

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077204.D
 Acq On : 22 Sep 2023 17:25
 Operator : JC/SY
 Sample : 04527-13
 Misc : 5.62G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYY6

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 23:44:39 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	265292	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	270604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	149945	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	118016	18.054	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.200%		
7) Chloroethane-d5	2.799	69	106263	19.768	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.080%		
11) 1,1-Dichloroethene-d2	3.911	65	29731	20.022	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.080%		
21) 2-Butanone-d5	6.987	46	32201	39.102	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.200%		
24) Chloroform-d	7.563	84	22678	3.124	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	12.480%#		
26) 1,2-Dichloroethane-d4	8.228	65	88740	25.792	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.160%		
32) Benzene-d6	8.199	84	332370	22.238	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.960%		
36) 1,2-Dichloropropane-d6	9.204	67	107728	25.134	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.520%		
41) Toluene-d8	10.269	98	286815	20.964	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.840%		
43) trans-1,3-Dichloroprop...	10.522	79	40086	20.526	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.120%		
47) 2-Hexanone-d5	10.875	63	20586	30.072	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.140%		
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0d	0.000	ug/L	
Spiked Amount 25.000	Range 45 - 120		Recovery =	0.000%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	116938	24.297	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.200%		
Target Compounds						Qvalue
13) Acetone	4.028	43	9806	8.301	ug/L	75
16) Methylene chloride	4.799	84	9123	1.690	ug/L	96
25) Chloroform	7.593	83	149476	20.469	ug/L	99
29) Cyclohexane	7.875	56	3387m	0.666	ug/L	
33) Benzene	8.252	78	25249	1.553	ug/L	100
34) Trichloroethene	9.028	95	16714	3.878	ug/L	95
35) Methylcyclohexane	9.269	83	9320	1.402	ug/L #	73
42) Toluene	10.328	91	39784	2.260	ug/L	94
52) Ethylbenzene	11.681	91	16763	0.880	ug/L	94
53) m,p-Xylene	11.787	106	28879	3.925	ug/L	98
54) o-Xylene	12.122	106	16897	2.379	ug/L	98
60) Isopropylbenzene	12.422	105	10014m	0.518	ug/L	
62) 1,3,5-Trimethylbenzene	12.904	105	60205	4.028	ug/L	97
63) 1,2,4-Trimethylbenzene	13.210	105	177258	12.104	ug/L	100

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

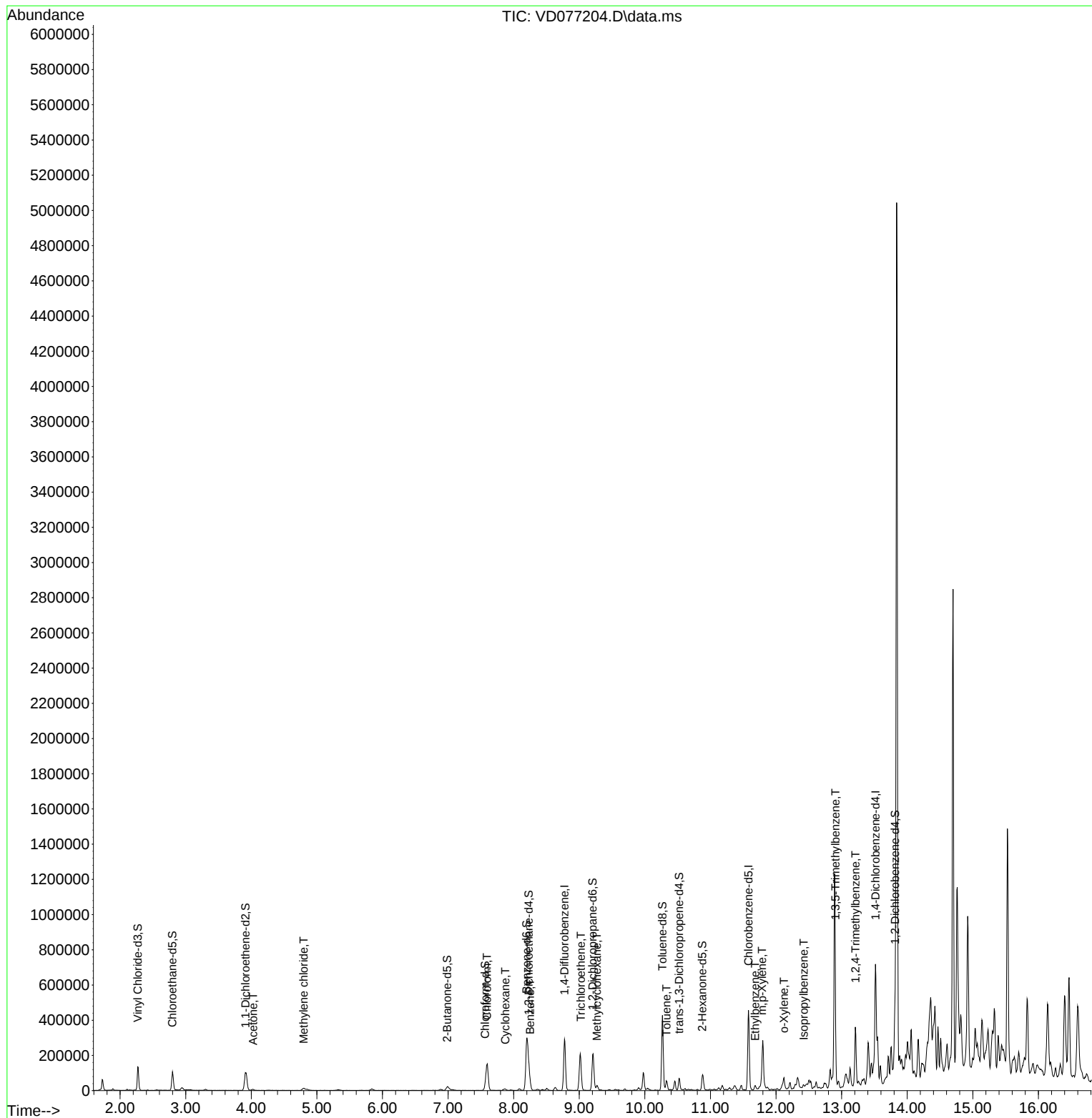
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077204.D
Acq On : 22 Sep 2023 17:25
Operator : JC/SY
Sample : 04527-13
Misc : 5.62G/10.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

