

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037482.D
 Acq On : 23 Sep 2024 15:12
 Operator : SY/MD
 Sample : P4024-01ME 2X
 Misc : 6.18G/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DD5ME

Quant Time: Sep 24 04:00:05 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

Manual Integrations APPROVED

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

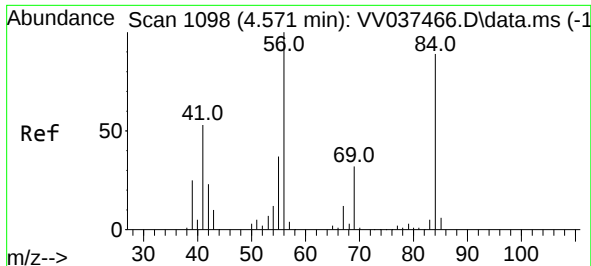
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	669771	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	655042	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	396407	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	246925	40.302	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.600%		
7) Chloroethane-d5	1.503	69	106565	22.505	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	45.020%#		
11) 1,1-Dichloroethene-d2	2.050	65	107484	41.740	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.480%		
21) 2-Butanone-d5	3.793	46	210752	88.827	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.830%		
24) Chloroform-d	4.239	84	447410	46.659	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.320%		
26) 1,2-Dichloroethane-d4	4.931	65	273554	45.301	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.600%		
32) Benzene-d6	4.950	84	922249	46.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.220%		
36) 1,2-Dichloropropane-d6	5.982	67	301735	48.692	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.380%		
41) Toluene-d8	7.236	98	830670	46.521	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.040%		
43) trans-1,3-Dichloroprop...	7.548	79	133902	46.706	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.420%		
47) 2-Hexanone-d5	8.024	63	187923	111.116	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.120%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	705654m	93.892	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	187.780%#		
66) 1,2-Dichlorobenzene-d4	11.554	152	394641	49.708	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.420%		
Target Compounds						
					Qvalue	
29) Cyclohexane	4.564	56	45015	5.845	ug/L #	64
30) 1,1,1-Trichloroethane	4.506	97	38278	5.079	ug/L	98
33) Benzene	5.011	78	26543	1.404	ug/L	100
34) Trichloroethene	5.831	95	26625	5.336	ug/L	97
35) Methylcyclohexane	6.040	83	109873	13.553	ug/L	93
42) Toluene	7.307	91	942758	47.898	ug/L	99
46) Tetrachloroethene	7.902	164	26923	7.520	ug/L	97
52) Ethylbenzene	8.940	91	635970	28.606	ug/L	99
53) m,p-Xylene	9.066	106	991749	120.398	ug/L	100
54) o-Xylene	9.471	106	735646	91.212	ug/L	100
60) Isopropylbenzene	9.860	105	854858	33.265	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	4323994	205.653	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	11056703	526.944	ug/L	96

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

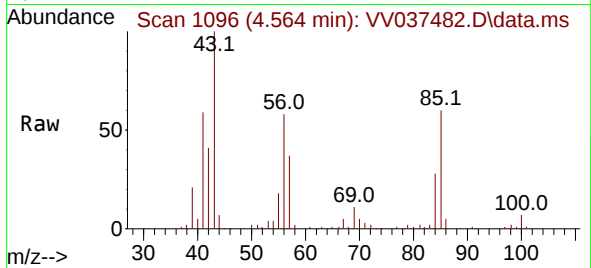
Reviewed By :Semsettin Yesilyurt 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

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#29
Cyclohexane
Concen: 5.845 ug/L
RT: 4.564 min Scan# 1096
Delta R.T. -0.007 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

