

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062024\
 Data File : VW036181.D
 Acq On : 20 Jun 2024 23:15
 Operator : SY/MD
 Sample : P2962-09
 Misc : 5.10g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COT81

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
 Supervised By :Semsettin Yesilyurt 06/22/2024

Quant Time: Jun 21 05:14:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	367109	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	330377	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	120202	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	146477	21.703	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.800%		
7) Chloroethane-d5	1.526	69	121762m	22.625	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.520%		
11) 1,1-Dichloroethene-d2	2.050	65	58456	19.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.840%		
21) 2-Butanone-d5	3.831	46	49618	32.042	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	64.080%		
24) Chloroform-d	4.243	84	251077	21.512	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.040%		
26) 1,2-Dichloroethane-d4	4.937	65	148857	24.326	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.320%		
32) Benzene-d6	4.953	84	492122	25.059	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	100.240%		
36) 1,2-Dichloropropane-d6	5.985	67	159411	25.777	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.120%		
41) Toluene-d8	7.239	98	389991	22.507	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.040%		
43) trans-1,3-Dichloroprop...	7.554	79	54452	21.474	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.880%		
47) 2-Hexanone-d5	8.030	63	44362	52.945	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.880%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	107311	23.221	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.880%		
66) 1,2-Dichlorobenzene-d4	11.557	152	97330	22.081	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.320%		
Target Compounds						
13) Acetone	2.146	43	14933m	6.191	ug/L	
14) Carbon disulfide	2.233	76	18248	0.894	ug/L	98
16) Methylene chloride	2.442	84	65072	7.833	ug/L	99
34) Trichloroethene	5.831	95	64080	9.676	ug/L	99
42) Toluene	7.313	91	700947	31.747	ug/L	99
46) Tetrachloroethene	7.908	164	6494247	1340.837	ug/L	96
52) Ethylbenzene	8.943	91	885396	37.481	ug/L	100
53) m,p-Xylene	9.069	106	468492	52.781	ug/L	99
54) o-Xylene	9.477	106	171685	20.511	ug/L	99
55) Styrene	9.500	104	41477	2.810	ug/L	89
60) Isopropylbenzene	9.869	105	10659	0.691	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	41514	3.712	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	146240	12.138	ug/L	99

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

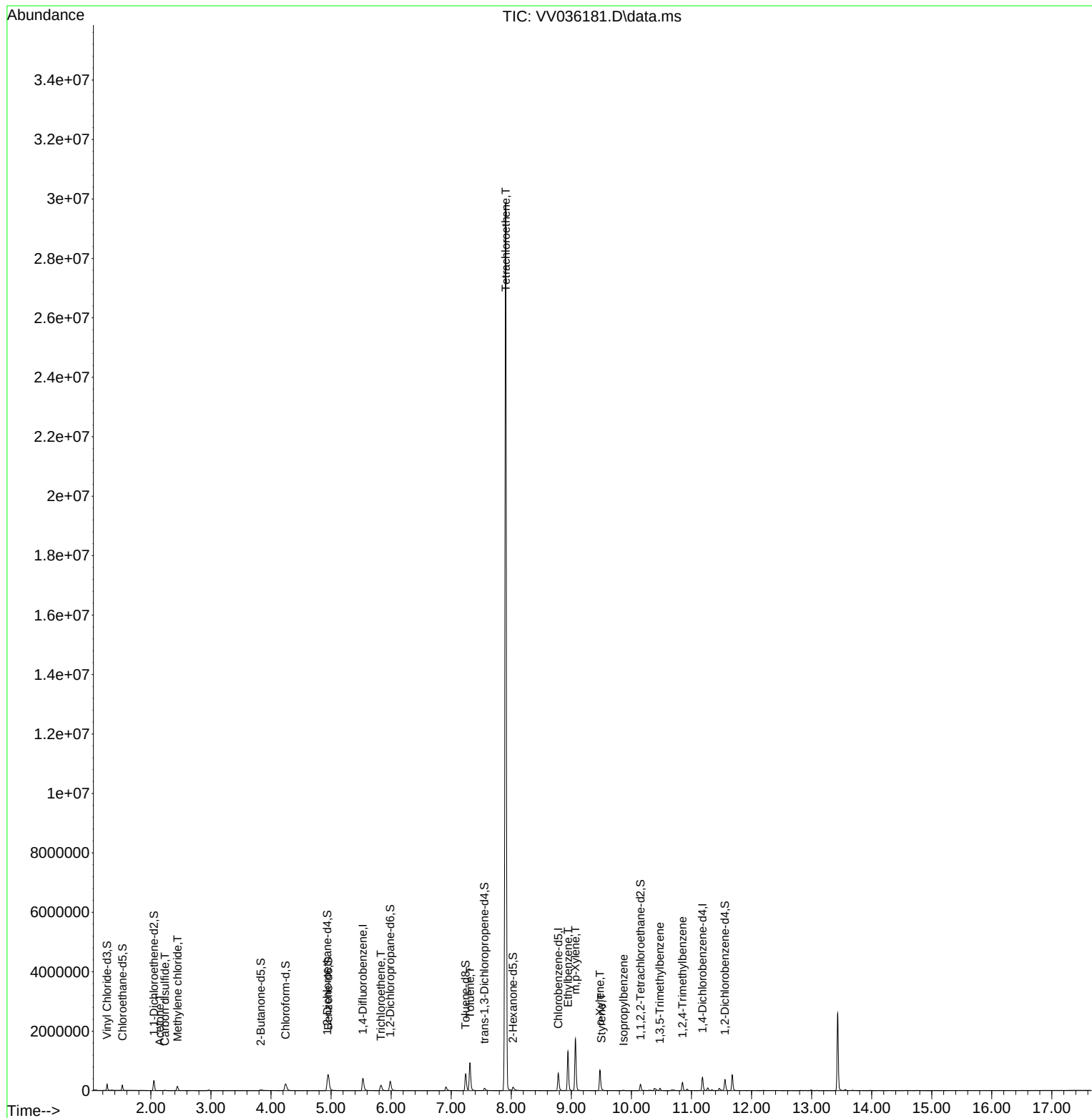
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036181.D
Acq On : 20 Jun 2024 23:15
Operator : SY/MD
Sample : P2962-09
Misc : 5.10g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