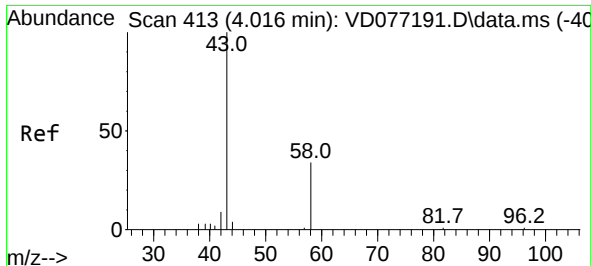
Instrument :
MSVOA_D
ClientSampleId :
EZY6

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Quant Time: Sep 22 23:44:39 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: 8.301 ug/L

RT: 4.028 min Scan# 413

Delta R.T. 0.012 min

Lab File: VD077204.D

Acq: 22 Sep 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

EZYY6

Tgt Ion: 43 Resp: 9800

Ion Ratio Lower Upper

43 100

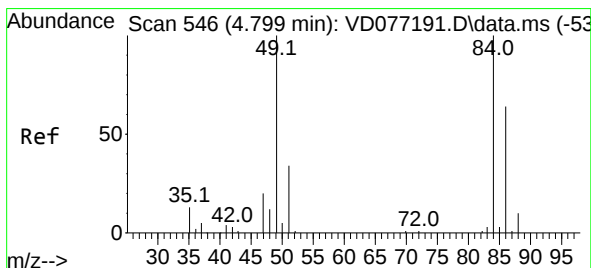
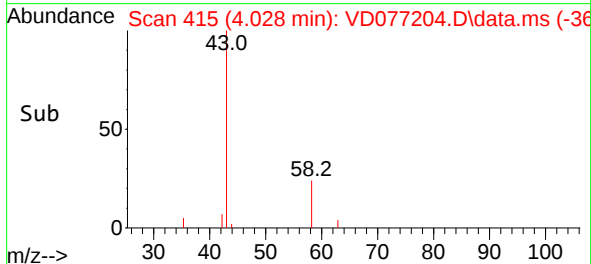
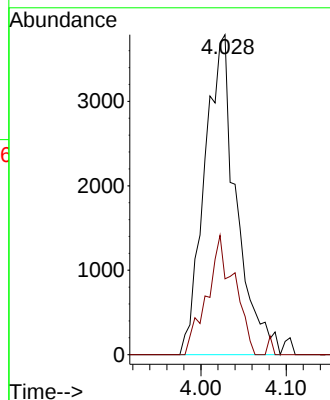
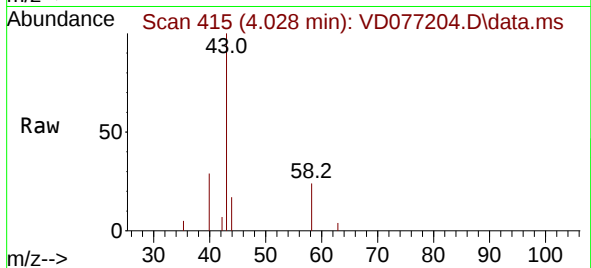
58 21.0 0.0 71.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/25/2023



