

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015088.D
 Acq On : 14 Aug 2023 18:46
 Operator : SY/MD
 Sample : 03989-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP24A

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/15/2023
 Supervised By :Semsettin Yesilyurt 08/15/2023

Quant Time: Aug 15 02:23:55 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	61441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	101363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	97251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36862	49.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.960%		
35) Dibromofluoromethane	7.710	113	32512	49.857	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.720%		
50) Toluene-d8	10.173	98	122071	50.287	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.580%		
62) 4-Bromofluorobenzene	12.477	95	44455	50.139	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.280%		
Target Compounds						
16) Acetone	3.942	43	11046	45.845	ug/l	99
17) Carbon Disulfide	4.186	76	1538	2.044	ug/l #	94
20) Methylene Chloride	4.704	84	4065	2.973	ug/l	84
25) 2-Butanone	6.984	43	3312	9.708	ug/l	100
84) 1,2,4-Trimethylbenzene	13.111	105	3275	1.275	ug/l	99
86) p-Isopropyltoluene	13.367	119	12307m	4.308	ug/l	
89) n-Butylbenzene	13.690	91	5143	1.909	ug/l #	83

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

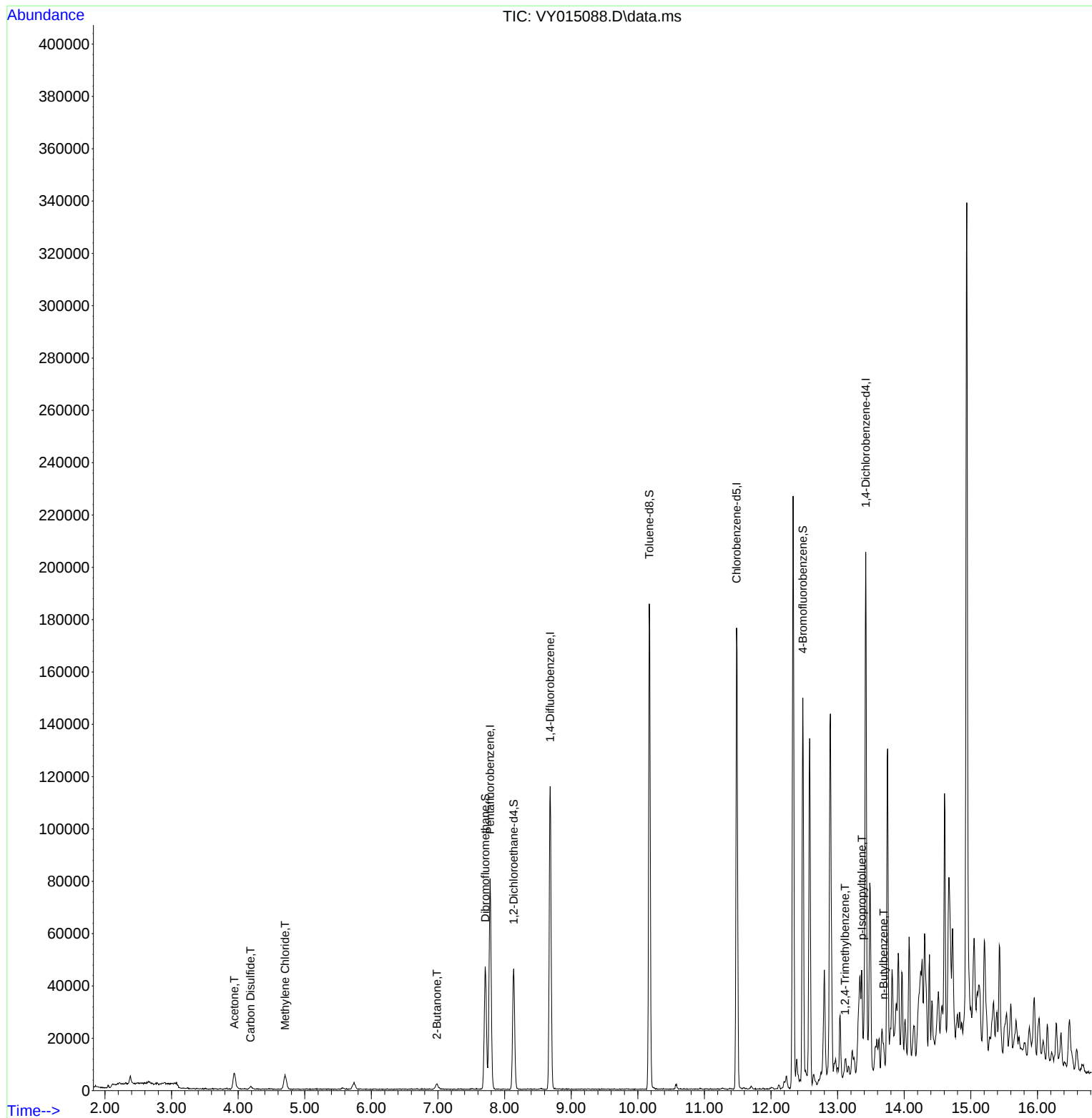
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015088.D
Acq On : 14 Aug 2023 18:46
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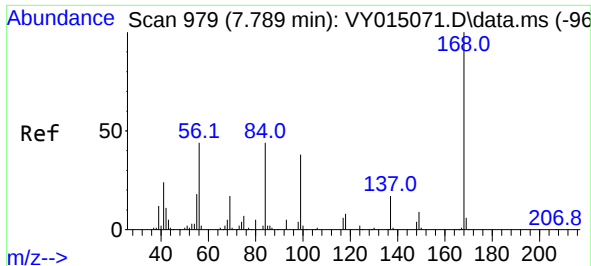
Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Quant Time: Aug 15 02:23:55 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