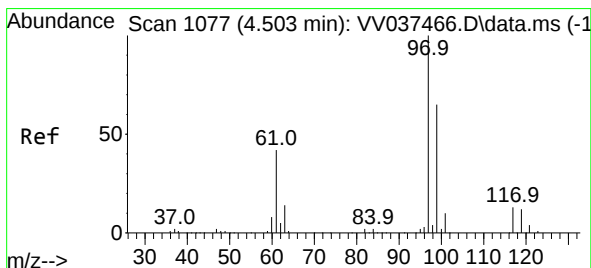
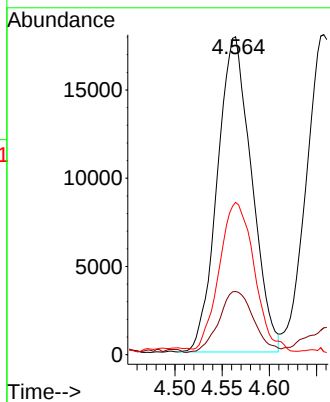
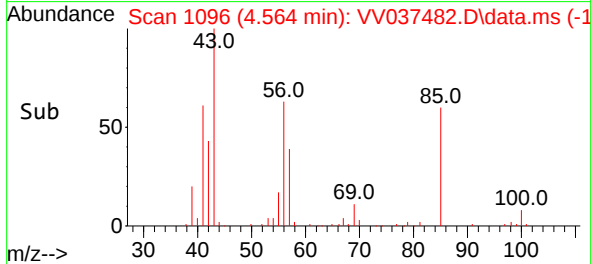
Instrument :
MSVOA_V
ClientSampleId :
DDCD5ME



Tgt Ion: 56 Resp: 4501
Ion Ratio Lower Upper
56 100
69 19.6 24.2 36.4
84 48.2 69.8 104.8

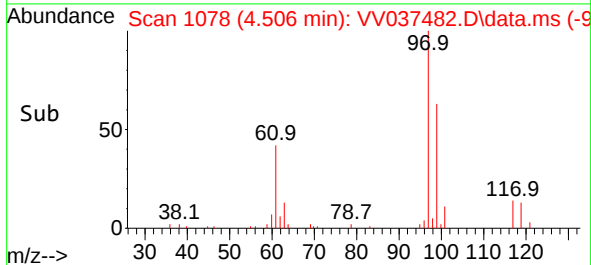
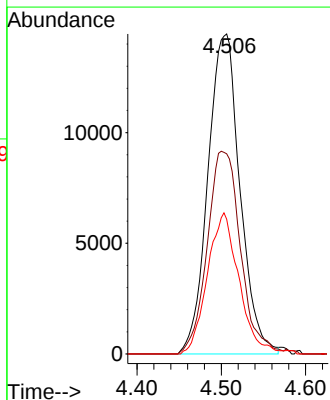
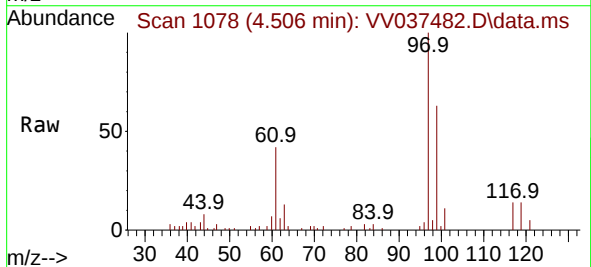
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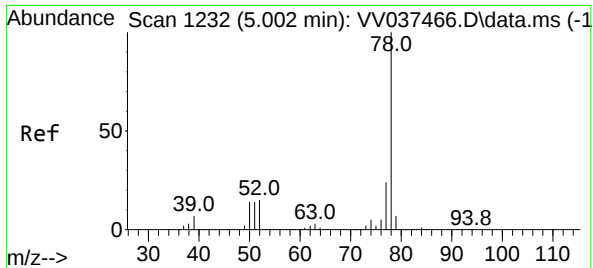
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Supervised By :Mahesh Dadoda 09/24/2024



#30
1,1,1-Trichloroethane
Concen: 5.079 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

Tgt Ion: 97 Resp: 38278
Ion Ratio Lower Upper
97 100
99 65.6 51.6 77.4
61 43.3 35.8 53.6





