

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037360.D
 Acq On : 19 Sep 2024 02:43
 Operator : SY/MD
 Sample : P3986-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8M4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 04:02:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	284625	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.799	117	315932	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.182	152	150830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	101230	6.062	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.200%
7) Chloroethane-d5	1.577	69	83390	4.790	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.095	65	44995	5.218	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.400%
20) 2-Butanone-d5	3.934	46	247452	49.586	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.180%
24) Chloroform-d	4.317	84	192197	4.741	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.992	65	104515	5.506	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	4.998	84	356867	4.213	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.976	67	75797	2.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	57.600%#
41) Toluene-d8	7.285	98	342551	4.488	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.590	79	36599	4.224	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.072	63	237871	56.187	ug/L	0.05
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.380%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	94803	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	123133	4.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
5) Vinyl chloride	1.311	62	122269	4.410	ug/L	99
12) 1,1-Dichloroethene	2.108	96	79042	3.963	ug/L	91
13) Acetone	2.237	43	2235671	643.415	ug/L	85
14) Carbon disulfide	2.288	76	56944	0.905	ug/L	96
15) Methyl Acetate	2.458	43	1018015m	127.917	ug/L	
18) trans-1,2-Dichloroethene	2.748	96	4273	0.204	ug/L	86
19) 1,1-Dichloroethane	3.172	63	151771	3.787	ug/L	99
21) 2-Butanone	4.015	43	12758352	2415.882	ug/L	99
22) cis-1,2-Dichloroethene	3.886	96	841789	37.105	ug/L	94
34) Trichloroethene	5.818	95	234638	9.147	ug/L	96

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

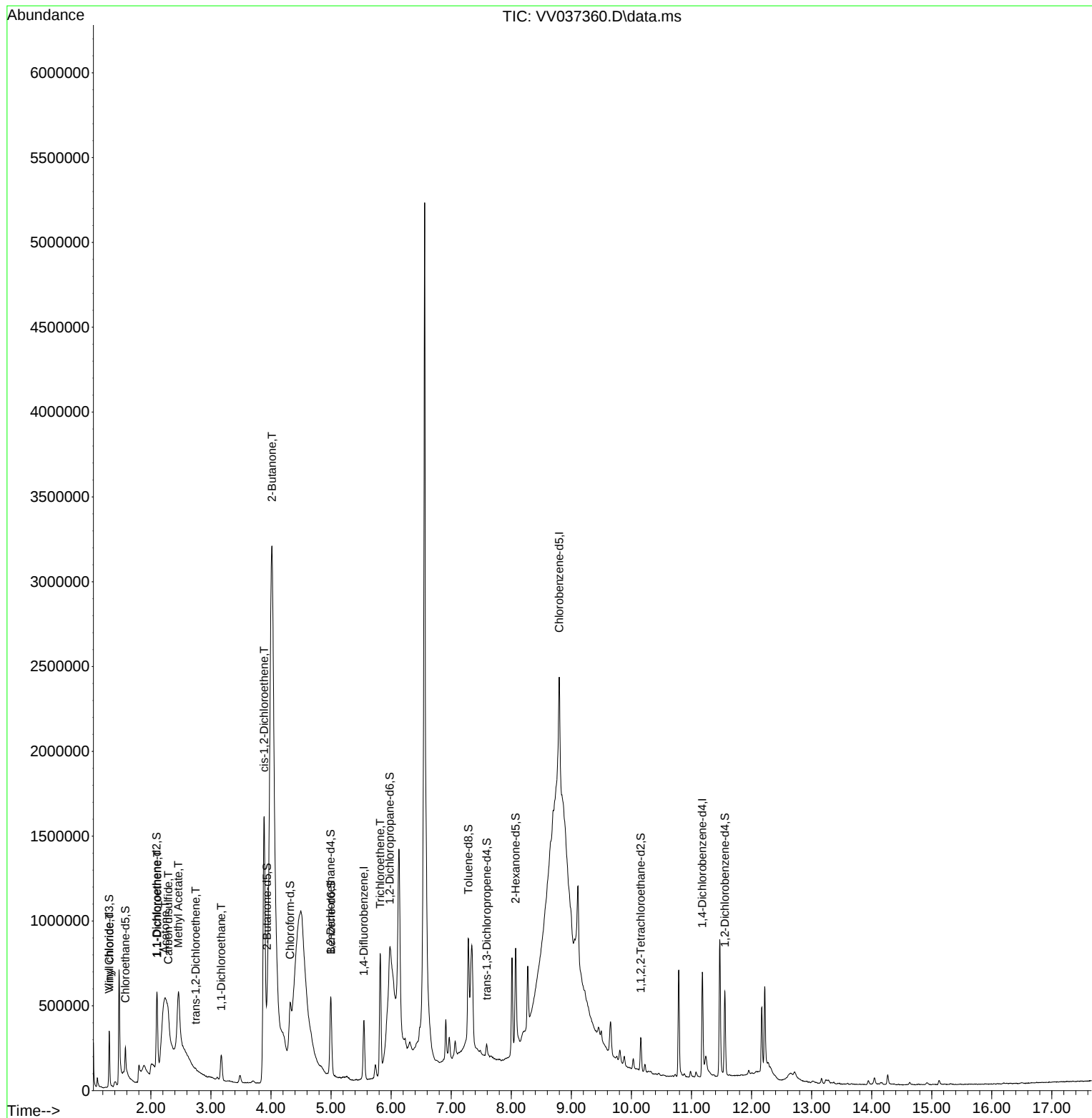
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
Data File : VV037360.D
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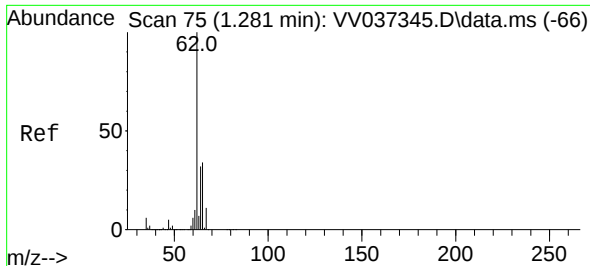
Instrument :
MSVOA_V
ClientSampleId :
BH8M4

