

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012424\
 Data File : VW033845.D
 Acq On : 24 Jan 2024 11:58
 Operator : SY/MD
 Sample : P1191-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMP1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024

Quant Time: Jan 25 00:57:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 25 00:55:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	225786	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	210781	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	101247	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	86446	49.817	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.640%		
7) Chloroethane-d5	1.532	69	68225	49.647	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.300%		
11) 1,1-Dichloroethene-d2	2.059	65	38001	50.885	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.760%		
21) 2-Butanone-d5	3.783	46	96572	81.137	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.140%		
24) Chloroform-d	4.249	84	148606	47.893	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.780%		
26) 1,2-Dichloroethane-d4	4.940	65	95323	47.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.100%		
32) Benzene-d6	4.960	84	280320	46.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.560%		
36) 1,2-Dichloropropane-d6	5.989	67	85559	43.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.760%		
41) Toluene-d8	7.243	98	252471	46.761	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.520%		
43) trans-1,3-Dichloroprop...	7.551	79	43671	44.798	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.600%		
47) 2-Hexanone-d5	8.021	63	70046	85.611	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.610%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	109128	43.337	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.680%		
66) 1,2-Dichlorobenzene-d4	11.561	152	90931	47.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.680%		
Target Compounds						
5) Vinyl chloride	1.285	62	10692	5.233	ug/L #	75
13) Acetone	2.114	43	13241	11.635	ug/L	99
14) Carbon disulfide	2.246	76	5298	1.150	ug/L #	92
16) Methylene chloride	2.449	84	5088	3.078	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	14228	8.446	ug/L	93
22) 2-Butanone	3.889	43	11812m	8.546	ug/L	
25) Chloroform	4.275	83	218653	74.523	ug/L	99
46) Tetrachloroethene	7.908	164	1898	1.558	ug/L	88
63) 1,2,4-Trimethylbenzene	10.853	105	14367	2.453	ug/L	99

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

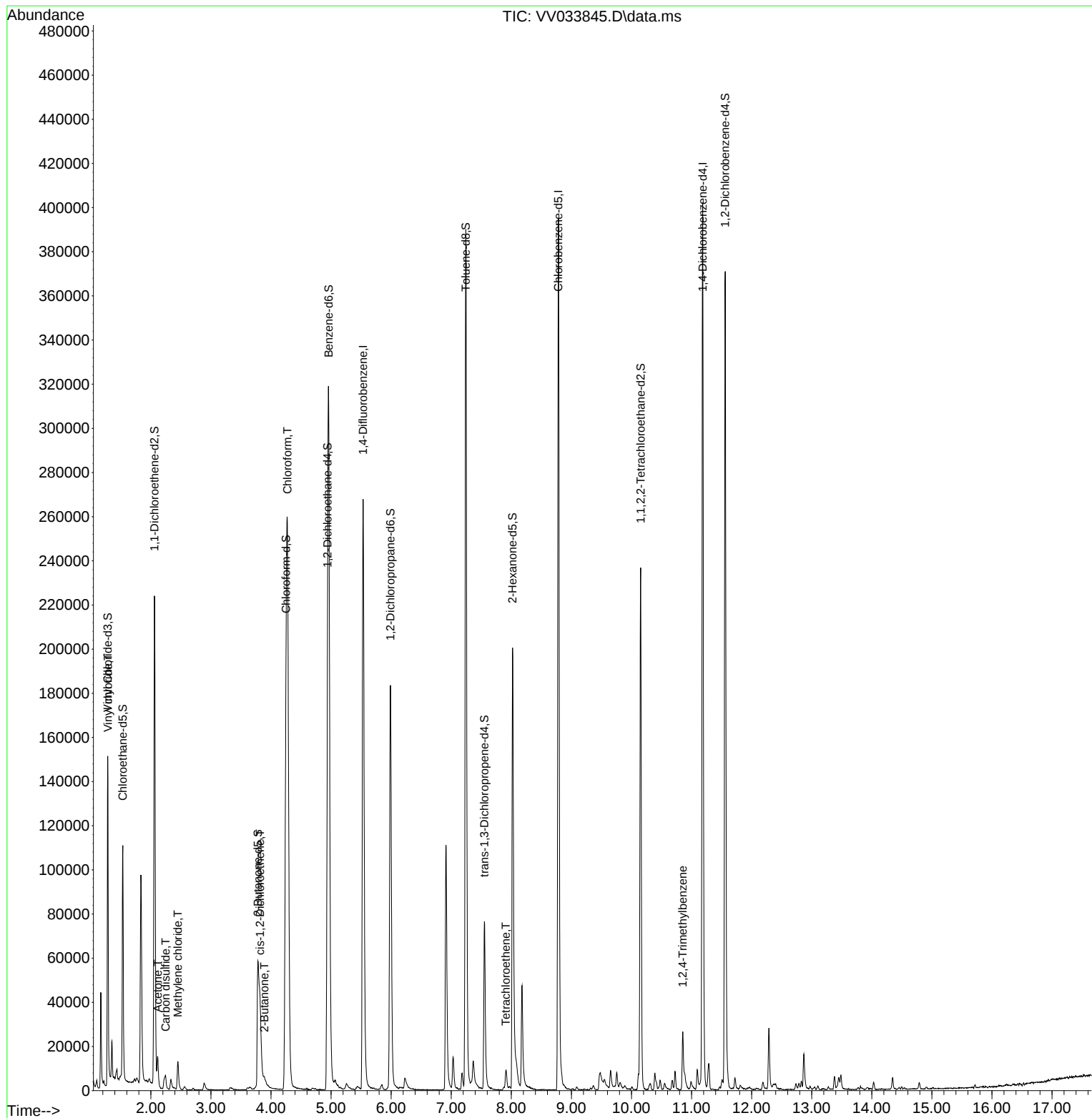
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
Data File : VV033845.D
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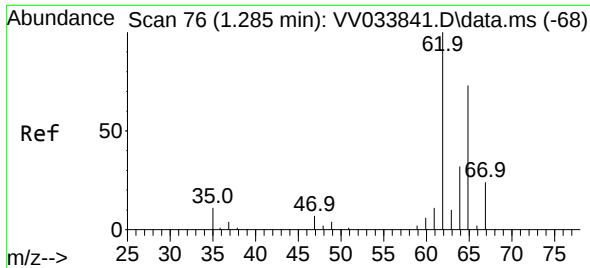
Instrument :
MSVOA_V
ClientSampleId :
DCMP1