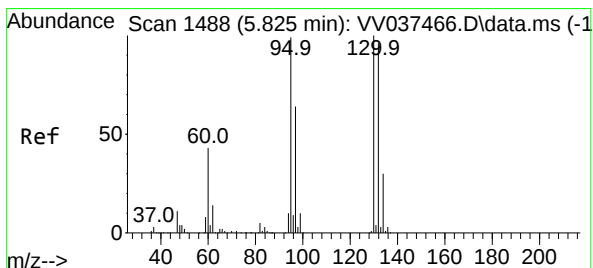
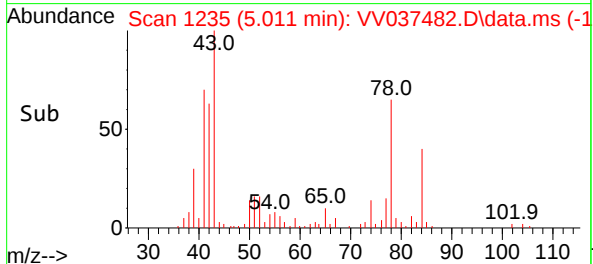
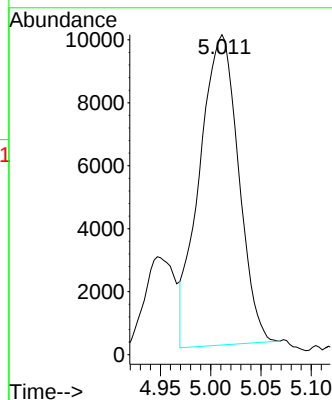
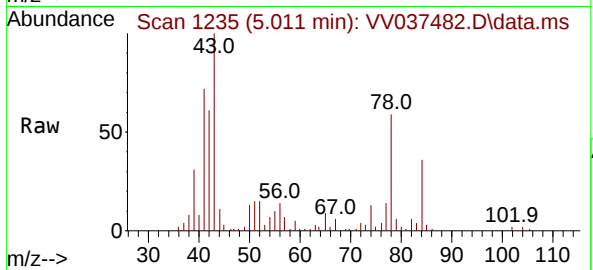
#33
Benzene
Concen: 1.404 ug/L
RT: 5.011 min Scan# 1490
Delta R.T. 0.010 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

Instrument :
MSVOA_V
ClientSampleId :
DDCD5ME

Tgt Ion: 78 Resp: 2654

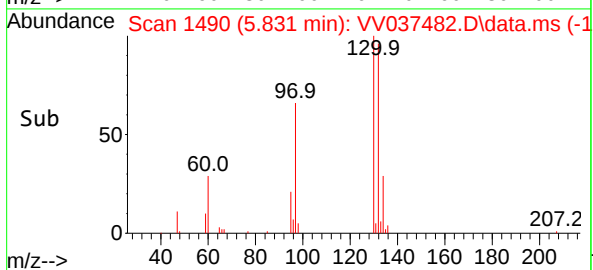
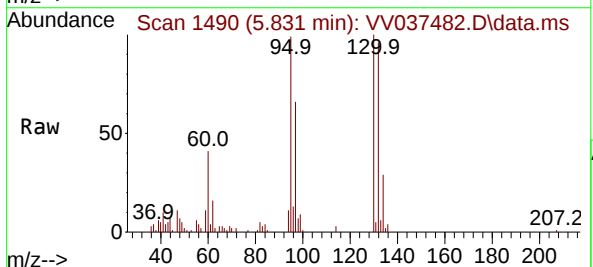
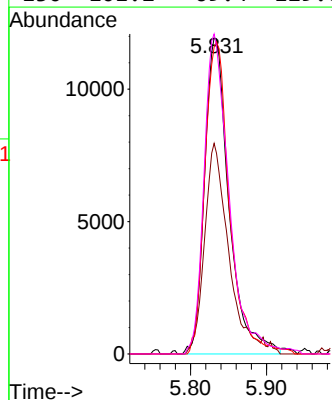
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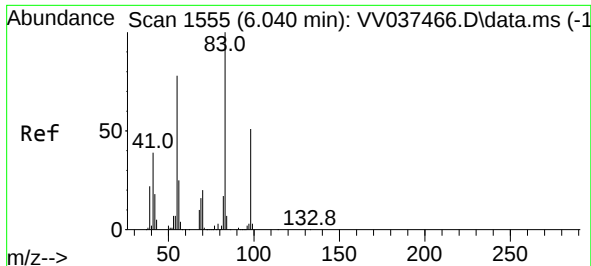
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Supervised By :Mahesh Dadoda 09/24/2024