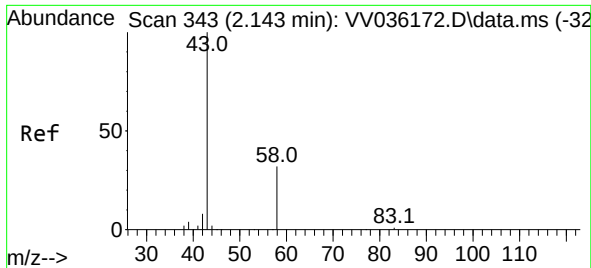
Instrument :
MSVOA_V
ClientSampleId :
COT81

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024

Quant Time: Jun 21 05:14:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.191 ug/L m

RT: 2.146 min Scan# 34

Delta R.T. -0.000 min

Lab File: VV036181.D

Acq: 20 Jun 2024 23:15

Instrument :

MSVOA_V

ClientSampleId :

C0T81

Tgt Ion: 43 Resp: 1493

Ion Ratio Lower Upper

43 100

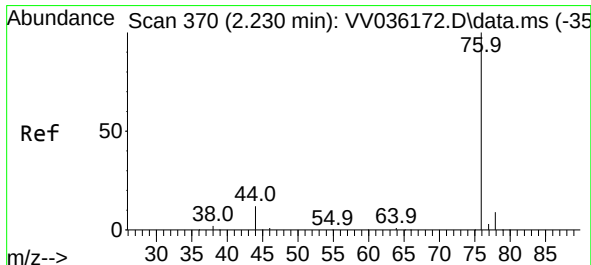
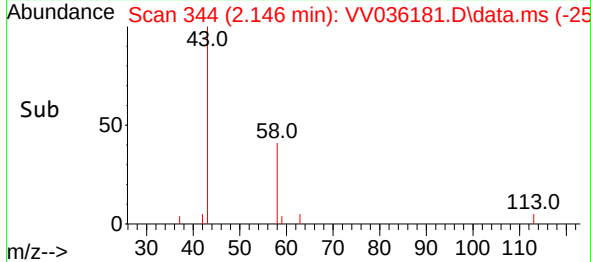
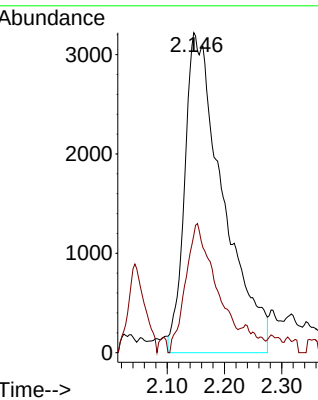
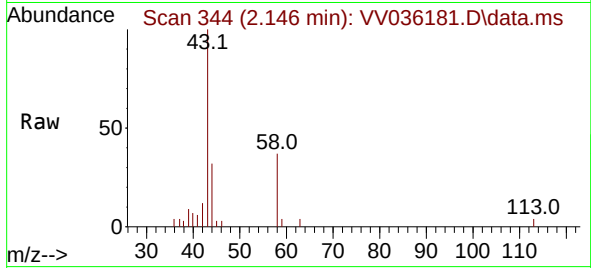
58 31.9 0.0 24.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024