Quant Time: Sep 19 04:02:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

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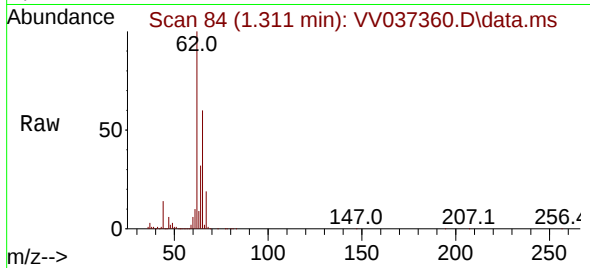
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024





#5
 Vinyl chloride
 Concen: 4.410 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.029 min
 Lab File: VV037360.D
 Acq: 19 Sep 2024 02:43

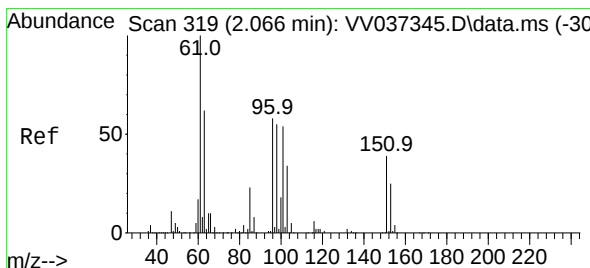
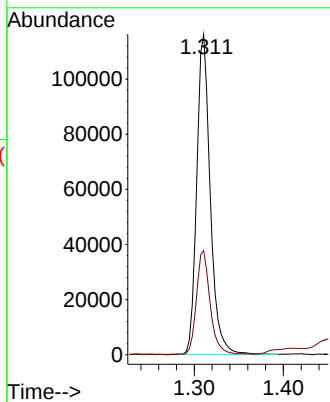
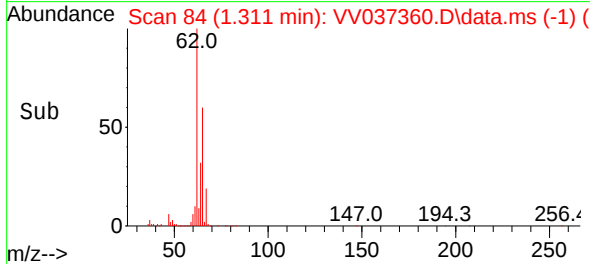
Instrument :
 MSVOA_V
 ClientSampleId :
 BH8M4



