

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015198.D
 Acq On : 18 Aug 2023 16:12
 Operator : SY/MD
 Sample : 04086-09
 Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP13B

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 23:12:01 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	190985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120204	52.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.860%			
35) Dibromofluoromethane	7.709	113	104108	48.671	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.340%			
50) Toluene-d8	10.179	98	382745	48.067	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.140%			
62) 4-Bromofluorobenzene	12.477	95	166651	57.301	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.600%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	12372	16.519	ug/l #	84
17) Carbon Disulfide	4.192	76	3489	1.492	ug/l #	94
20) Methylene Chloride	4.704	84	42816	21.369	ug/l	95
39) Methylcyclohexane	9.173	83	4038	1.522	ug/l	92
52) Toluene	10.239	92	224382	47.582	ug/l	94
67) Ethyl Benzene	11.593	91	227987	22.111	ug/l	99
68) m/p-Xylenes	11.697	106	371815	94.942	ug/l	96
69) o-Xylene	12.026	106	157730	40.430	ug/l	99
73) Isopropylbenzene	12.331	105	44943	4.021	ug/l	98
78) n-propylbenzene	12.672	91	263089	19.821	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	308681	33.130	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1372871	147.456	ug/l	98
85) sec-Butylbenzene	13.251	105	24845m	1.990	ug/l	
86) p-Isopropyltoluene	13.367	119	16474m	1.591	ug/l	
89) n-Butylbenzene	13.690	91	68070	6.973	ug/l #	71

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

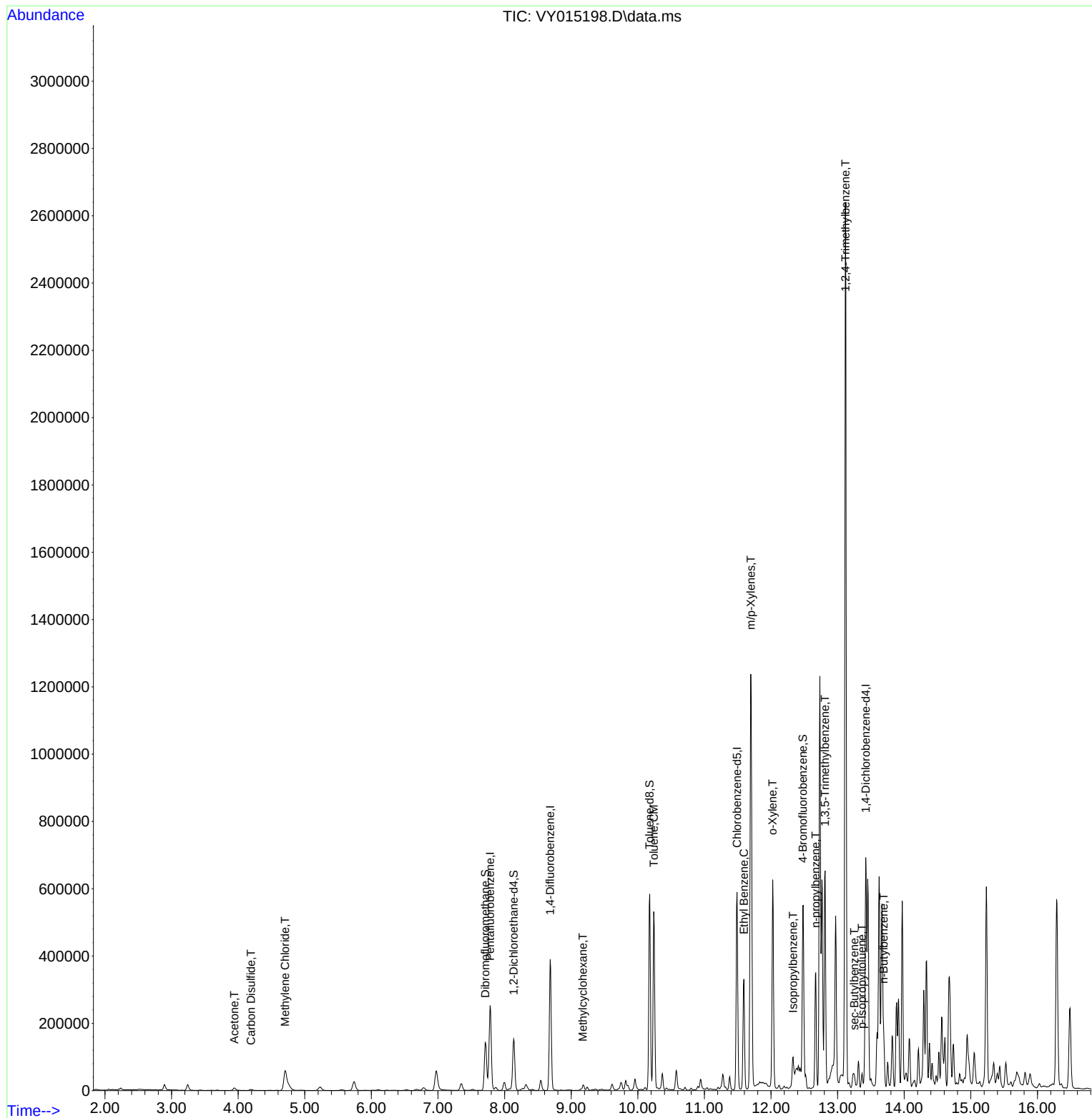
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
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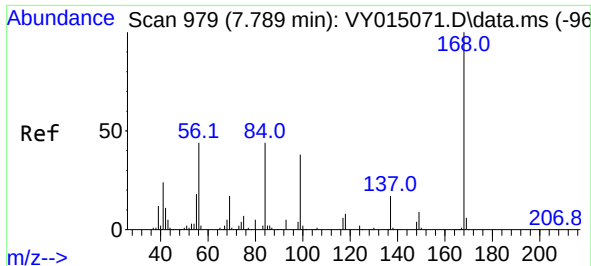
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B

Quant Time: Aug 18 23:12:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
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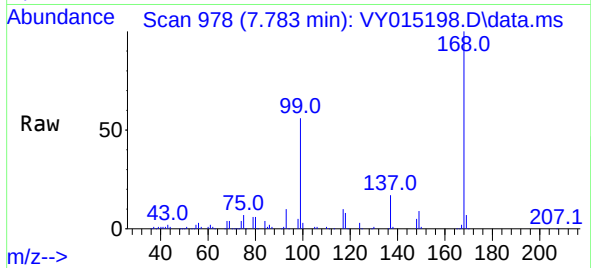
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

