

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036122.D
 Acq On : 18 Jun 2024 16:26
 Operator : SY/MD
 Sample : P2873-13
 Misc : 3.99g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SK1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2024
 Supervised By :Semsettin Yesilyurt 06/24/2024

Quant Time: Jun 19 05:25:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	353861	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	228016	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	161494	24.823	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.280%		
7) Chloroethane-d5	1.526	69	129360	24.937	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.760%		
11) 1,1-Dichloroethene-d2	2.047	65	68907	23.792	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.160%		
21) 2-Butanone-d5	3.831	46	74156	49.681	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.360%		
24) Chloroform-d	4.243	84	257764	22.912	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.640%		
26) 1,2-Dichloroethane-d4	4.937	65	159290	27.005	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.040%		
32) Benzene-d6	4.957	84	460159	33.951	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	135.800%#		
36) 1,2-Dichloropropane-d6	5.986	67	157900	36.994	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	147.960%#		
41) Toluene-d8	7.243	98	298601	24.969	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.880%		
43) trans-1,3-Dichloroprop...	7.558	79	53368	30.495	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	121.960%		
47) 2-Hexanone-d5	8.034	63	48049	83.089	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	166.180%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	94286	29.561	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	118.240%		
66) 1,2-Dichlorobenzene-d4	11.561	152	35681	21.253	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.000%		
Target Compounds						
					Qvalue	
13) Acetone	2.146	43	25149	10.816	ug/L #	58
16) Methylene chloride	2.439	84	46980	5.867	ug/L	98
34) Trichloroethene	5.825	95	3373882	738.172	ug/L	98
42) Toluene	7.317	91	151767	9.960	ug/L	98
46) Tetrachloroethene	7.918	164	24561969m	7347.756	ug/L	
52) Ethylbenzene	8.944	91	2589557	158.834	ug/L	99
53) m,p-Xylene	9.069	106	3035365	495.489	ug/L	97
54) o-Xylene	9.474	106	1264369	218.861	ug/L	99
60) Isopropylbenzene	9.870	105	13190	2.246	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	22982	5.396	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	113095	24.645	ug/L	99

