

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
 Data File : VV031949.D
 Acq On : 28 Aug 2023 17:33
 Operator : SY/MD
 Sample : 04175-10ME
 Misc : 6.43g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYK4ME

Quant Time: Aug 29 00:09:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 26 00:50:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2023
 Supervised By :Mahesh Dadoda 08/31/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	210246	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	204946	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	59826	45.468	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.940%		
7) Chloroethane-d5	1.526	69	35434	30.720	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	61.440%#		
11) 1,1-Dichloroethene-d2	2.040	65	28669	46.531	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.060%		
21) 2-Butanone-d5	3.812	46	134378	129.850	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	129.850%		
24) Chloroform-d	4.252	84	162447	56.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	112.960%		
26) 1,2-Dichloroethane-d4	4.944	65	110623	57.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	115.920%		
32) Benzene-d6	4.960	84	317269	56.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.460%		
36) 1,2-Dichloropropane-d6	5.992	67	114352	63.529	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	127.060%#		
41) Toluene-d8	7.246	98	280803	54.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.980%		
43) trans-1,3-Dichloroprop...	7.558	79	54932	58.880	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	117.760%		
47) 2-Hexanone-d5	8.069	63	71764m	130.079	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	130.080%#		
56) 1,1,2,2-Tetrachloroeth...	10.165	84	164893	70.891	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	141.780%#		
66) 1,2-Dichlorobenzene-d4	11.570	152	118314	61.530	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	123.060%#		
Target Compounds						Qvalue
13) Acetone	2.137	43	3272	3.552	ug/L	95
14) Carbon disulfide	2.220	76	6686	2.663	ug/L	100
16) Methylene chloride	2.442	84	2669	1.885	ug/L	98
29) Cyclohexane	4.574	56	3577	1.676	ug/L #	88
35) Methylcyclohexane	6.047	83	10373	4.631	ug/L	89
51) Chlorobenzene	8.821	112	36593	9.091	ug/L	97
52) Ethylbenzene	8.956	91	39805	5.547	ug/L	99
53) m,p-Xylene	9.082	106	16799	6.305	ug/L	92
54) o-Xylene	9.493	106	3437	1.297	ug/L	85
60) Isopropylbenzene	9.876	105	19075	2.700	ug/L	96
62) 1,3,5-Trimethylbenzene	10.487	105	3969	0.668	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	69078	11.553	ug/L	98