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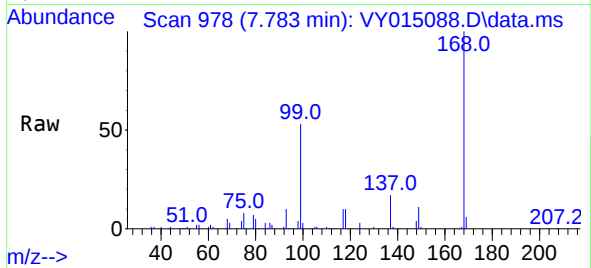
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

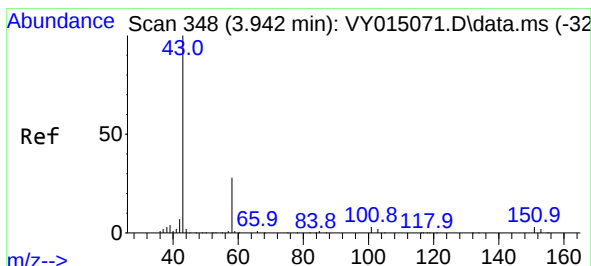
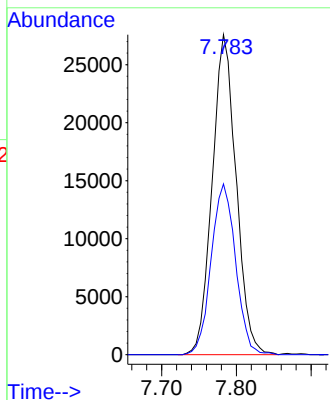
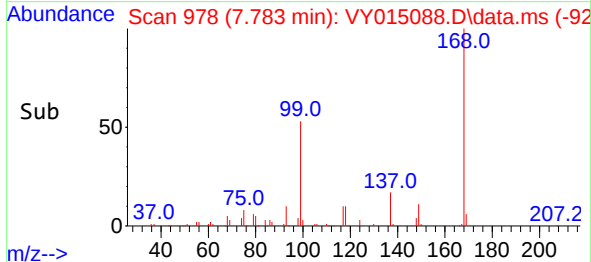
Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A



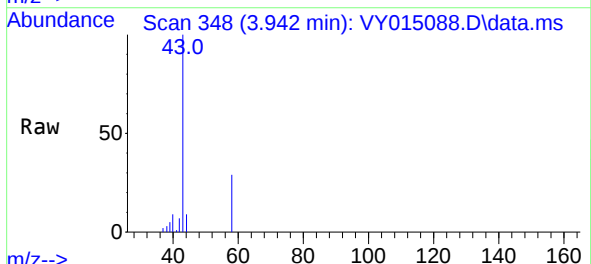
Tgt Ion:168 Resp: 6144
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0

Manual Integrations
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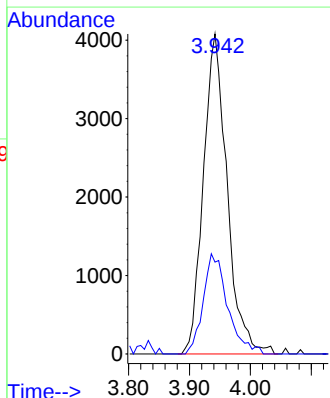
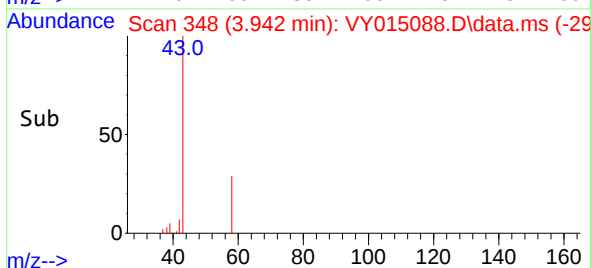
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023