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

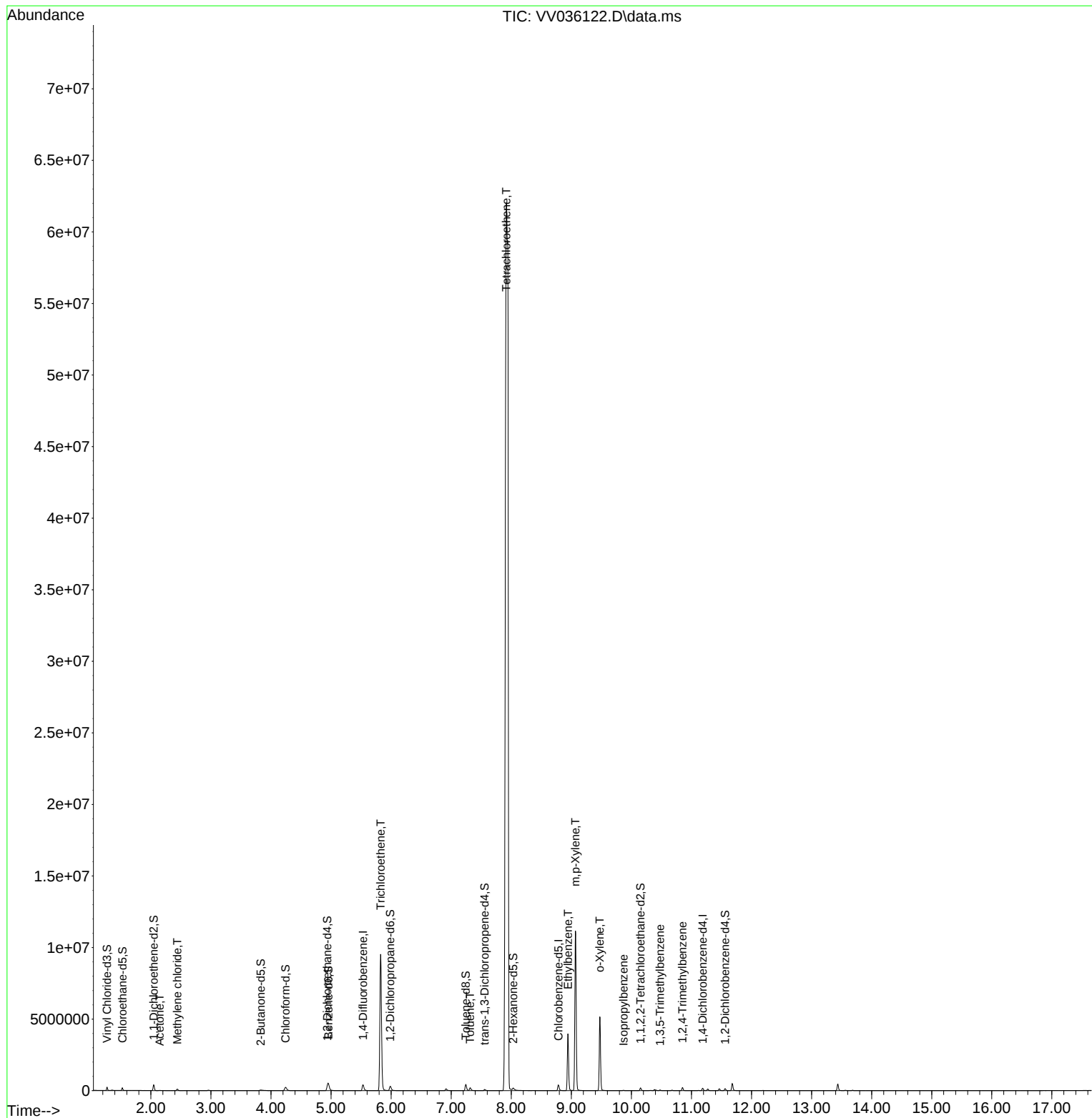
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036122.D
Acq On : 18 Jun 2024 16:26
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Misc : 3.99g/10.0mL/MSVOA_V/SOIL/A
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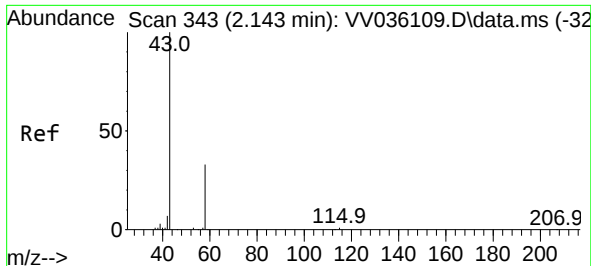
Instrument :
MSVOA_V
ClientSampleId :
C0SK1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
Response via : Initial Calibration





#13

Acetone

Concen: 10.816 ug/L

RT: 2.146 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV036122.D

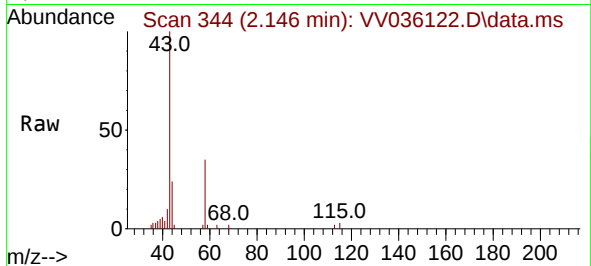
Acq: 18 Jun 2024 16:26

Instrument :

MSVOA_V

ClientSampleId :