Tgt Ion: 62 Resp: 122269
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6

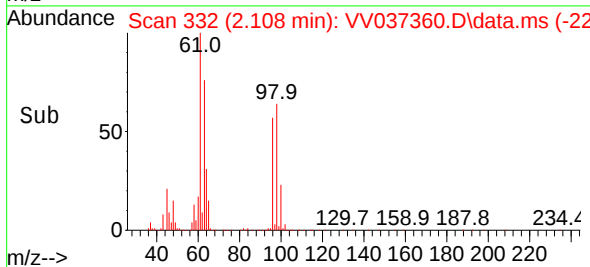
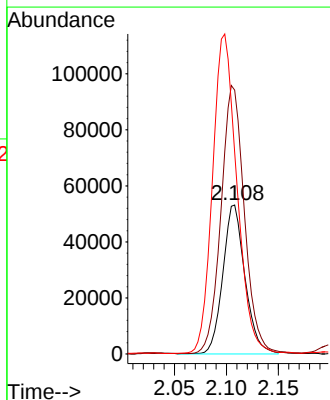
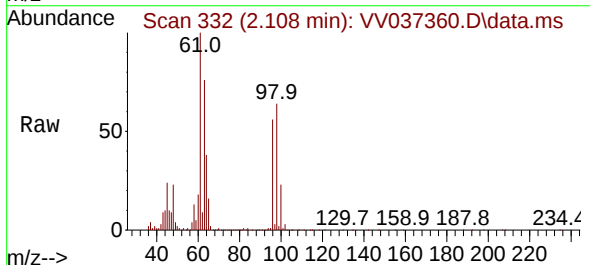
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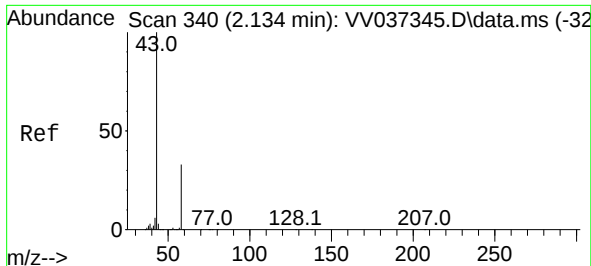
Reviewed By :Semsettin Yesilyurt 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024



#12
 1,1-Dichloroethene
 Concen: 3.963 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. 0.042 min
 Lab File: VV037360.D
 Acq: 19 Sep 2024 02:43

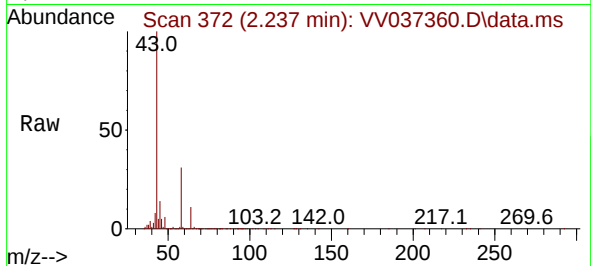
Tgt Ion: 96 Resp: 79042
 Ion Ratio Lower Upper
 96 100
 61 177.1 119.9 222.7
 63 135.2 81.4 151.2





#13
Acetone
Concen: 643.415 ug/L
RT: 2.237 min Scan# 31
Delta R.T. 0.103 min
Lab File: VV037360.D
Acq: 19 Sep 2024 02:43

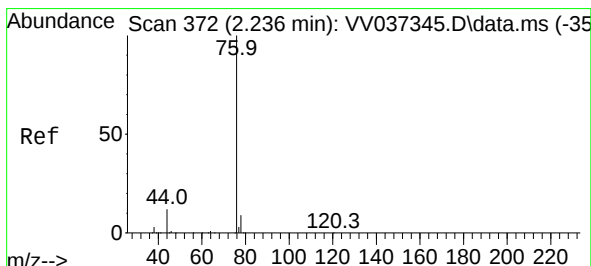
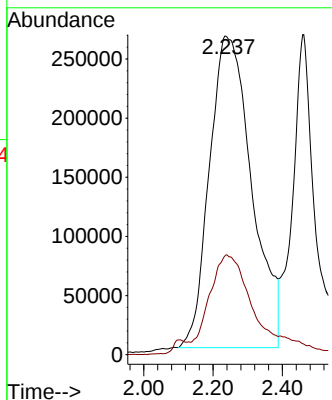
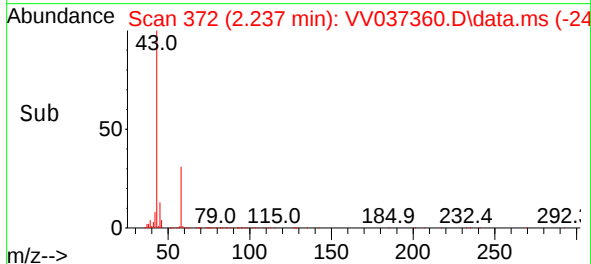
Instrument :
MSVOA_V
ClientSampleId :
BH8M4



