

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037486.D
 Acq On : 23 Sep 2024 16:38
 Operator : SY/MD
 Sample : P4024-06ME 10X
 Misc : 14.42G/5mL/100ul/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DDCL2ME

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 04:01:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	860572	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	825557	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	427273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	282232	35.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.700%		
7) Chloroethane-d5	1.526	69	231639	38.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.140%		
11) 1,1-Dichloroethene-d2	2.056	65	124868	37.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.480%		
21) 2-Butanone-d5	3.789	46	269258	88.325	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.320%		
24) Chloroform-d	4.243	84	538558	43.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.420%		
26) 1,2-Dichloroethane-d4	4.937	65	338955	43.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.380%		
32) Benzene-d6	4.950	84	1104005	44.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.560%		
36) 1,2-Dichloropropane-d6	5.982	67	356058	45.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.180%		
41) Toluene-d8	7.236	98	982256	43.648	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.300%		
43) trans-1,3-Dichloroprop...	7.548	79	160707	44.477	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.960%		
47) 2-Hexanone-d5	8.021	63	200543	94.086	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.090%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	436467	46.080	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.160%		
66) 1,2-Dichlorobenzene-d4	11.554	152	389680	45.537	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.080%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.043	83	10196m	0.998	ug/L	
42) Toluene	7.323	91	30912	1.246	ug/L	98
46) Tetrachloroethene	7.902	164	5327	1.181	ug/L	96
52) Ethylbenzene	8.947	91	40114	1.432	ug/L	100
53) m,p-Xylene	9.069	106	74181	7.145	ug/L	98
54) o-Xylene	9.474	106	58951	5.800	ug/L	97
60) Isopropylbenzene	9.863	105	58662m	2.118	ug/L	
62) 1,3,5-Trimethylbenzene	10.471	105	656255	28.957	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1127632	49.859	ug/L	100

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

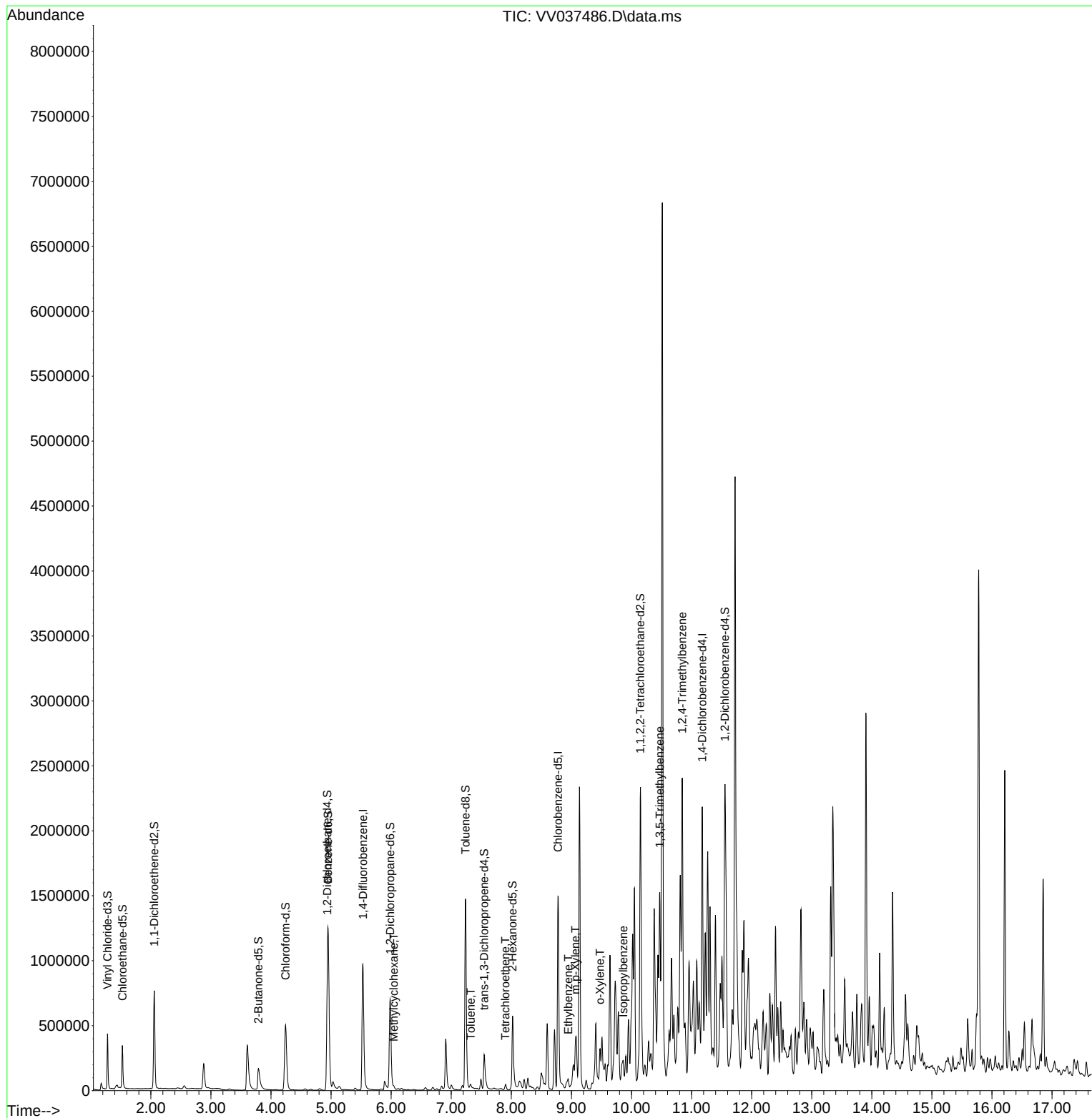
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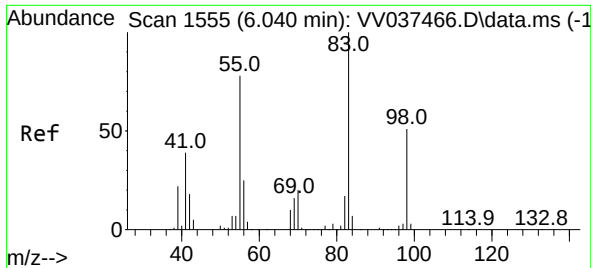
Instrument :
MSVOA_V
ClientSampleId :
DDCL2ME