C0SK1



Tgt Ion: 43 Resp: 25149

Ion Ratio Lower Upper

43 100

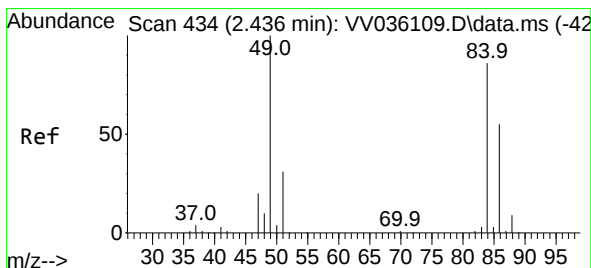
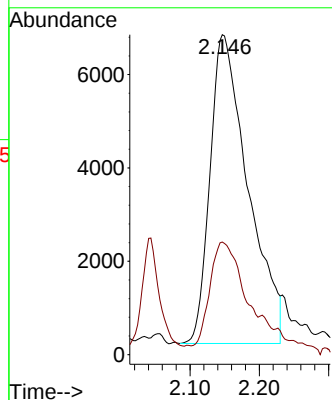
58 28.3 0.0 24.2

Manual Integrations

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#16

Methylene chloride

Concen: 5.867 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.003 min

Lab File: VV036122.D

Acq: 18 Jun 2024 16:26

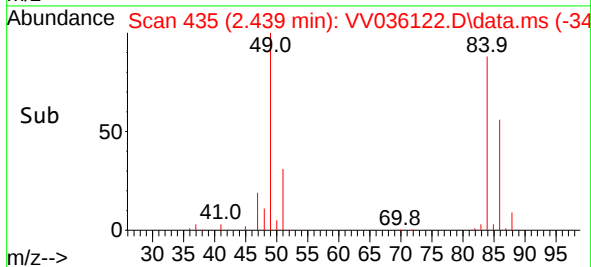
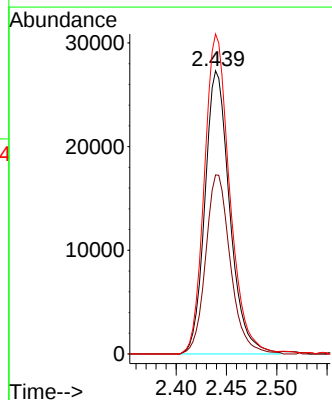
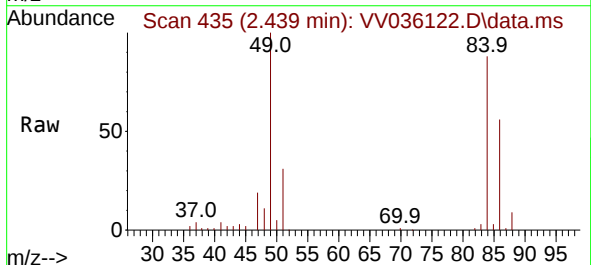
Tgt Ion: 84 Resp: 46980

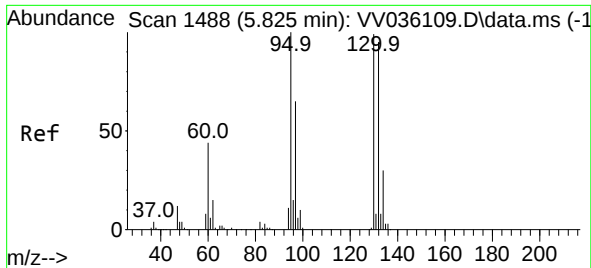
Ion Ratio Lower Upper

84 100

86 63.2 44.6 82.8

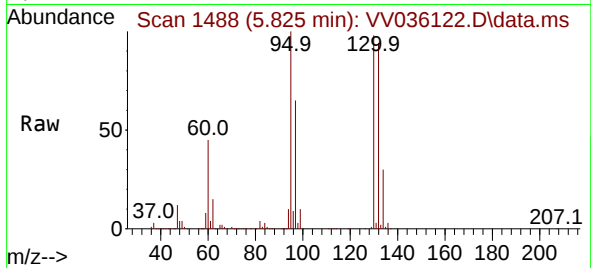
49 113.0 81.1 150.5





#34
Trichloroethene
Concen: 738.172 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV036122.D
Acq: 18 Jun 2024 16:26

