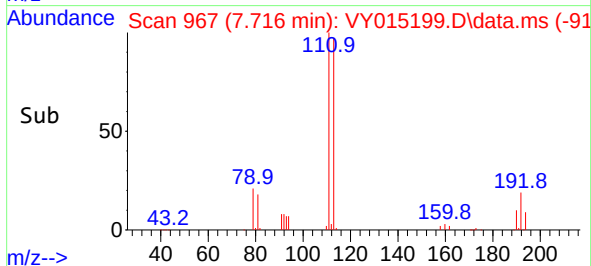
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A



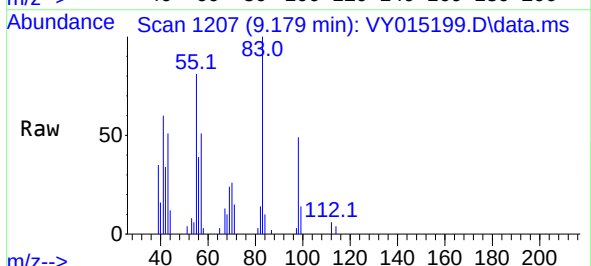
Tgt Ion: 113 Resp: 63970
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 19.7 16.9 25.3

Manual Integrations
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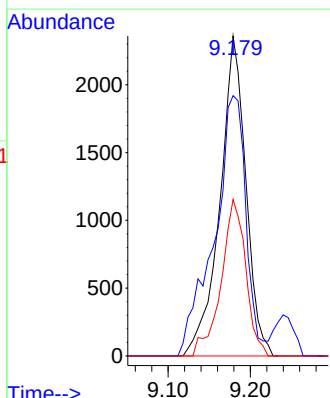
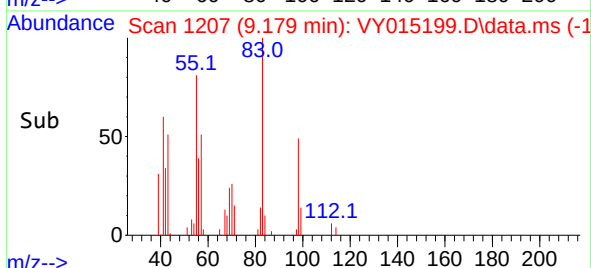
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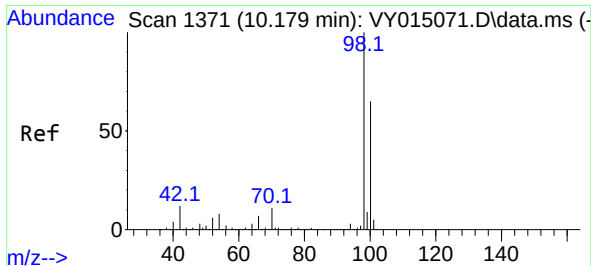


#39
Methylcyclohexane
Concen: 3.138 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35



Tgt Ion: 83 Resp: 5178
Ion Ratio Lower Upper
83 100
55 81.4 63.0 94.4
98 48.9 37.4 56.2





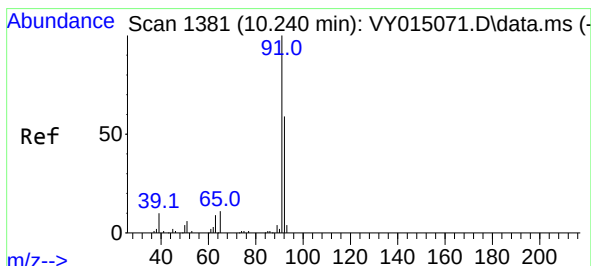
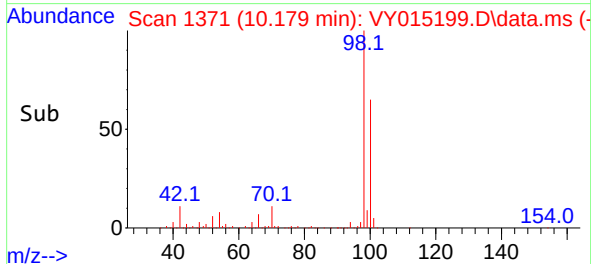
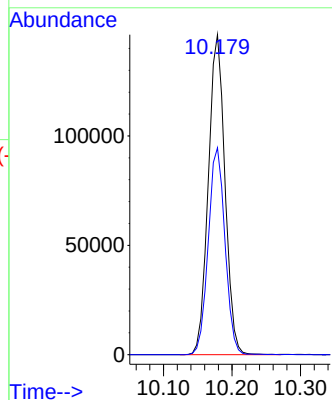
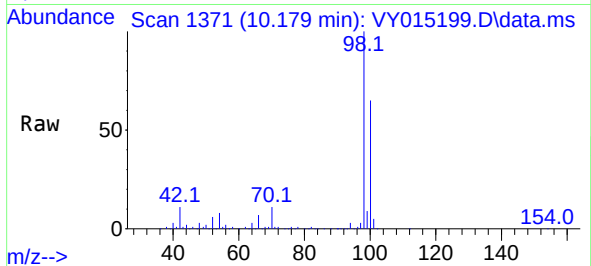
#50
Toluene-d8
Concen: 49.870 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