Supervised By :Semsettin Yesilyurt 06/22/2024



#14

Carbon disulfide

Concen: 0.894 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036181.D

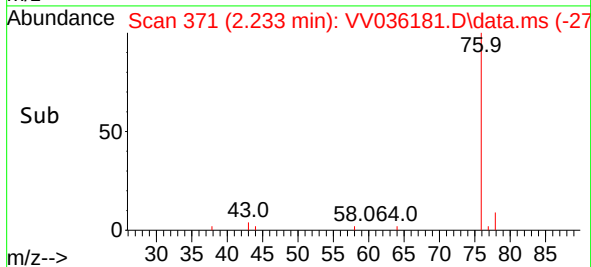
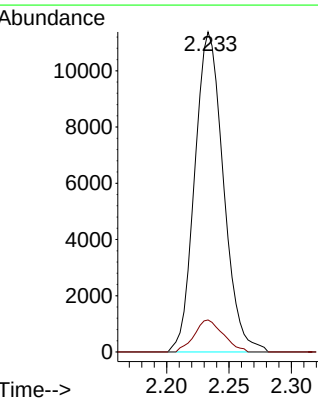
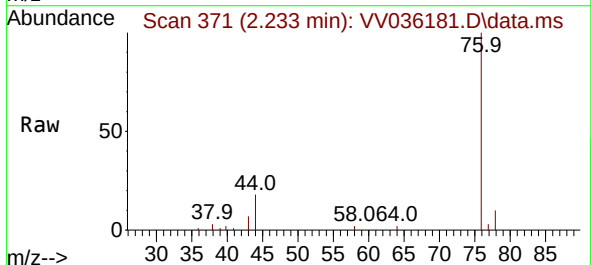
Acq: 20 Jun 2024 23:15

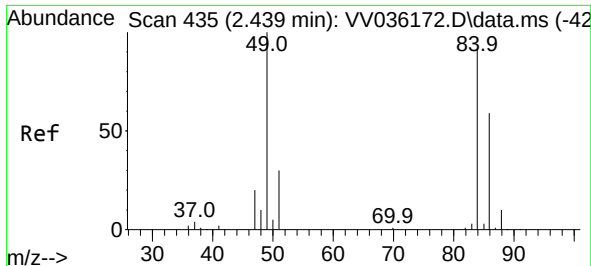
Tgt Ion: 76 Resp: 18248

Ion Ratio Lower Upper

76 100

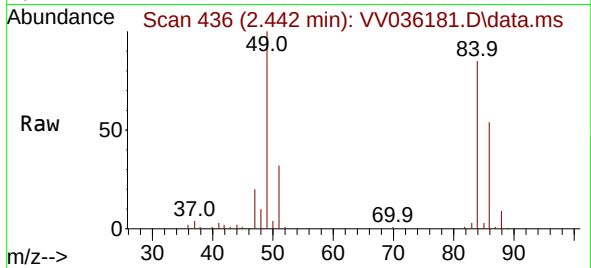
78 10.0 7.4 11.2





#16
Methylene chloride
Concen: 7.833 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15

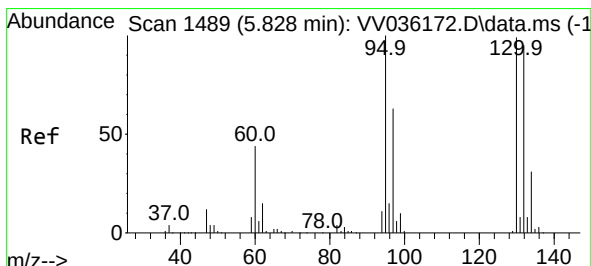
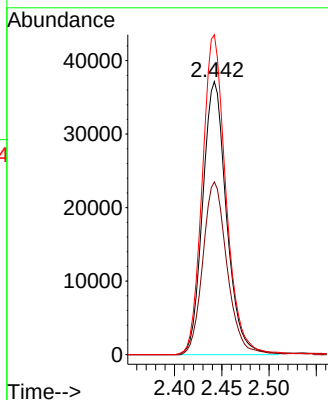
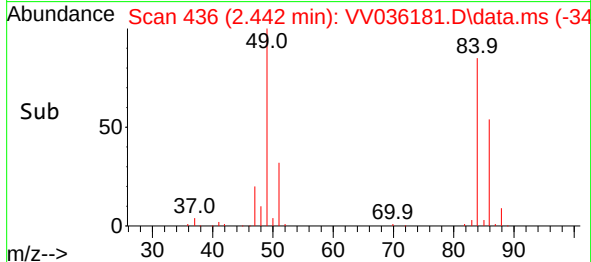
Instrument :
MSVOA_V
ClientSampleId :
COT81