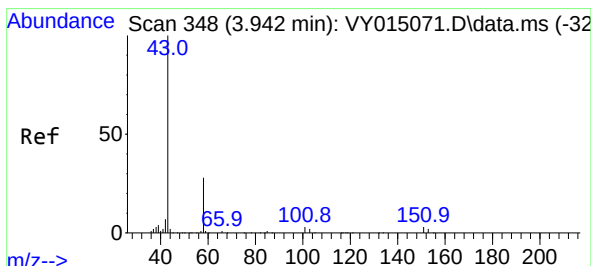
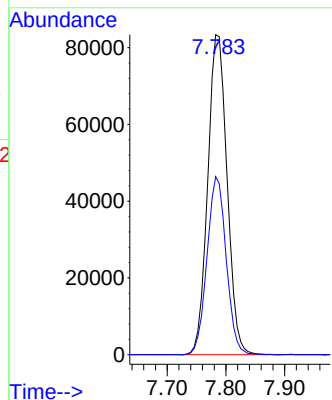
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B



Tgt Ion:168 Resp: 19098
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0

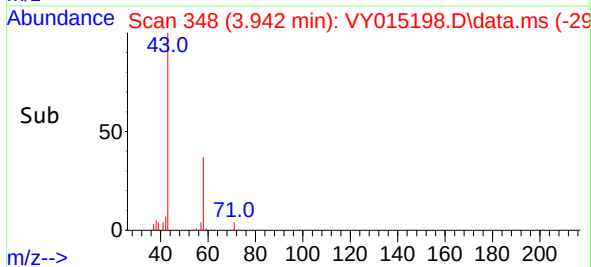
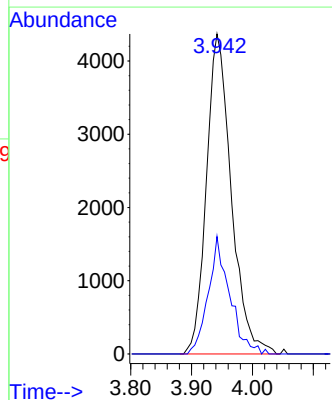
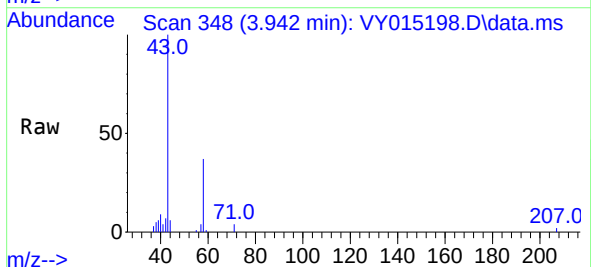
Manual Integrations
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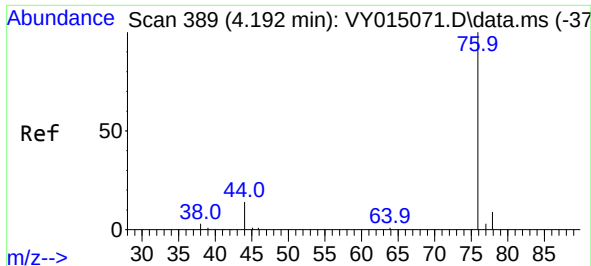
Reviewed By :Semsettin Yesilyurt 08/21/2023
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#16
Acetone
Concen: 16.519 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

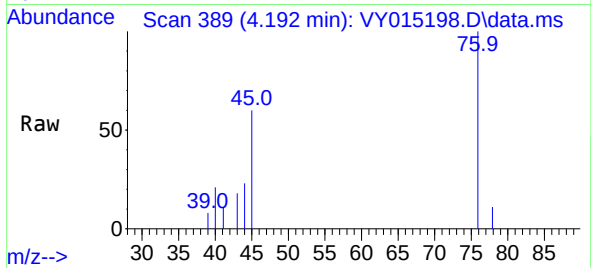
Tgt Ion: 43 Resp: 12372
Ion Ratio Lower Upper
43 100
58 36.7 22.7 34.1#





#17
Carbon Disulfide
Concen: 1.492 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

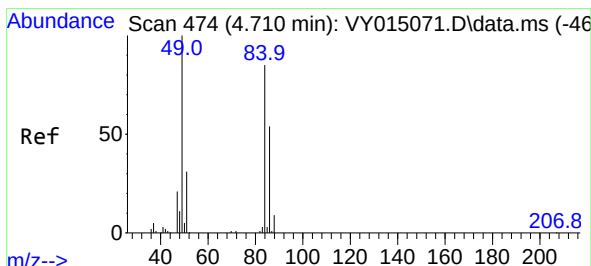
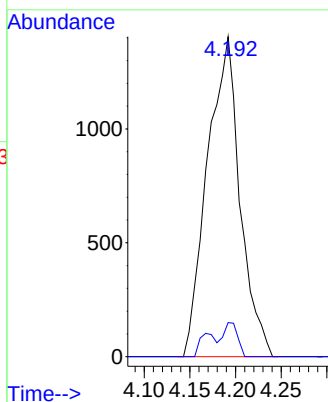
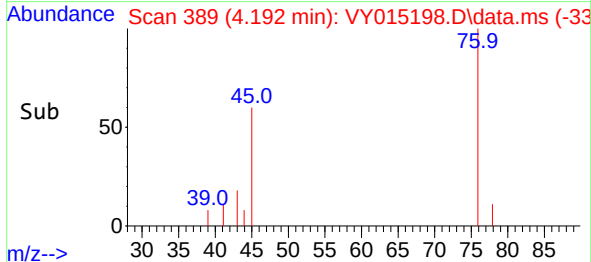
Instrument :
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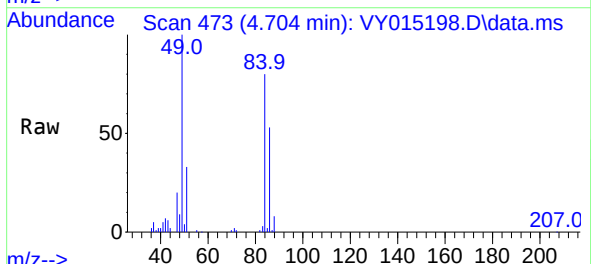
Tgt Ion: 76 Resp: 3489
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.4

Manual Integrations
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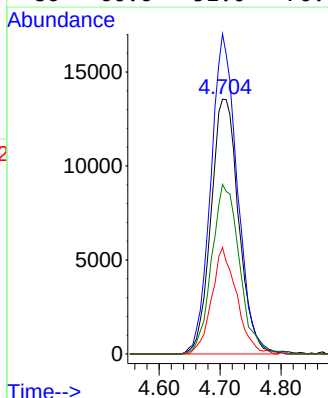
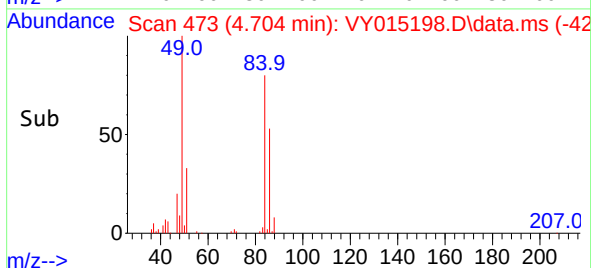
Reviewed By :Semsettin Yesilyurt 08/21/2023
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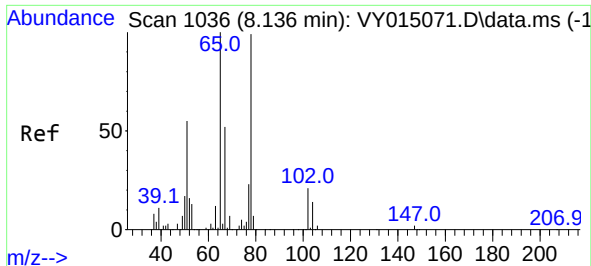