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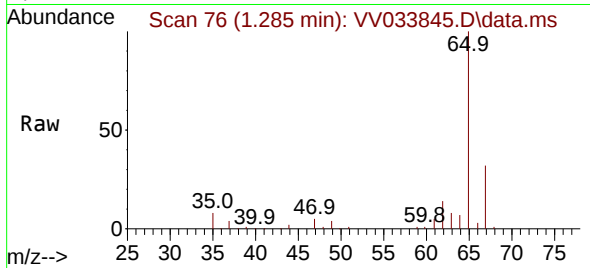
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Quant Title : VOC Analysis
QLast Update : Thu Jan 25 00:55:39 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 5.233 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033845.D
 Acq: 24 Jan 2024 11:58

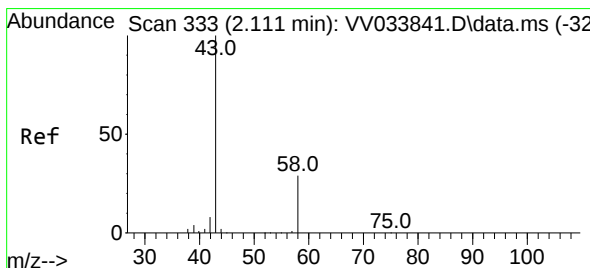
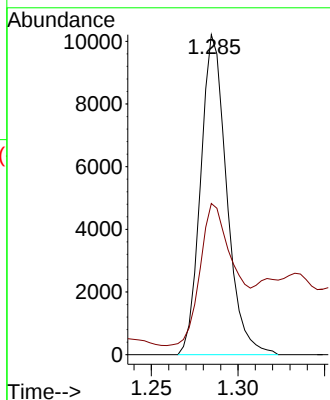
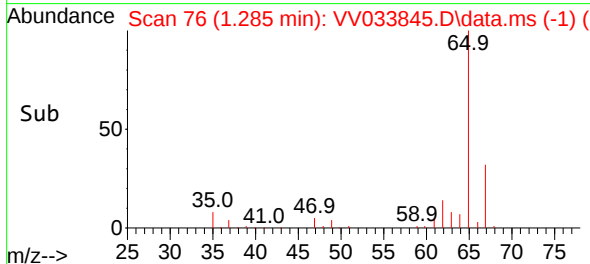
Instrument :
 MSVOA_V
 ClientSampleId :
 DCMP1