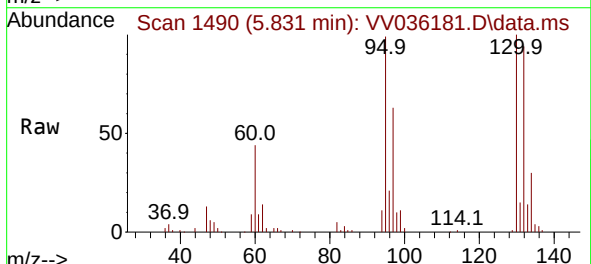
Tgt Ion: 84 Resp: 65072
Ion Ratio Lower Upper
84 100
86 63.3 44.6 82.8
49 117.2 81.1 150.5

Manual Integrations
APPROVED

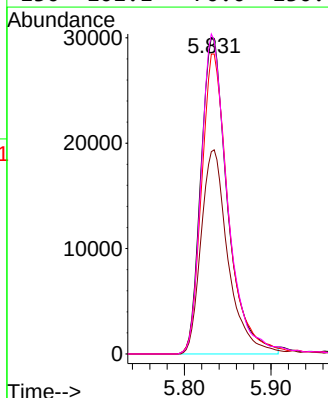
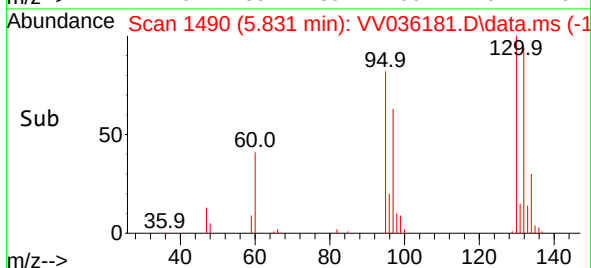
Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024

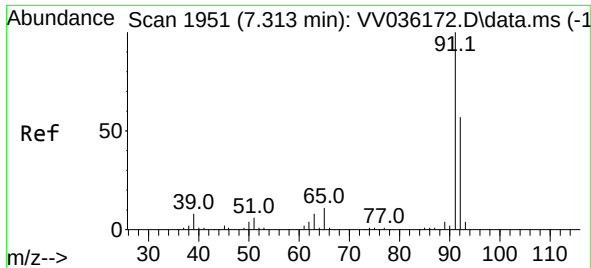


#34
Trichloroethene
Concen: 9.676 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15



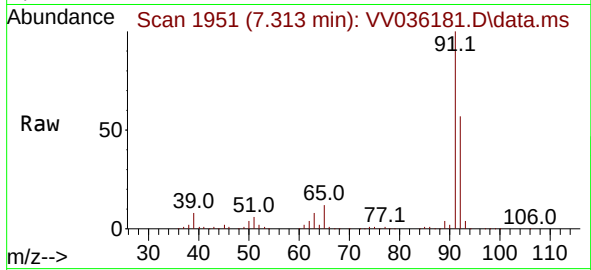
Tgt Ion: 95 Resp: 64080
Ion Ratio Lower Upper
95 100
97 63.9 44.8 83.2
132 94.7 66.8 124.2
130 101.1 70.0 130.0





#42
Toluene
Concen: 31.747 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15

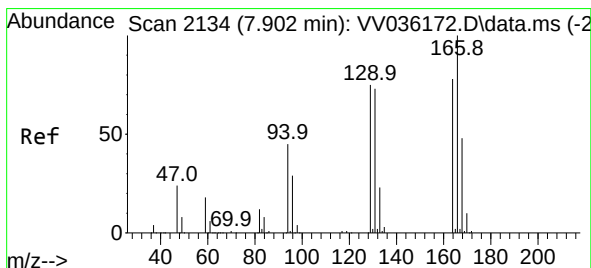
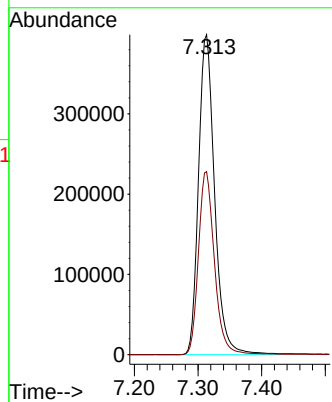
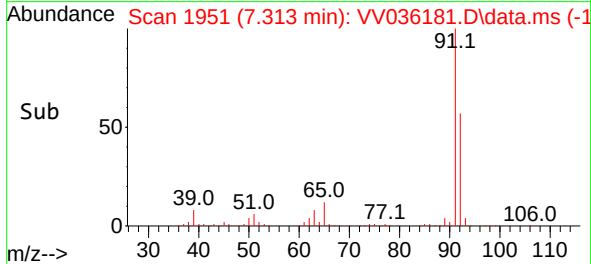
Instrument :
MSVOA_V
ClientSampleId :
COT81