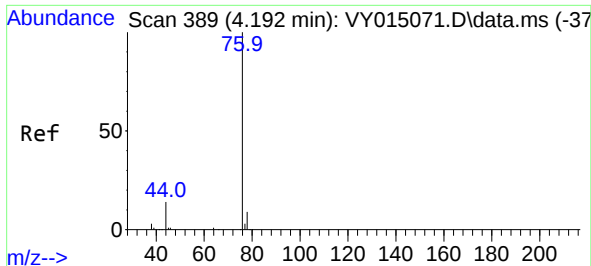


#16
Acetone
Concen: 45.845 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46



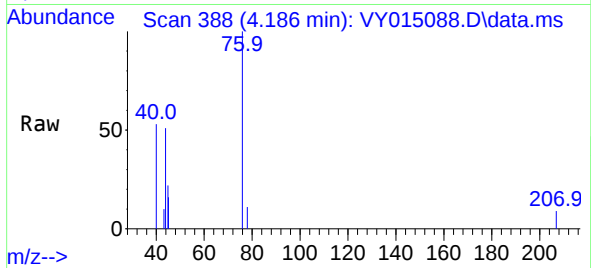
Tgt Ion: 43 Resp: 11046
Ion Ratio Lower Upper
43 100
58 28.7 22.7 34.1





#17
Carbon Disulfide
Concen: 2.044 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

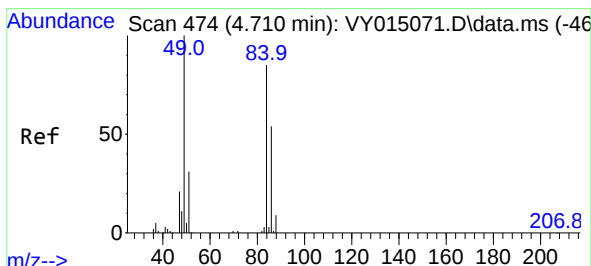
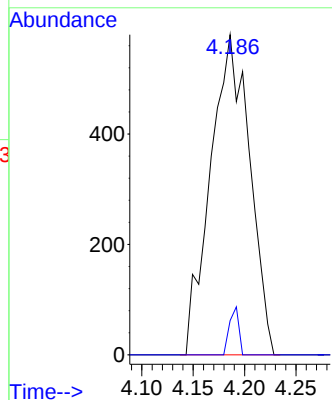
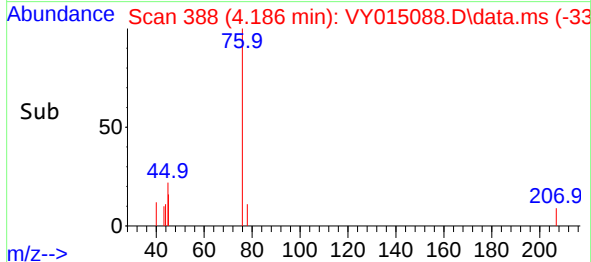
Instrument : MSVOA_Y
ClientSampleId : B-PP24A



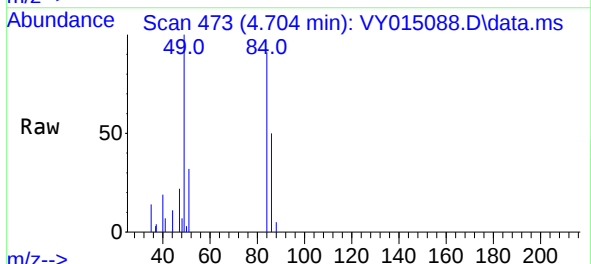
Tgt Ion: 76 Resp: 1538
Ion Ratio Lower Upper
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78 10.7 7.0 10.4

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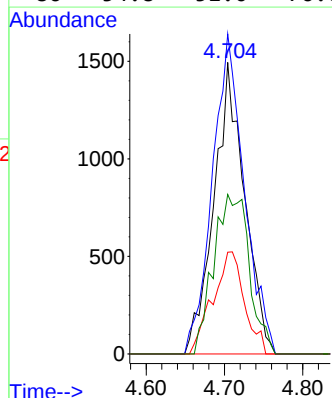
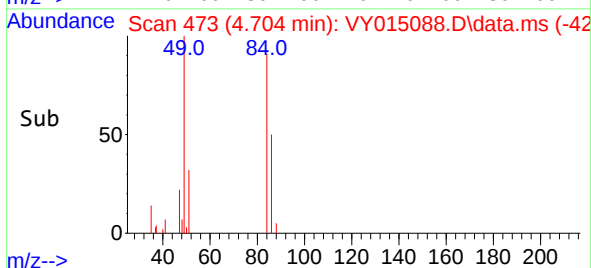
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023

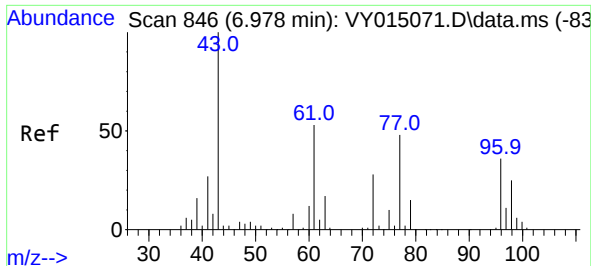


#20
Methylene Chloride
Concen: 2.973 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46