Tgt Ion: 62 Resp: 10692
 Ion Ratio Lower Upper
 62 100
 64 47.2 23.2 43.0

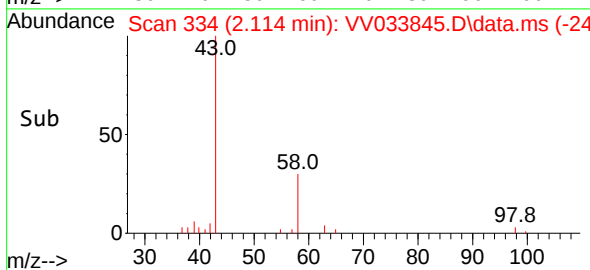
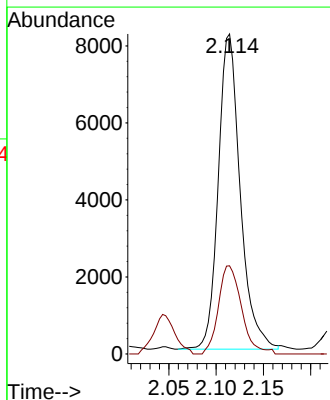
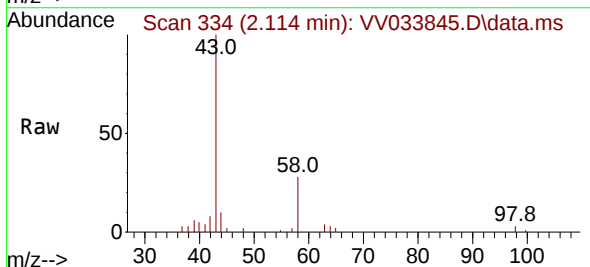
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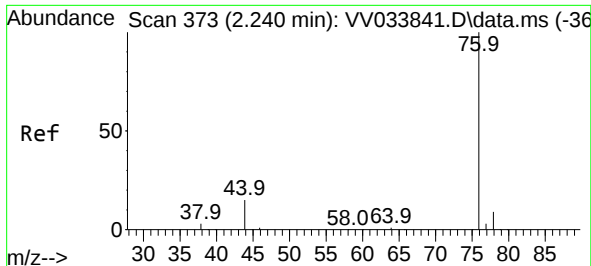
Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024



#13
 Acetone
 Concen: 11.635 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV033845.D
 Acq: 24 Jan 2024 11:58

Tgt Ion: 43 Resp: 13241
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 57.2





#14

Carbon disulfide

Concen: 1.150 ug/L

RT: 2.246 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV033845.D

Acq: 24 Jan 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

DCMP1

Tgt Ion: 76 Resp: 5298

Ion Ratio Lower Upper

76 100

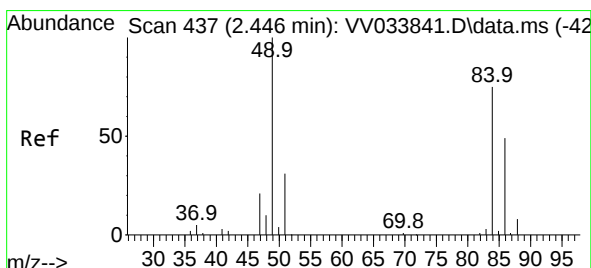
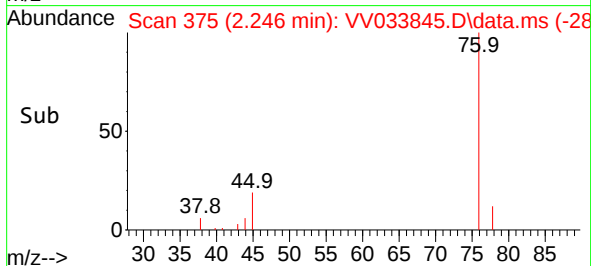
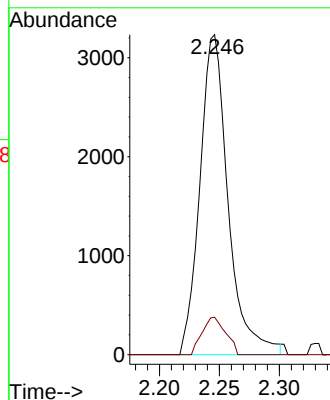
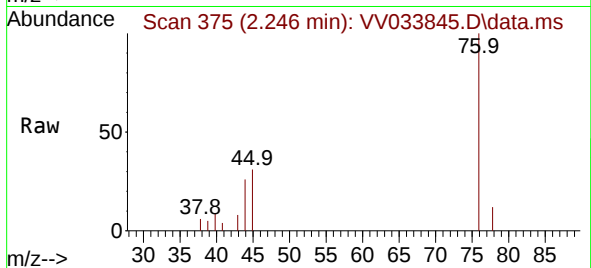
78 11.7 7.1 10.7

