

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077202.D
 Acq On : 22 Sep 2023 16:31
 Operator : JC/SY
 Sample : 04527-11
 Misc : 5.42G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYY8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 23:44:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 23:41:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	240890	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	270383	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129195	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	101374	17.079	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.320%		
7) Chloroethane-d5	2.799	69	78049	15.990	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.960%		
11) 1,1-Dichloroethene-d2	3.917	65	25525	18.931	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.720%		
21) 2-Butanone-d5	6.987	46	38805	51.895	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.780%		
24) Chloroform-d	7.563	84	40872	6.201	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	24.800%#		
26) 1,2-Dichloroethane-d4	8.228	65	81022	25.934	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.720%		
32) Benzene-d6	8.199	84	275932	18.477	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.920%		
36) 1,2-Dichloropropane-d6	9.205	67	96813	22.606	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.440%		
41) Toluene-d8	10.269	98	253679	18.557	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.240%		
43) trans-1,3-Dichloroprop...	10.528	79	39136	20.056	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.240%		
47) 2-Hexanone-d5	10.875	63	25840	37.778	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.560%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	2244	0.588	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	2.360%#		
66) 1,2-Dichlorobenzene-d4	13.810	152	86757	20.921	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.680%		
Target Compounds						Qvalue
13) Acetone	4.017	43	16164	15.069	ug/L	83
15) Methyl Acetate	4.564	43	4799	3.345	ug/L #	93
16) Methylene chloride	4.799	84	9424	1.922	ug/L	87
22) 2-Butanone	7.093	43	6589m	5.092	ug/L	
25) Chloroform	7.593	83	105971	15.981	ug/L	94
34) Trichloroethene	9.028	95	7427	1.724	ug/L	94
35) Methylcyclohexane	9.269	83	6026	0.907	ug/L	88
42) Toluene	10.334	91	5835	0.332	ug/L	94
52) Ethylbenzene	11.681	91	536780	28.194	ug/L	98
53) m,p-Xylene	11.787	106	1173684	159.649	ug/L	97
54) o-Xylene	12.122	106	462086	65.116	ug/L	98
60) Isopropylbenzene	12.422	105	10704	0.643	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.904	105	10467	0.813	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	31688	2.511	ug/L	99

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

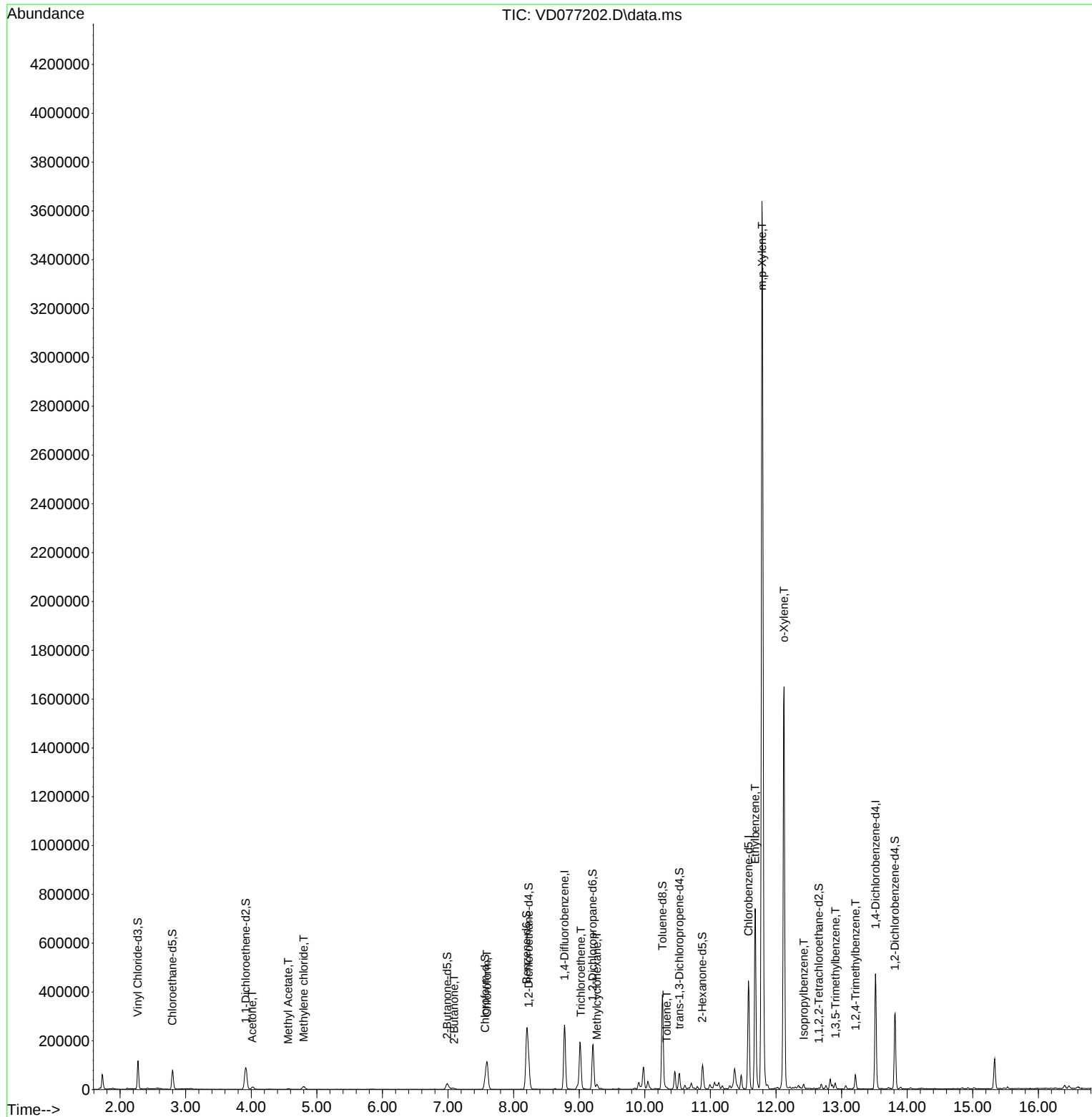
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077202.D
Acq On : 22 Sep 2023 16:31
Operator : JC/SY
Sample : 04527-11
Misc : 5.42G/10.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