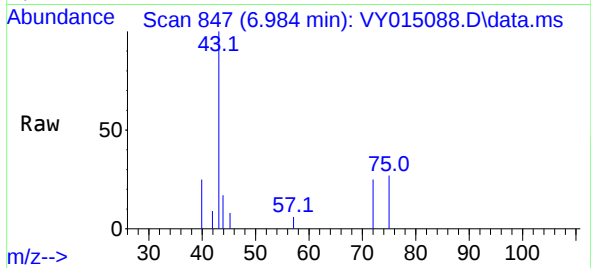
Tgt Ion: 84 Resp: 4065
Ion Ratio Lower Upper
84 100
49 109.8 106.9 160.3
51 34.9 33.2 49.8
86 54.8 51.0 76.6





#25
2-Butanone
Concen: 9.708 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

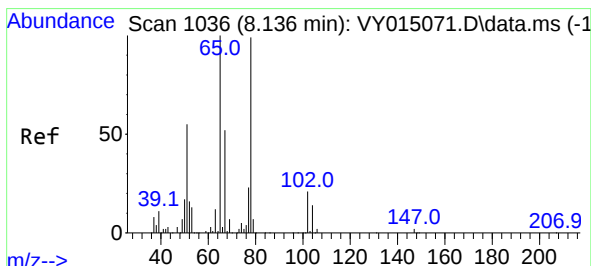
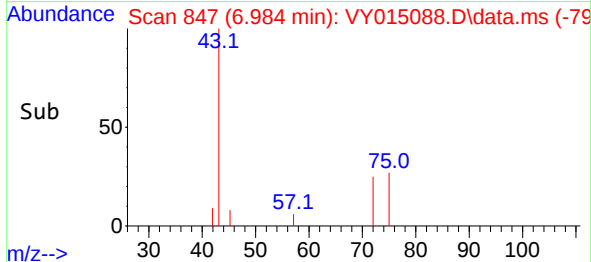
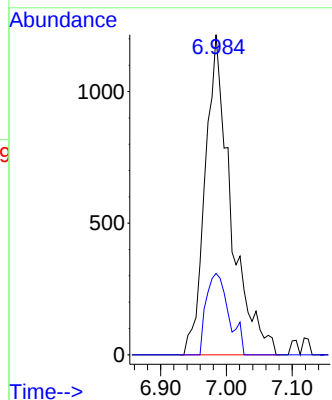
Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A



Tgt Ion: 43 Resp: 3312
Ion Ratio Lower Upper
43 100
72 25.4 20.5 30.7

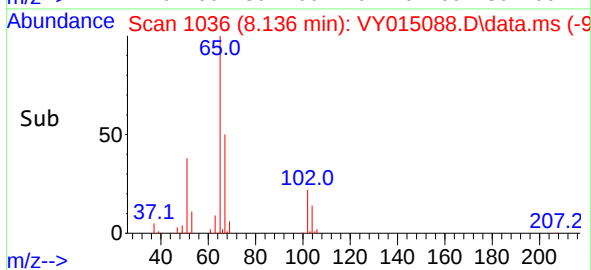
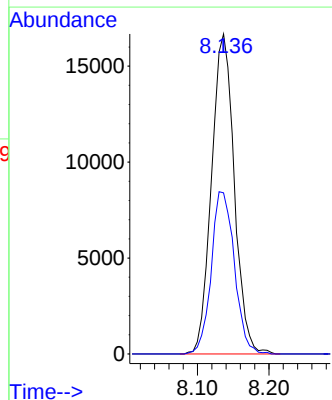
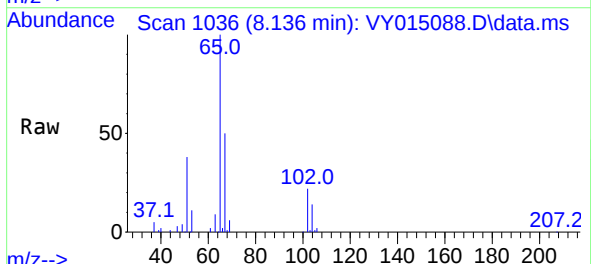
Manual Integrations
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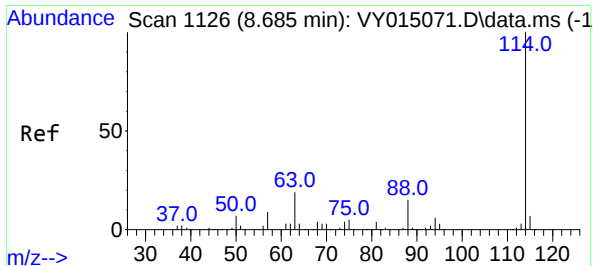
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023