#34
Trichloroethene
Concen: 5.336 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

Tgt Ion: 95 Resp: 26625
Ion Ratio Lower Upper
95 100
97 66.6 44.4 82.5
132 97.0 64.9 120.5
130 101.2 69.4 129.0





#35

Methylcyclohexane

Concen: 13.553 ug/L

RT: 6.040 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037482.D

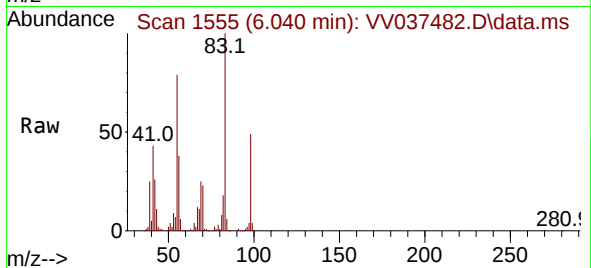
Acq: 23 Sep 2024 15:12

Instrument :

MSVOA_V

ClientSampleId :

DDCD5ME

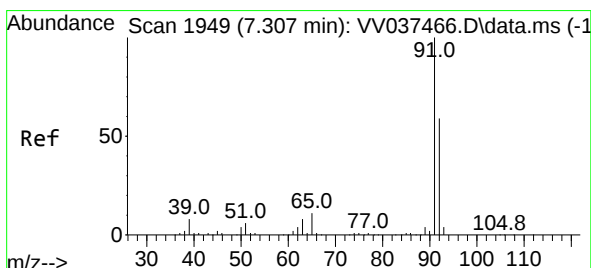
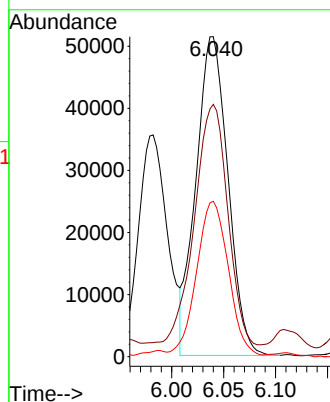
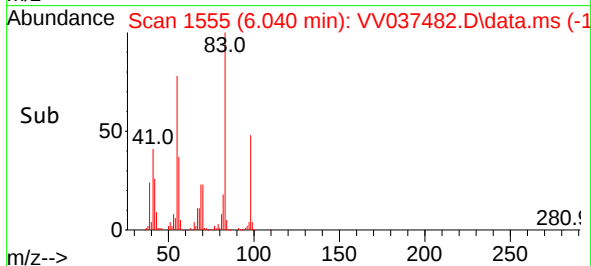


Tgt Ion:	83	Resp:	10987
Ion Ratio	100	Lower	Upper
83	100		
55	84.6	61.2	91.8
98	47.5	39.3	58.9

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#42

Toluene

Concen: 47.898 ug/L

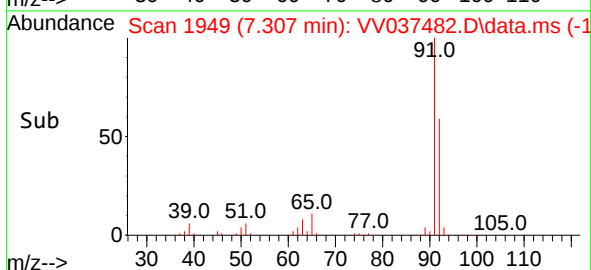
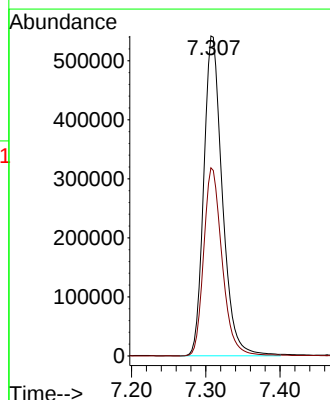
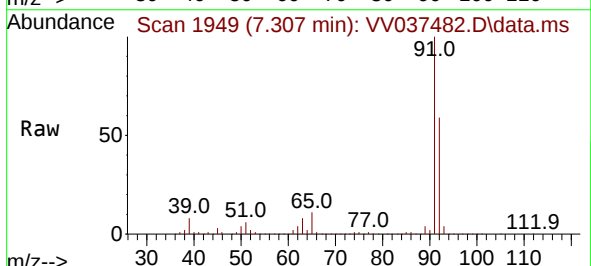
RT: 7.307 min Scan# 1949

