

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036708.D
 Acq On : 25 Jul 2024 15:26
 Operator : SY/MD
 Sample : P3328-07
 Misc : 8.20g/10mL/MSVOA_V/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZW2

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 06:33:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	518576	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	505112	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	248870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	56954	10.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	40.120%		
7) Chloroethane-d5	1.529	69	69521	13.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.200%		
11) 1,1-Dichloroethene-d2	2.050	65	30806	10.258	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	41.040%#		
21) 2-Butanone-d5	3.831	46	58306m	43.988	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.980%		
24) Chloroform-d	4.243	84	238103	17.361	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.440%		
26) 1,2-Dichloroethane-d4	4.940	65	128008	18.919	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.680%		
32) Benzene-d6	4.957	84	334036	13.953	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	55.800%		
36) 1,2-Dichloropropane-d6	5.985	67	124789	18.294	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	73.160%		
41) Toluene-d8	7.243	98	295683	12.943	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	51.760%		
43) trans-1,3-Dichloroprop...	7.554	79	52436	17.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.160%		
47) 2-Hexanone-d5	8.030	63	43883	48.341	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.680%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	138450	23.288	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.160%		
66) 1,2-Dichlorobenzene-d4	11.558	152	185537	21.356	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.440%		
Target Compounds						
13) Acetone	2.156	43	62142	28.860	ug/L #	44
14) Carbon disulfide	2.233	76	12115	0.546	ug/L	100
34) Trichloroethene	5.838	95	16595	1.768	ug/L	95
35) Methylcyclohexane	6.043	83	9907	0.793	ug/L #	68
52) Ethylbenzene	8.950	91	23498	0.672	ug/L	100
53) m,p-Xylene	9.072	106	48661	3.566	ug/L	98
54) o-Xylene	9.484	106	7414	0.566	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	339803	14.304	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	1008177	41.925	ug/L	99