#33
1,2-Dichloroethane-d4
Concen: 49.980 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

Tgt Ion: 65 Resp: 36862
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015088.D

Acq: 14 Aug 2023 18:46

Instrument :

MSVOA_Y

ClientSampleId :

B-PP24A

Tgt Ion:114 Resp: 10136

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

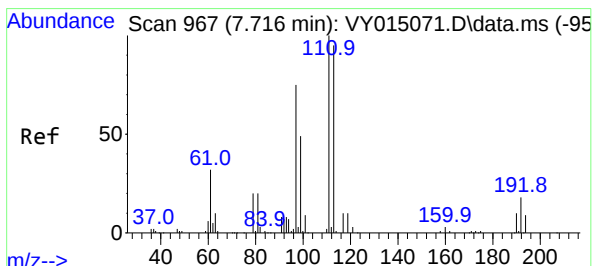
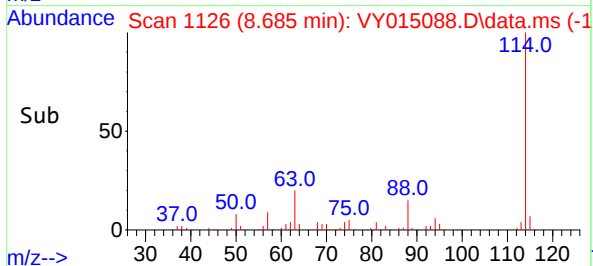
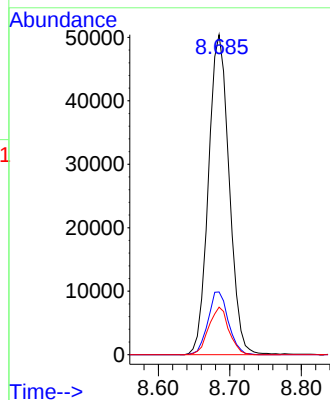
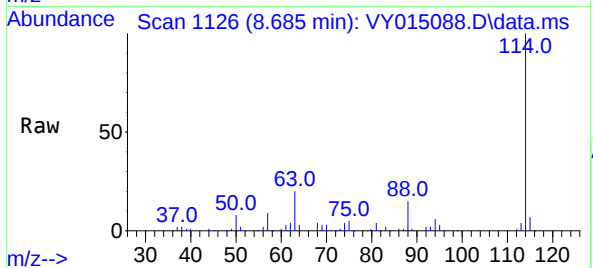
88 14.9 0.0 30.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/15/2023

Supervised By :Semsettin Yesilyurt 08/15/2023



#35

Dibromofluoromethane

Concen: 49.857 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015088.D

Acq: 14 Aug 2023 18:46

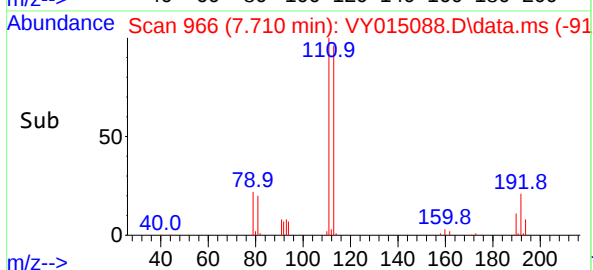
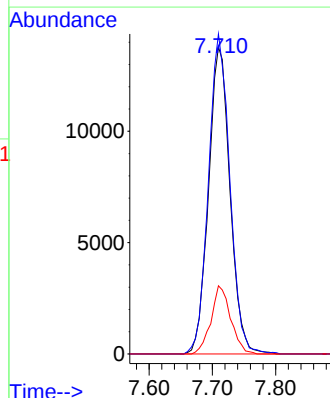
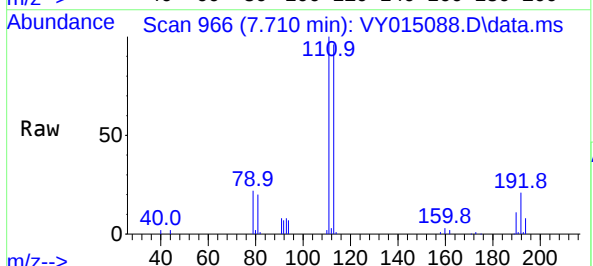
Tgt Ion:113 Resp: 32512

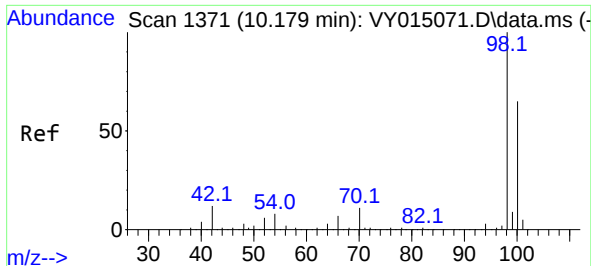
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 20.4 16.9 25.3