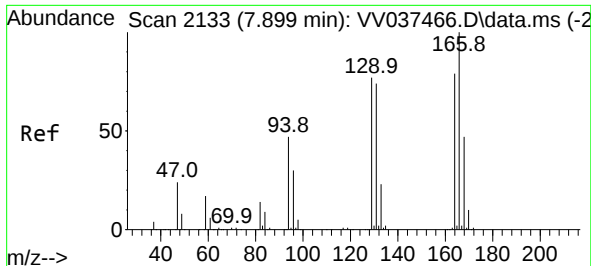
Delta R.T. -0.000 min

Lab File: VV037482.D

Acq: 23 Sep 2024 15:12

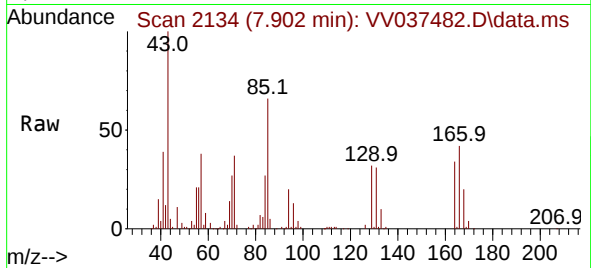
Tgt Ion:	91	Resp:	942758
Ion Ratio	100	Lower	Upper
91	100		
92	58.8	40.8	75.8





#46
Tetrachloroethene
Concen: 7.520 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

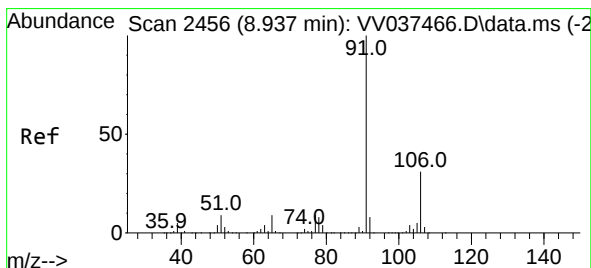
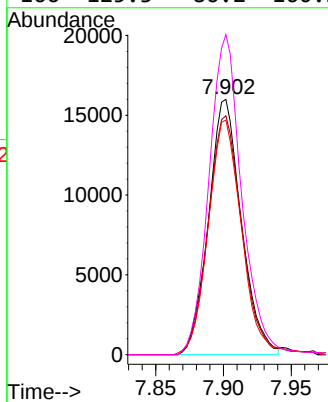
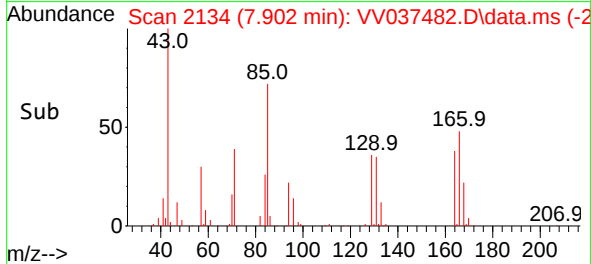
Instrument :
MSVOA_V
ClientSampleId :
DDCD5ME



Tgt Ion:164 Resp: 2692
Ion Ratio Lower Upper
164 100
129 93.5 67.1 124.7
131 91.9 67.0 124.4
166 125.3 86.2 160.2