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

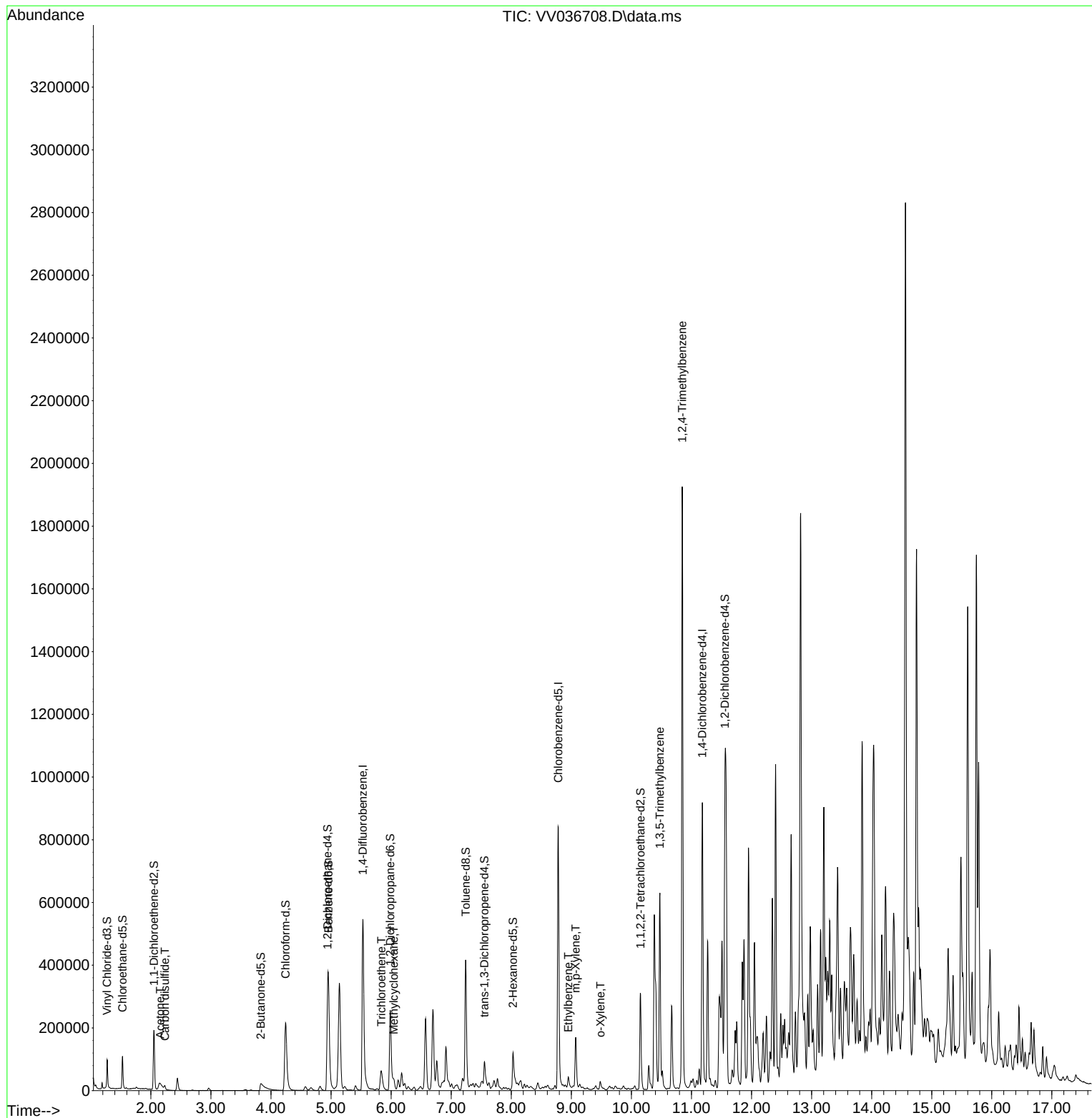
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036708.D
Acq On : 25 Jul 2024 15:26
Operator : SY/MD
Sample : P3328-07
Misc : 8.20g/10mL/MSVOA_V/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

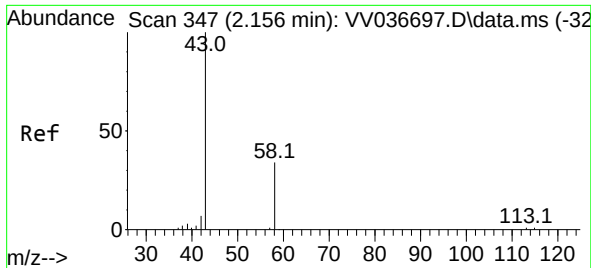
Instrument :
MSVOA_V
ClientSampleId :
E1ZW2

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 06:33:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 25 00:49:57 2024
Response via : Initial Calibration





#13

Acetone

Concen: 28.860 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.000 min

Lab File: VV036708.D

Acq: 25 Jul 2024 15:26

Instrument :

MSVOA_V

ClientSampleId :