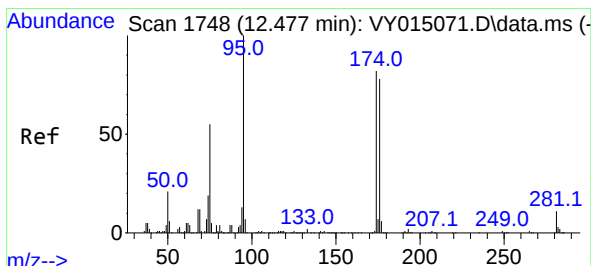
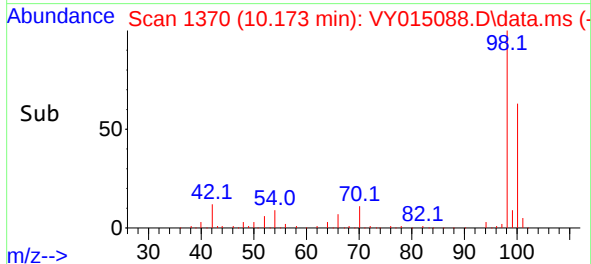
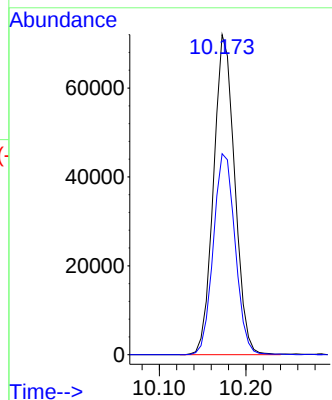
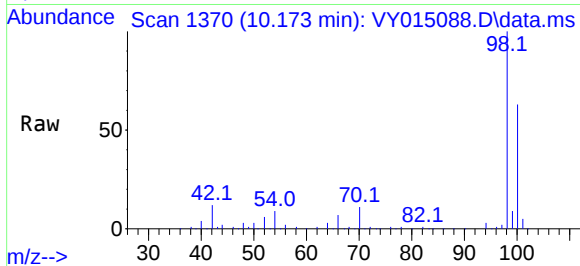
#50
Toluene-d8
Concen: 50.287 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Tgt Ion: 98 Resp: 12207
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

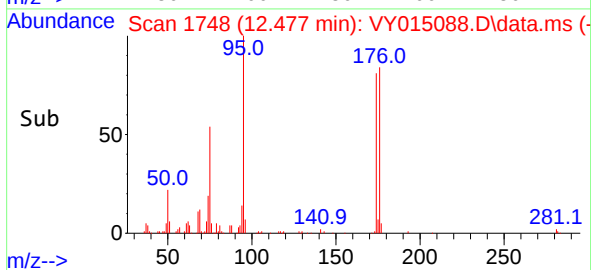
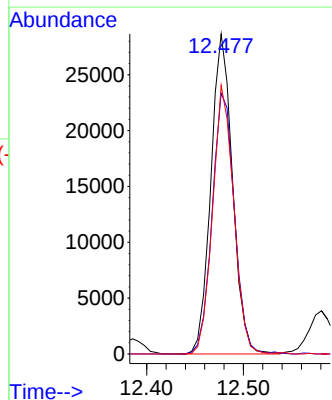
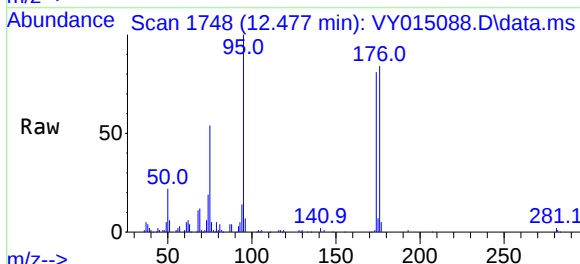
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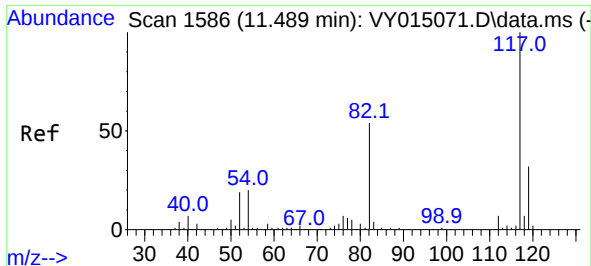
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023



#62
4-Bromofluorobenzene
Concen: 50.139 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

Tgt Ion: 95 Resp: 44455
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.9 0.0 173.8