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

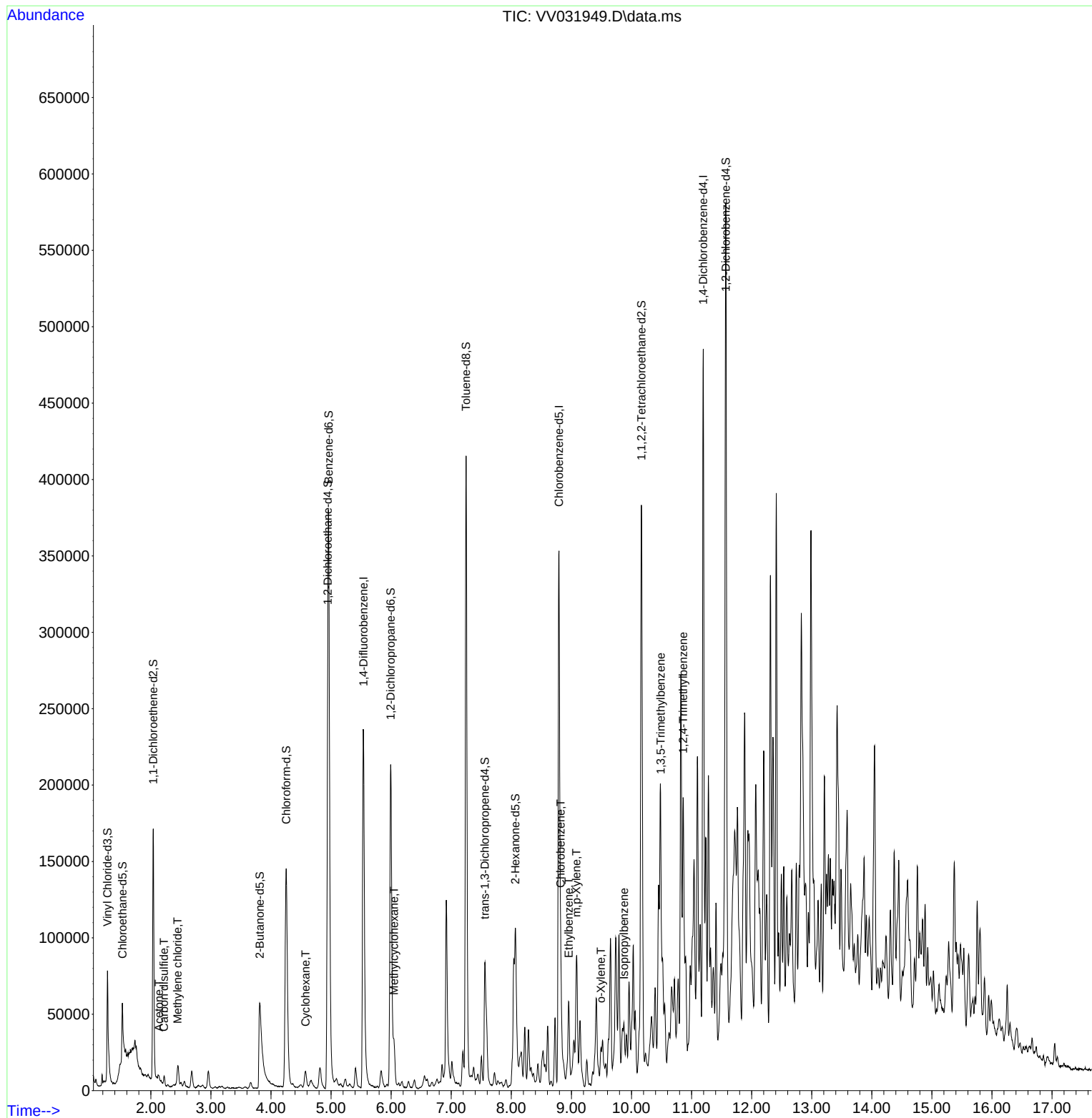
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
Data File : VV031949.D
Acq On : 28 Aug 2023 17:33
Operator : SY/MD
Sample : 04175-10ME
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ALS Vial : 11 Sample Multiplier: 1

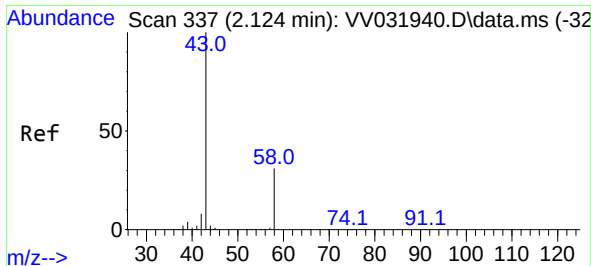
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

Quant Time: Aug 29 00:09:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 26 00:50:15 2023
Response via : Initial Calibration

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Supervised By : Mahesh Dadoda 08/31/2023





#13

Acetone

Concen: 3.552 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.010 min

Lab File: VV031949.D

Acq: 28 Aug 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

EZYK4ME

Tgt Ion: 43 Resp: 327

Ion Ratio Lower Upper

43 100

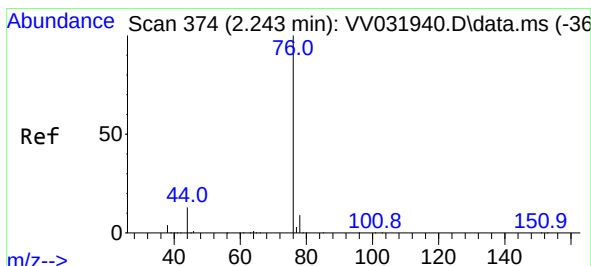
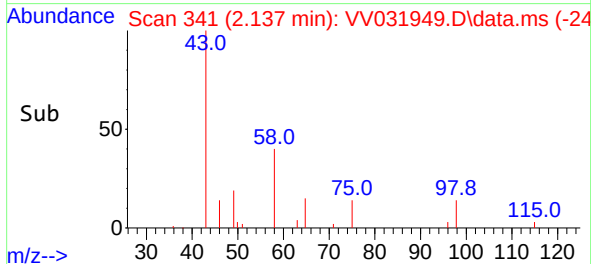
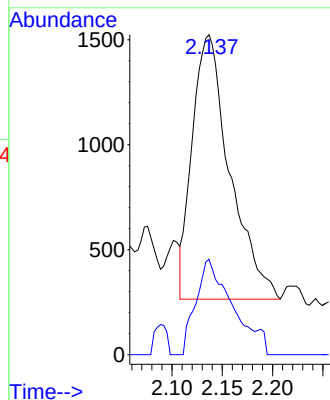
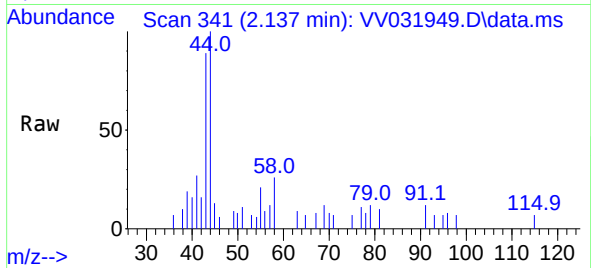
58 33.3 0.0 61.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/31/2023