#20
Methylene Chloride
Concen: 21.369 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12



Tgt Ion: 84 Resp: 42816
Ion Ratio Lower Upper
84 100
49 125.6 106.9 160.3
51 41.8 33.2 49.8
86 66.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.431 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

B-PP13B

Tgt Ion: 65 Resp: 120204

Ion Ratio Lower Upper

65 100

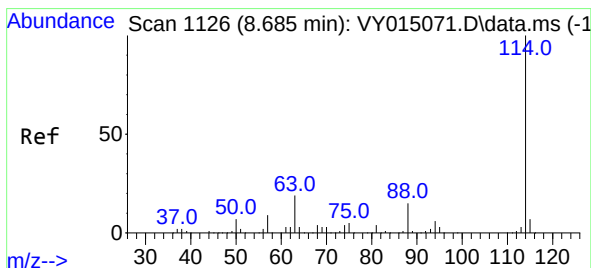
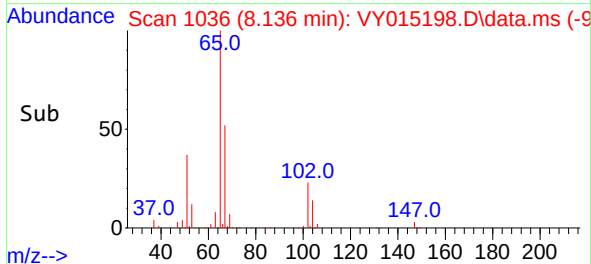
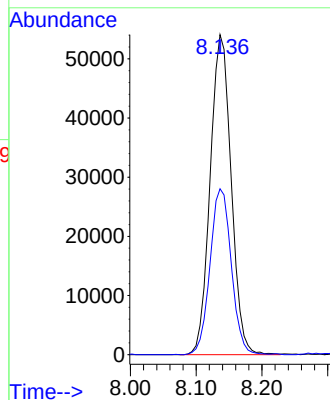
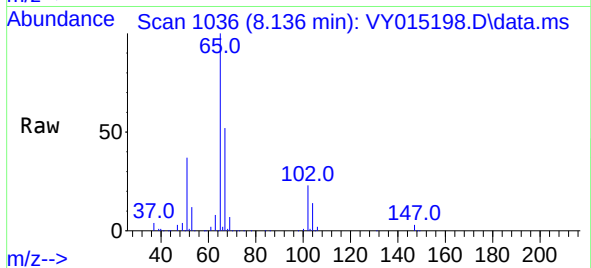
67 52.5 0.0 101.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

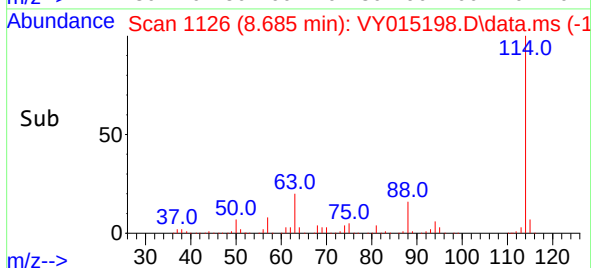
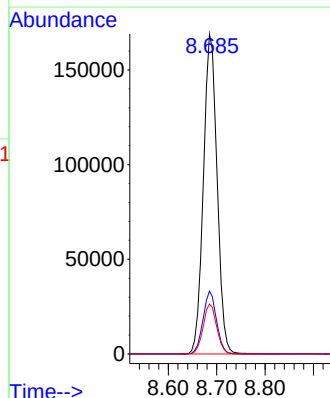
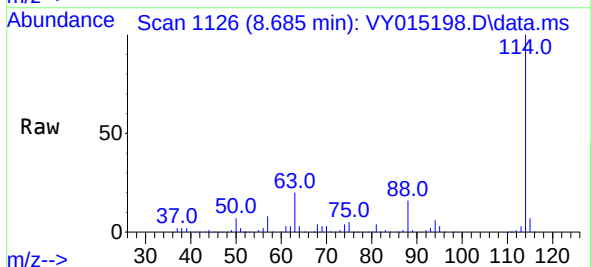
Tgt Ion:114 Resp: 332491

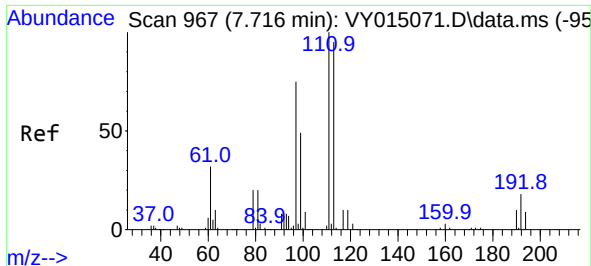
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

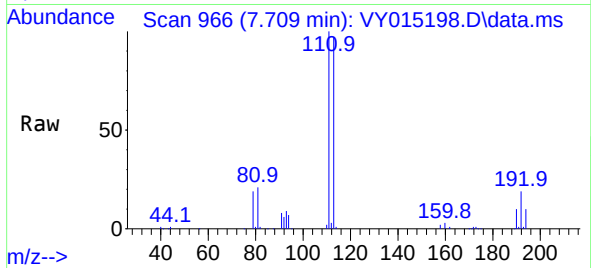
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.671 ug/l
RT: 7.709 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

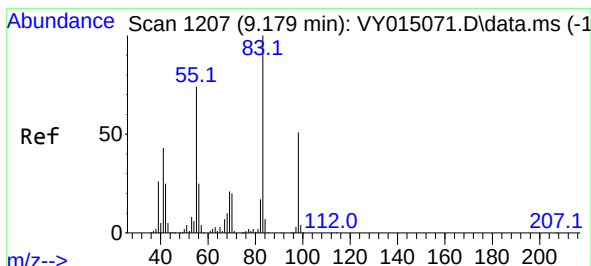
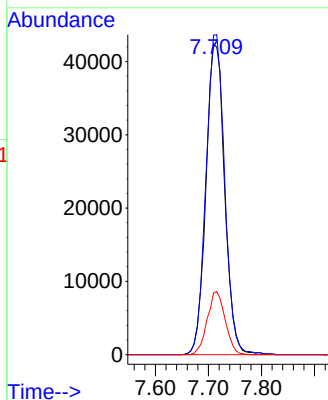
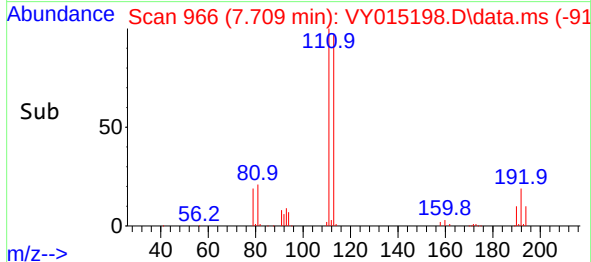
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B