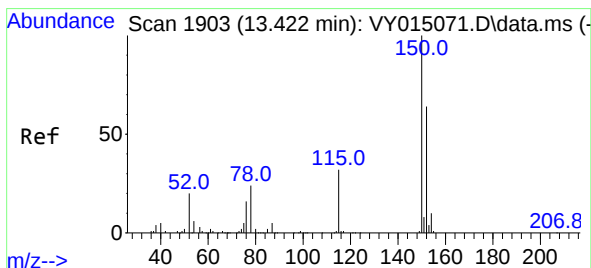
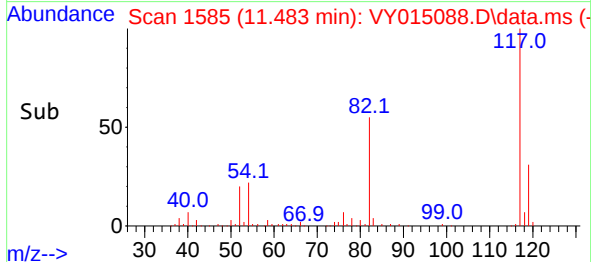
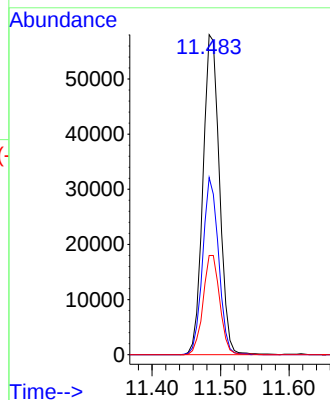
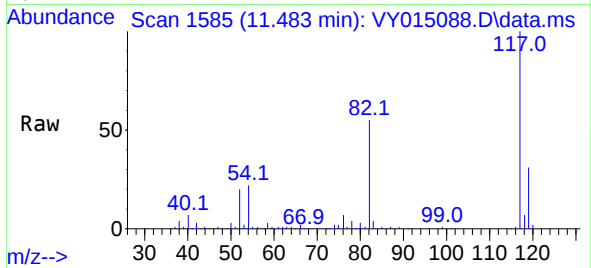
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Tgt Ion:117 Resp: 9725
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.0 26.3 39.5

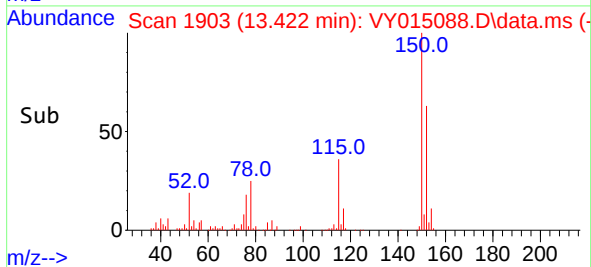
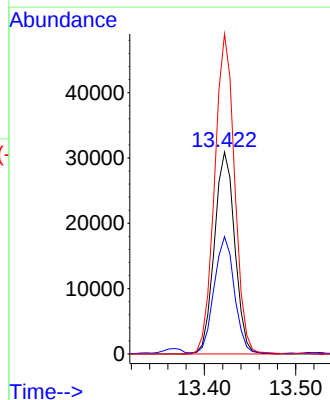
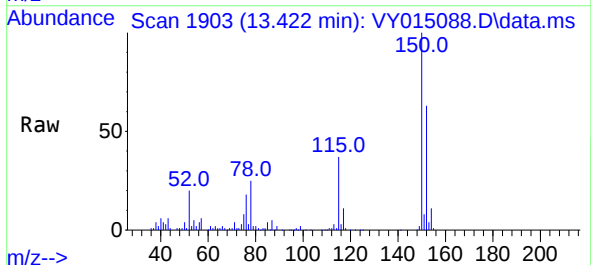
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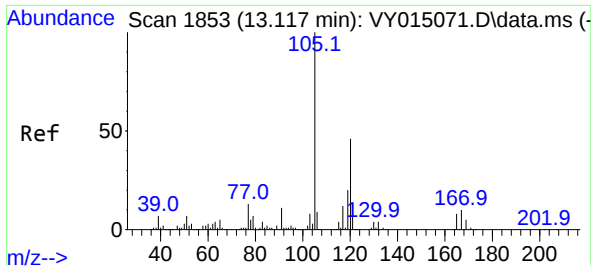
Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

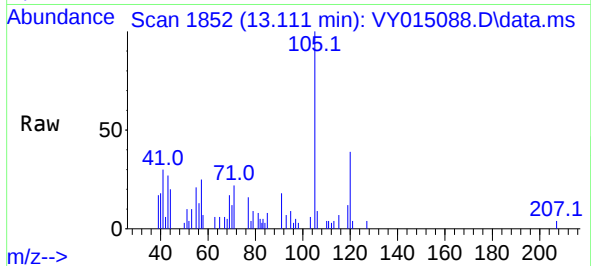
Tgt Ion:152 Resp: 47969
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 155.7 0.0 348.8





#84
1,2,4-Trimethylbenzene
Concen: 1.275 ug/l
RT: 13.111 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