Tgt Ion: 91 Resp: 70094
Ion Ratio Lower Upper
91 100
92 57.2 40.6 75.4

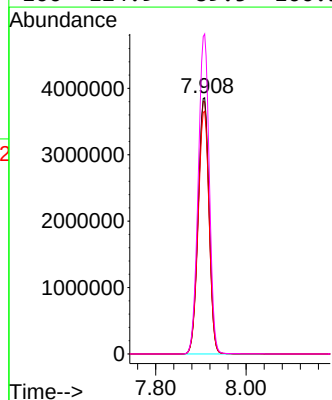
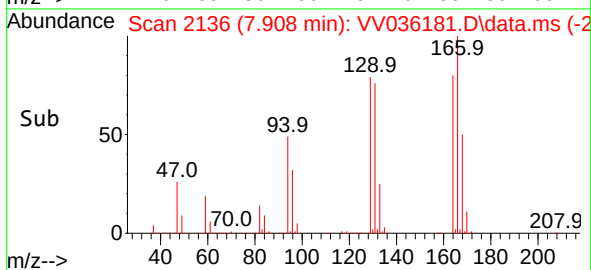
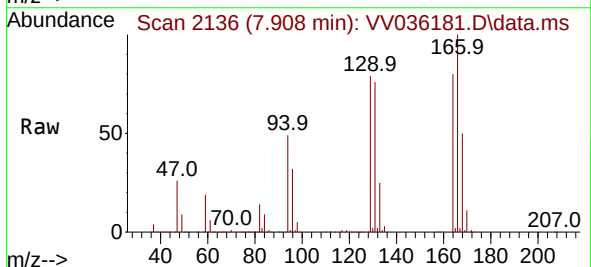
Manual Integrations
APPROVED

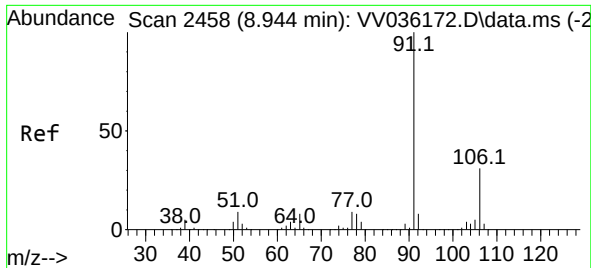
Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024



#46
Tetrachloroethene
Concen: 1340.837 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15

Tgt Ion:164 Resp: 6494247
Ion Ratio Lower Upper
164 100
129 98.5 64.6 120.0
131 94.8 63.2 117.4
166 124.9 89.5 166.3





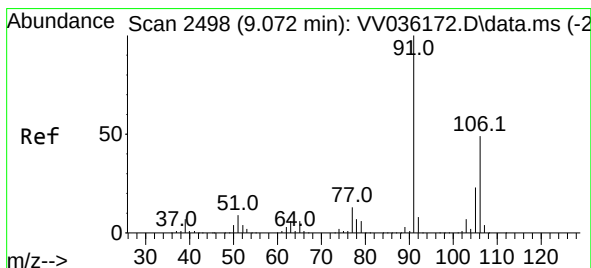
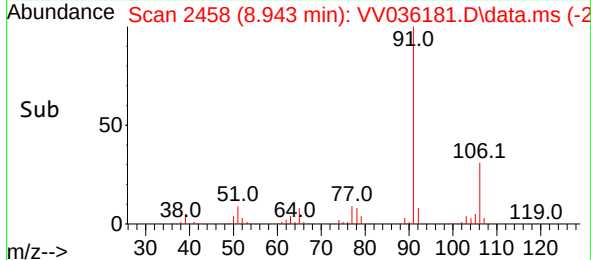
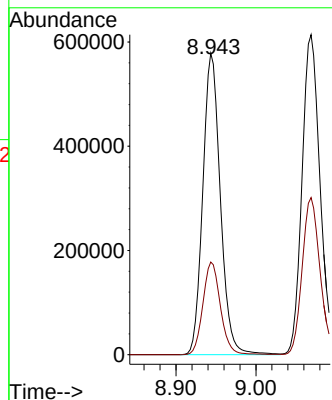
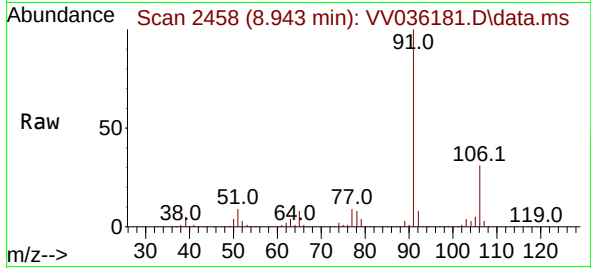
#52
Ethylbenzene
Concen: 37.481 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15