Tgt Ion: 98 Resp: 247020
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

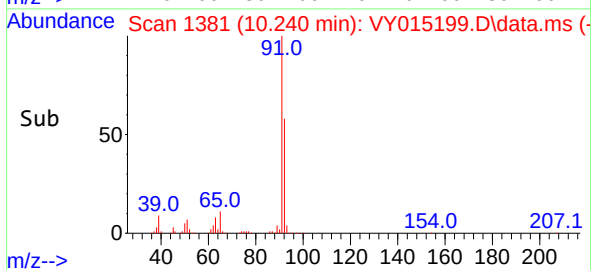
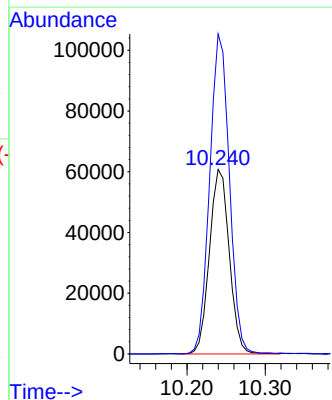
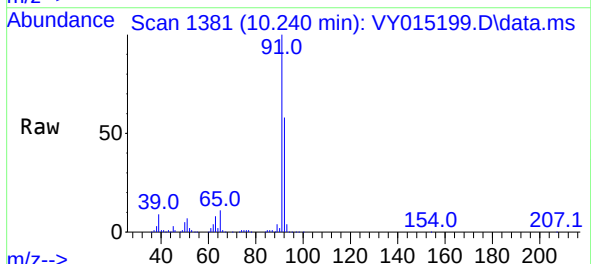
Manual Integrations
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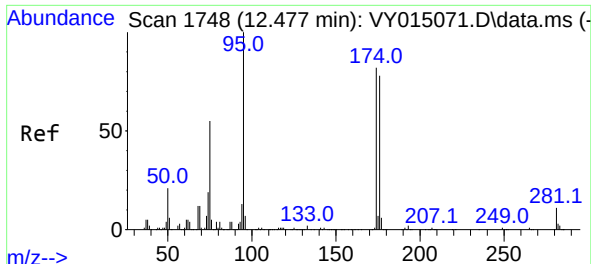
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#52
Toluene
Concen: 36.398 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion: 92 Resp: 106775
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6





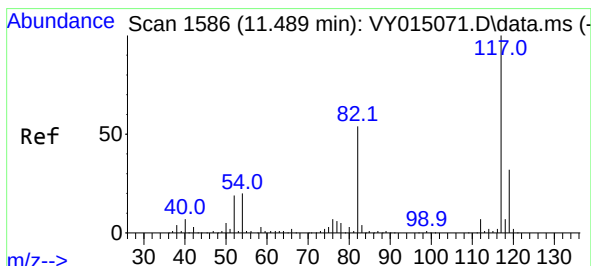
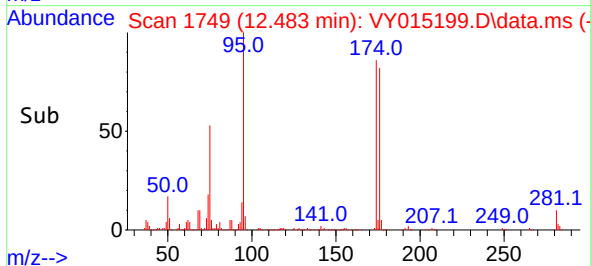
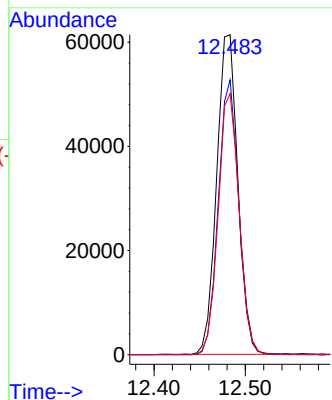
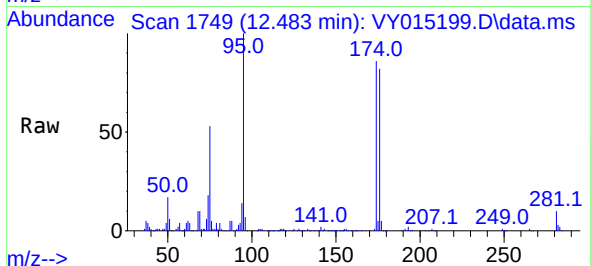
#62
4-Bromofluorobenzene
Concen: 54.610 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