Supervised By :Mahesh Dadoda 08/31/2023



#14

Carbon disulfide

Concen: 2.663 ug/L

RT: 2.220 min Scan# 367

Delta R.T. -0.022 min

Lab File: VV031949.D

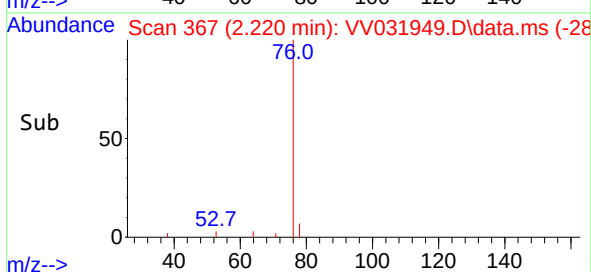
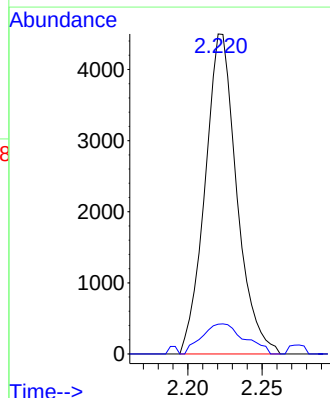
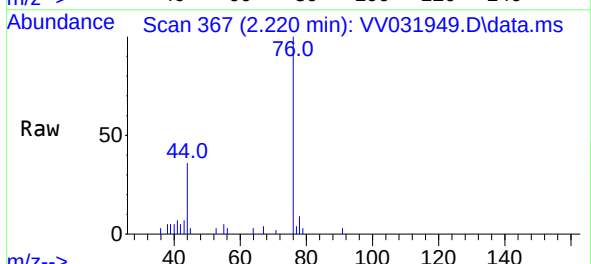
Acq: 28 Aug 2023 17:33

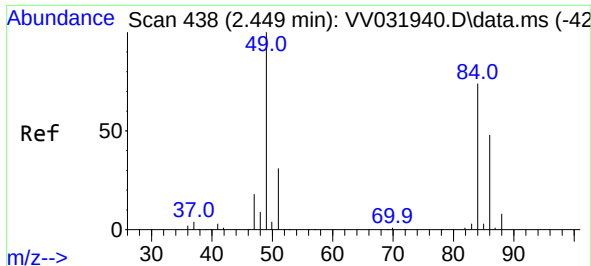
Tgt Ion: 76 Resp: 6686

Ion Ratio Lower Upper

76 100

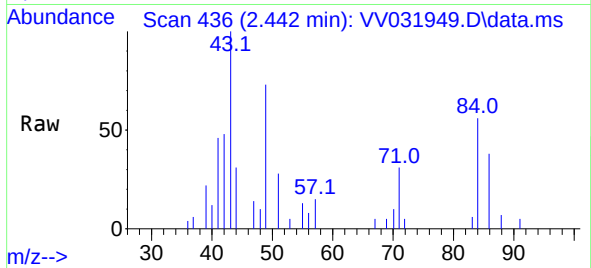
78 9.3 7.4 11.0





#16
Methylene chloride
Concen: 1.885 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