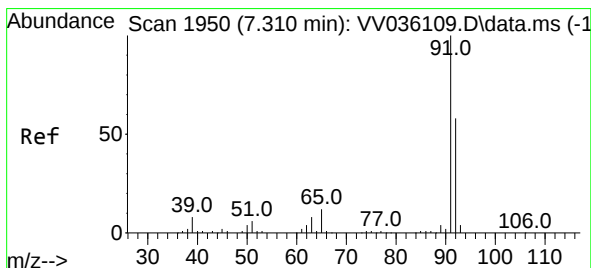
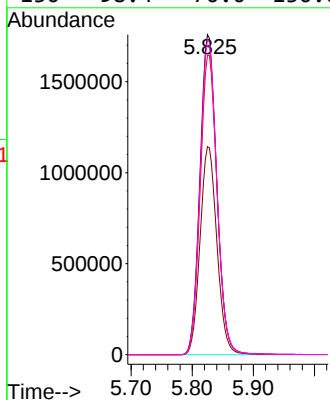
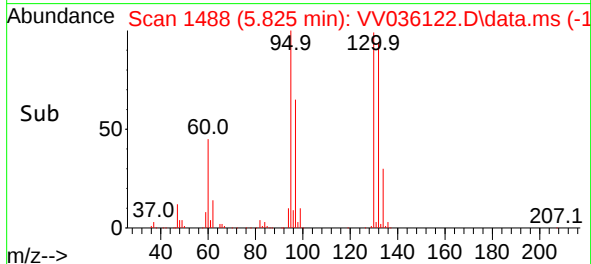
Instrument :
MSVOA_V
ClientSampleId :
C0SK1



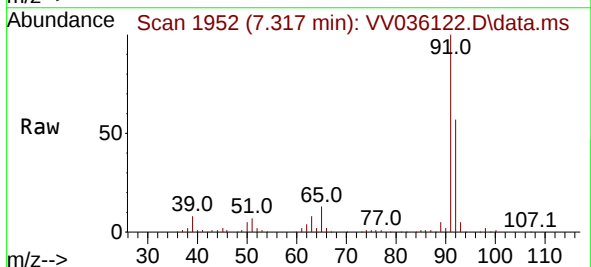
Tgt Ion: 95 Resp: 337388
Ion Ratio Lower Upper
95 100
97 65.0 44.8 83.2
132 93.5 66.8 124.2
130 98.4 70.0 130.0

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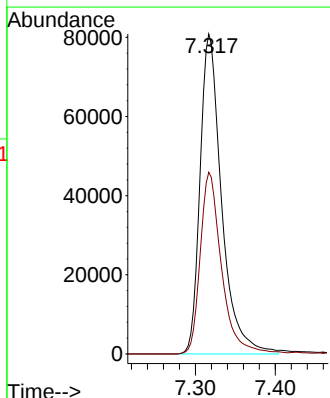
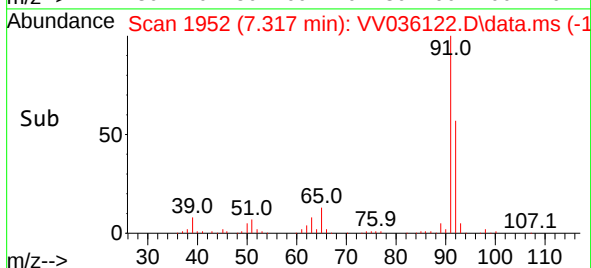
Reviewed By :Mahesh Dadoda 06/24/2024
Supervised By :Semsettin Yesilyurt 06/24/2024

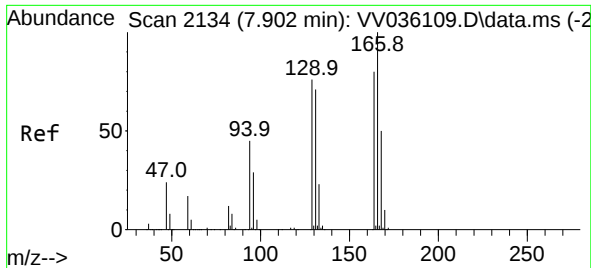


#42
Toluene
Concen: 9.960 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VV036122.D
Acq: 18 Jun 2024 16:26