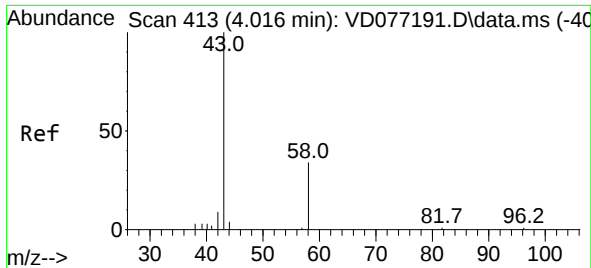
Instrument :
MSVOA_D
ClientSampleId :
EZY8

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023

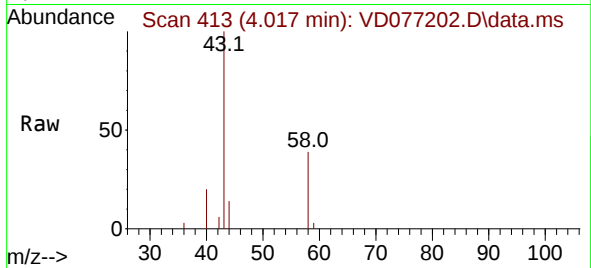
Quant Time: Sep 22 23:44:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 23:41:10 2023
Response via : Initial Calibration





#13
Acetone
Concen: 15.069 ug/L
RT: 4.017 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

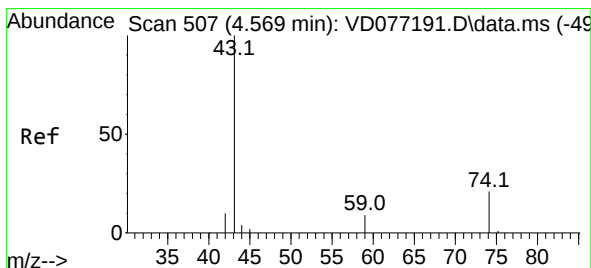
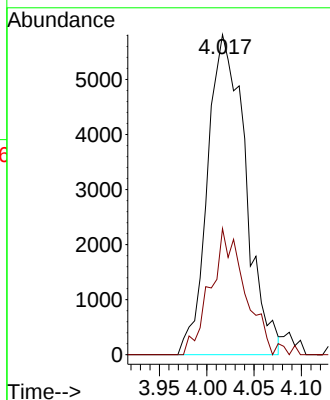
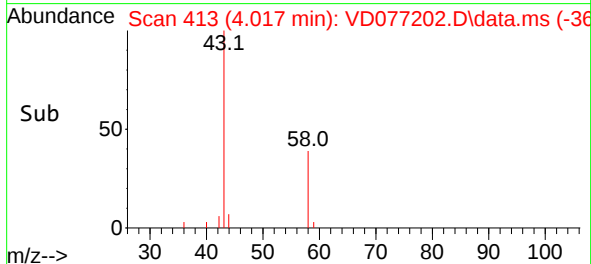
Instrument :
MSVOA_D
ClientSampleId :
EZY8