Quant Time: Sep 24 04:01:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:56:17 2024
Response via : Initial Calibration

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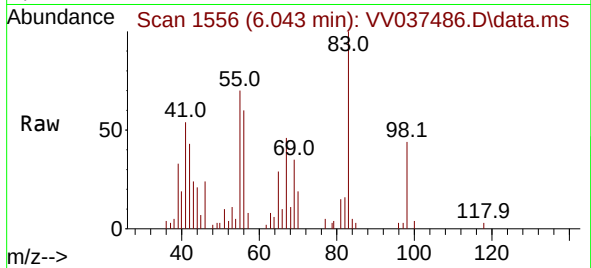
Reviewed By :Semsettin Yesilyurt 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024





#35
Methylcyclohexane
Concen: 0.998 ug/L m
RT: 6.043 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

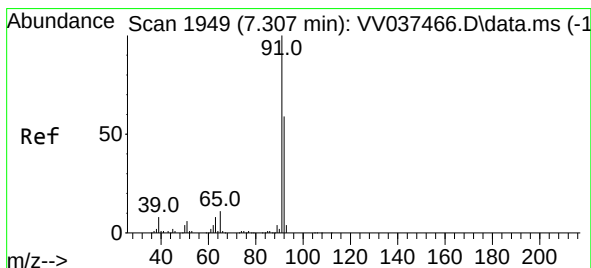
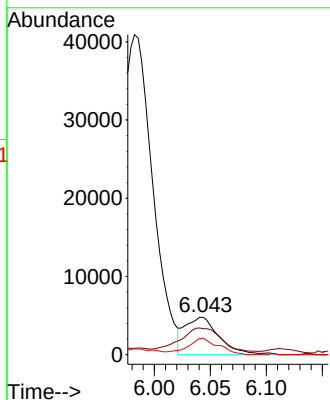
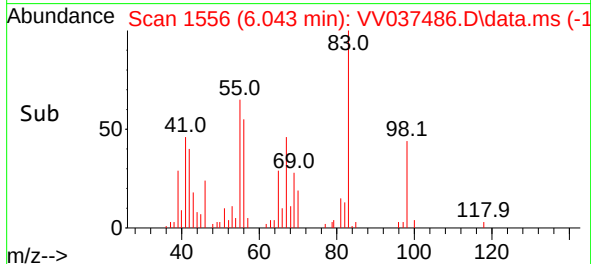
Instrument :
MSVOA_V
ClientSampleId :
DDCL2ME