Tgt Ion: 95	Resp: 9880
Ion Ratio	Lower Upper
95 100	
174 83.5	0.0 178.2
176 80.6	0.0 173.8

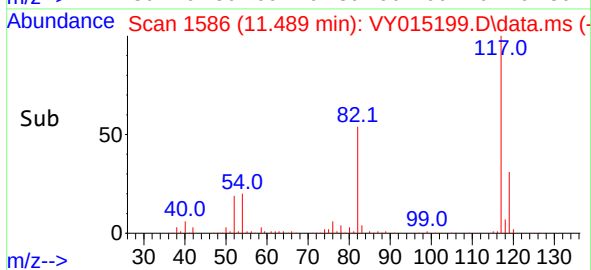
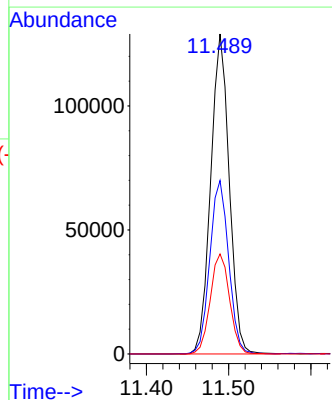
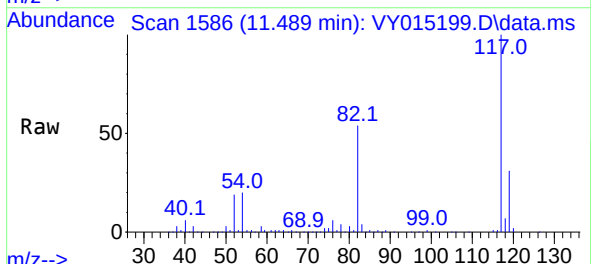
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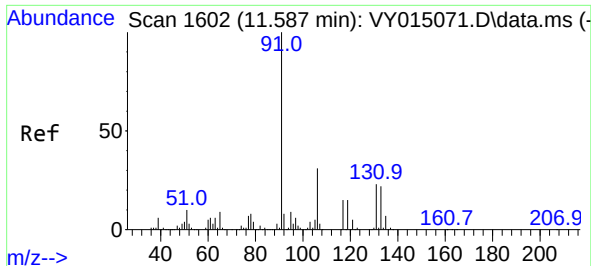
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

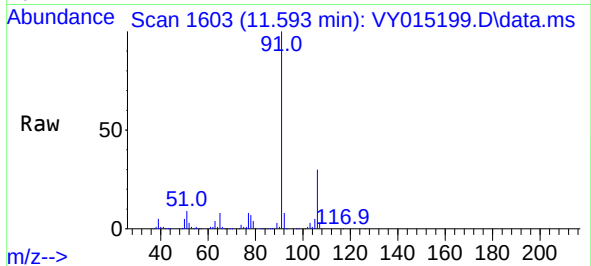
Tgt Ion:117	Resp: 201980
Ion Ratio	Lower Upper
117 100	
82 54.1	43.4 65.0
119 31.3	26.3 39.5





#67
Ethyl Benzene
Concen: 18.065 ug/l
RT: 11.593 min Scan# 11648
Delta R.T. 0.006 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