E1ZW2

Tgt Ion: 43 Resp: 6214

Ion Ratio Lower Upper

43 100

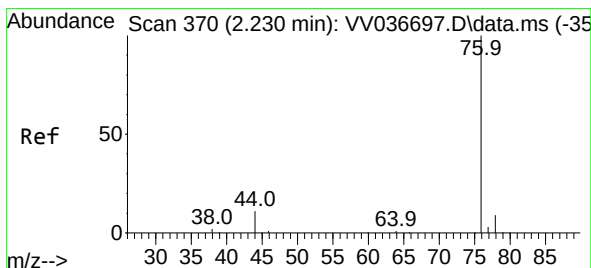
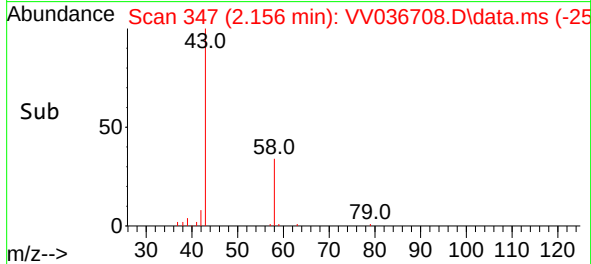
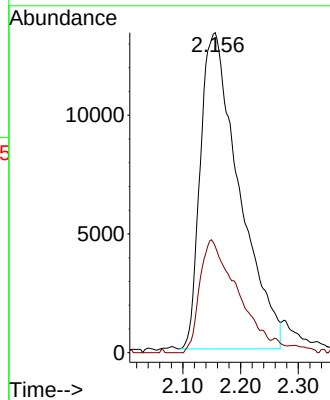
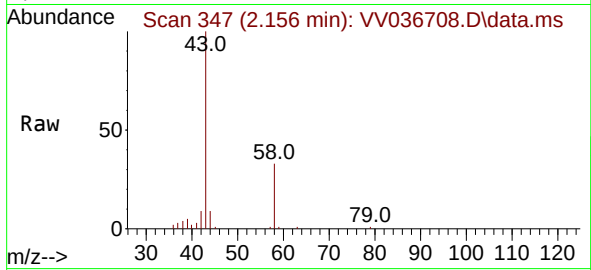
58 33.1 0.0 23.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#14

Carbon disulfide

Concen: 0.546 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036708.D

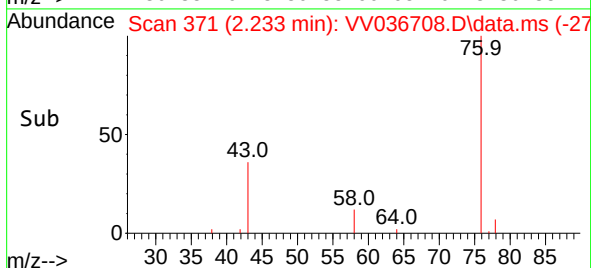
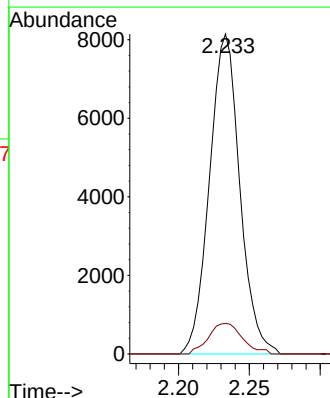
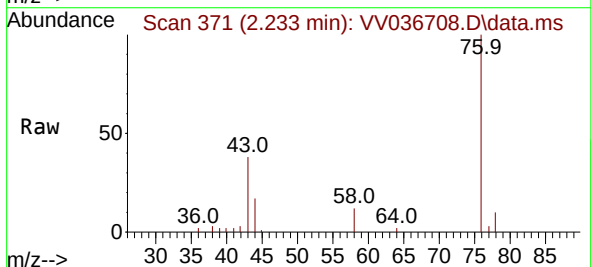
Acq: 25 Jul 2024 15:26