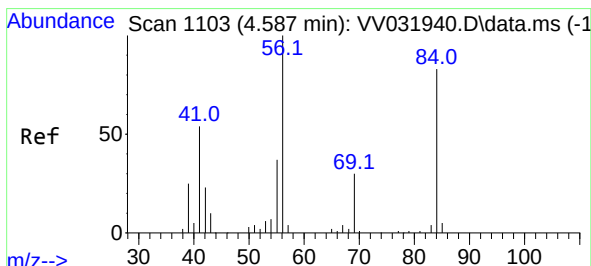
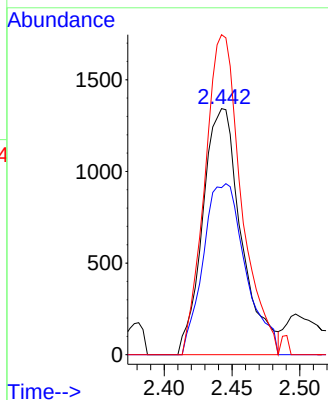
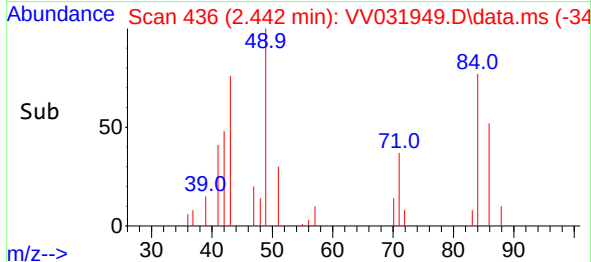
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME



Tgt Ion: 84 Resp: 2669
Ion Ratio Lower Upper
84 100
86 67.9 44.6 82.8
49 130.0 91.6 170.2

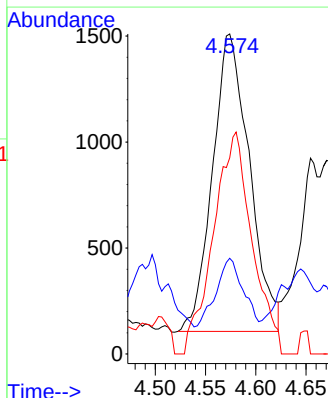
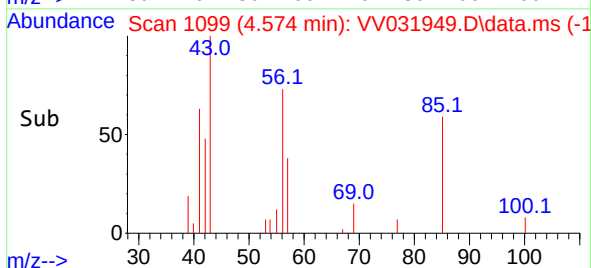
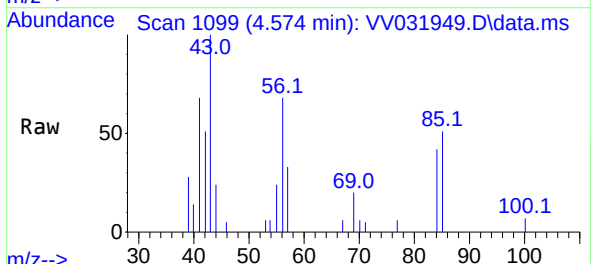
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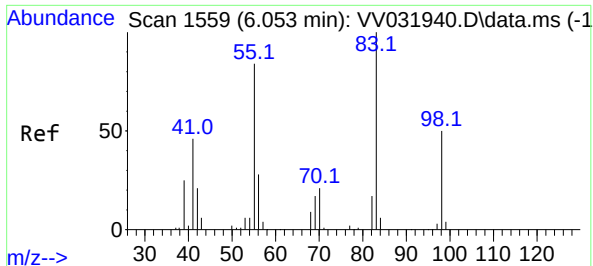
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#29
Cyclohexane
Concen: 1.676 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.010 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Tgt Ion: 56 Resp: 3577
Ion Ratio Lower Upper
56 100
69 16.7 24.2 36.4#
84 78.2 67.5 101.3





#35

Methylcyclohexane

Concen: 4.631 ug/L

RT: 6.047 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV031949.D

Acq: 28 Aug 2023 17:33

Instrument :

MSVOA_V

ClientSampleId :