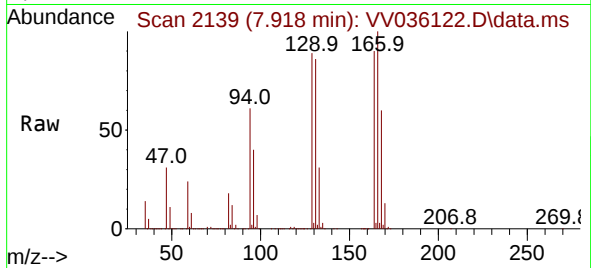
Tgt Ion: 91 Resp: 151767
Ion Ratio Lower Upper
91 100
92 56.8 40.6 75.4





#46
Tetrachloroethene
Concen: 7347.756 ug/L m
RT: 7.918 min Scan# 2134
Delta R.T. 0.016 min
Lab File: VV036122.D
Acq: 18 Jun 2024 16:26

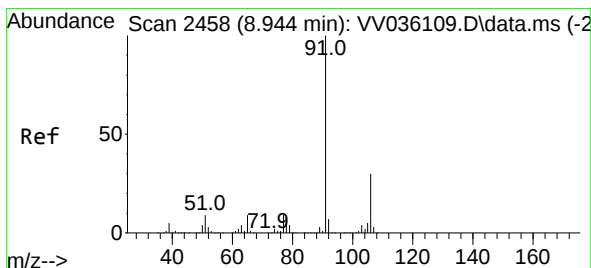
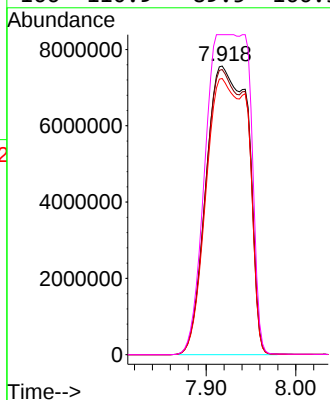
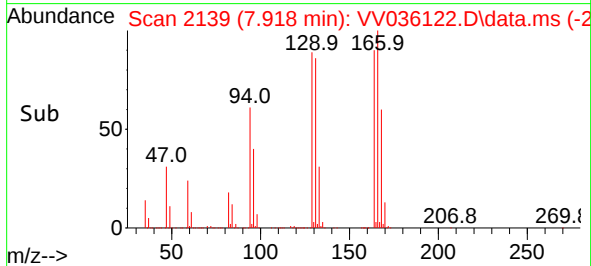
Instrument :
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ClientSampleId :
C0SK1



Tgt Ion:164 Resp:24561969
Ion Ratio Lower Upper
164 100
129 98.8 64.6 120.0
131 95.7 63.2 117.4
166 110.9 89.5 166.3

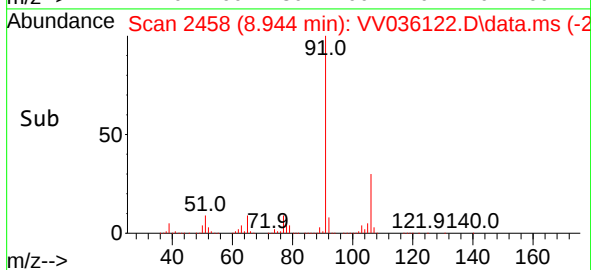
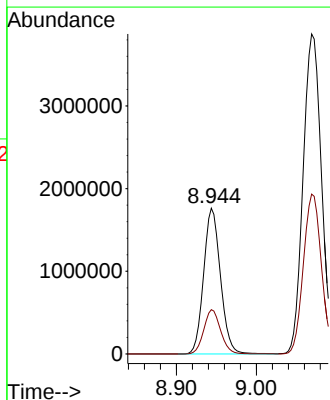
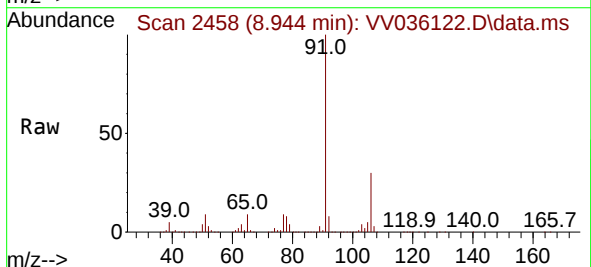
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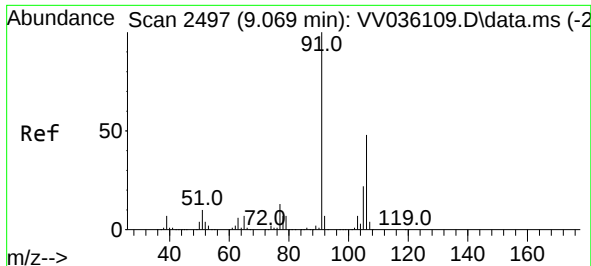
Reviewed By :Mahesh Dadoda 06/24/2024
Supervised By :Semsettin Yesilyurt 06/24/2024