#16

Methylene chloride

Concen: 1.690 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD077204.D

Acq: 22 Sep 2023 17:25

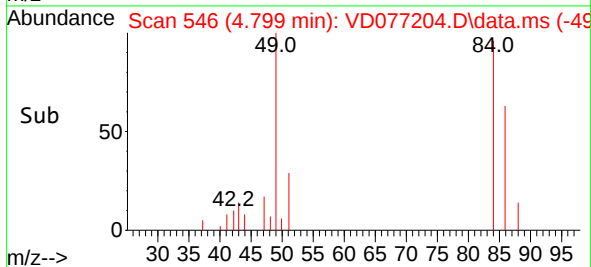
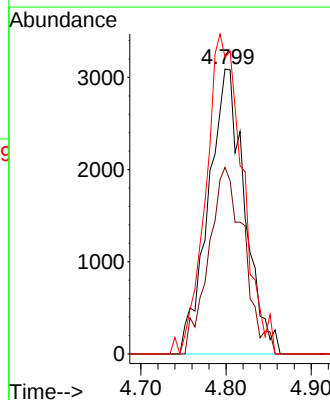
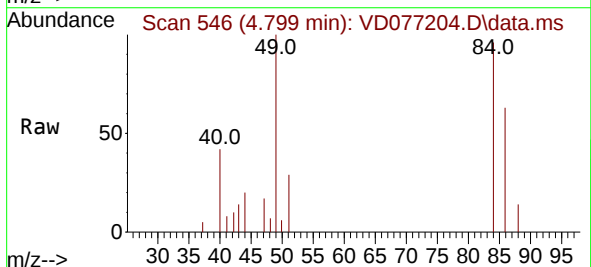
Tgt Ion: 84 Resp: 9123

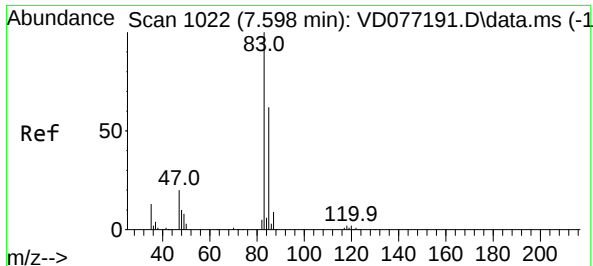
Ion Ratio Lower Upper

84 100

86 65.4 45.3 84.1

49 104.1 69.2 128.6





#25

Chloroform

Concen: 20.469 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077204.D

Acq: 22 Sep 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

EZYY6

Tgt Ion: 83 Resp: 149470

Ion Ratio Lower Upper

83 100

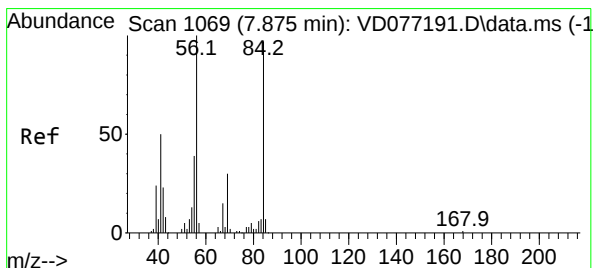
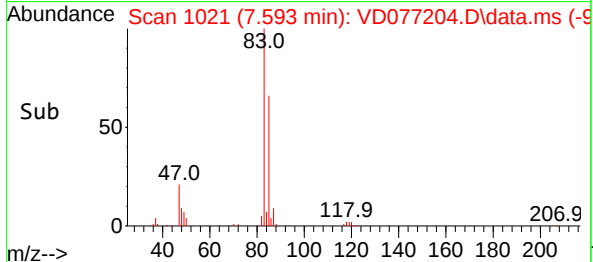
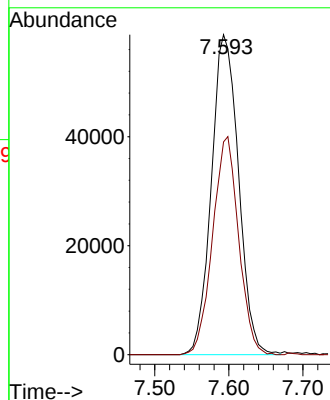
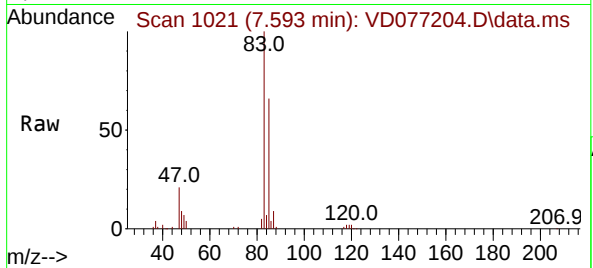
85 66.5 46.2 85.8