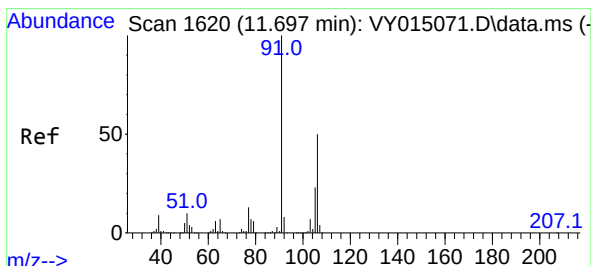
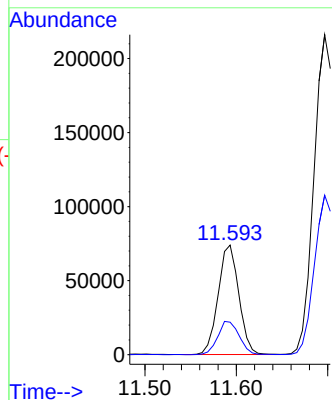
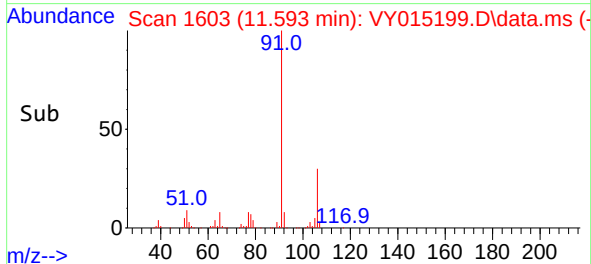
Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A



Tgt Ion: 91 Resp: 11648
Ion Ratio Lower Upper
91 100
106 29.6 24.6 36.8

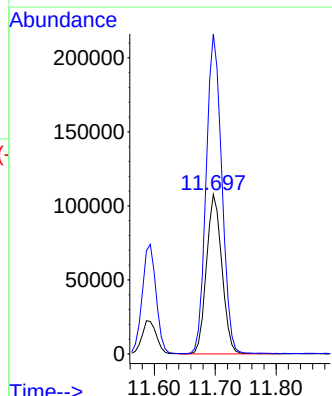
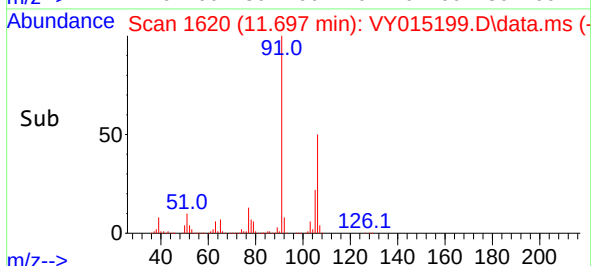
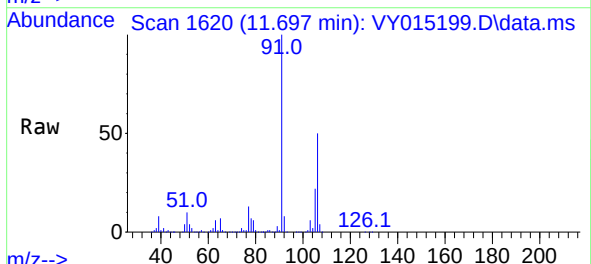
Manual Integrations
APPROVED

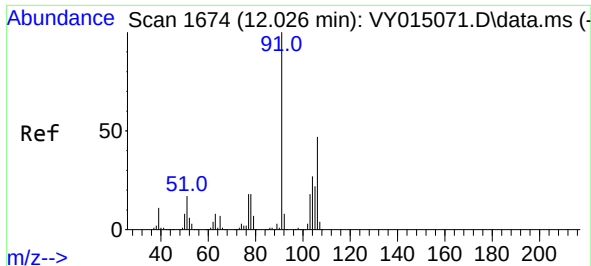
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#68
m/p-Xylenes
Concen: 77.263 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

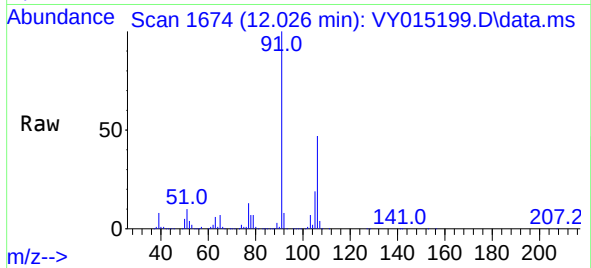
Tgt Ion:106 Resp: 189212
Ion Ratio Lower Upper
106 100
91 203.4 166.1 249.1





#69
o-Xylene
Concen: 44.624 ug/l
RT: 12.026 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