Instrument :
MSVOA_V
ClientSampleId :
C0T81

Tgt Ion: 91 Resp: 885390
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0

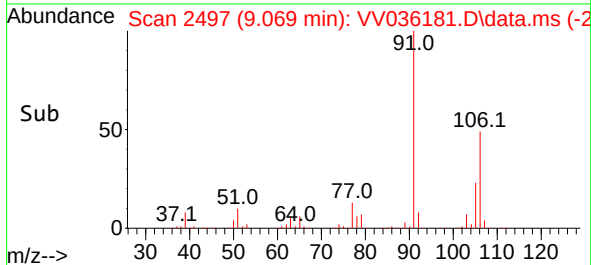
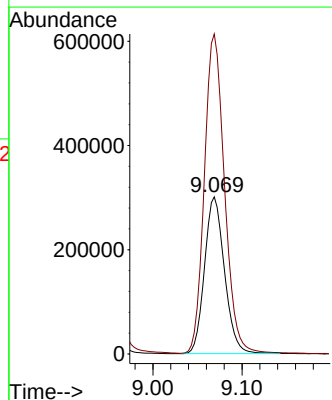
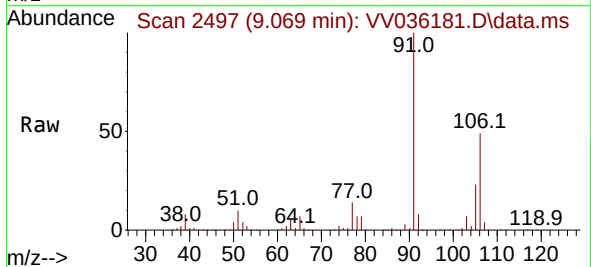
Manual Integrations
APPROVED

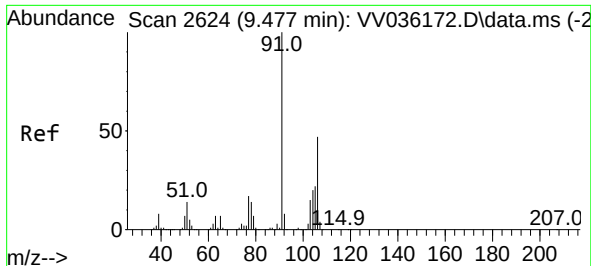
Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024



#53
m,p-Xylene
Concen: 52.781 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15

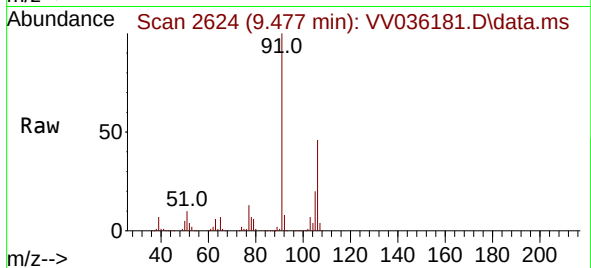
Tgt Ion:106 Resp: 468492
Ion Ratio Lower Upper
106 100
91 203.7 143.1 265.9





#54
o-Xylene
Concen: 20.511 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15