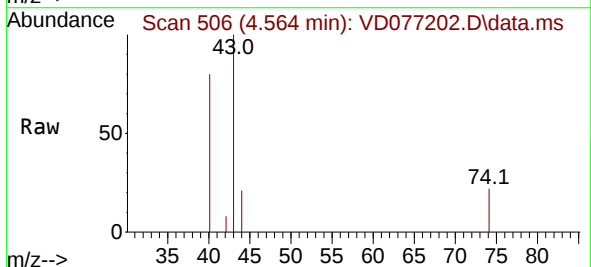
Tgt Ion: 43 Resp: 16164
Ion Ratio Lower Upper
43 100
58 25.7 0.0 71.8

Manual Integrations
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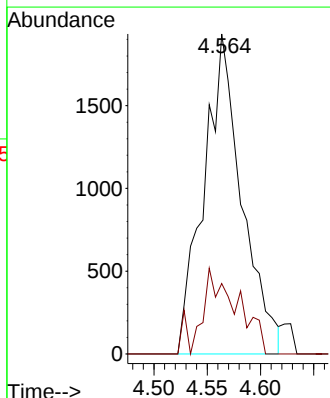
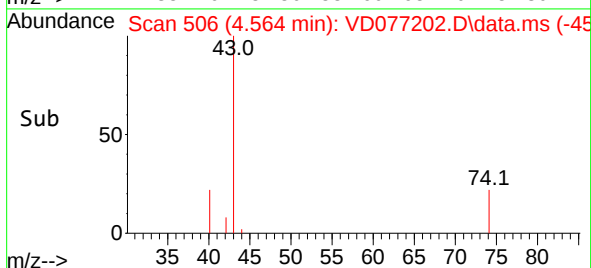
Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023

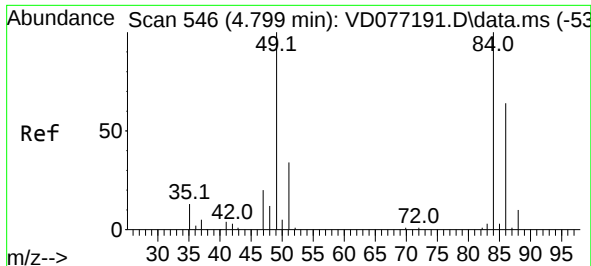


#15
Methyl Acetate
Concen: 3.345 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31



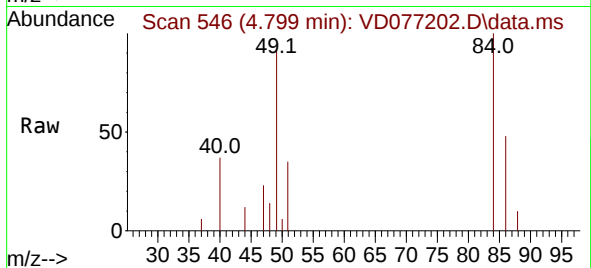
Tgt Ion: 43 Resp: 4799
Ion Ratio Lower Upper
43 100
74 8.9 0.2 0.2#





#16
Methylene chloride
Concen: 1.922 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

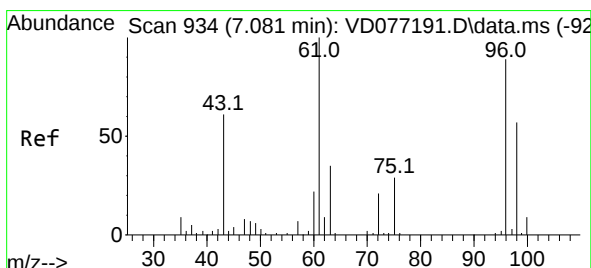
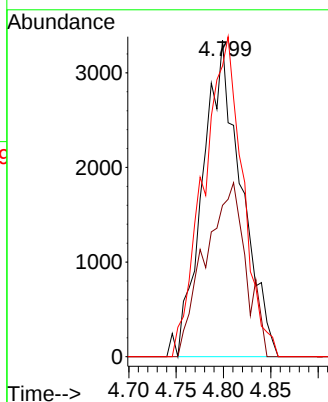
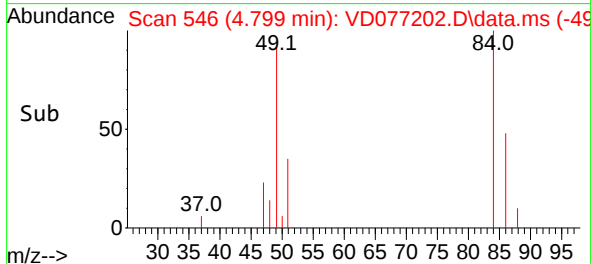
Instrument :
MSVOA_D
ClientSampleId :
EZY8



Tgt Ion: 84 Resp: 9424
Ion Ratio Lower Upper
84 100
86 47.8 45.3 84.1
49 91.8 69.2 128.6