Tgt Ion: 83 Resp: 10190
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8
98 12.2 39.3 58.9

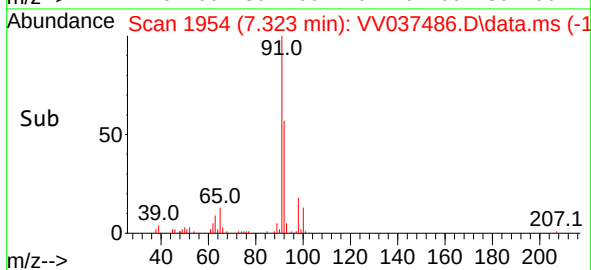
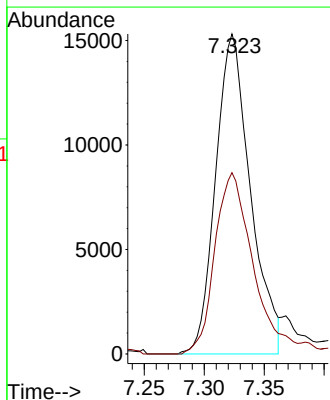
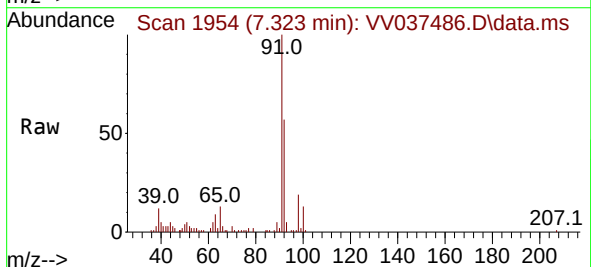
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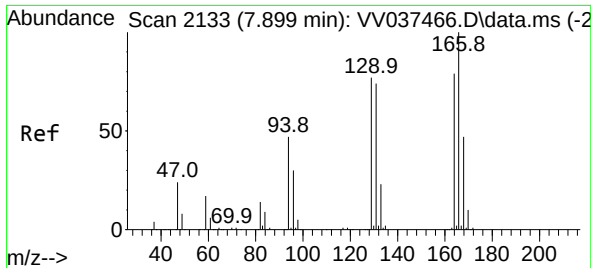
Reviewed By :Semsettin Yesilyurt 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#42
Toluene
Concen: 1.246 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

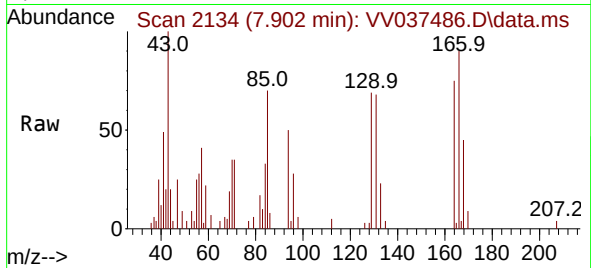
Tgt Ion: 91 Resp: 30912
Ion Ratio Lower Upper
91 100
92 56.7 40.8 75.8





#46
Tetrachloroethene
Concen: 1.181 ug/L
RT: 7.902 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

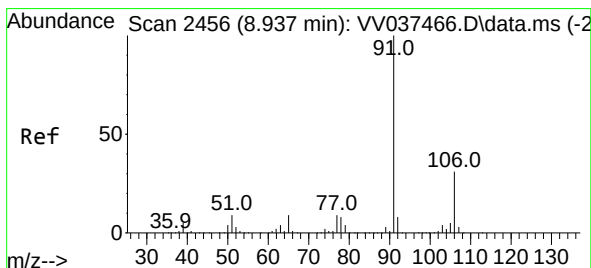
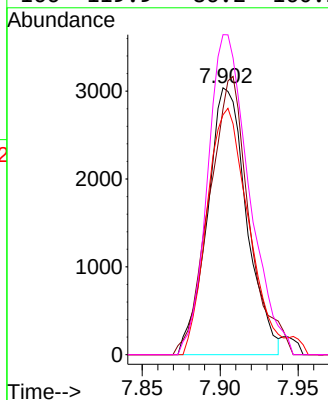
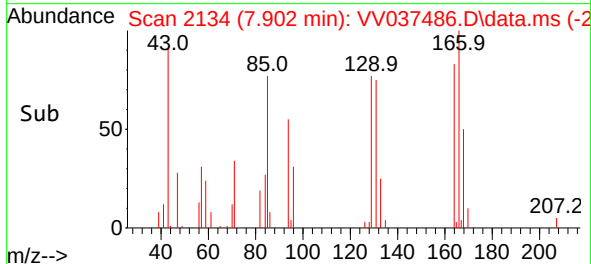
Instrument :
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DDCL2ME