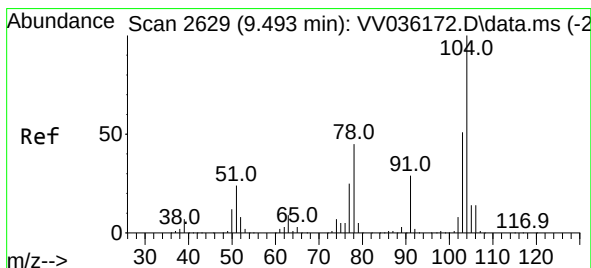
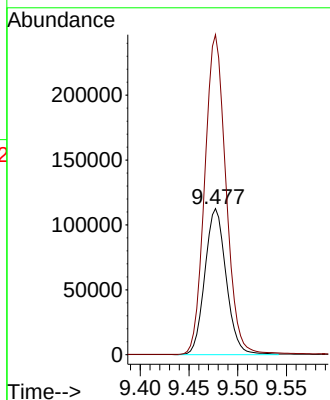
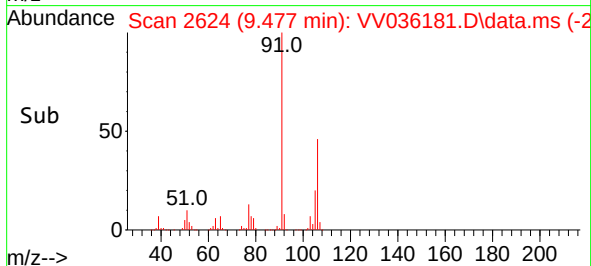
Instrument :
MSVOA_V
ClientSampleId :
COT81



Tgt Ion:106 Resp: 17168
Ion Ratio Lower Upper
106 100
91 219.0 154.5 286.9

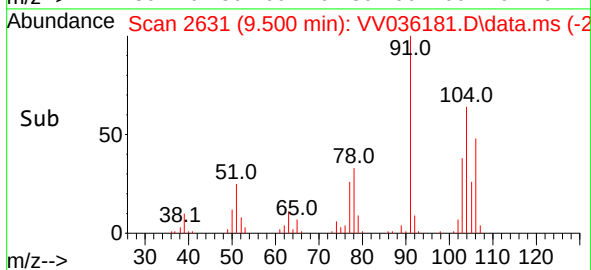
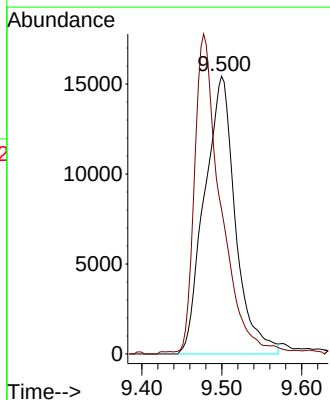
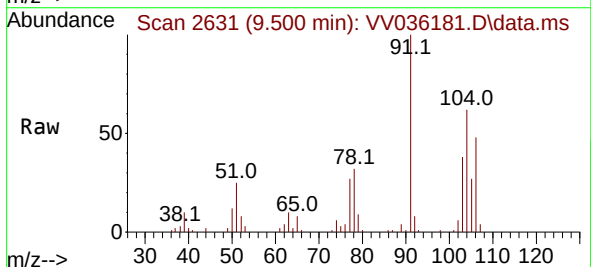
Manual Integrations
APPROVED

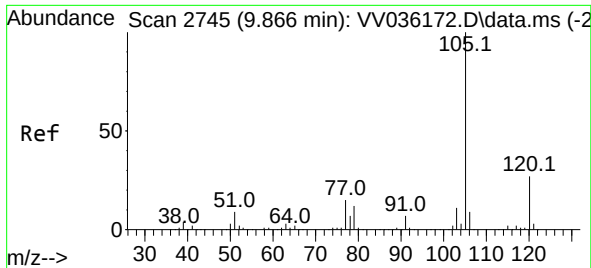
Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024



#55
Styrene
Concen: 2.810 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.006 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15

Tgt Ion:104 Resp: 41477
Ion Ratio Lower Upper
104 100
78 52.0 31.4 58.2





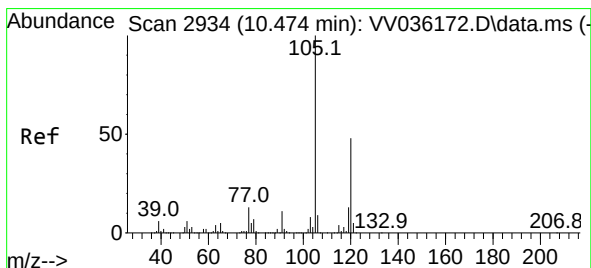
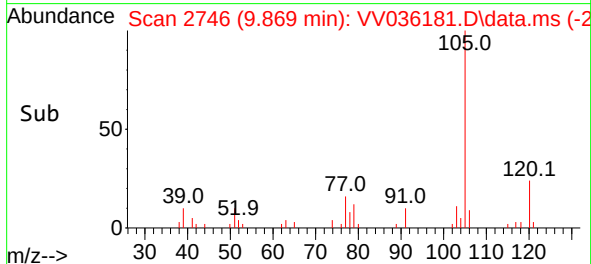
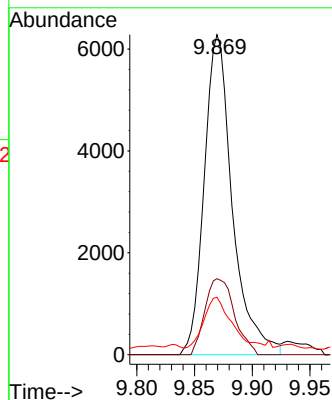
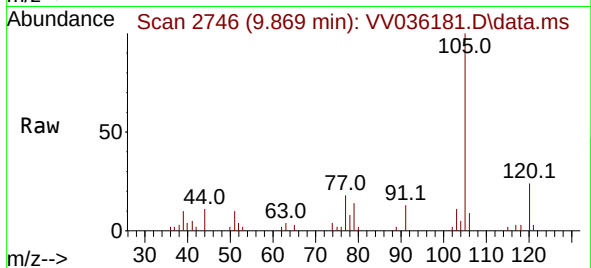
#60
Isopropylbenzene
Concen: 0.691 ug/L
RT: 9.869 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15