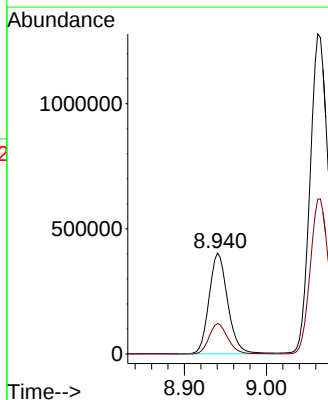
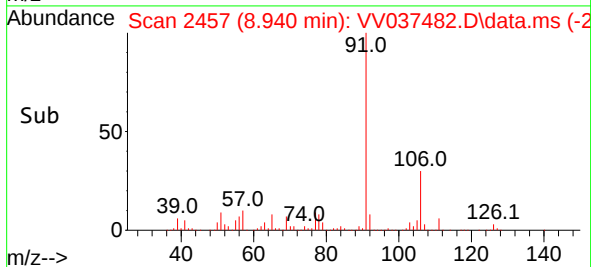
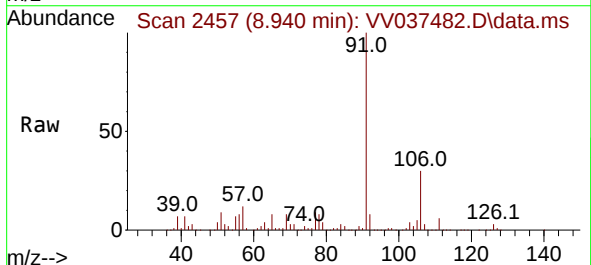
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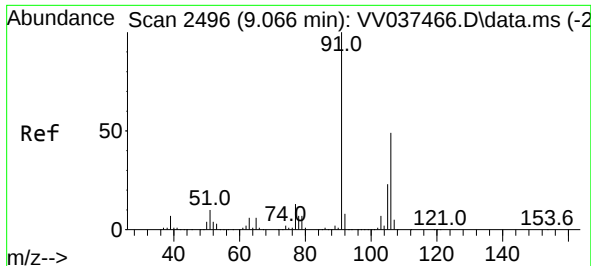
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Supervised By :Mahesh Dadoda 09/24/2024



#52
Ethylbenzene
Concen: 28.606 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

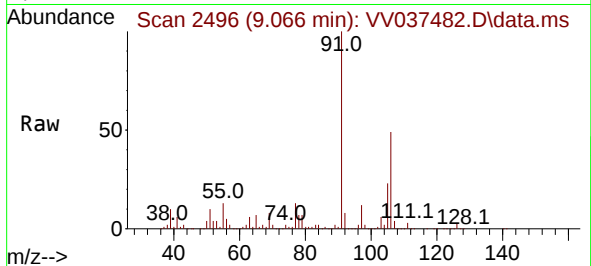
Tgt Ion: 91 Resp: 635970
Ion Ratio Lower Upper
91 100
106 30.1 21.4 39.8





#53
m,p-Xylene
Concen: 120.398 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

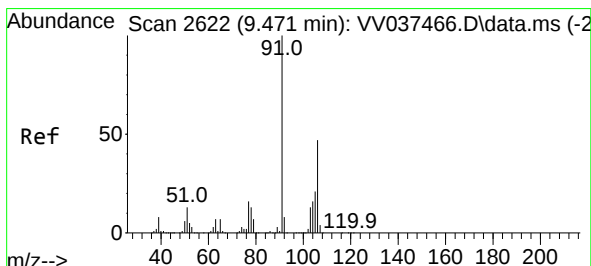
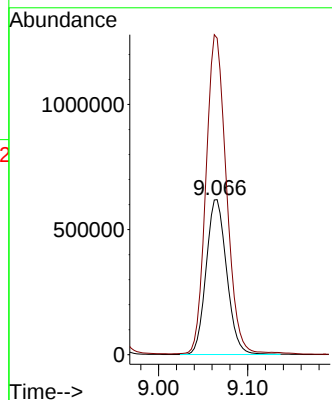
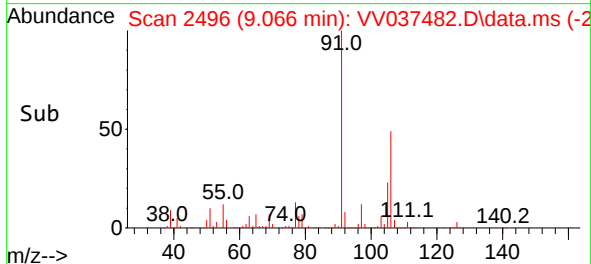
Instrument :
MSVOA_V
ClientSampleId :
DDCD5ME