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#29

Cyclohexane

Concen: 0.666 ug/L m

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077204.D

Acq: 22 Sep 2023 17:25

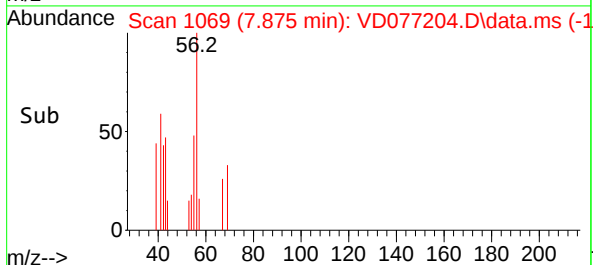
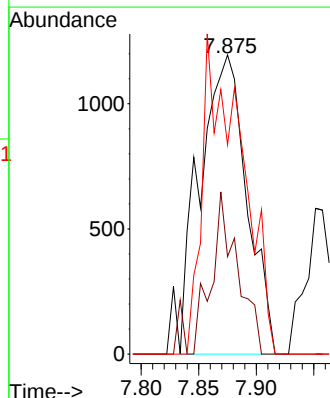
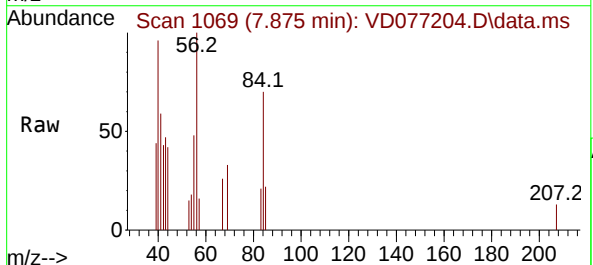
Tgt Ion: 56 Resp: 3387

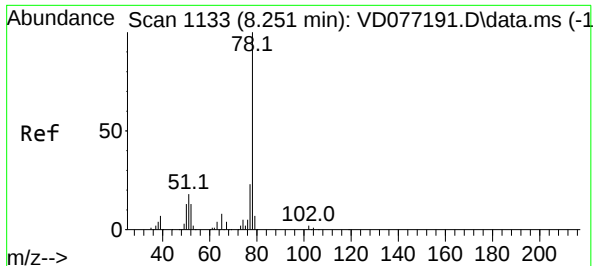
Ion Ratio Lower Upper

56 100

69 15.0 25.5 38.3#

84 0.0 82.6 124.0#





#33

Benzene

Concen: 1.553 ug/L

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077204.D

Acq: 22 Sep 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

EZYY6

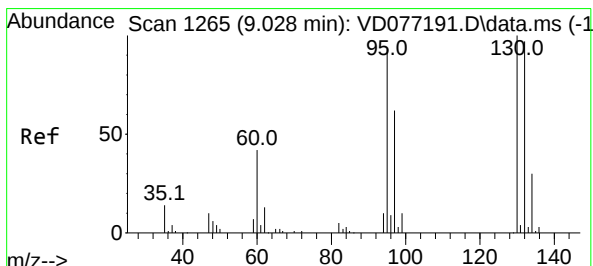
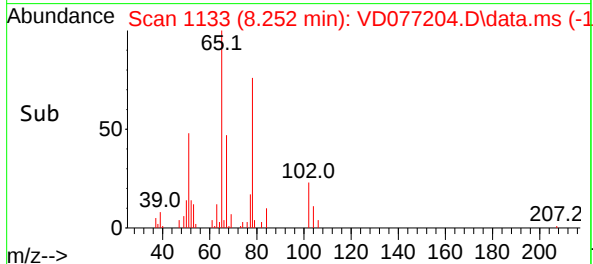
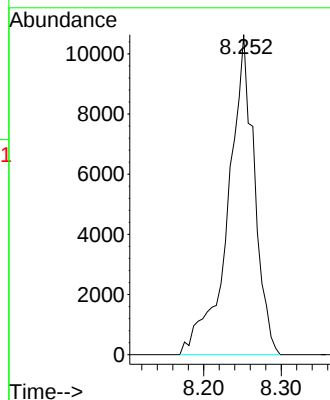
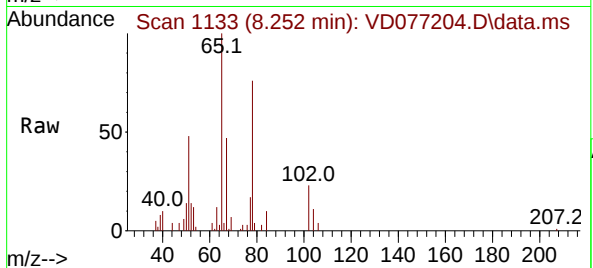
Tgt Ion: 78 Resp: 25249