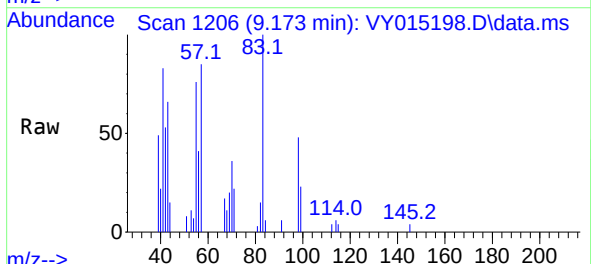
Tgt Ion: 113 Resp: 104108
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.5 16.9 25.3

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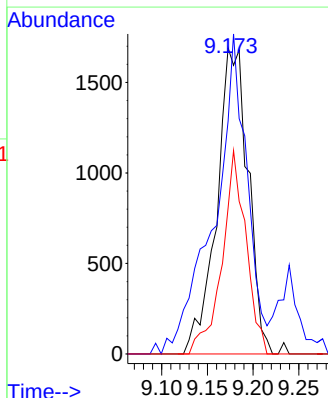
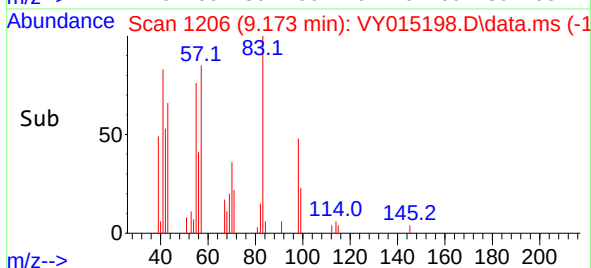
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

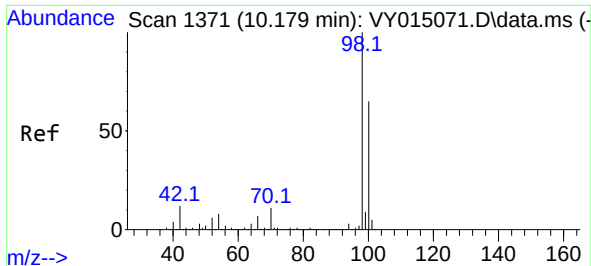


#39
Methylcyclohexane
Concen: 1.522 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12



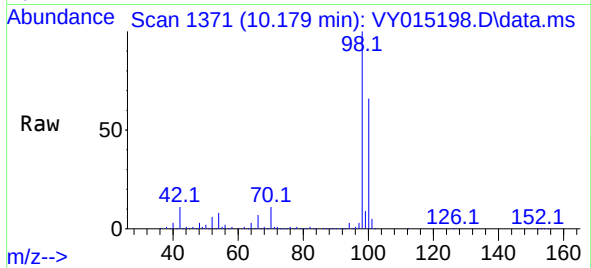
Tgt Ion: 83 Resp: 4038
Ion Ratio Lower Upper
83 100
55 68.1 63.0 94.4
98 47.8 37.4 56.2





#50
Toluene-d8
Concen: 48.067 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

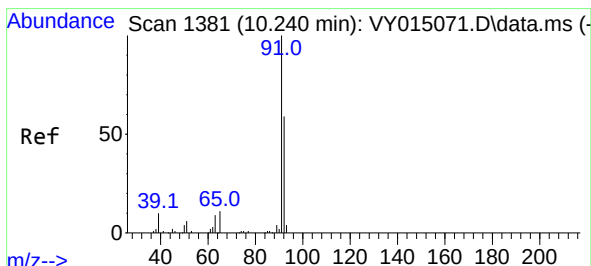
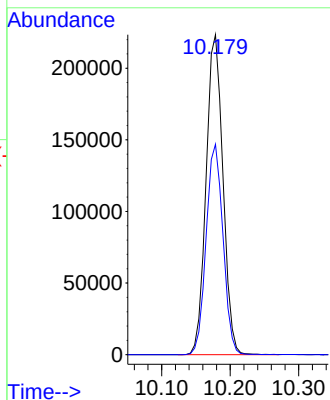
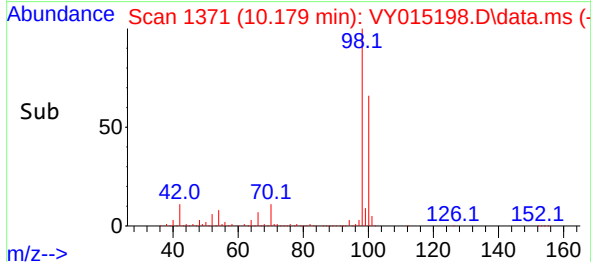
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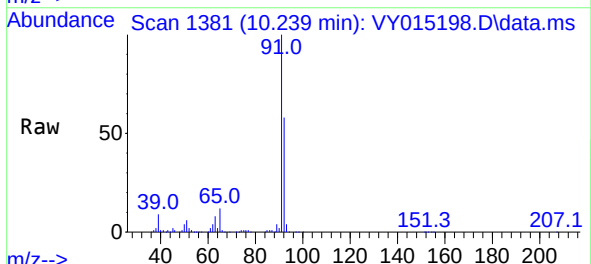
Tgt Ion: 98 Resp: 382745
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

Manual Integrations
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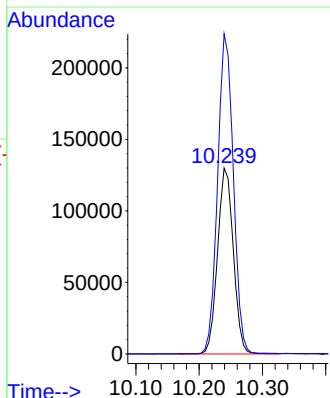
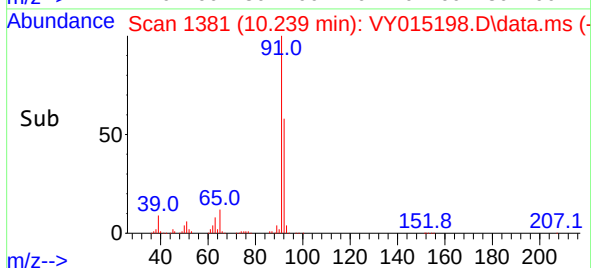
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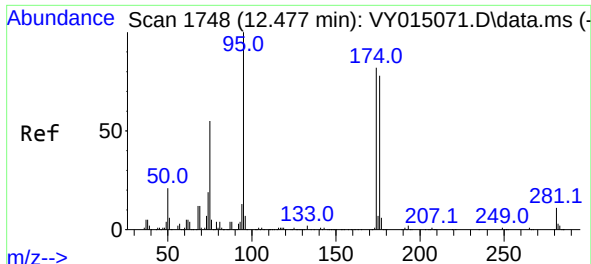