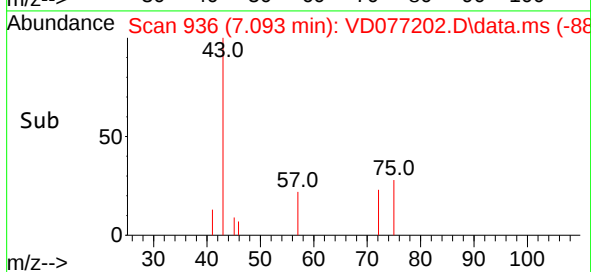
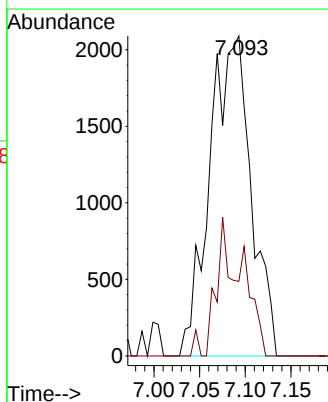
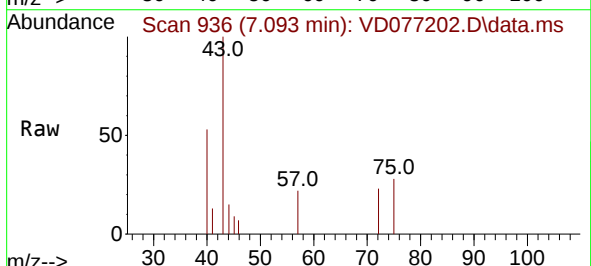
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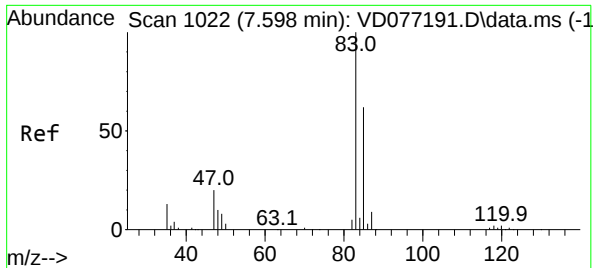
Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023



#22
2-Butanone
Concen: 5.092 ug/L m
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

Tgt Ion: 43 Resp: 6589
Ion Ratio Lower Upper
43 100
72 8.9 16.0 48.0#





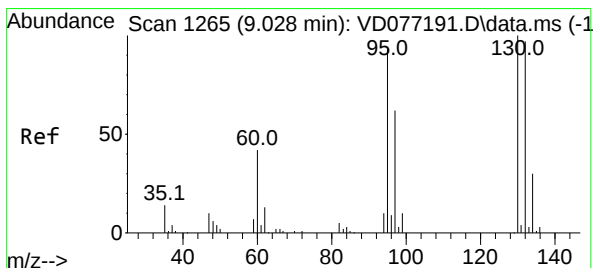
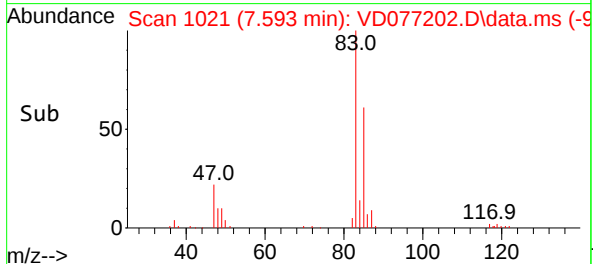
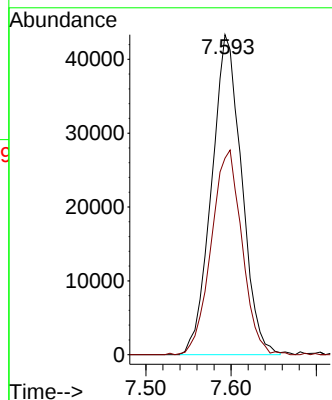
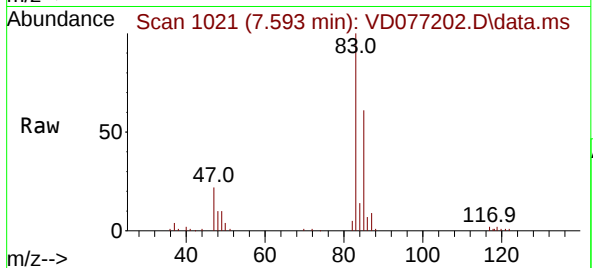
#25
Chloroform
Concen: 15.981 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :
EZY8