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/25/2023



#34

Trichloroethene

Concen: 3.878 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077204.D

Acq: 22 Sep 2023 17:25

Tgt Ion: 95 Resp: 16714

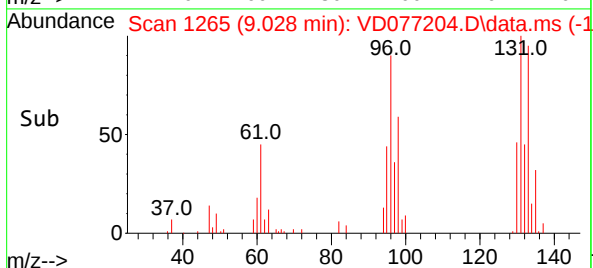
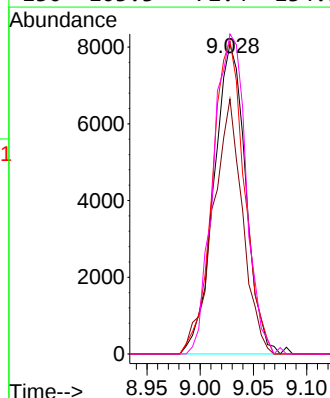
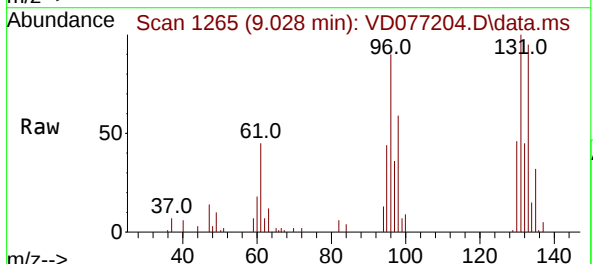
Ion Ratio Lower Upper

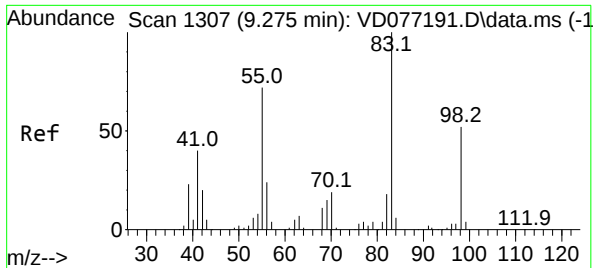
95 100

97 82.3 46.4 86.2

132 101.1 70.1 130.1

130 103.3 72.4 134.5





#35

Methylcyclohexane

Concen: 1.402 ug/L

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077204.D

Acq: 22 Sep 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

EZYY6

Tgt Ion: 83 Resp: 9320

Ion Ratio Lower Upper

83 100

55 98.9 51.5 77.3

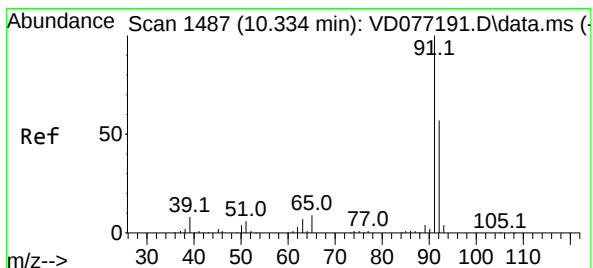
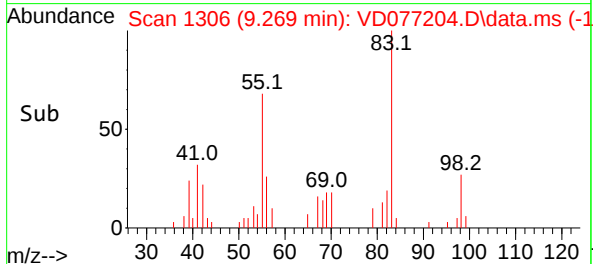
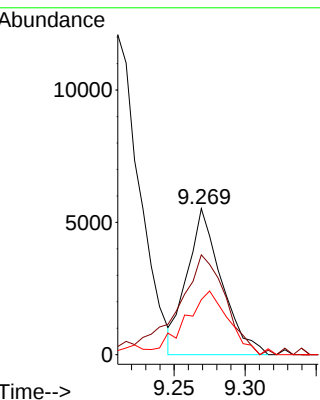
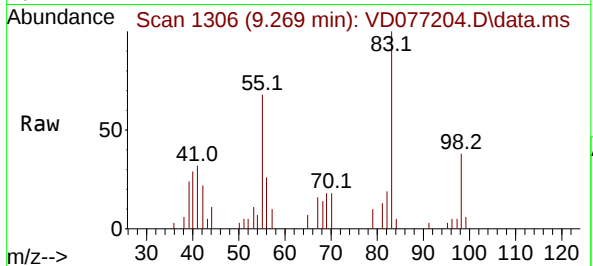
98 54.1 40.7 61.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/25/2023