#52
Toluene
Concen: 47.582 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12



Tgt Ion: 92 Resp: 224382
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





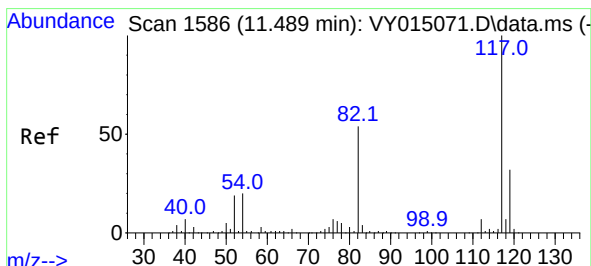
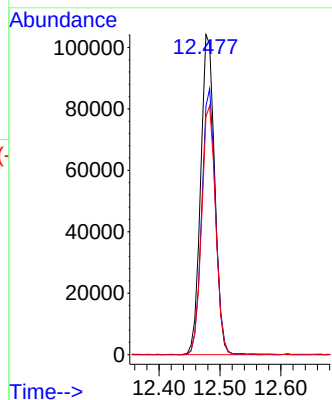
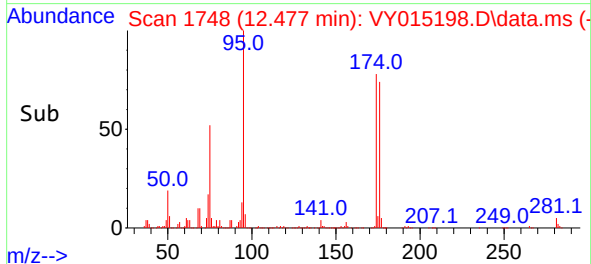
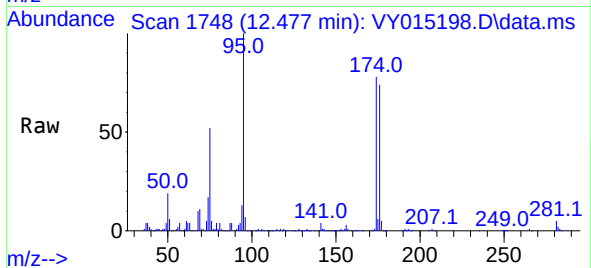
#62
4-Bromofluorobenzene
Concen: 57.301 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Instrument :
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ClientSampleId :
B-PP13B

Tgt Ion: 95 Resp: 16665
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 77.4 0.0 173.8

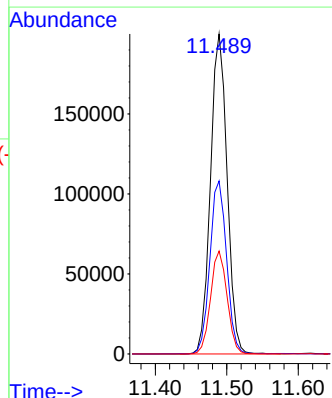
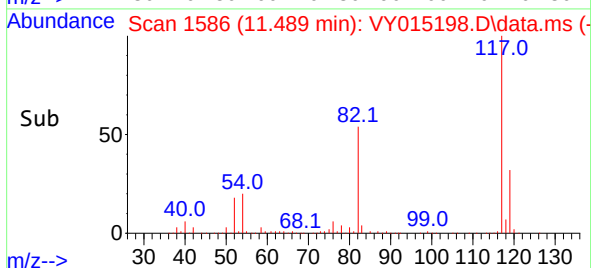
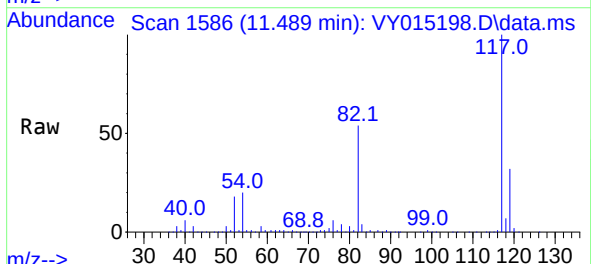
Manual Integrations
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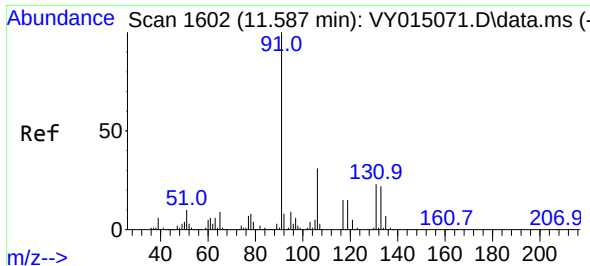
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

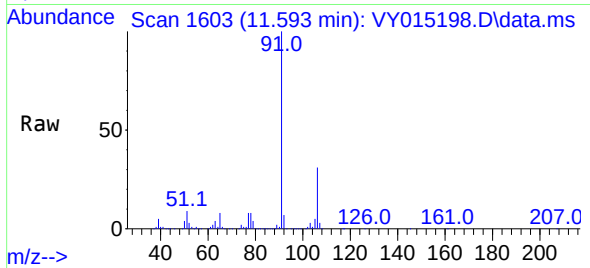
Tgt Ion:117 Resp: 322999
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.1 26.3 39.5





#67
Ethyl Benzene
Concen: 22.111 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

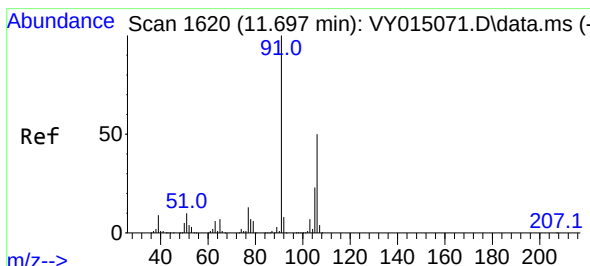
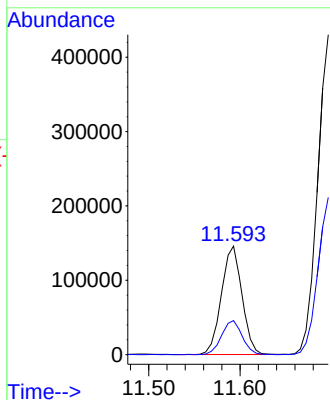
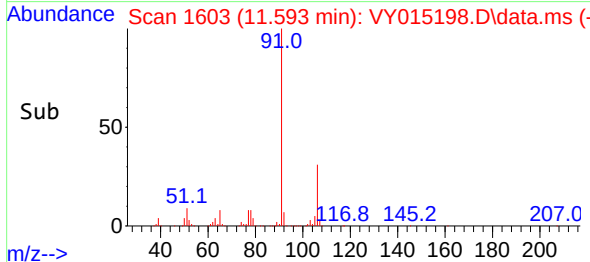
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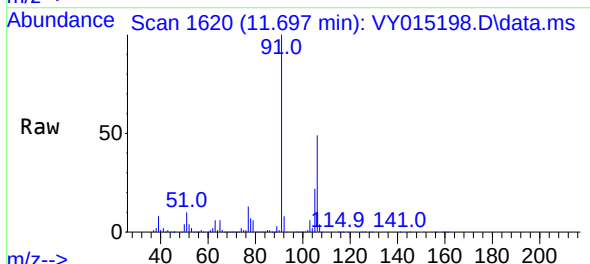
Tgt Ion: 91 Resp: 22798
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