Instrument :
MSVOA_V
ClientSampleId :
COT81

Tgt Ion:105 Resp: 10659
Ion Ratio Lower Upper
105 100
120 24.8 21.0 31.6
77 15.7 12.6 18.8

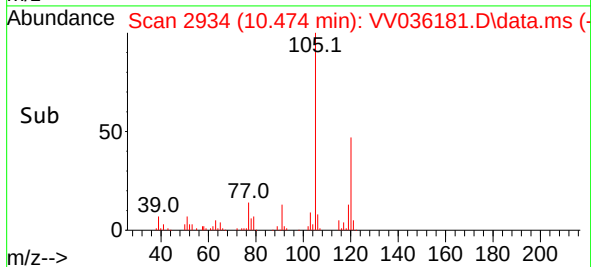
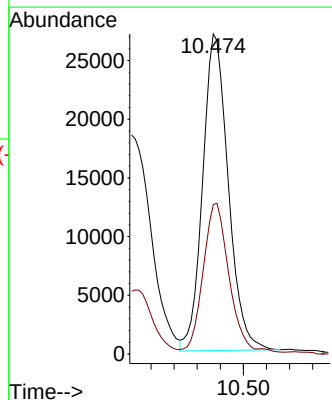
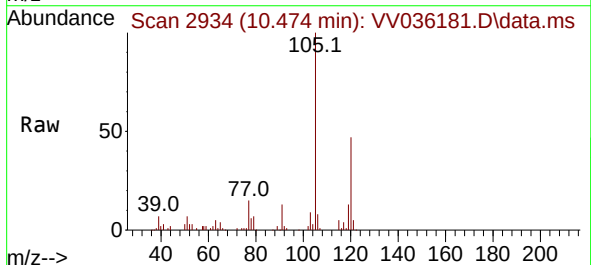
Manual Integrations
APPROVED

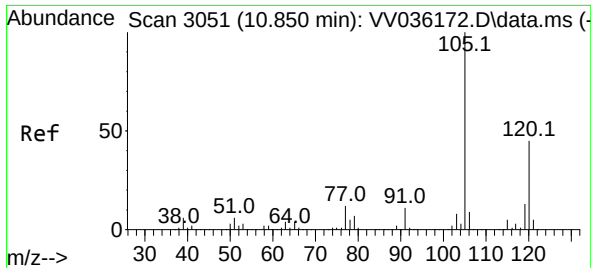
Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024



#62
1,3,5-Trimethylbenzene
Concen: 3.712 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV036181.D
Acq: 20 Jun 2024 23:15

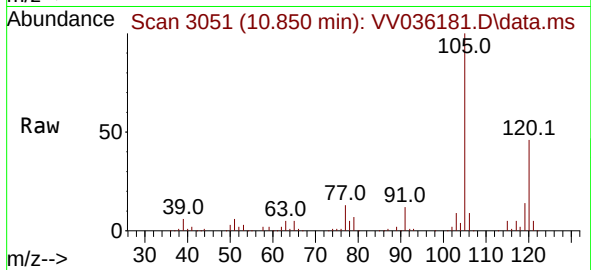
Tgt Ion:105 Resp: 41514
Ion Ratio Lower Upper
105 100
120 44.6 38.6 58.0





#63
 1,2,4-Trimethylbenzene
 Concen: 12.138 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. -0.000 min
 Lab File: VV036181.D
 Acq: 20 Jun 2024 23:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T81



Tgt Ion:105 Resp: 146240
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.2 54.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
 Supervised By :Semsettin Yesilyurt 06/22/2024