Supervised By :Semsettin Yesilyurt 09/25/2023



#42

Toluene

Concen: 2.260 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD077204.D

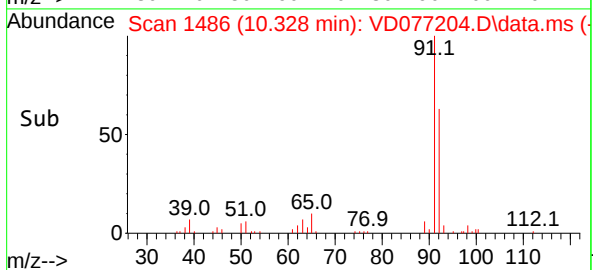
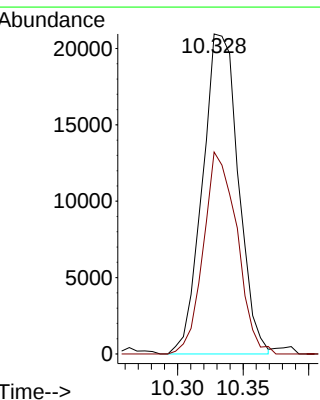
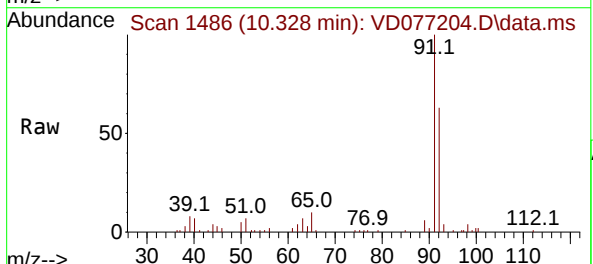
Acq: 22 Sep 2023 17:25

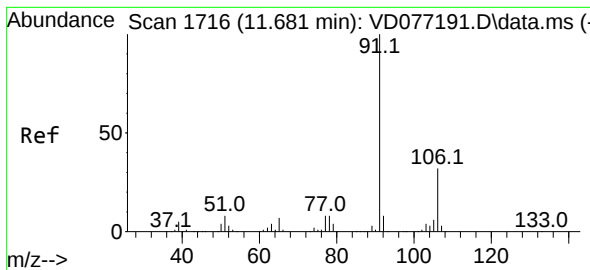
Tgt Ion: 91 Resp: 39784

Ion Ratio Lower Upper

91 100

92 63.1 40.8 75.8





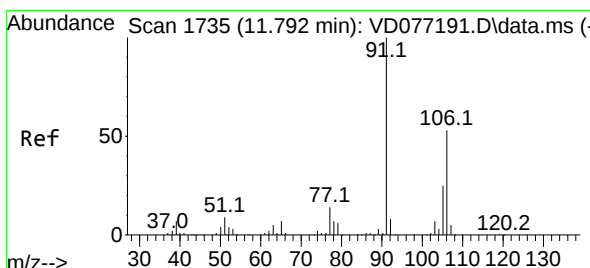
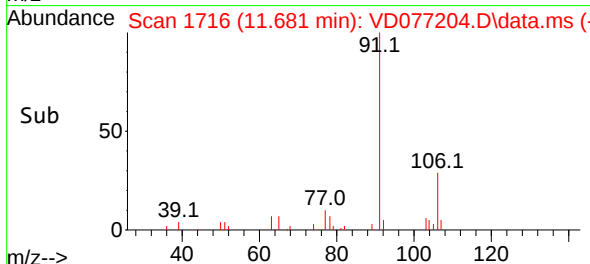
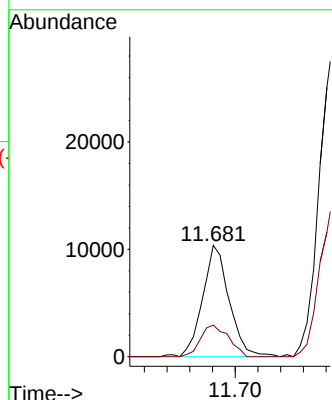
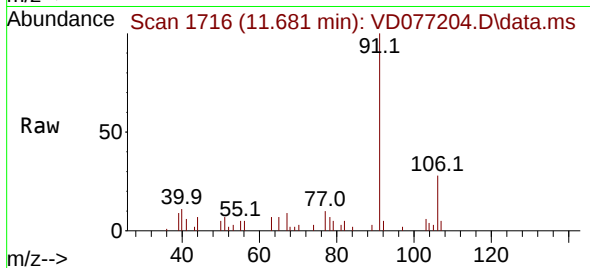
#52
Ethylbenzene
Concen: 0.880 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077204.D
Acq: 22 Sep 2023 17:25