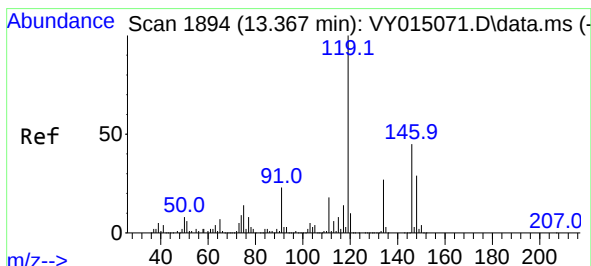
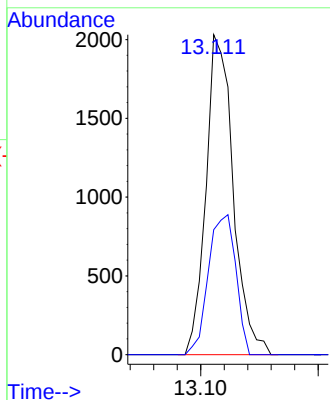
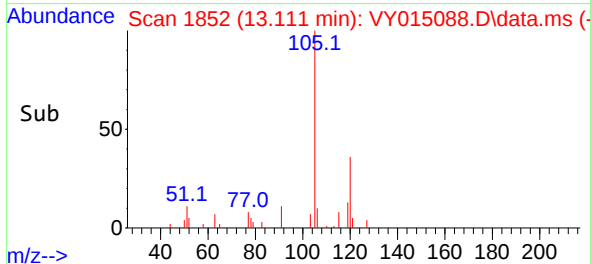
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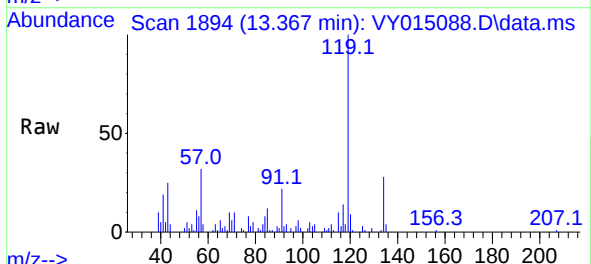
Tgt Ion:105 Resp: 3275
Ion Ratio Lower Upper
105 100
120 43.9 22.2 66.6

Manual Integrations
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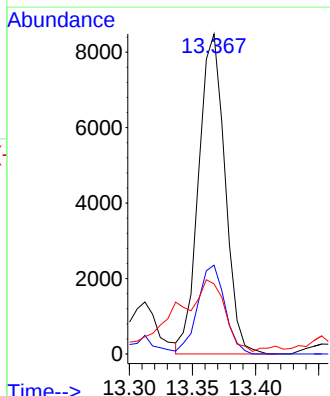
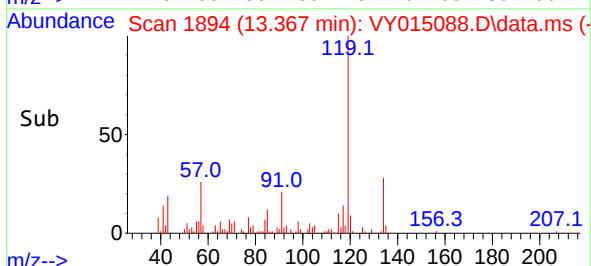
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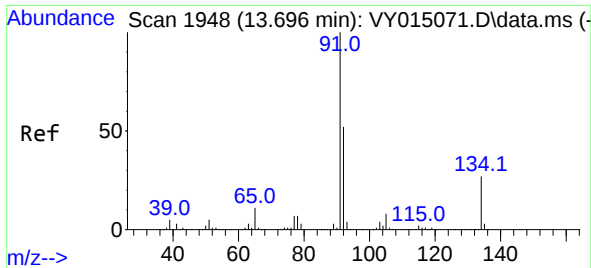


#86
p-Isopropyltoluene
Concen: 4.308 ug/l m
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46



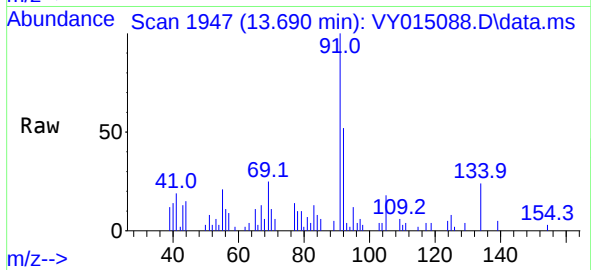
Tgt Ion:119 Resp: 12307
Ion Ratio Lower Upper
119 100
134 3.2 13.3 39.8#
91 1.6 12.4 37.4#





#89
n-Butylbenzene
Concen: 1.909 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY015088.D
Acq: 14 Aug 2023 18:46

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A



Tgt Ion: 91 Resp: 514

Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.4	76.0
134	0.0	12.6	37.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/15/2023
Supervised By :Semsettin Yesilyurt 08/15/2023