Tgt Ion: 83 Resp: 10597
Ion Ratio Lower Upper
83 100
85 61.4 46.2 85.8

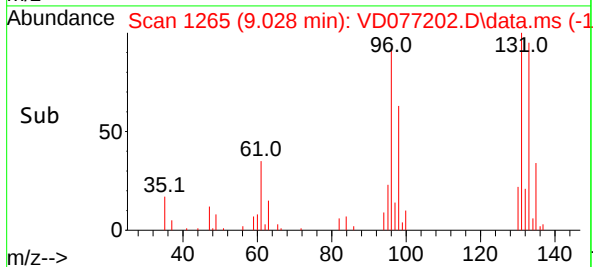
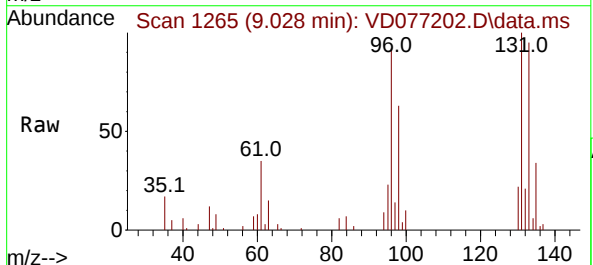
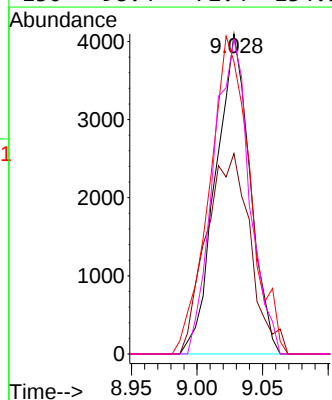
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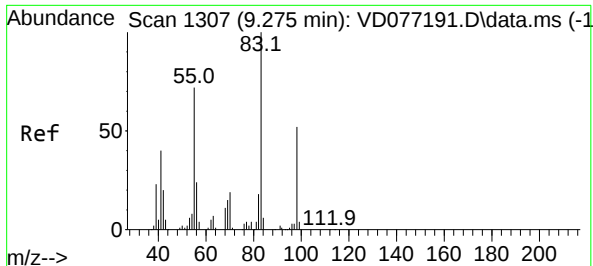
Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023



#34
Trichloroethene
Concen: 1.724 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

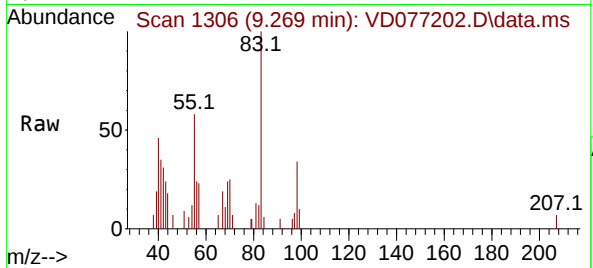
Tgt Ion: 95 Resp: 7427
Ion Ratio Lower Upper
95 100
97 62.7 46.4 86.2
132 91.3 70.1 130.1
130 98.4 72.4 134.5





#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

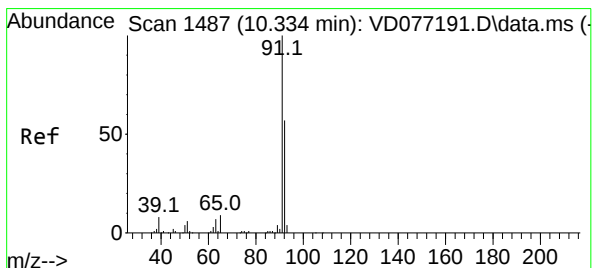
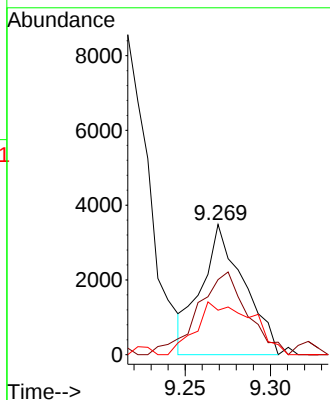
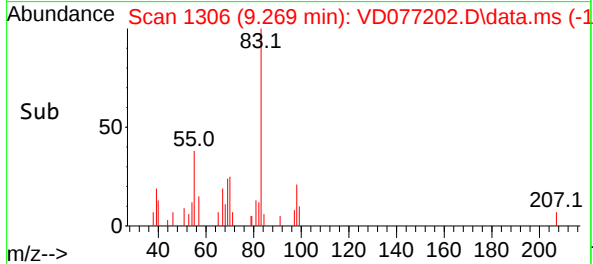
Instrument :
MSVOA_D
ClientSampleId :
EZY8



Tgt Ion: 83 Resp: 6020
Ion Ratio Lower Upper
83 100
55 74.2 51.5 77.3
98 43.6 40.7 61.1