EZYK4ME

Tgt Ion: 83 Resp: 1037

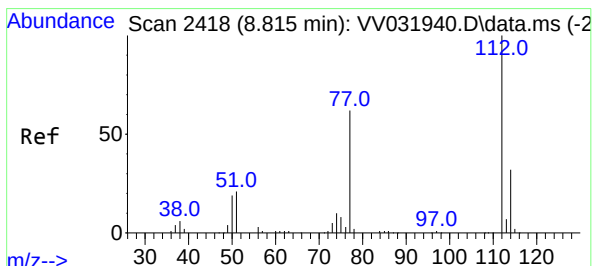
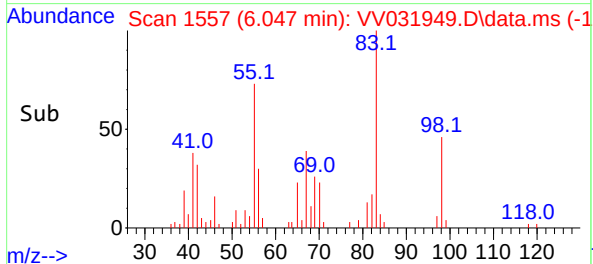
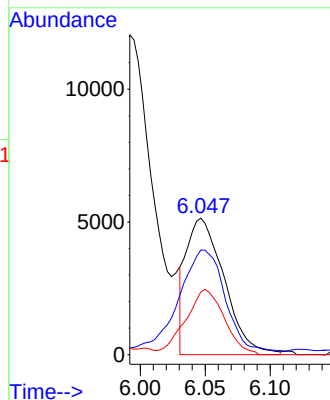
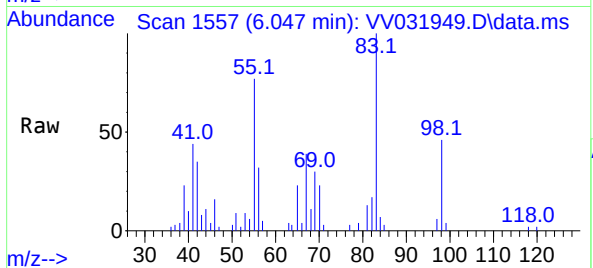
Ion	Ratio	Lower	Upper
83	100		
55	90.3	62.2	93.2
98	49.3	36.7	55.1

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Supervised By :Mahesh Dadoda 08/31/2023



#51

Chlorobenzene

Concen: 9.091 ug/L

RT: 8.821 min Scan# 2420

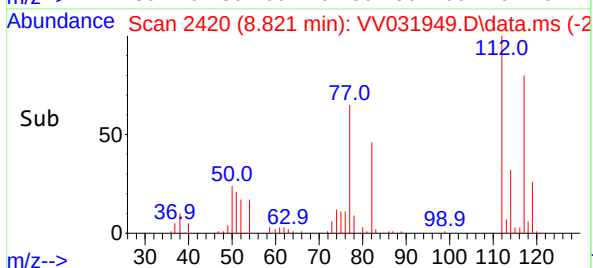
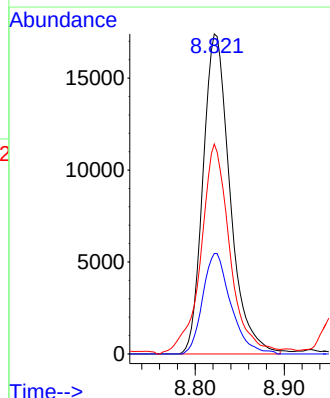
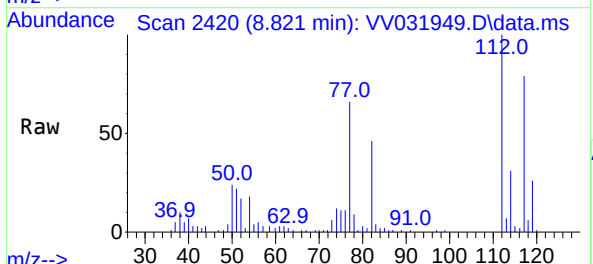
Delta R.T. 0.007 min