Tgt Ion:106 Resp: 991749
Ion Ratio Lower Upper
106 100
91 204.1 143.0 265.6

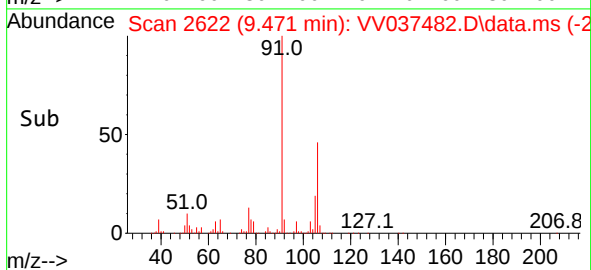
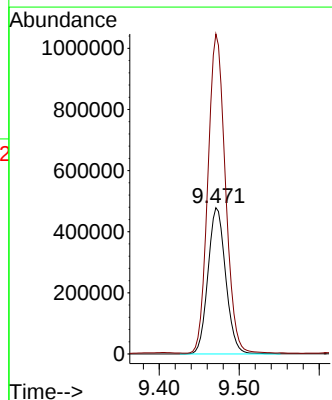
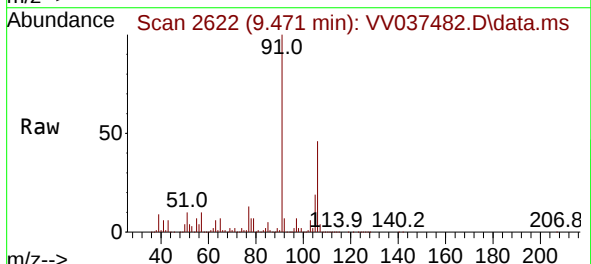
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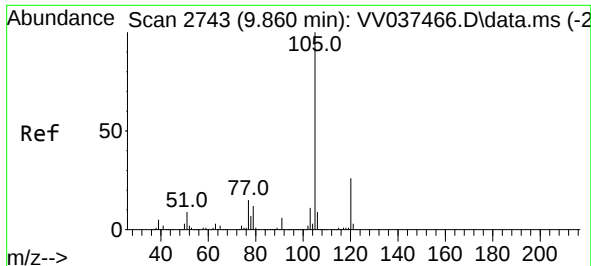
Reviewed By :Semsettin Yesilyurt 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#54
o-Xylene
Concen: 91.212 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

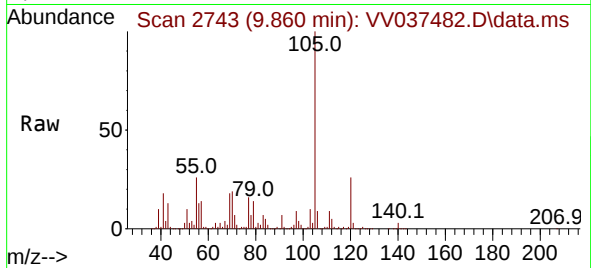
Tgt Ion:106 Resp: 735646
Ion Ratio Lower Upper
106 100
91 218.9 153.2 284.6





#60
Isopropylbenzene
Concen: 33.265 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

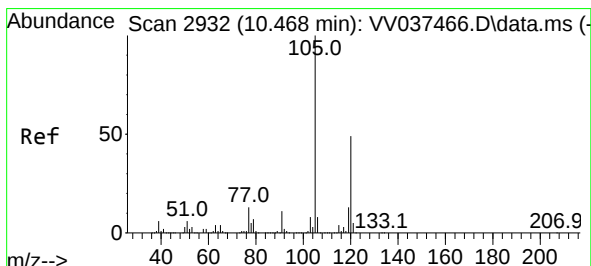
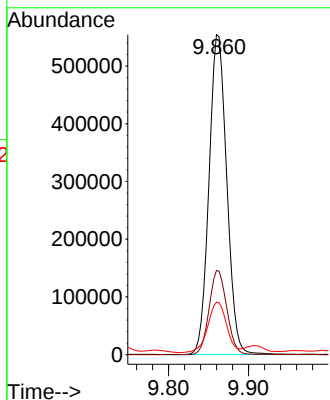
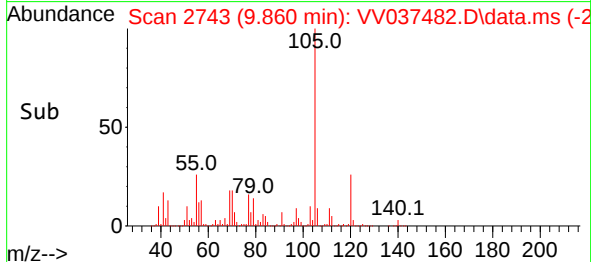
Instrument :
MSVOA_V
ClientSampleId :
DDCD5ME