#52
Ethylbenzene
Concen: 158.834 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036122.D
Acq: 18 Jun 2024 16:26

Tgt Ion: 91 Resp: 2589557
Ion Ratio Lower Upper
91 100
106 30.4 21.6 40.0





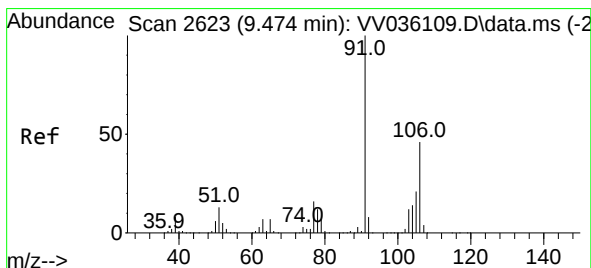
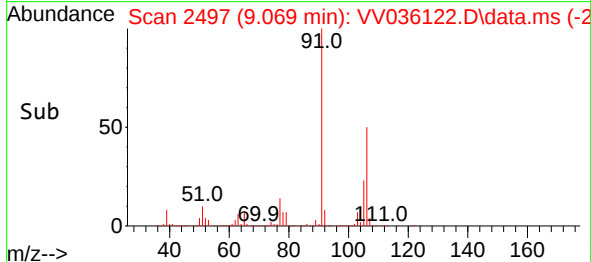
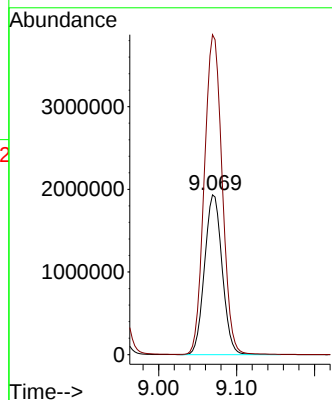
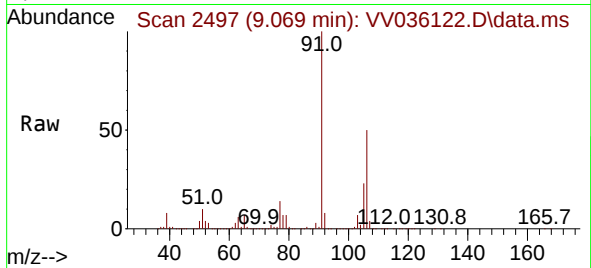
#53
m,p-Xylene
Concen: 495.489 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036122.D
Acq: 18 Jun 2024 16:26