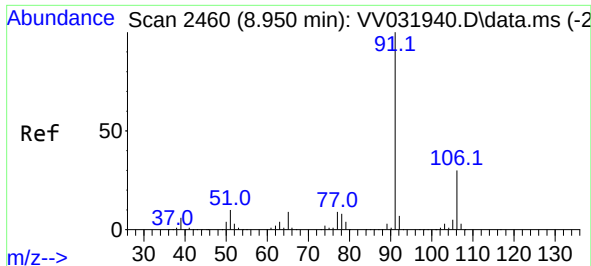
Lab File: VV031949.D

Acq: 28 Aug 2023 17:33

Tgt Ion:112 Resp: 36593

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	65.6	49.4	74.0





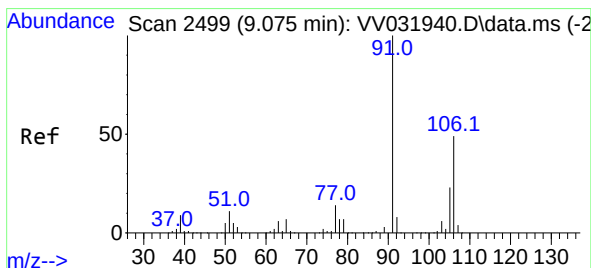
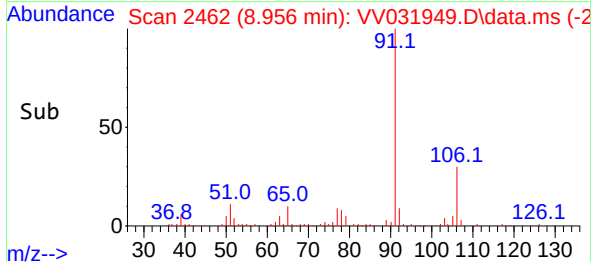
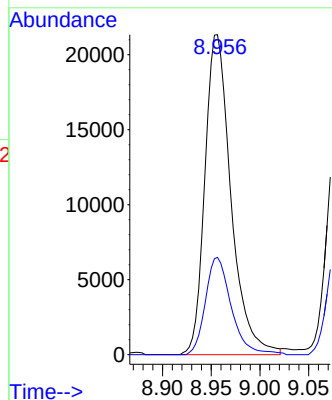
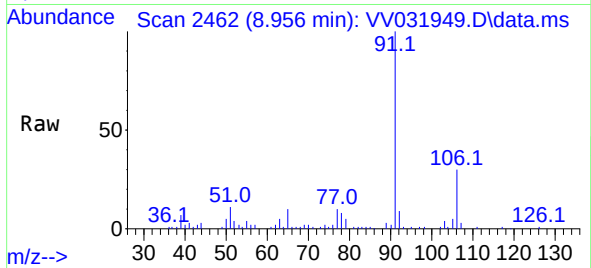
#52
Ethylbenzene
Concen: 5.547 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME

Tgt Ion: 91 Resp: 3980
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9

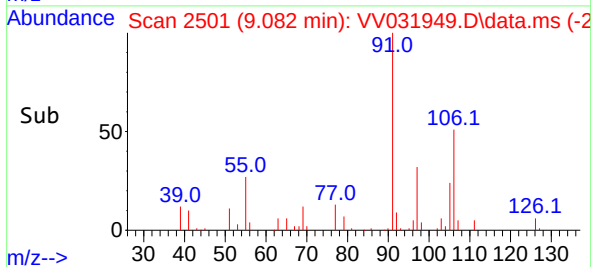
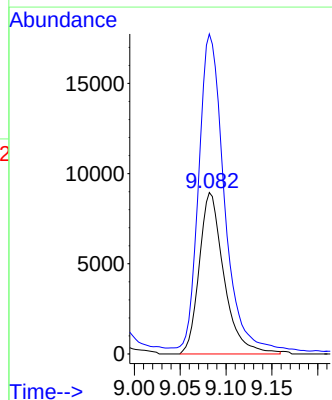
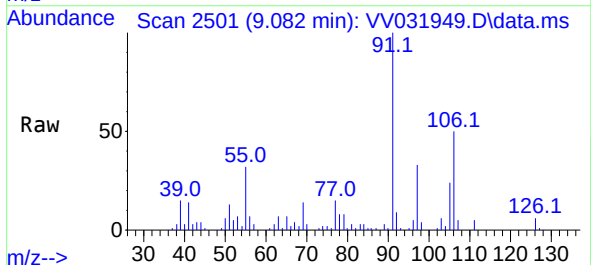
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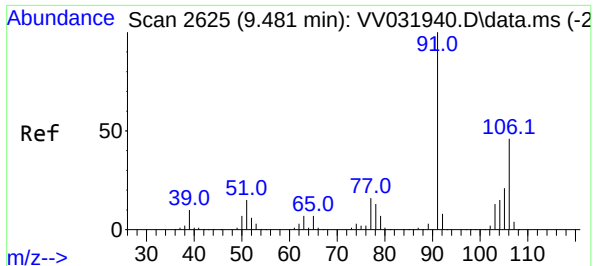
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#53
m,p-Xylene
Concen: 6.305 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.007 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