Manual Integrations
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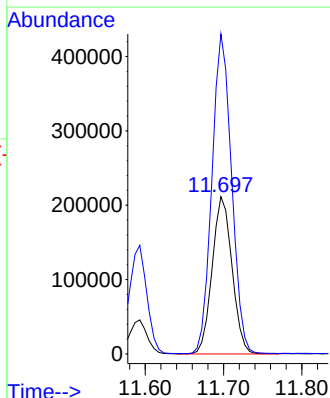
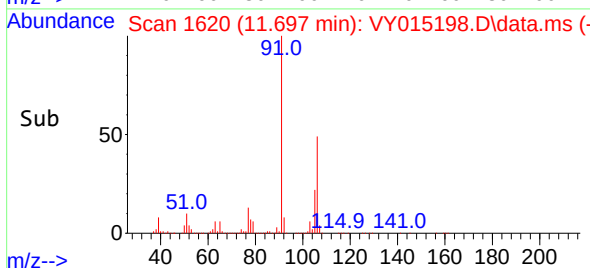
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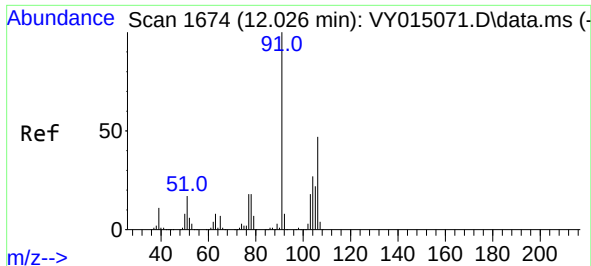


#68
m/p-Xylenes
Concen: 94.942 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12



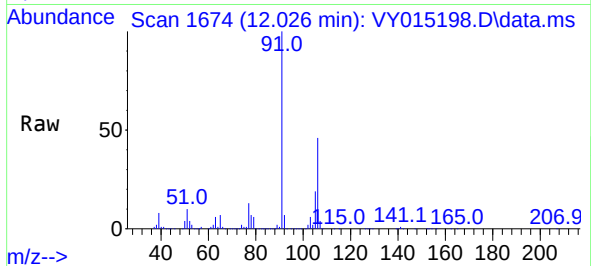
Tgt Ion:106 Resp: 371815
Ion Ratio Lower Upper
106 100
91 201.9 166.1 249.1





#69
o-Xylene
Concen: 40.430 ug/l
RT: 12.026 min Scan# 106
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

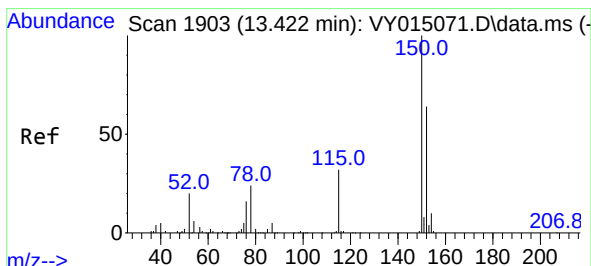
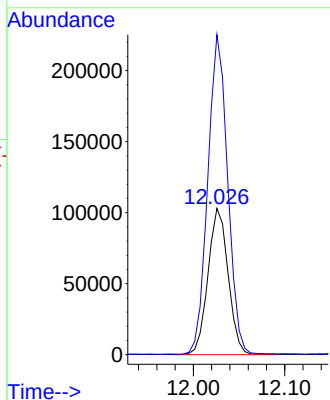
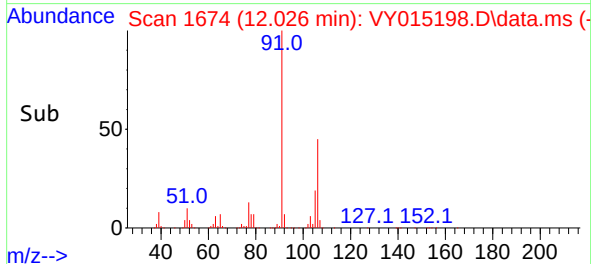
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B



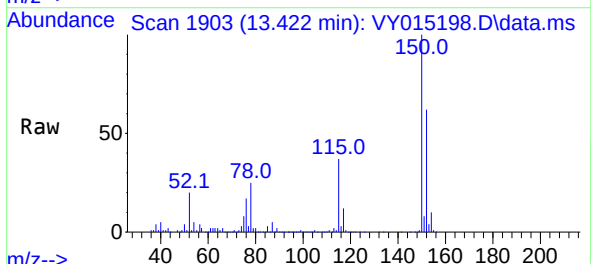
Tgt Ion:106 Resp: 157730
Ion Ratio Lower Upper
106 100
91 215.3 108.1 324.3

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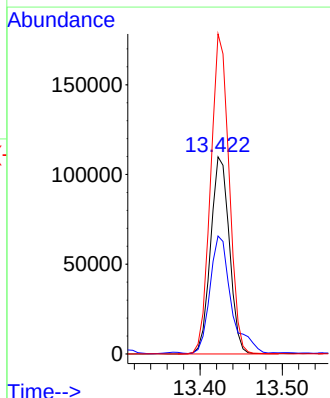
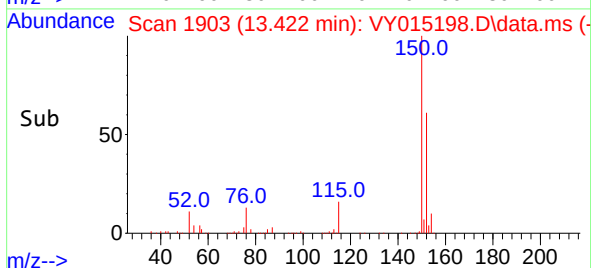
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

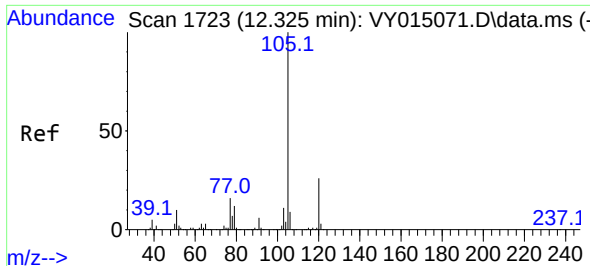


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12



Tgt Ion:152 Resp: 173826
Ion Ratio Lower Upper
152 100
115 67.4 28.8 86.5
150 160.0 0.0 348.8