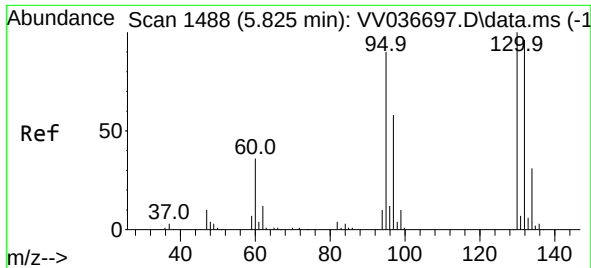
Tgt Ion: 76 Resp: 12115

Ion Ratio Lower Upper

76 100

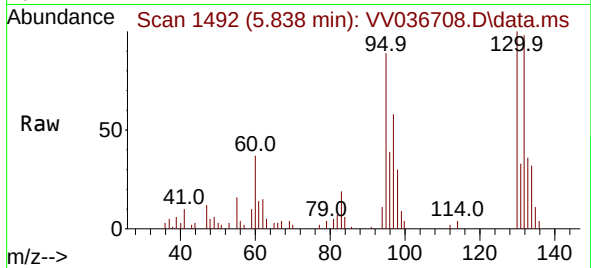
78 9.6 7.5 11.3





#34
Trichloroethene
Concen: 1.768 ug/L
RT: 5.838 min Scan# 1488
Delta R.T. 0.013 min
Lab File: VV036708.D
Acq: 25 Jul 2024 15:26

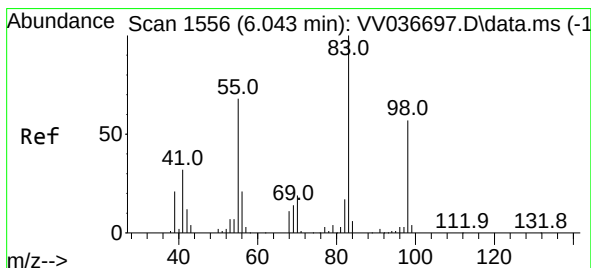
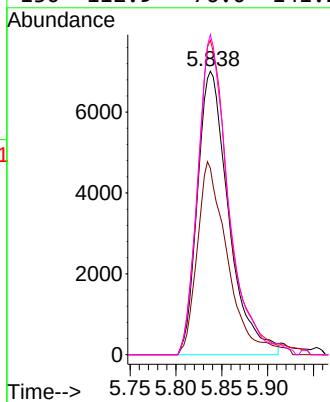
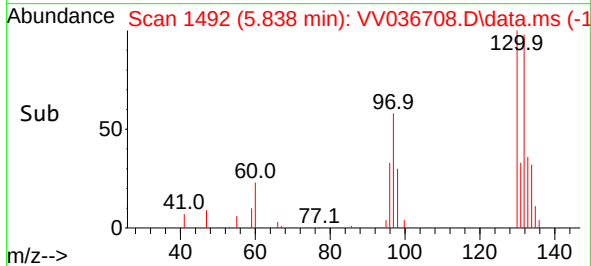
Instrument :
MSVOA_V
ClientSampleId :
E1ZW2



Tgt Ion: 95 Resp: 1659
Ion Ratio Lower Upper
95 100
97 65.8 45.1 83.7
132 111.0 72.7 134.9
130 112.9 76.0 141.2

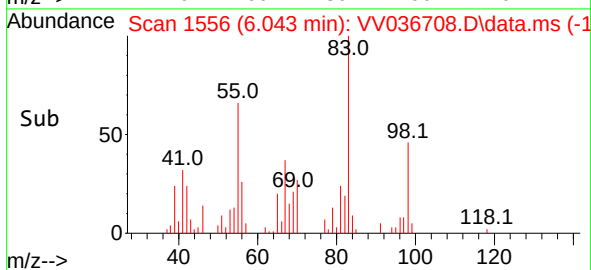
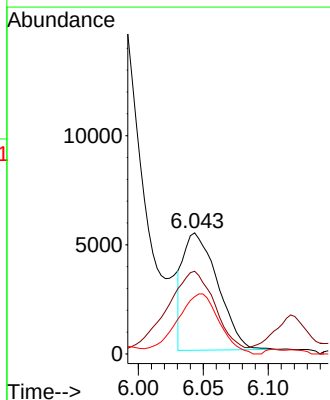
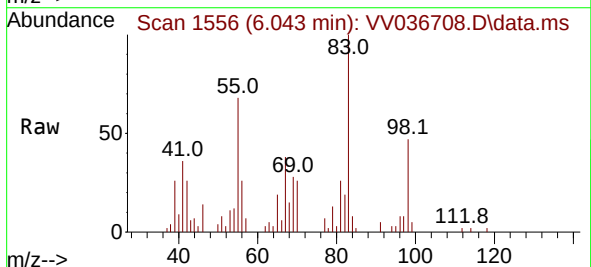
Manual Integrations
APPROVED