Tgt Ion:164 Resp: 532
Ion Ratio Lower Upper
164 100
129 92.1 67.1 124.7
131 89.9 67.0 124.4
166 119.9 86.2 160.2

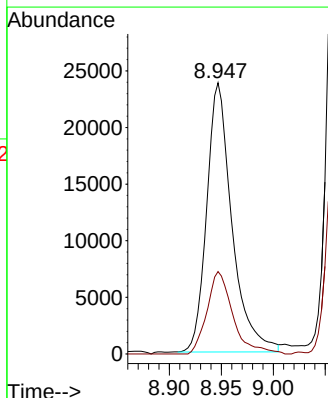
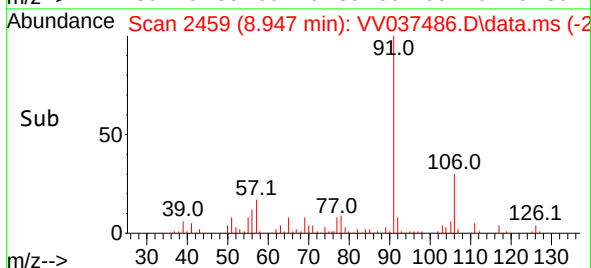
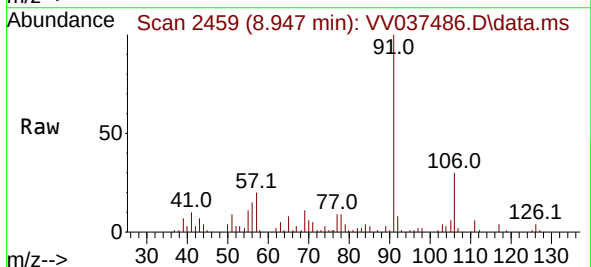
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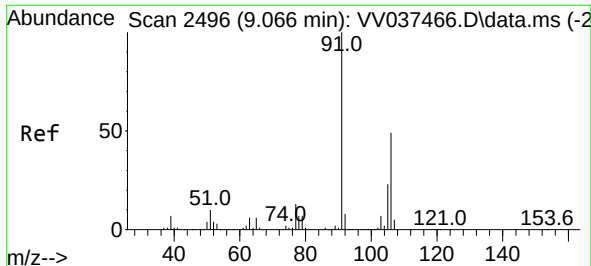
Reviewed By :Semsettin Yesilyurt 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#52
Ethylbenzene
Concen: 1.432 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

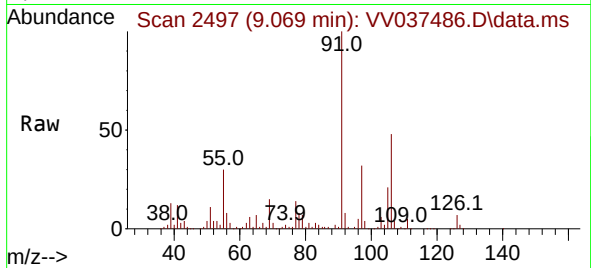
Tgt Ion: 91 Resp: 40114
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8





#53
m,p-Xylene
Concen: 7.145 ug/L
RT: 9.069 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

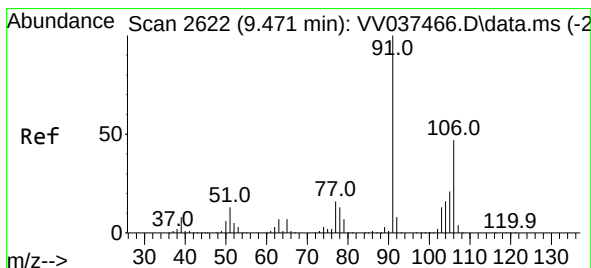
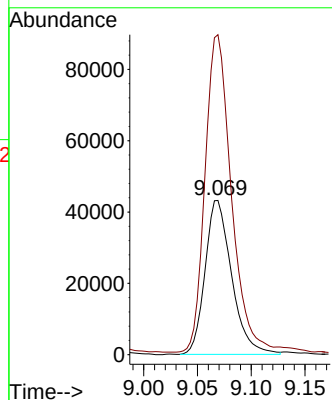
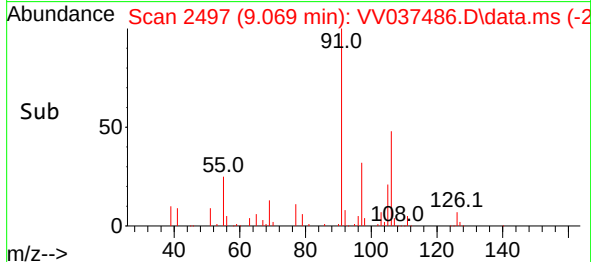
Instrument :
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ClientSampleId :
DDCL2ME