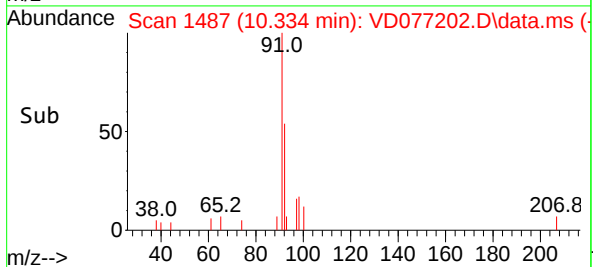
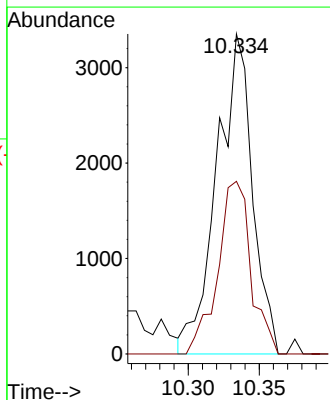
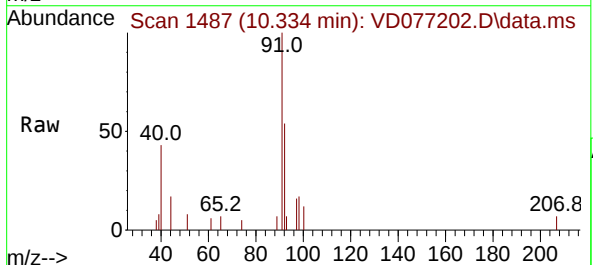
Manual Integrations
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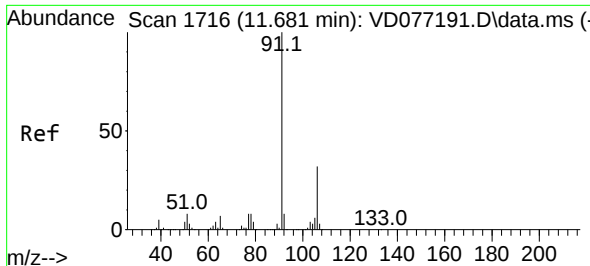
Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023



#42
Toluene
Concen: 0.332 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

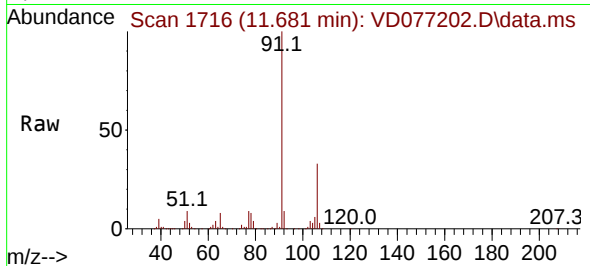
Tgt Ion: 91 Resp: 5835
Ion Ratio Lower Upper
91 100
92 54.0 40.8 75.8





#52
Ethylbenzene
Concen: 28.194 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

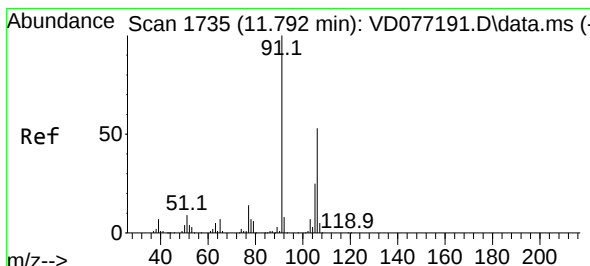
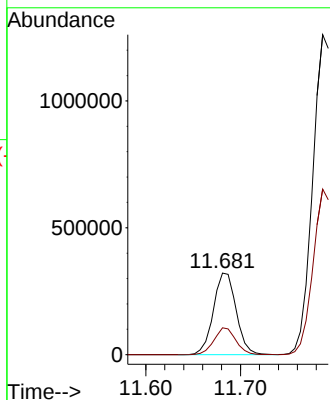
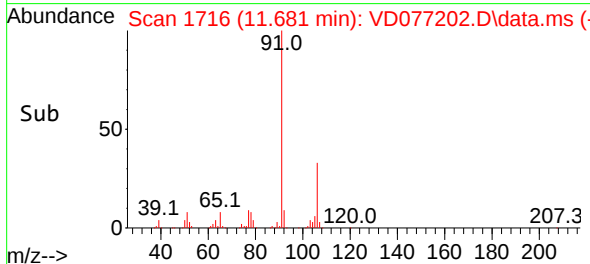
Instrument :
MSVOA_D
ClientSampleId :
EZY8