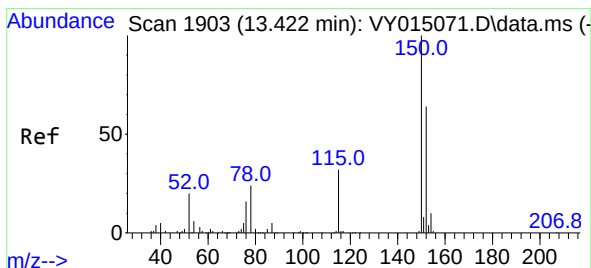
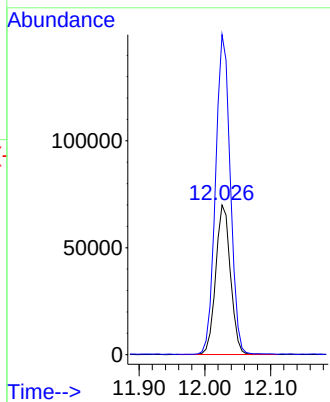
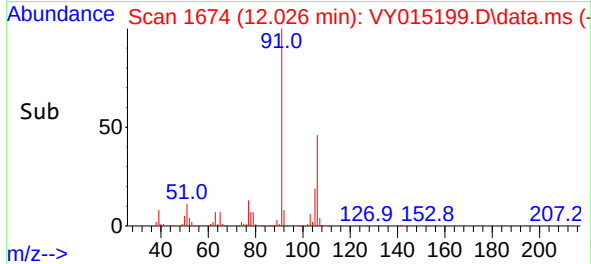
Instrument :
MSVOA_Y
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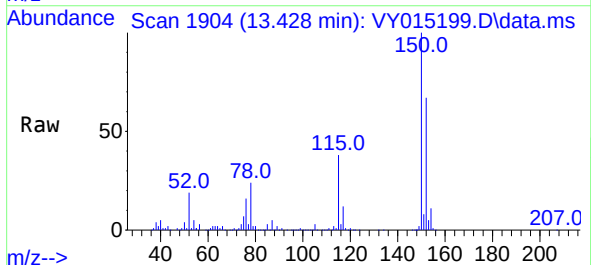
Tgt Ion:106 Resp: 108864
Ion Ratio Lower Upper
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91 214.4 108.1 324.3

Manual Integrations
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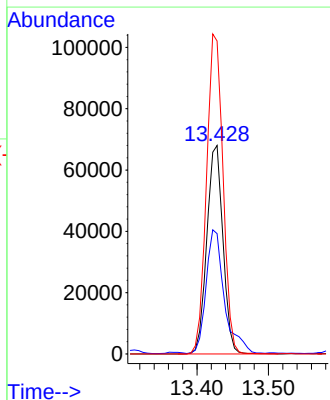
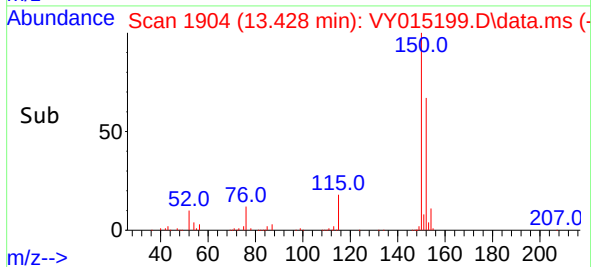
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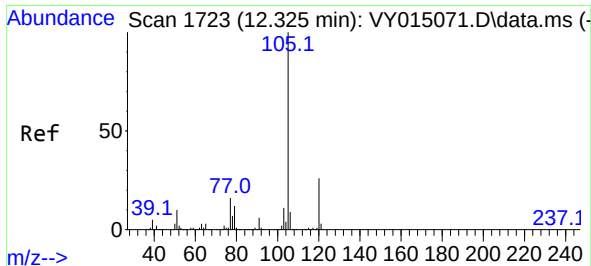


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35



Tgt Ion:152 Resp: 106515
Ion Ratio Lower Upper
152 100
115 67.1 28.8 86.5
150 156.5 0.0 348.8