Tgt Ion:106 Resp: 7418
Ion Ratio Lower Upper
106 100
91 207.5 143.0 265.6

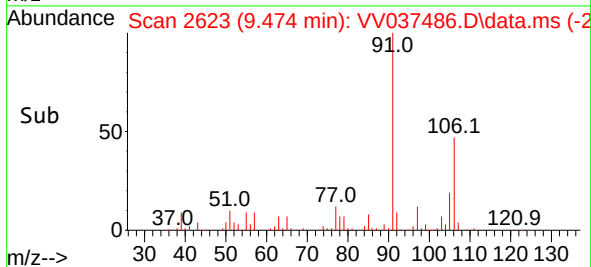
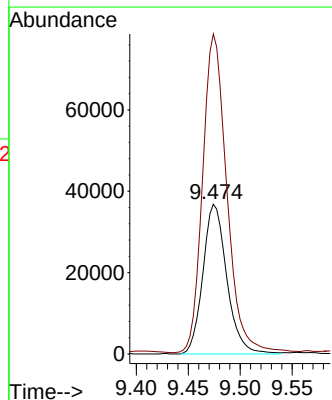
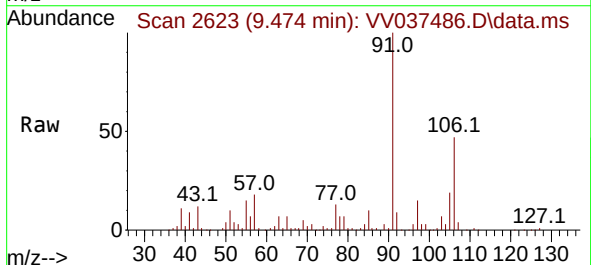
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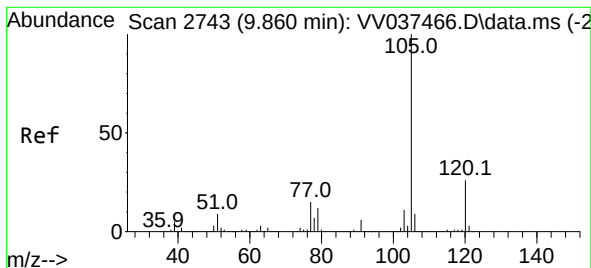
Reviewed By :Semsettin Yesilyurt 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#54
o-Xylene
Concen: 5.800 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

Tgt Ion:106 Resp: 58951
Ion Ratio Lower Upper
106 100
91 213.6 153.2 284.6





#60

Isopropylbenzene

Concen: 2.118 ug/L m

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037486.D

Acq: 23 Sep 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :