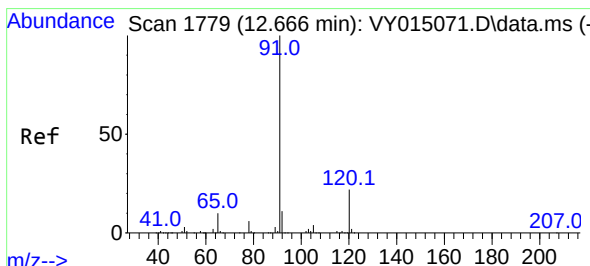
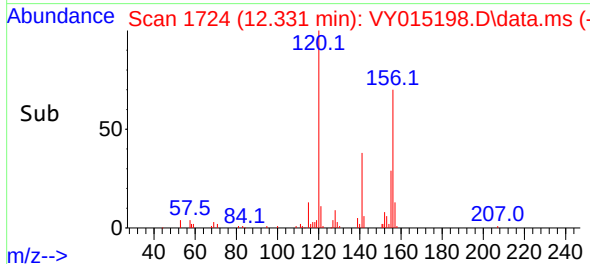
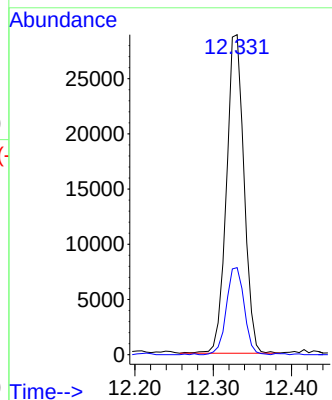
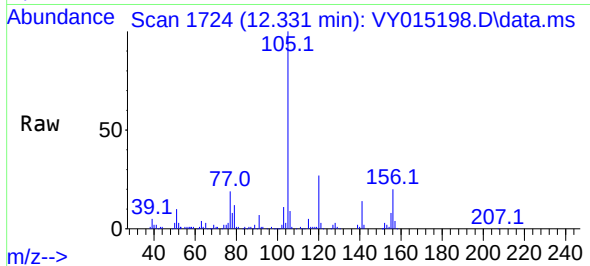
#73
Isopropylbenzene
Concen: 4.021 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B

Tgt Ion:105 Resp: 4494
Ion Ratio Lower Upper
105 100
120 27.7 13.3 39.9

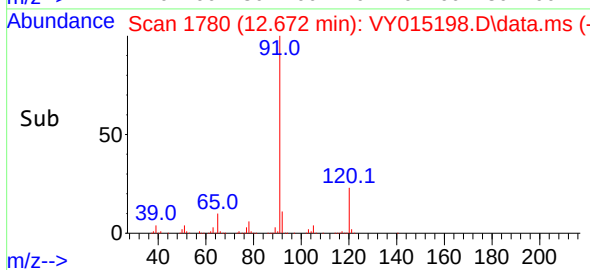
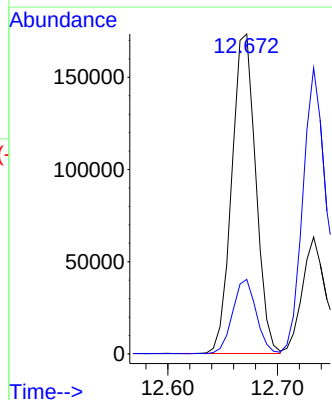
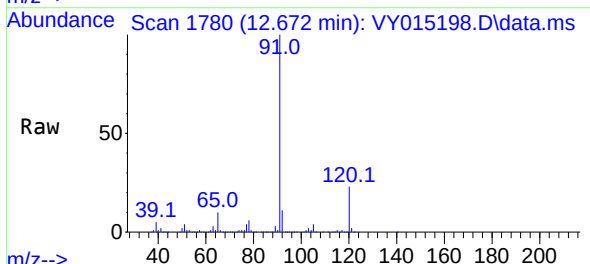
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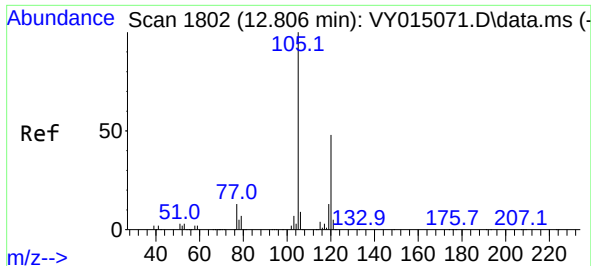
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#78
n-propylbenzene
Concen: 19.821 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 91 Resp: 263089
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





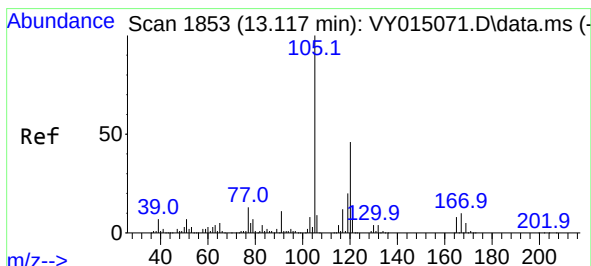
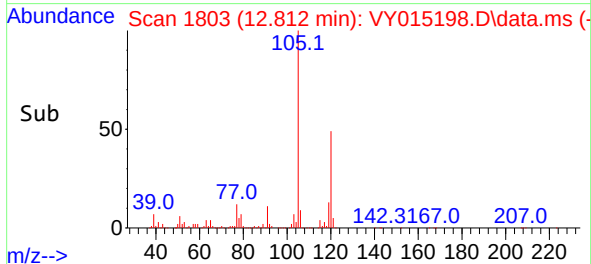
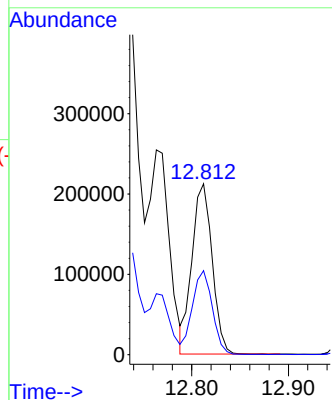
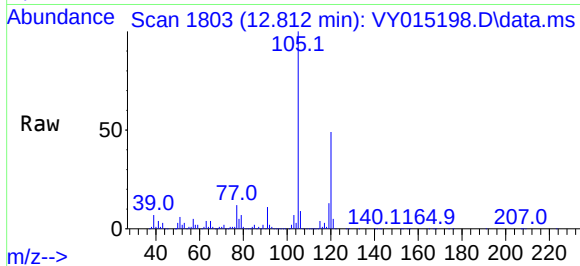
#80
1,3,5-Trimethylbenzene
Concen: 33.130 ug/l
RT: 12.812 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13B