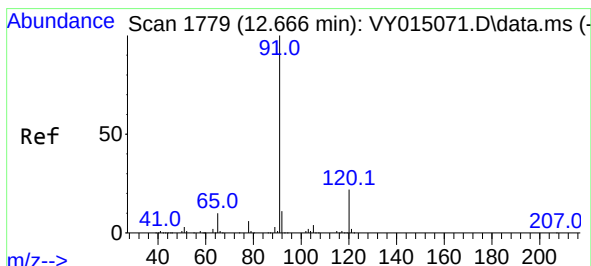
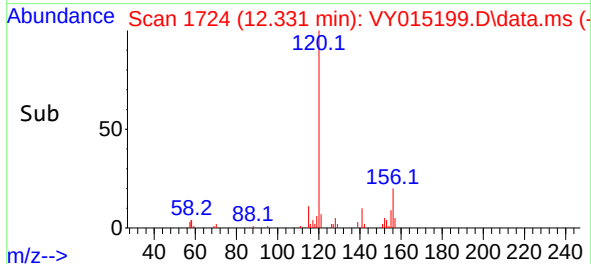
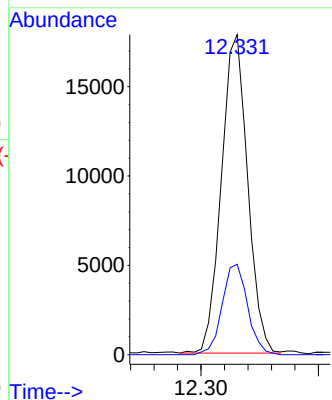
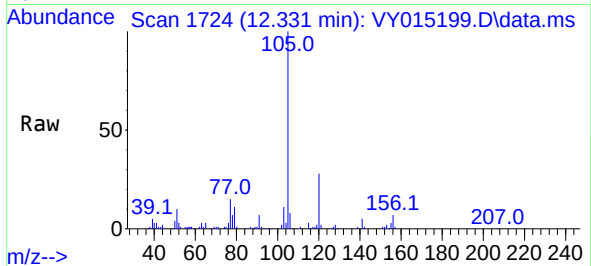
#73
Isopropylbenzene
Concen: 4.036 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

Tgt Ion:105 Resp: 27640
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9

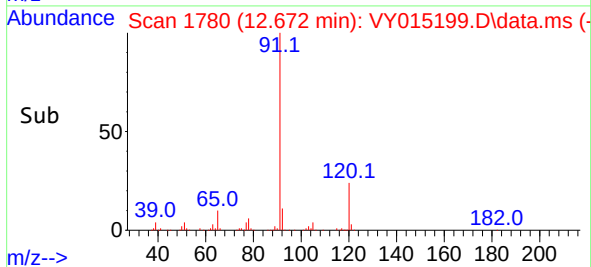
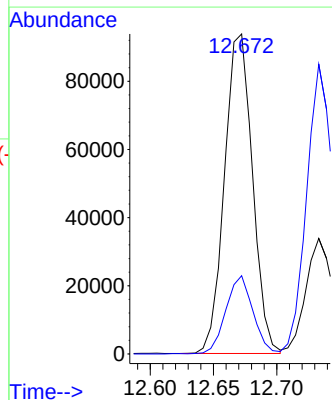
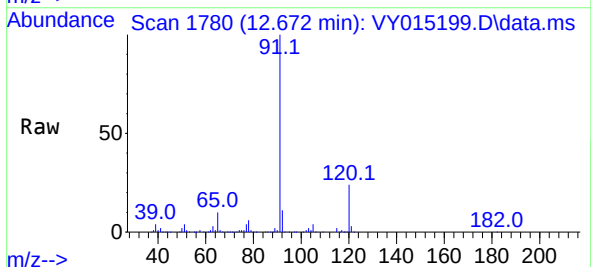
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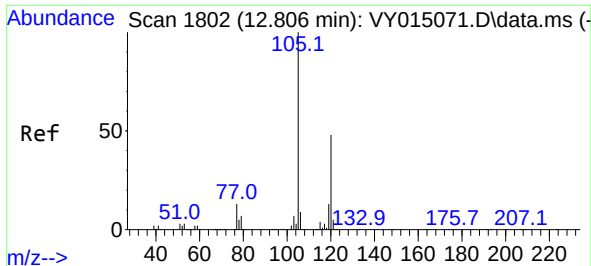
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#78
n-propylbenzene
Concen: 17.752 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion: 91 Resp: 144388
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.4