Tgt Ion:105 Resp: 854858
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.6 12.6 19.0

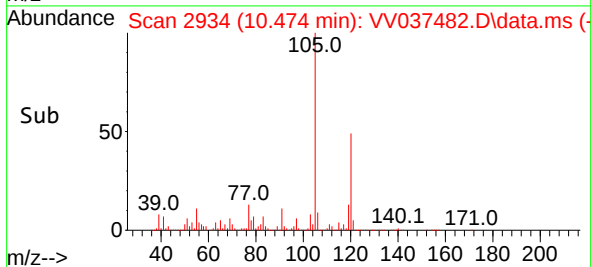
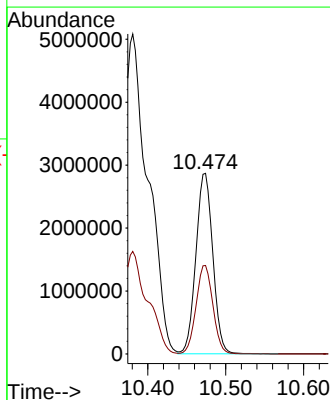
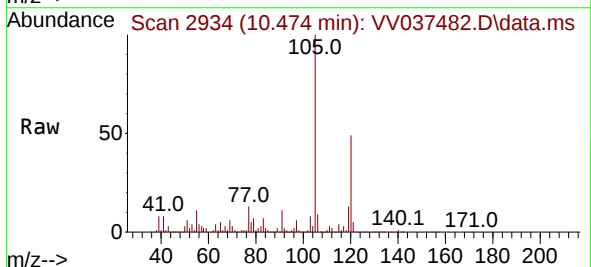
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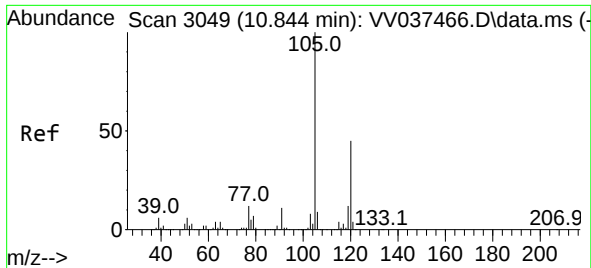
Reviewed By :Semsettin Yesilyurt 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#62
1,3,5-Trimethylbenzene
Concen: 205.653 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.006 min
Lab File: VV037482.D
Acq: 23 Sep 2024 15:12

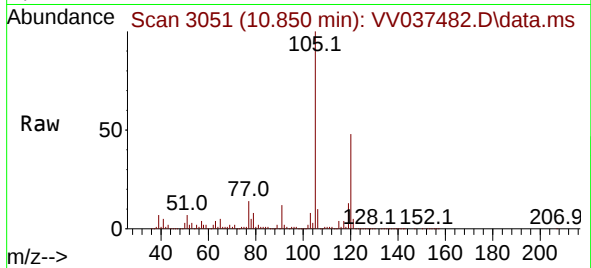
Tgt Ion:105 Resp: 4323994
Ion Ratio Lower Upper
105 100
120 48.6 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 526.944 ug/L
 RT: 10.850 min Scan# 3049
 Delta R.T. 0.006 min
 Lab File: VV037482.D
 Acq: 23 Sep 2024 15:12

Instrument :
 MSVOA_V
 ClientSampleId :
 DDCD5ME



Tgt Ion:105 Resp:1105670
 Ion Ratio Lower Upper
 105 100
 120 47.2 35.8 53.6

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