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#16

Methylene chloride

Concen: 3.078 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV033845.D

Acq: 24 Jan 2024 11:58

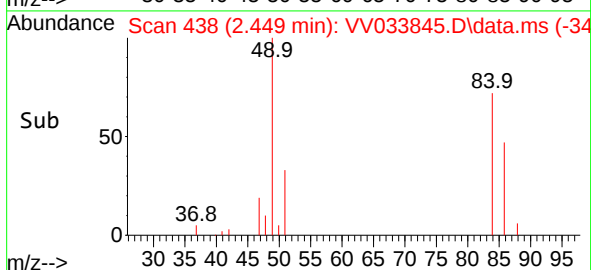
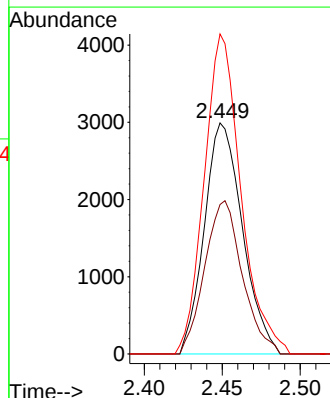
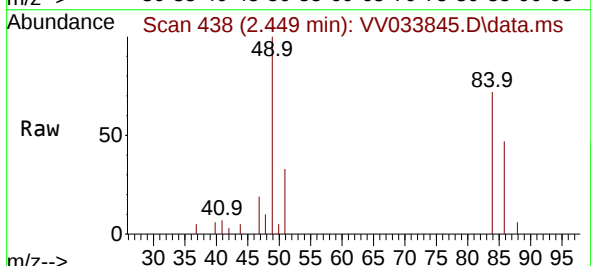
Tgt Ion: 84 Resp: 5088

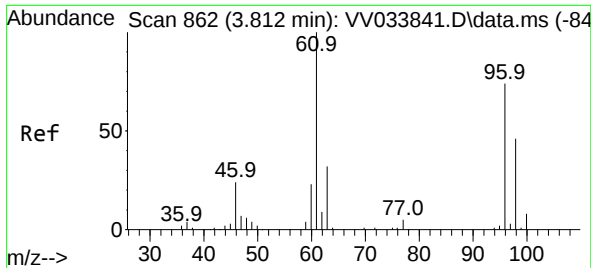
Ion Ratio Lower Upper

84 100

86 64.7 43.9 81.5

49 138.5 98.3 182.5





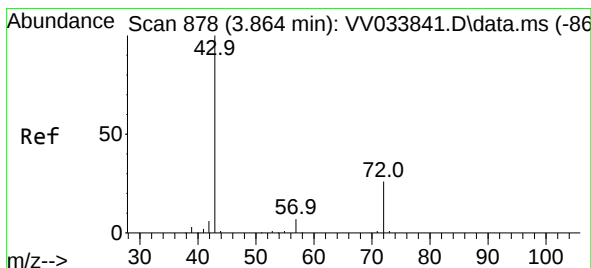
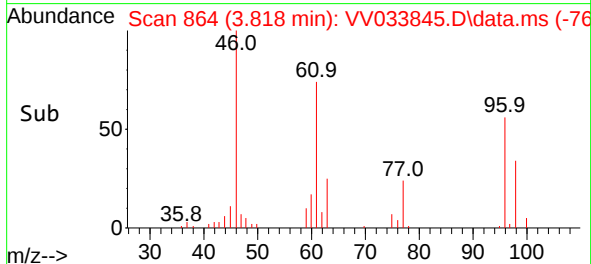
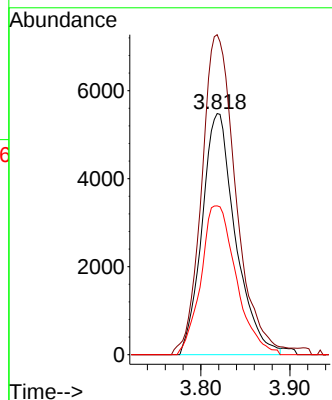
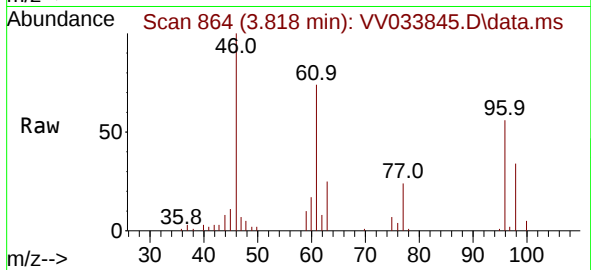
#20
 cis-1,2-Dichloroethene
 Concen: 8.446 ug/L
 RT: 3.818 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VV033845.D
 Acq: 24 Jan 2024 11:58