Instrument :
MSVOA_D
ClientSampleId :
EZY6

Tgt Ion: 91 Resp: 1676
Ion Ratio Lower Upper
91 100
106 28.3 22.1 41.1

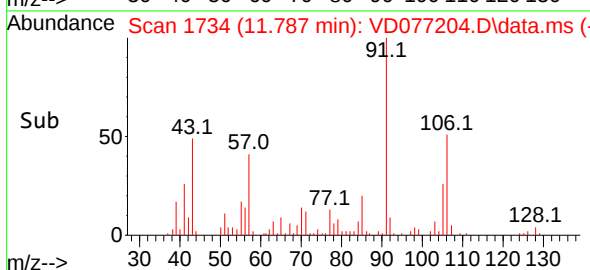
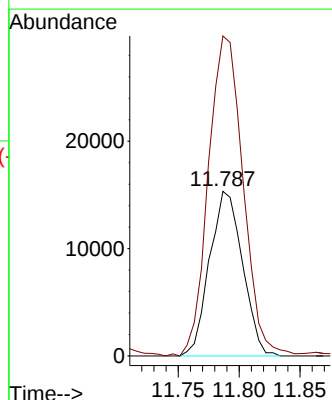
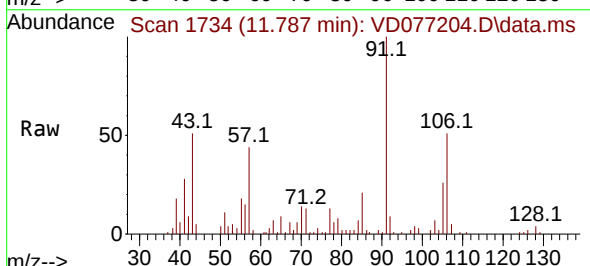
Manual Integrations
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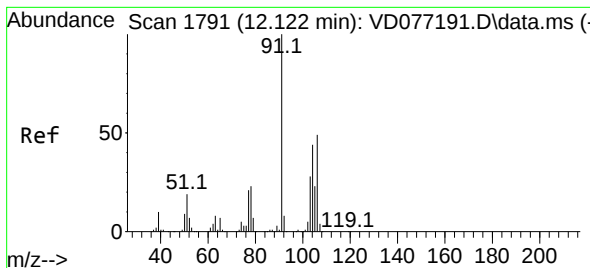
Reviewed By :Mahesh Dadoda 09/25/2023
Supervised By :Semsettin Yesilyurt 09/25/2023



#53
m,p-Xylene
Concen: 3.925 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077204.D
Acq: 22 Sep 2023 17:25

Tgt Ion:106 Resp: 28879
Ion Ratio Lower Upper
106 100
91 194.3 138.2 256.6





#54

o-Xylene

Concen: 2.379 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077204.D

Acq: 22 Sep 2023 17:25

Instrument :

MSVOA_D

ClientSampleId :

EZYY6

Tgt Ion:106 Resp: 1689

Ion Ratio Lower Upper

106 100

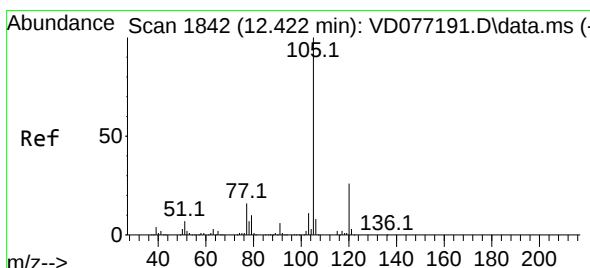
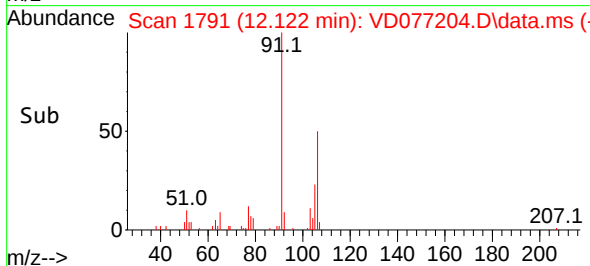
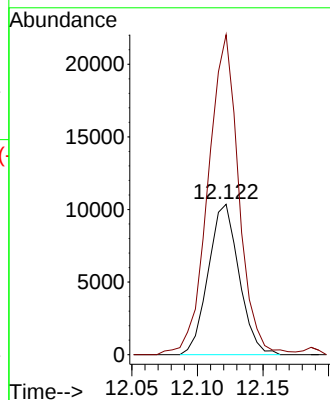
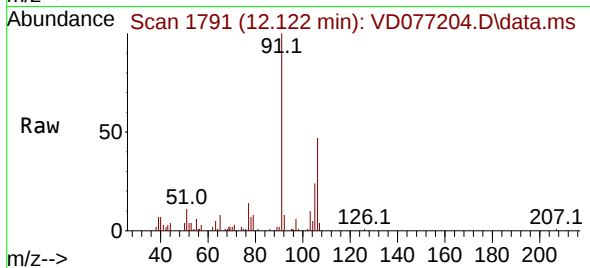
91 212.7 146.9 272.7