Instrument :
MSVOA_V
ClientSampleId :
C0SK1

Tgt Ion:106 Resp: 303536
Ion Ratio Lower Upper
106 100
91 200.3 143.1 265.9

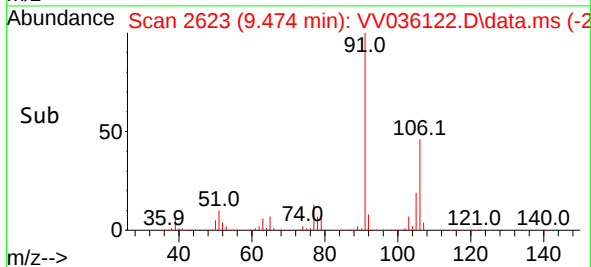
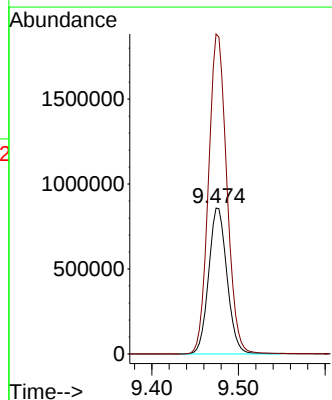
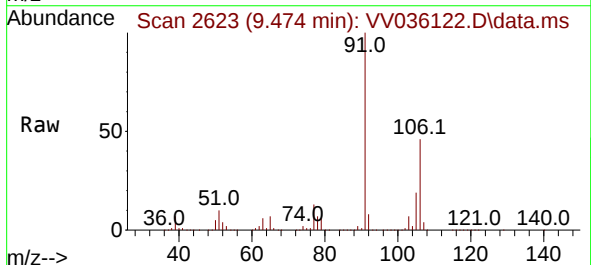
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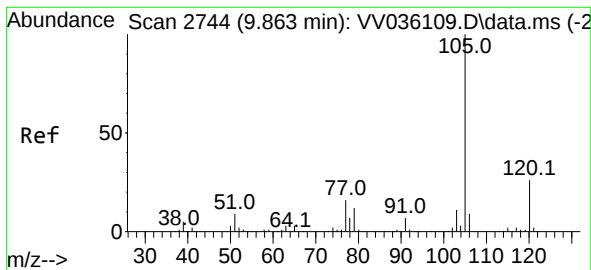
Reviewed By :Mahesh Dadoda 06/24/2024
Supervised By :Semsettin Yesilyurt 06/24/2024



#54
o-Xylene
Concen: 218.861 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036122.D
Acq: 18 Jun 2024 16:26

Tgt Ion:106 Resp: 1264369
Ion Ratio Lower Upper
106 100
91 219.3 154.5 286.9





#60

Isopropylbenzene

Concen: 2.246 ug/L

RT: 9.870 min Scan# 2190

Delta R.T. 0.006 min

Lab File: VV036122.D

Acq: 18 Jun 2024 16:26

Instrument :

MSVOA_V

ClientSampleId :

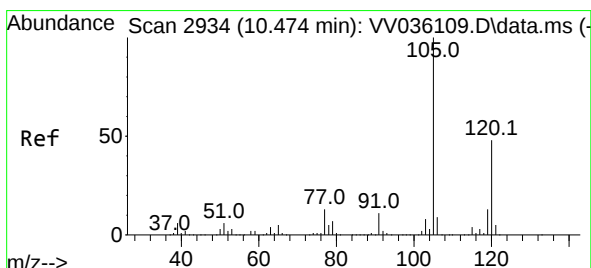
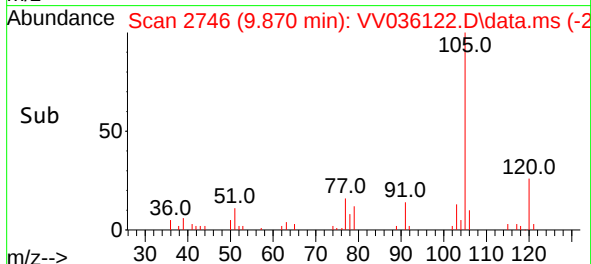
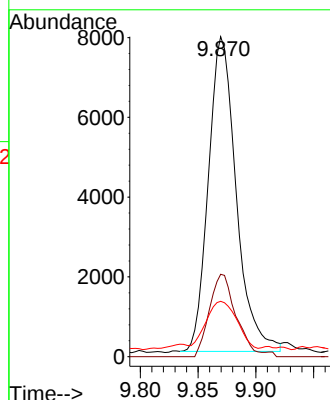
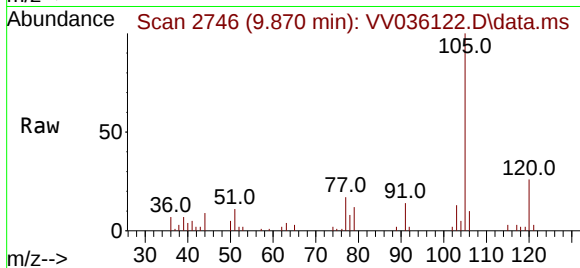
C0SK1