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMP1

Tgt Ion: 96 Resp: 14228
 Ion Ratio Lower Upper
 96 100
 61 132.7 100.6 186.8
 98 61.7 44.6 82.8

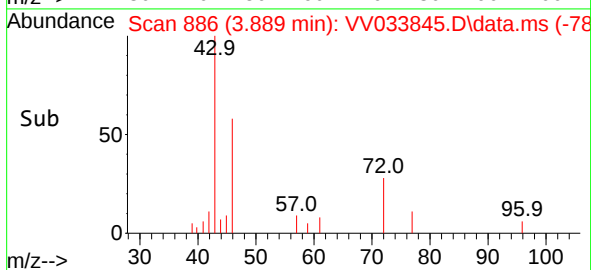
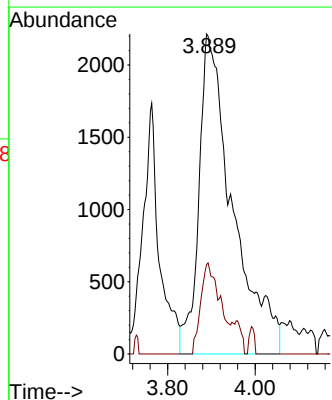
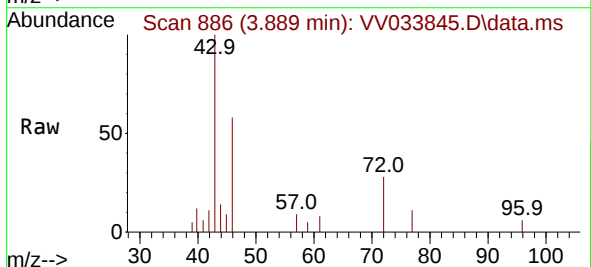
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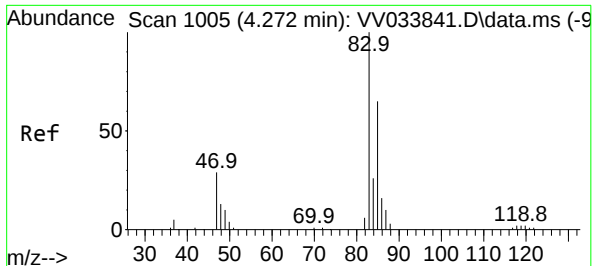
Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024



#22
 2-Butanone
 Concen: 8.546 ug/L m
 RT: 3.889 min Scan# 886
 Delta R.T. 0.025 min
 Lab File: VV033845.D
 Acq: 24 Jan 2024 11:58