Tgt Ion: 43 Resp: 223567
Ion Ratio Lower Upper
43 100
58 26.2 0.0 69.2

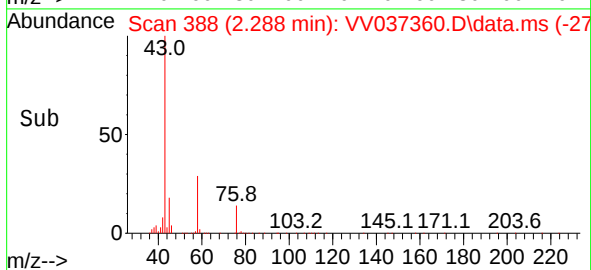
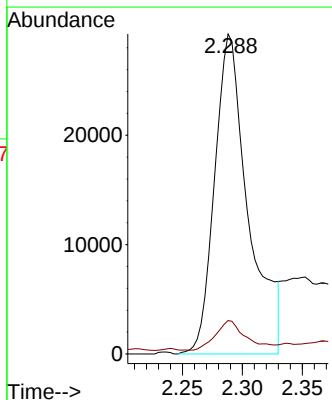
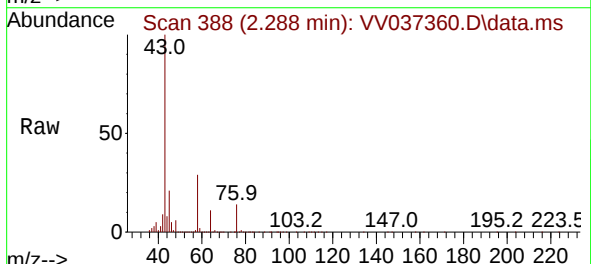
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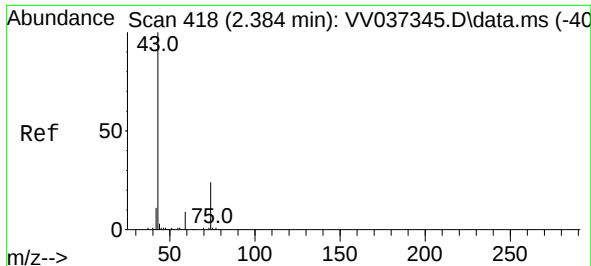
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#14
Carbon disulfide
Concen: 0.905 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.052 min
Lab File: VV037360.D
Acq: 19 Sep 2024 02:43

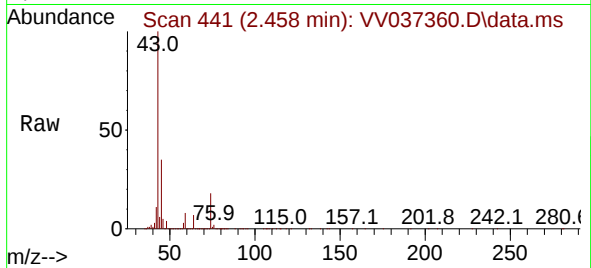
Tgt Ion: 76 Resp: 56944
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9





#15
Methyl Acetate
Concen: 127.917 ug/L m
RT: 2.458 min Scan# 418
Delta R.T. 0.074 min
Lab File: VV037360.D
Acq: 19 Sep 2024 02:43