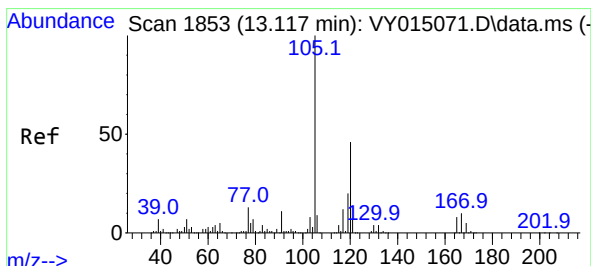
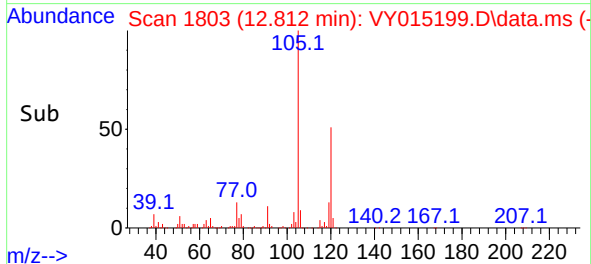
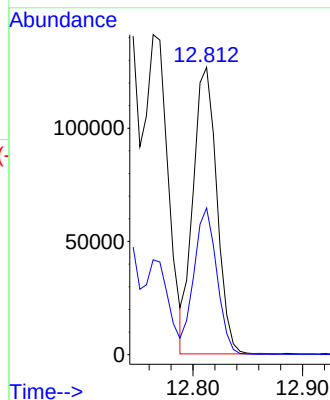
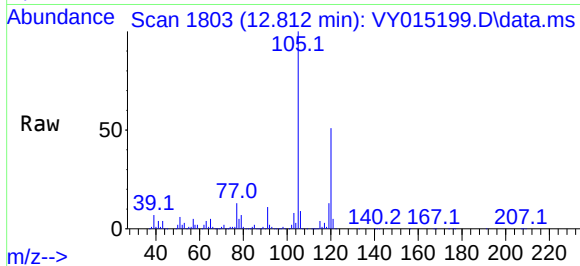
#80
1,3,5-Trimethylbenzene
Concen: 33.267 ug/l
RT: 12.812 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

Tgt Ion:105 Resp: 189932
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

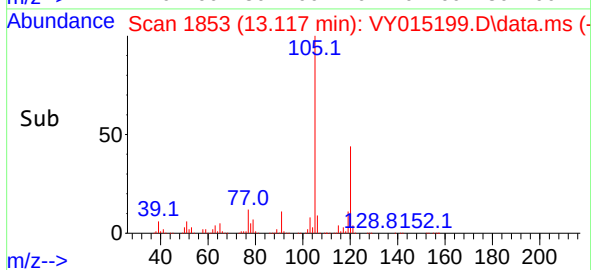
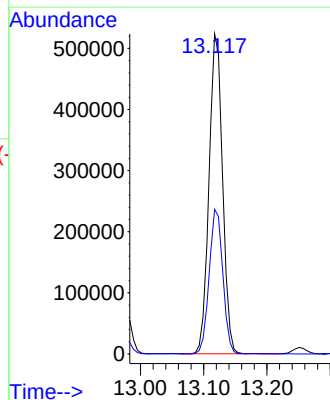
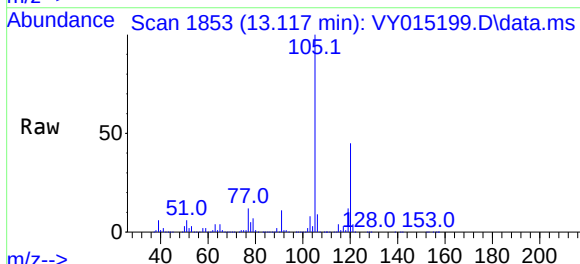
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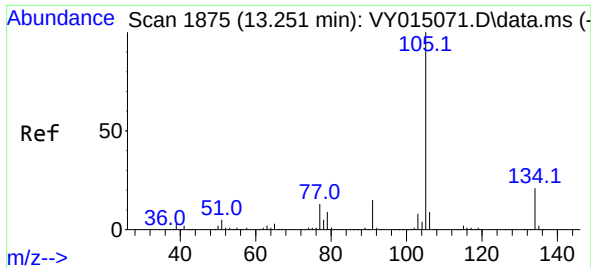
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 136.615 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Tgt Ion:105 Resp: 779400
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6