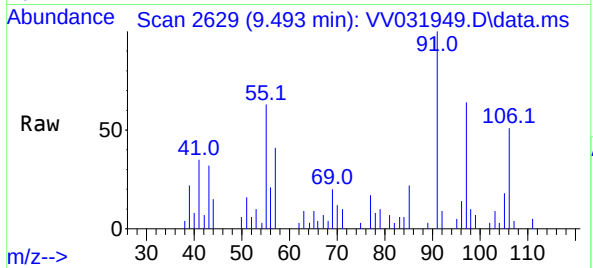
Tgt Ion:106 Resp: 16799
Ion Ratio Lower Upper
106 100
91 198.2 147.0 273.0





#54
o-Xylene
Concen: 1.297 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.013 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

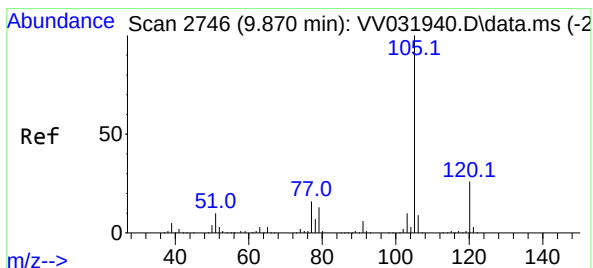
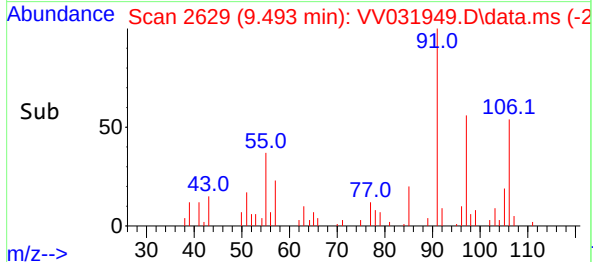
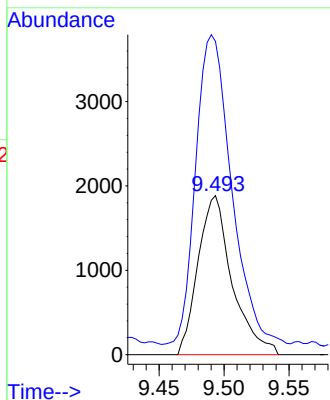
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME



Tgt Ion:106 Resp: 343
Ion Ratio Lower Upper
106 100
91 197.0 154.3 286.5

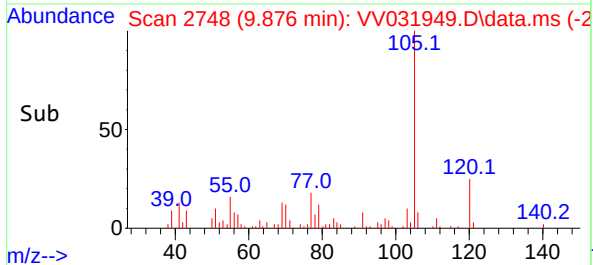
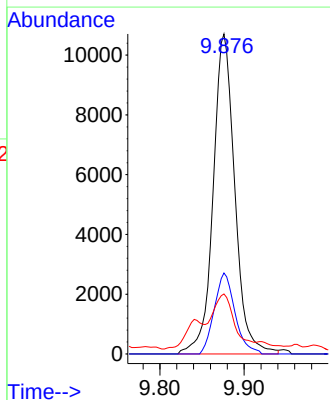
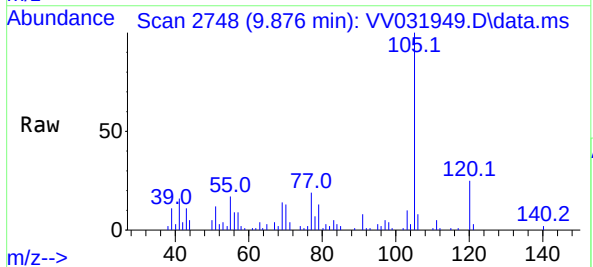
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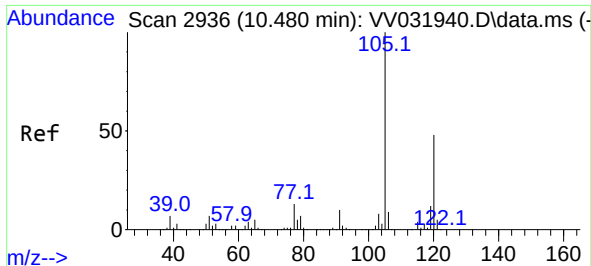
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#60
Isopropylbenzene
Concen: 2.700 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. 0.007 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