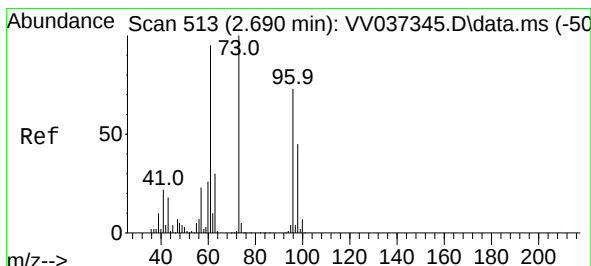
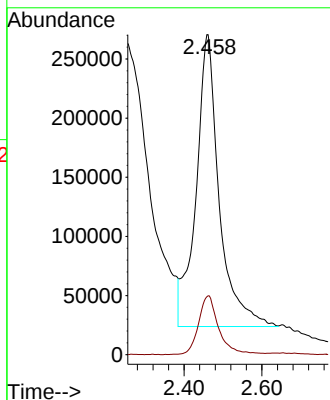
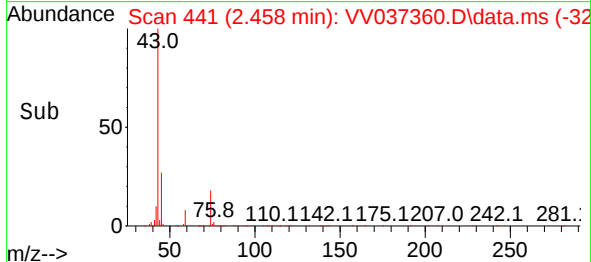
Instrument :
MSVOA_V
ClientSampleId :
BH8M4



Tgt Ion: 43 Resp: 1018015
Ion Ratio Lower Upper
43 100
74 17.1 21.0 31.4

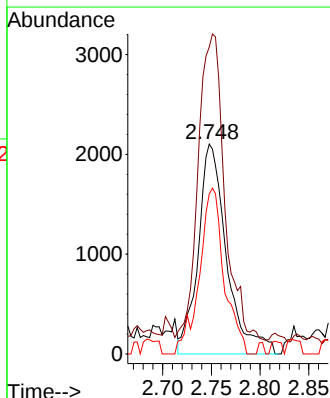
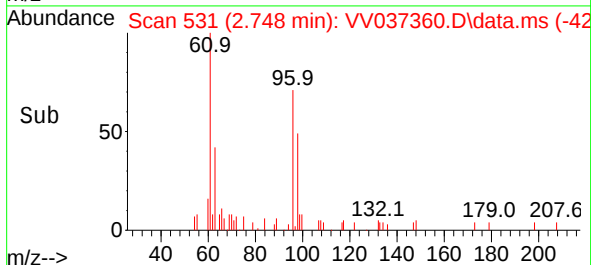
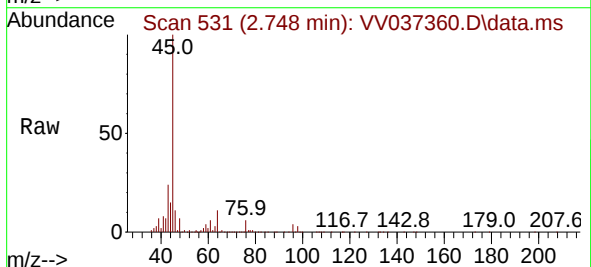
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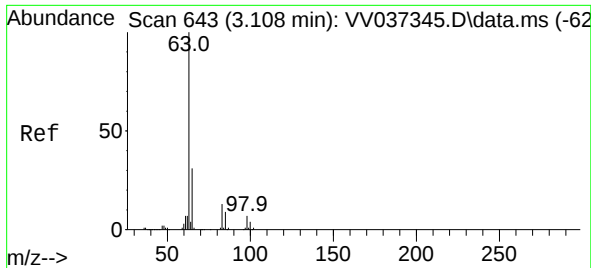
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#18
trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 2.748 min Scan# 531
Delta R.T. 0.058 min
Lab File: VV037360.D
Acq: 19 Sep 2024 02:43

Tgt Ion: 96 Resp: 4273
Ion Ratio Lower Upper
96 100
61 146.2 92.8 172.4
98 76.2 43.0 79.8