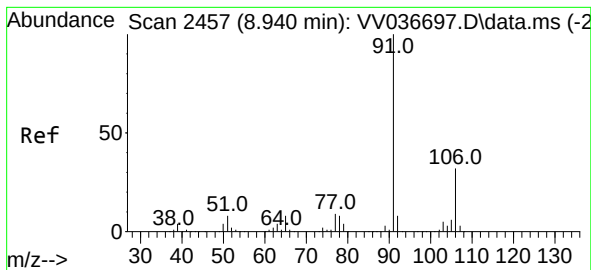
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV036708.D
Acq: 25 Jul 2024 15:26

Tgt Ion: 83 Resp: 9907
Ion Ratio Lower Upper
83 100
55 98.1 50.8 76.2#
98 62.9 41.3 61.9#





#52

Ethylbenzene

Concen: 0.672 ug/L

RT: 8.950 min Scan# 2458

Delta R.T. 0.010 min

Lab File: VV036708.D

Acq: 25 Jul 2024 15:26

Instrument :

MSVOA_V

ClientSampleId :

E1ZW2

Tgt Ion: 91 Resp: 23498

Ion Ratio Lower Upper

91 100

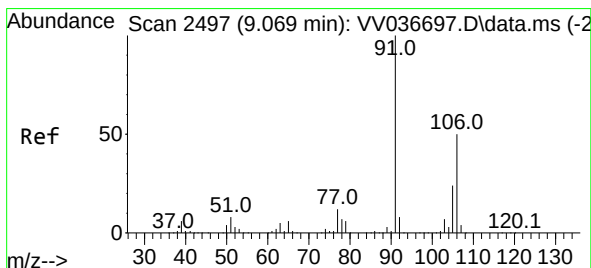
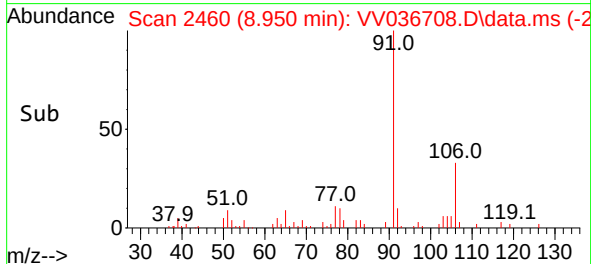
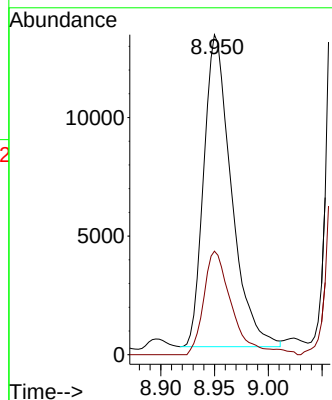
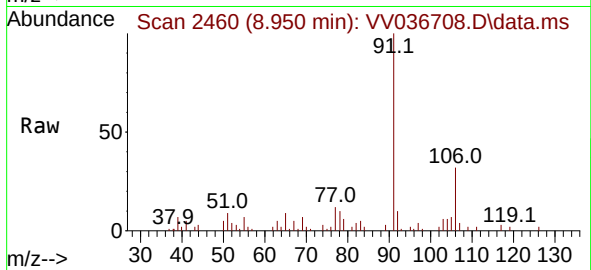
106 32.4 22.5 41.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#53