Tgt Ion: 43 Resp: 11812
 Ion Ratio Lower Upper
 43 100
 72 12.4 11.9 35.5





#25

Chloroform

Concen: 74.523 ug/L

RT: 4.275 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV033845.D

Acq: 24 Jan 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

DCMP1

Tgt Ion: 83 Resp: 21865

Ion Ratio Lower Upper

83 100

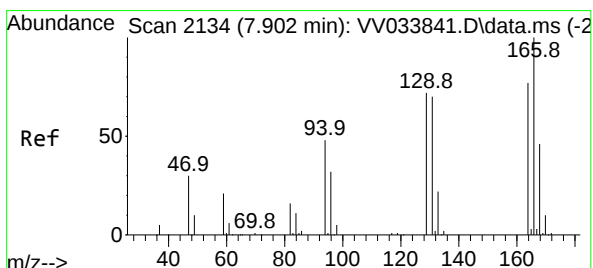
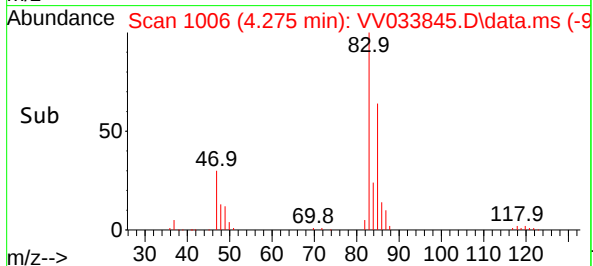
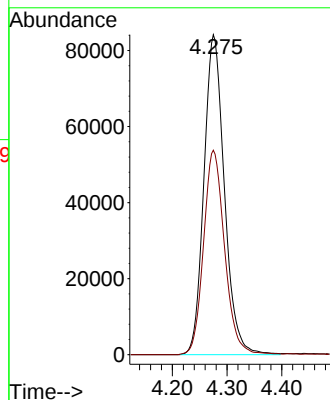
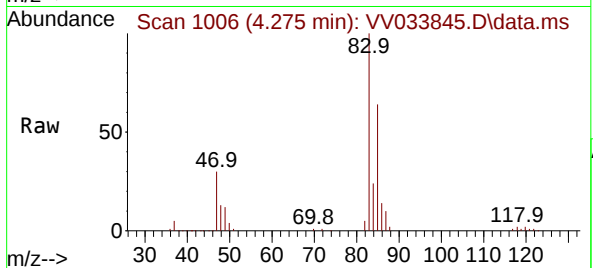
85 63.9 45.1 83.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/30/2024



#46

Tetrachloroethene

Concen: 1.558 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.006 min

Lab File: VV033845.D

Acq: 24 Jan 2024 11:58

Tgt Ion:164 Resp: 1898

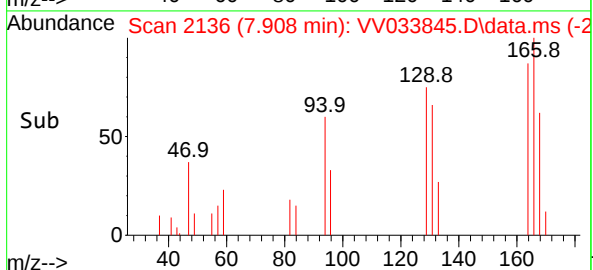
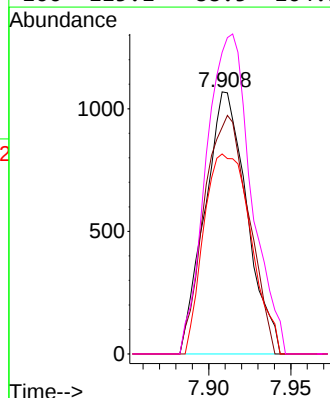
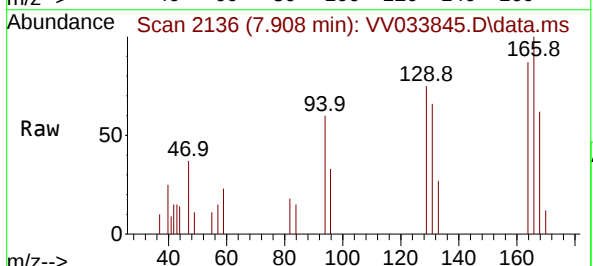
Ion Ratio Lower Upper

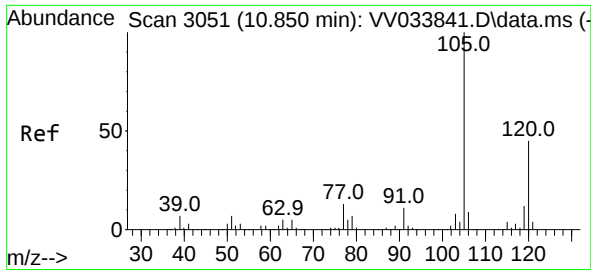
164 100

129 86.4 66.1 122.7

131 76.3 65.9 122.5

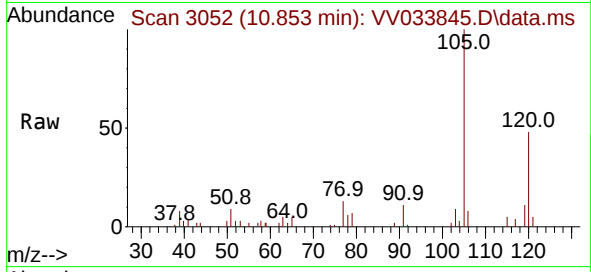
166 115.1 88.5 164.3





#63
 1,2,4-Trimethylbenzene
 Concen: 2.453 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.003 min
 Lab File: VV033845.D
 Acq: 24 Jan 2024 11:58

Instrument : MSVOA_V
 ClientSampleId : DCMP1



Tgt Ion:105 Resp: 1436
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.4 53.0

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