Tgt Ion:105 Resp: 30868
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

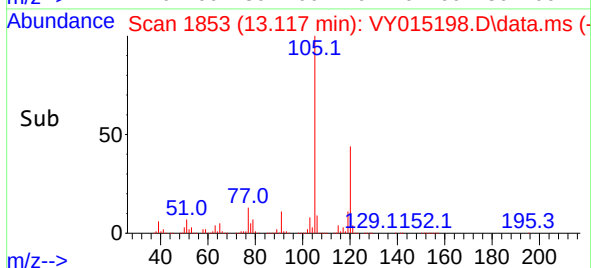
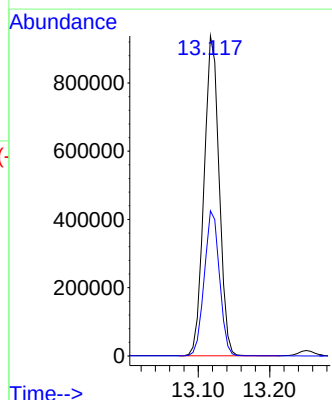
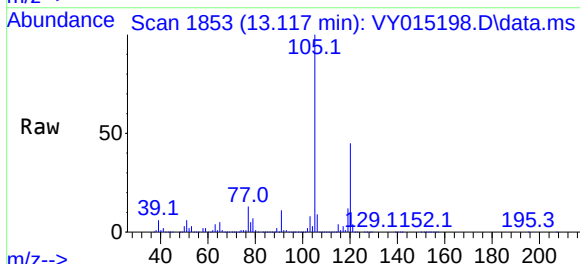
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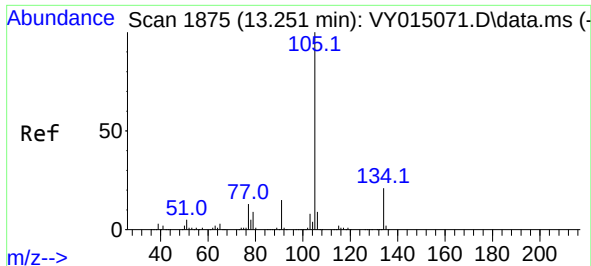
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 147.456 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion:105 Resp: 1372871
Ion Ratio Lower Upper
105 100
120 45.6 22.2 66.6





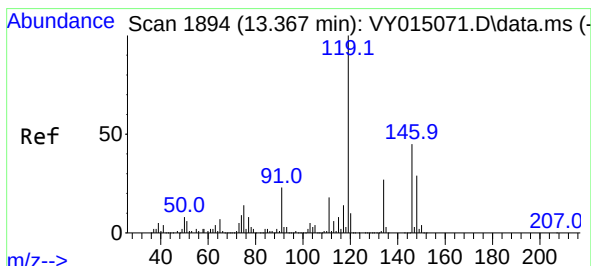
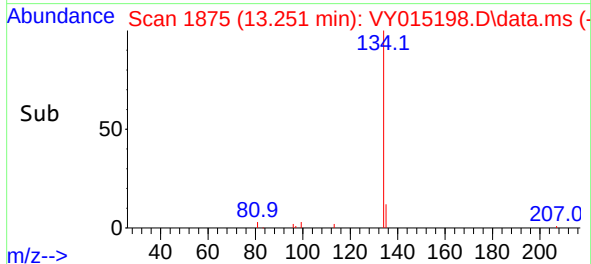
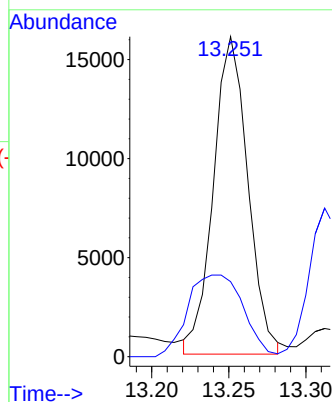
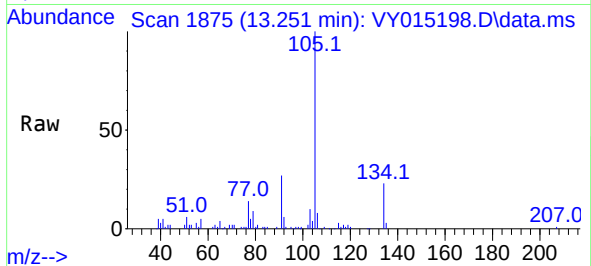
#85
 sec-Butylbenzene
 Concen: 1.990 ug/l m
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY015198.D
 Acq: 18 Aug 2023 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP13B

Tgt Ion:105 Resp: 2484
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6

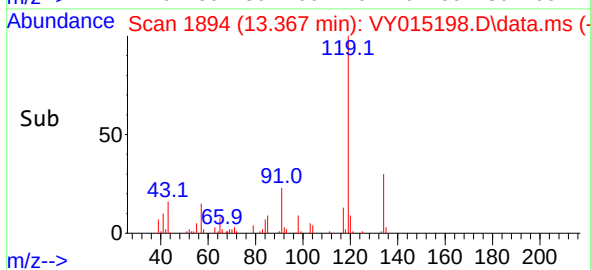
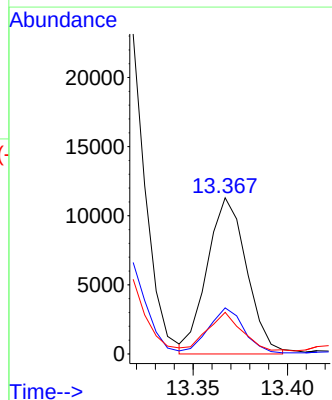
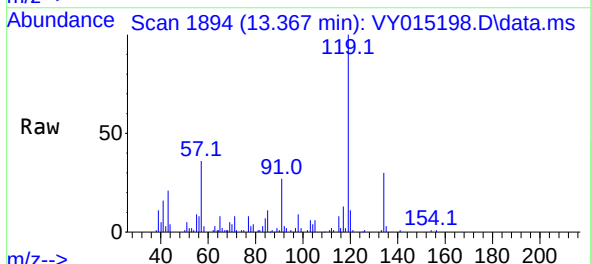
Manual Integrations
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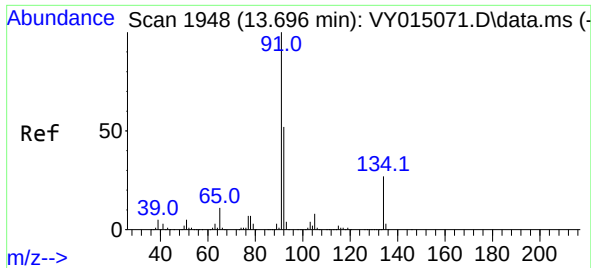
Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023



#86
 p-Isopropyltoluene
 Concen: 1.591 ug/l m
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015198.D
 Acq: 18 Aug 2023 16:12

Tgt Ion:119 Resp: 16474
 Ion Ratio Lower Upper
 119 100
 134 68.0 13.3 39.8#
 91 56.5 12.4 37.4#





#89

n-Butylbenzene

Concen: 6.973 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.006 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

B-PP13B

Tgt Ion: 91	Resp: 68070
Ion Ratio	Lower Upper
91	100
92	63.5 25.4 76.0
134	0.0 12.6 37.6

Manual Integrations

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