m,p-Xylene

Concen: 3.566 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV036708.D

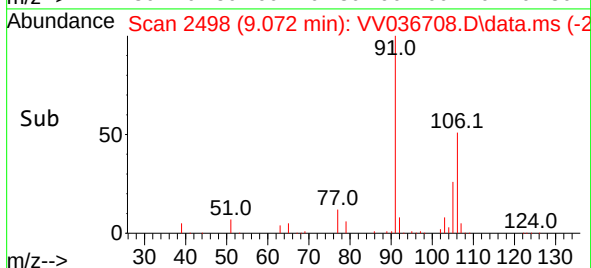
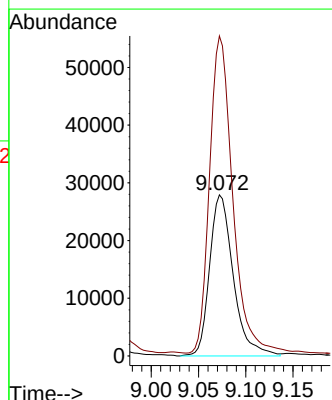
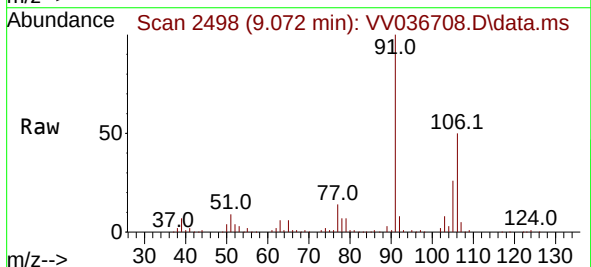
Acq: 25 Jul 2024 15:26

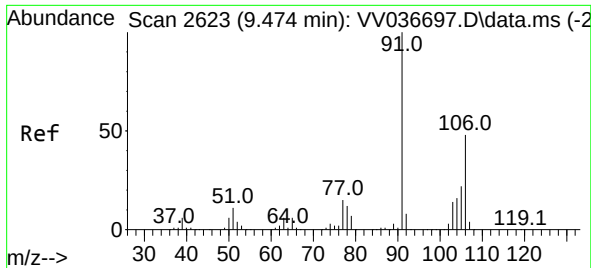
Tgt Ion:106 Resp: 48661

Ion Ratio Lower Upper

106 100

91 198.6 136.8 254.0





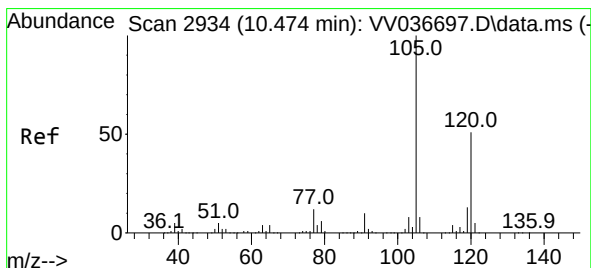
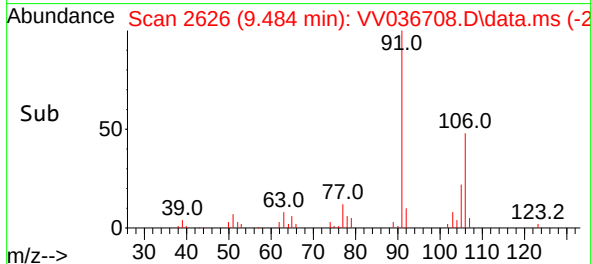
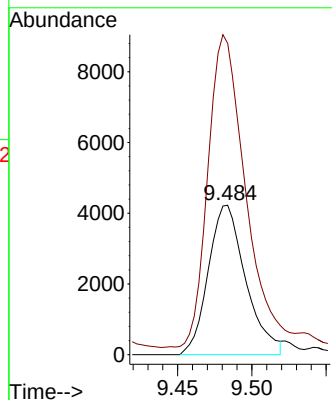
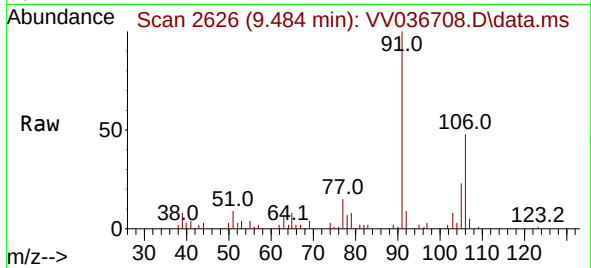
#54
o-Xylene
Concen: 0.566 ug/L
RT: 9.484 min Scan# 2623
Delta R.T. 0.010 min
Lab File: VV036708.D
Acq: 25 Jul 2024 15:26