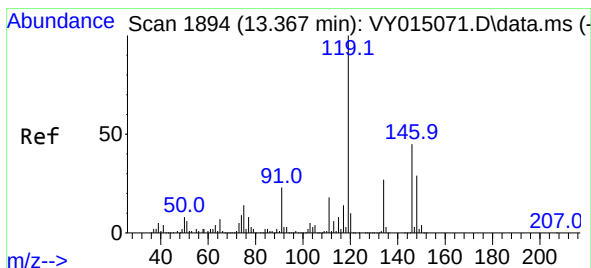
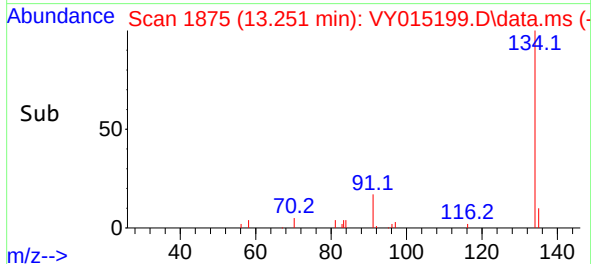
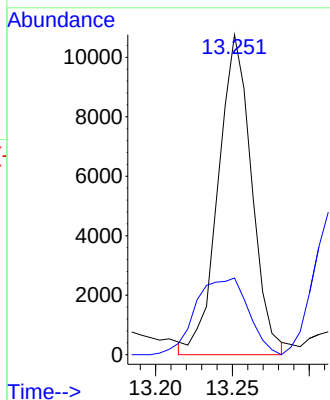
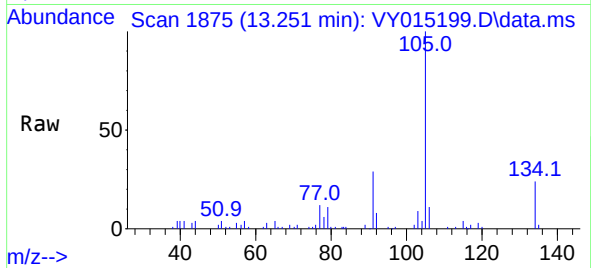
#85
 sec-Butylbenzene
 Concen: 2.123 ug/l m
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015199.D
 Acq: 18 Aug 2023 16:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP14A

Tgt Ion:105 Resp: 1624
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6

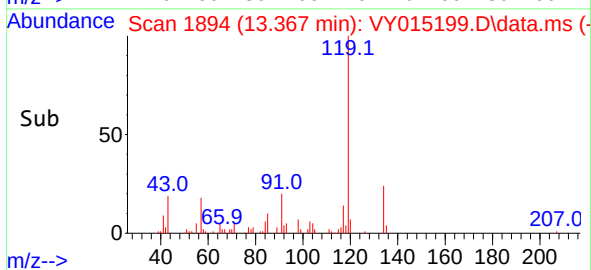
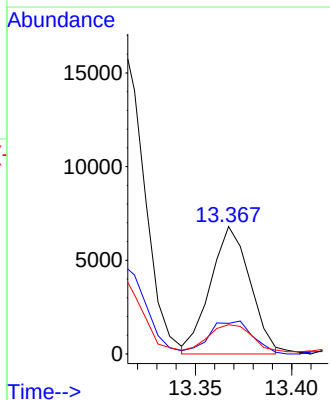
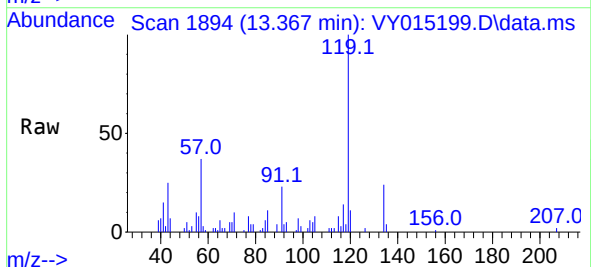
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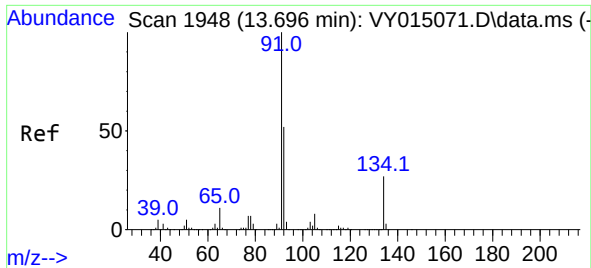
Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023



#86
 p-Isopropyltoluene
 Concen: 1.535 ug/l m
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015199.D
 Acq: 18 Aug 2023 16:35

Tgt Ion:119 Resp: 9737
 Ion Ratio Lower Upper
 119 100
 134 74.4 13.3 39.8#
 91 58.4 12.4 37.4#





#89
n-Butylbenzene
Concen: 6.478 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015199.D
Acq: 18 Aug 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

Tgt Ion:	91	Resp:	38750
Ion	Ratio	Lower	Upper
91	100		
92	64.4	25.4	76.0
134	0.0	12.6	37.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