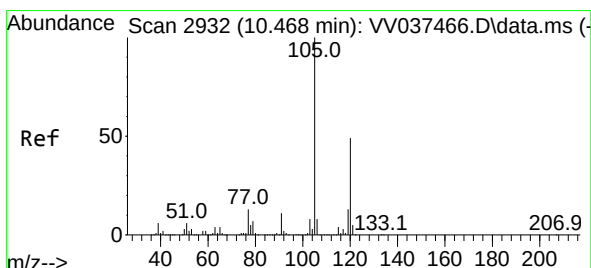
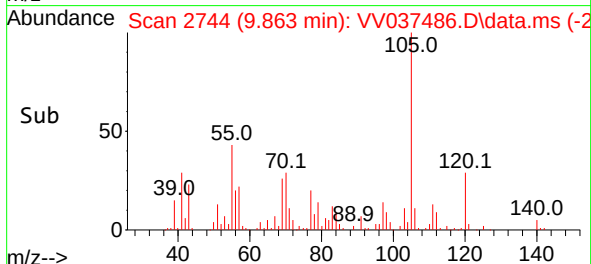
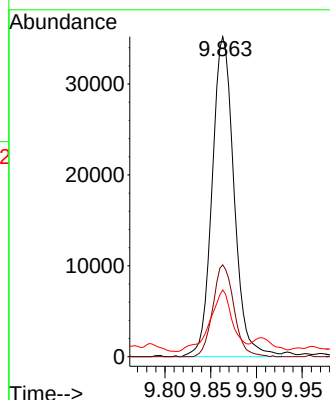
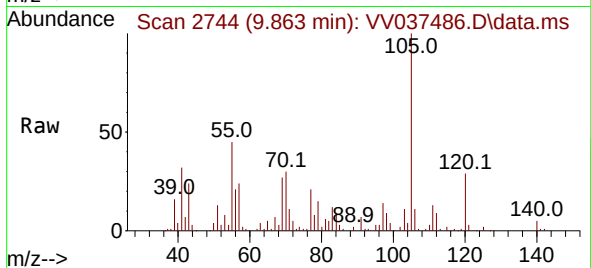
DDCL2ME

Tgt Ion:105 Resp: 58662
 Ion Ratio Lower Upper
 105 100
 120 238.9 20.9 31.3
 77 104.2 12.6 19.0

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#62

1,3,5-Trimethylbenzene

Concen: 28.957 ug/L

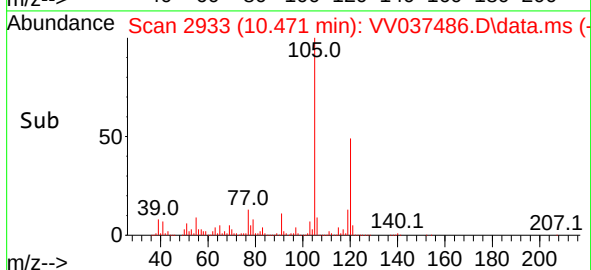
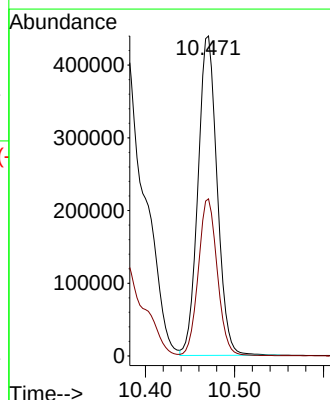
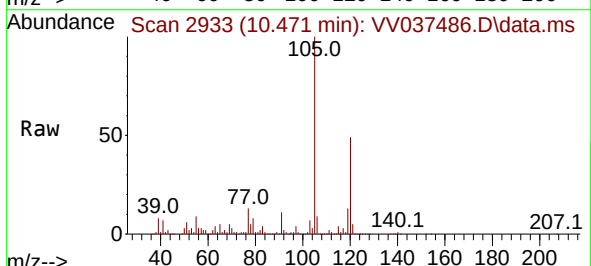
RT: 10.471 min Scan# 2933

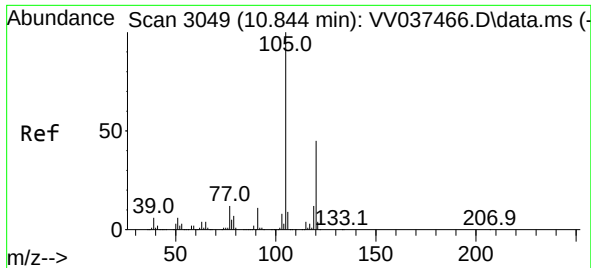
Delta R.T. 0.003 min

Lab File: VV037486.D

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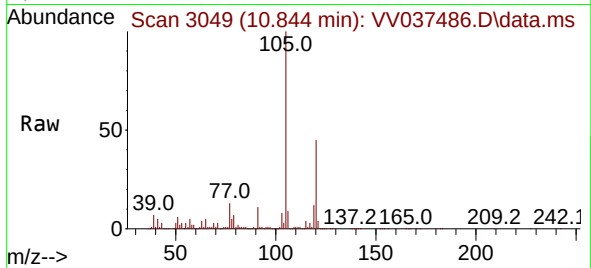
Tgt Ion:105 Resp: 656255
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 49.859 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV037486.D
 Acq: 23 Sep 2024 16:38

Instrument :
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Tgt Ion:105 Resp: 1127632
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.8 53.6

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