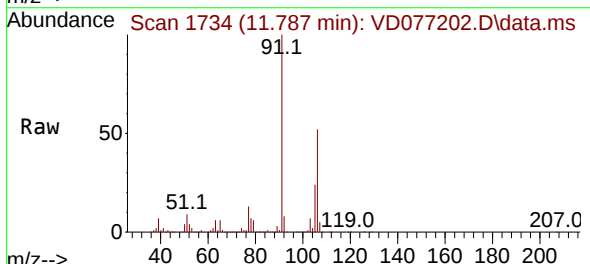
Tgt Ion: 91 Resp: 536780
Ion Ratio Lower Upper
91 100
106 32.9 22.1 41.1

Manual Integrations
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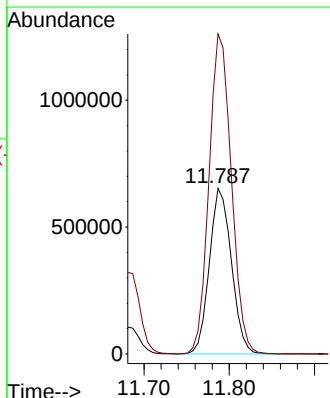
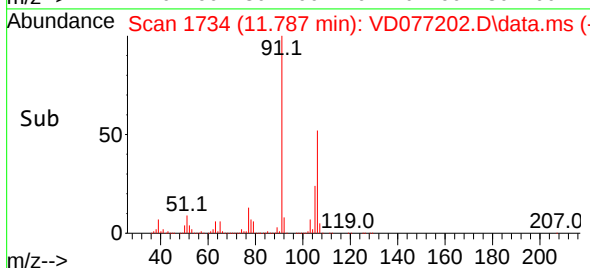
Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023

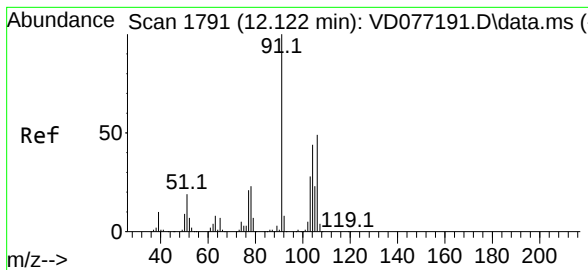


#53
m,p-Xylene
Concen: 159.649 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31



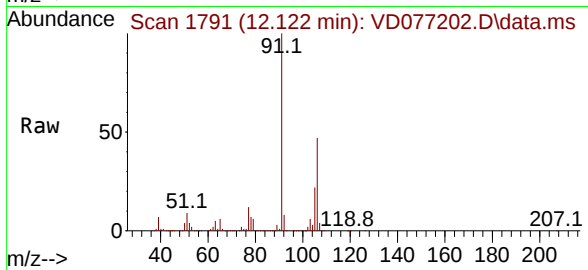
Tgt Ion:106 Resp: 1173684
Ion Ratio Lower Upper
106 100
91 193.2 138.2 256.6





#54
o-Xylene
Concen: 65.116 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

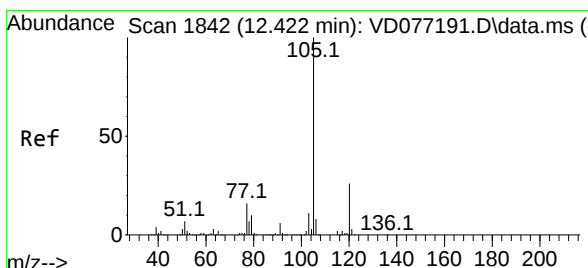
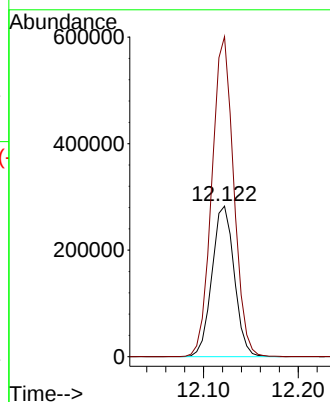
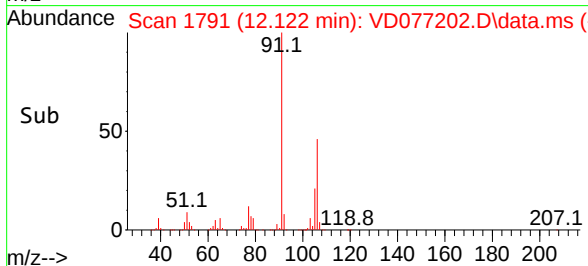
Instrument :
MSVOA_D
ClientSampleId :
EZY8



Tgt Ion:106 Resp: 462080
Ion Ratio Lower Upper
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91 212.4 146.9 272.7