Tgt Ion:	105	Resp:	13190
Ion Ratio	Lower	Upper	
105	100		
120	25.0	21.0	31.6
77	16.3	12.6	18.8

Manual Integrations

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#62

1,3,5-Trimethylbenzene

Concen: 5.396 ug/L

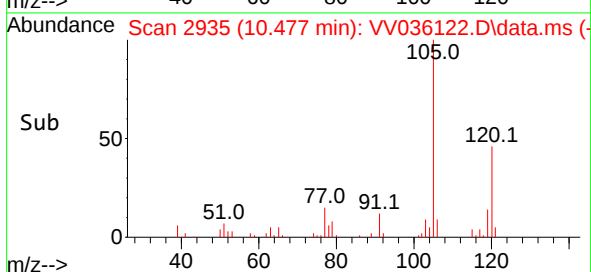
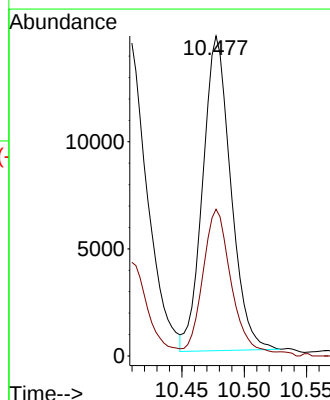
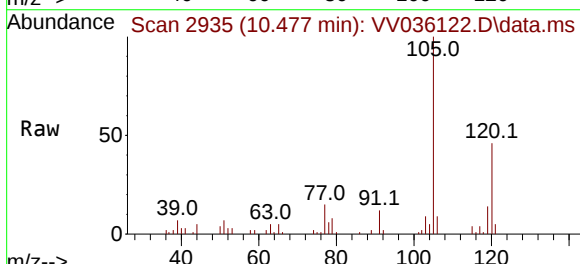
RT: 10.477 min Scan# 2935

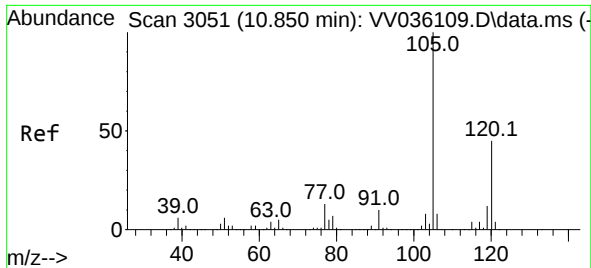
Delta R.T. 0.003 min

Lab File: VV036122.D

Acq: 18 Jun 2024 16:26

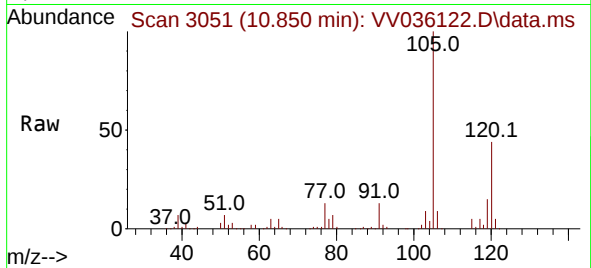
Tgt Ion:	105	Resp:	22982
Ion Ratio	Lower	Upper	
105	100		
120	45.0	38.6	58.0





#63
 1,2,4-Trimethylbenzene
 Concen: 24.645 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV036122.D
 Acq: 18 Jun 2024 16:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SK1



Tgt Ion:105 Resp: 113095
 Ion Ratio Lower Upper
 105 100
 120 44.5 36.2 54.4

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