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/25/2023



#60

Isopropylbenzene

Concen: 0.518 ug/L m

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077204.D

Acq: 22 Sep 2023 17:25

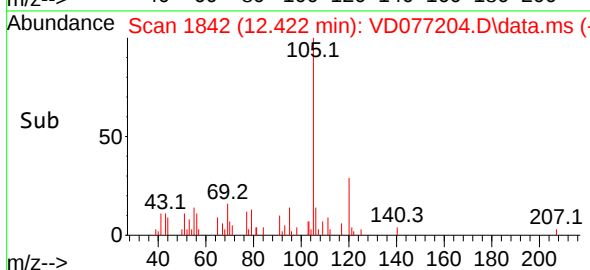
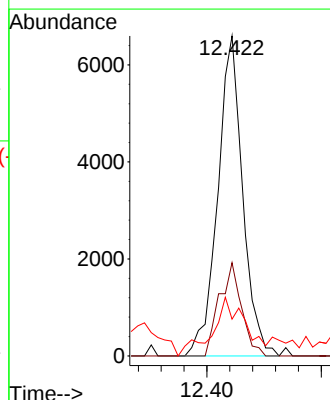
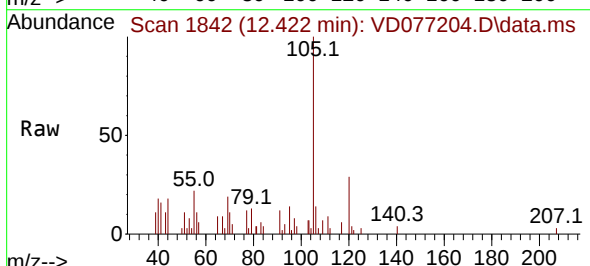
Tgt Ion:105 Resp: 10014

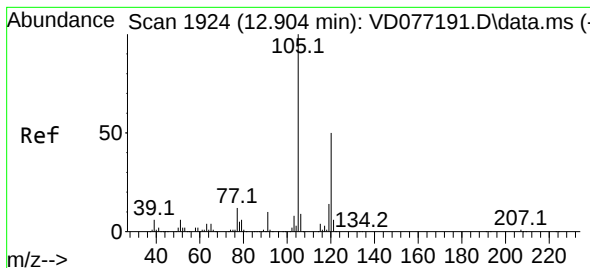
Ion Ratio Lower Upper

105 100

120 192.9 21.8 32.6#

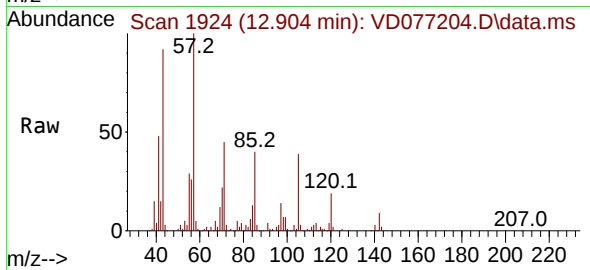
77 72.0 11.9 17.9#





#62
1,3,5-Trimethylbenzene
Concen: 4.028 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077204.D
Acq: 22 Sep 2023 17:25

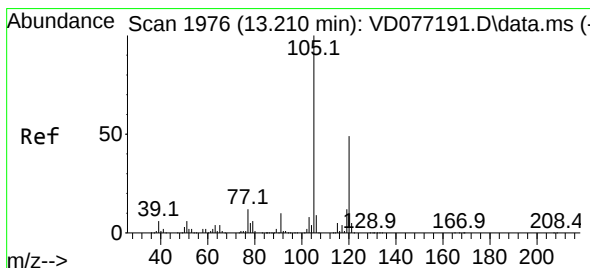
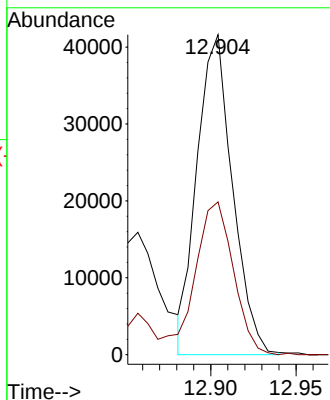
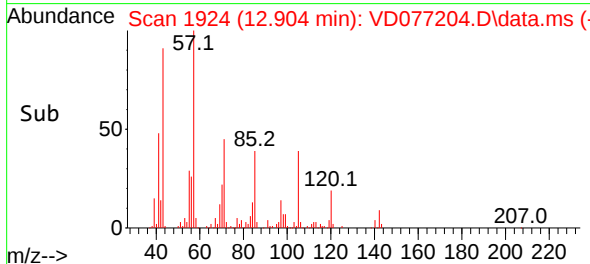
Instrument :
MSVOA_D
ClientSampleId :
EZY6



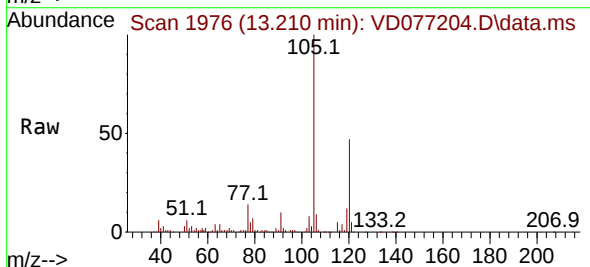
Tgt Ion:105 Resp: 6020
Ion Ratio Lower Upper
105 100
120 52.0 40.2 60.2

Manual Integrations
APPROVED

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



#63
1,2,4-Trimethylbenzene
Concen: 12.104 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077204.D
Acq: 22 Sep 2023 17:25



Tgt Ion:105 Resp: 177258
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.8