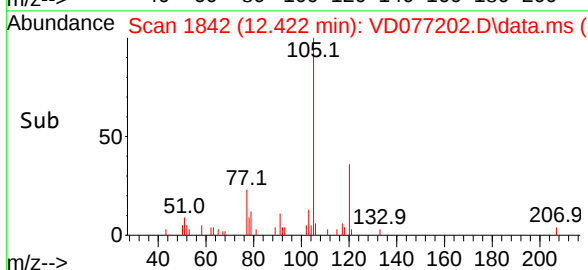
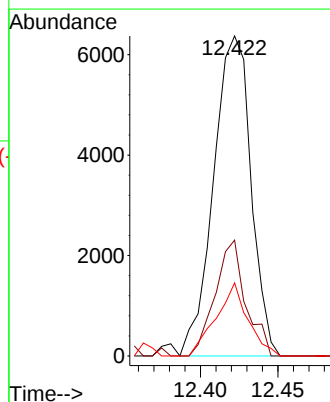
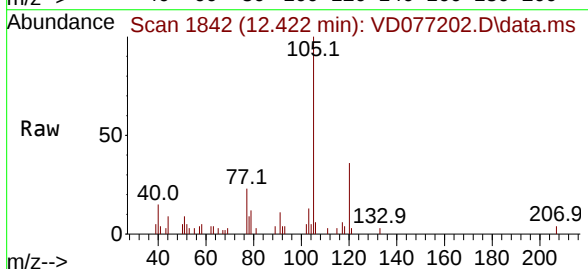
Manual Integrations
APPROVED

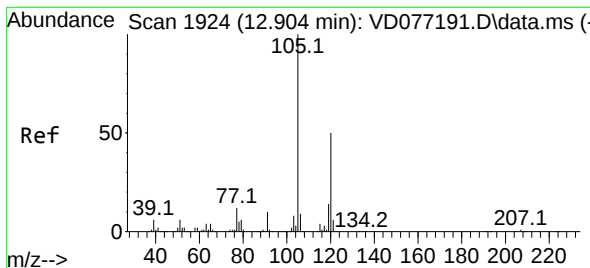
Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023



#60
Isopropylbenzene
Concen: 0.643 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077202.D
Acq: 22 Sep 2023 16:31

Tgt Ion:105 Resp: 10704
Ion Ratio Lower Upper
105 100
120 29.6 21.8 32.6
77 19.4 11.9 17.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.813 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077202.D

Acq: 22 Sep 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :

EZYY8

Tgt Ion:105 Resp: 1046

Ion Ratio Lower Upper

105 100

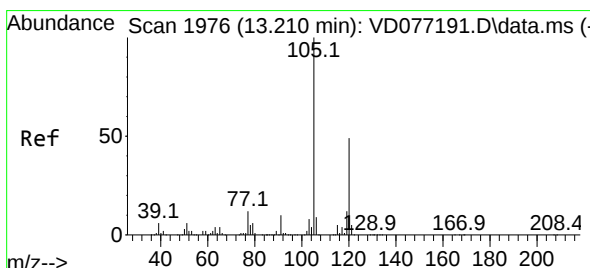
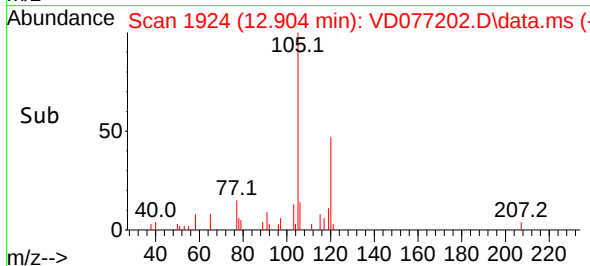
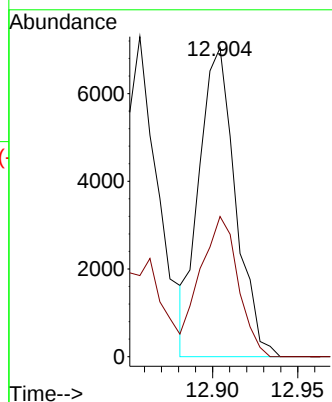
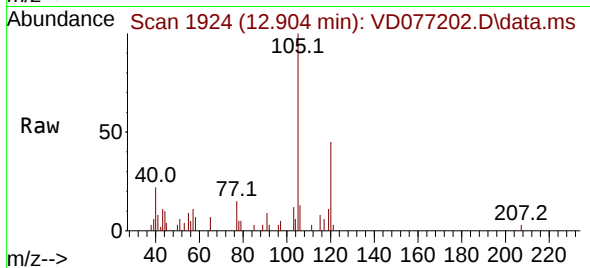
120 47.2 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023

Supervised By :Semsettin Yesilyurt 09/25/2023



#63

1,2,4-Trimethylbenzene

Concen: 2.511 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077202.D

Acq: 22 Sep 2023 16:31

Tgt Ion:105 Resp: 31688

Ion Ratio Lower Upper

105 100

120 46.6 37.8 56.8