Instrument :
MSVOA_V
ClientSampleId :
E1ZW2

Tgt Ion:106 Resp: 7414
Ion Ratio Lower Upper
106 100
91 208.3 146.1 271.3

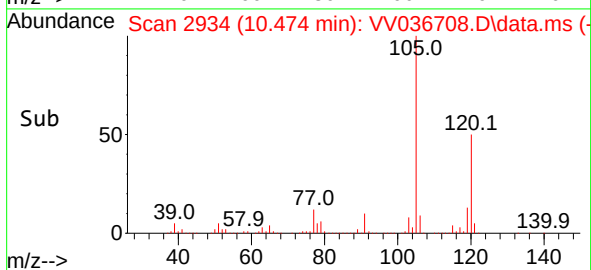
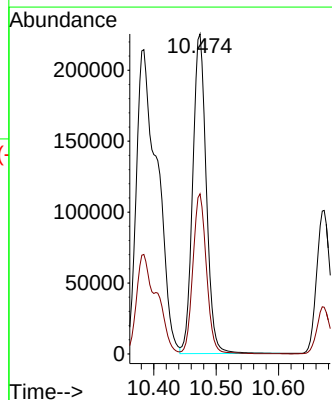
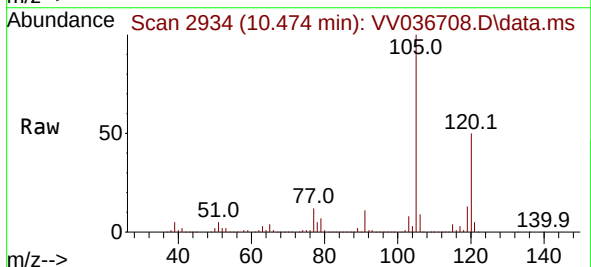
Manual Integrations
APPROVED

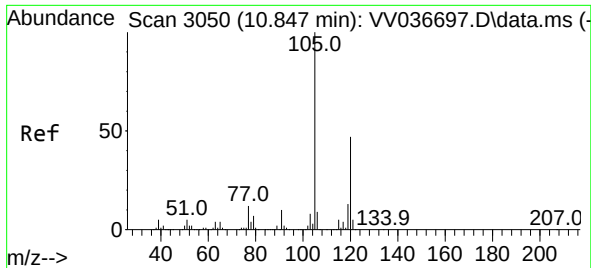
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#62
1,3,5-Trimethylbenzene
Concen: 14.304 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV036708.D
Acq: 25 Jul 2024 15:26

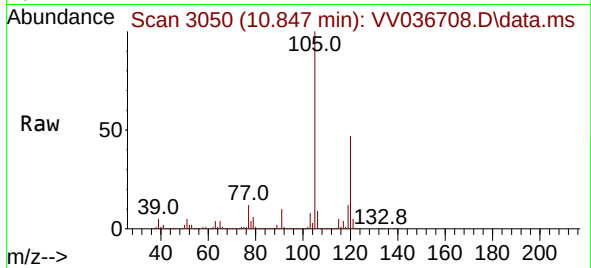
Tgt Ion:105 Resp: 339803
Ion Ratio Lower Upper
105 100
120 49.9 39.8 59.8





#63
 1,2,4-Trimethylbenzene
 Concen: 41.925 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. 0.000 min
 Lab File: VV036708.D
 Acq: 25 Jul 2024 15:26

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZW2



Tgt Ion:105 Resp: 100817
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.2 55.8

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