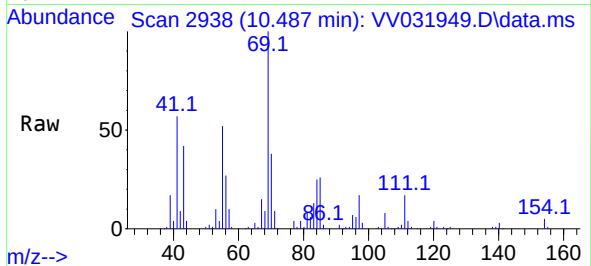
Tgt Ion:105 Resp: 19075
Ion Ratio Lower Upper
105 100
120 24.2 20.6 31.0
77 13.9 12.8 19.2





#62
1,3,5-Trimethylbenzene
Concen: 0.668 ug/L
RT: 10.487 min Scan# 2936
Delta R.T. 0.010 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

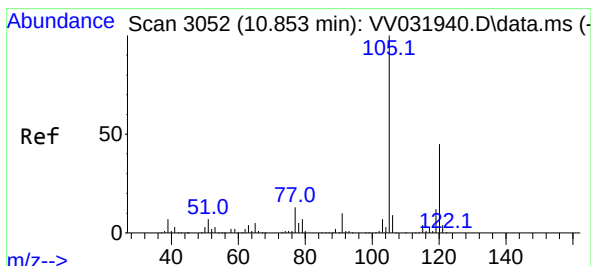
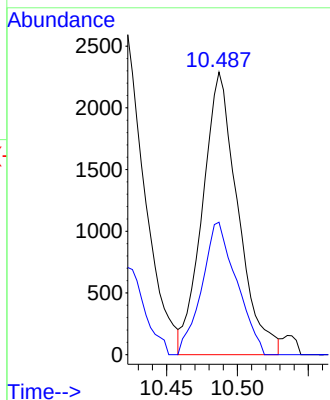
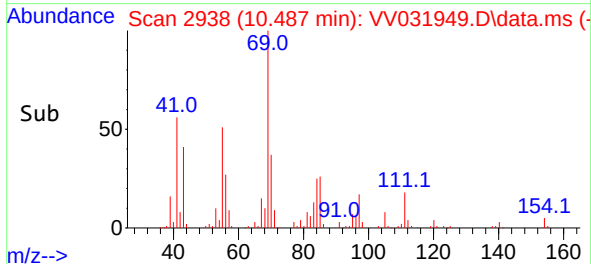
Instrument :
MSVOA_V
ClientSampleId :
EZYK4ME



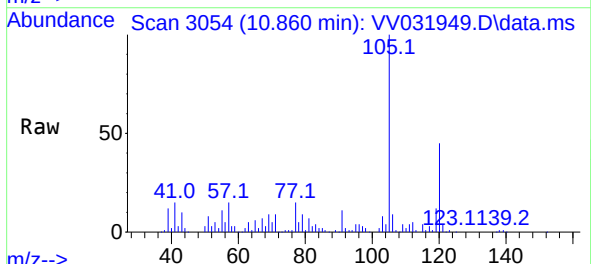
Tgt Ion:105 Resp: 3969
Ion Ratio Lower Upper
105 100
120 46.1 38.2 57.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#63
1,2,4-Trimethylbenzene
Concen: 11.553 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.007 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33



Tgt Ion:105 Resp: 69078
Ion Ratio Lower Upper
105 100
120 43.6 35.9 53.9