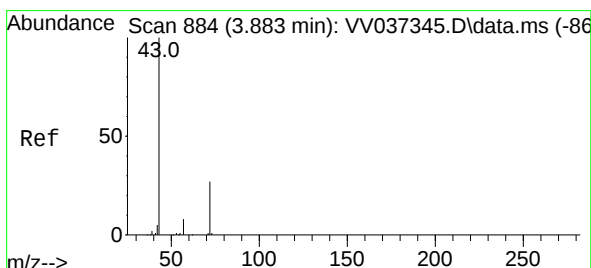
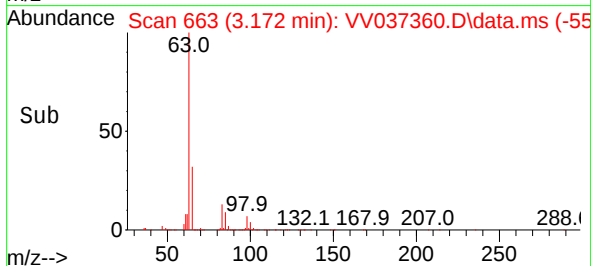
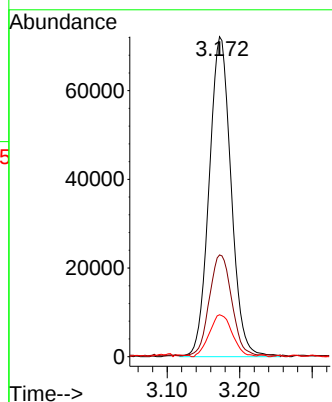
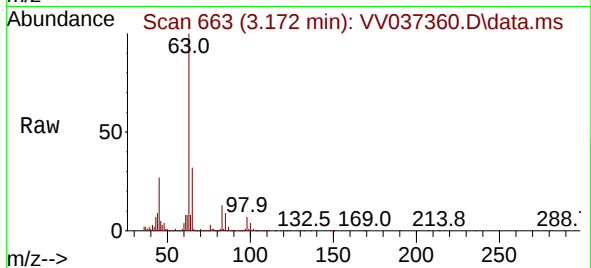
#19
1,1-Dichloroethane
Concen: 3.787 ug/L
RT: 3.172 min Scan# 611
Delta R.T. 0.064 min
Lab File: VV037360.D
Acq: 19 Sep 2024 02:43

Instrument :
MSVOA_V
ClientSampleId :
BH8M4

Tgt Ion: 63 Resp: 15177
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.7
83 13.1 8.9 16.5

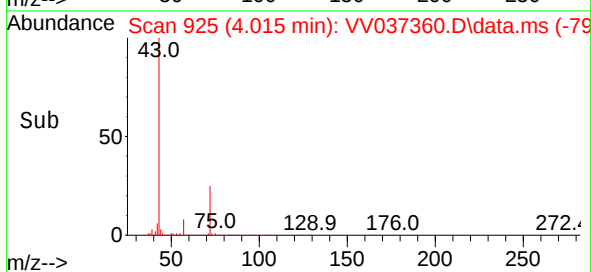
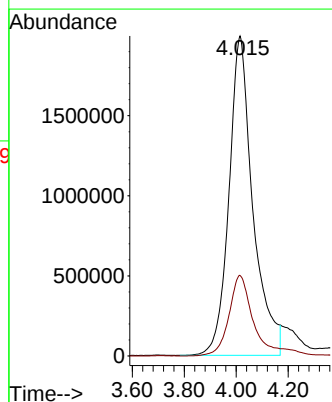
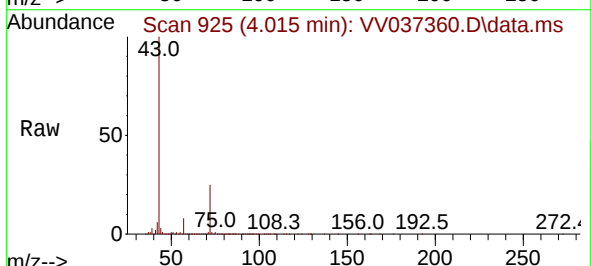
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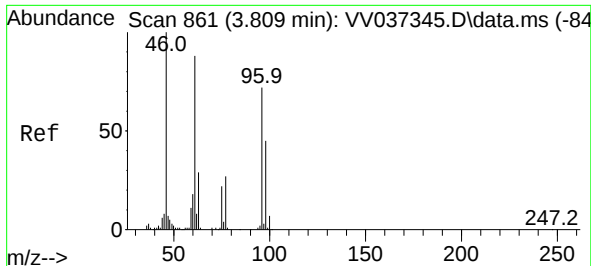
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#21
2-Butanone
Concen: 2415.882 ug/L
RT: 4.015 min Scan# 925
Delta R.T. 0.132 min
Lab File: VV037360.D
Acq: 19 Sep 2024 02:43

Tgt Ion: 43 Resp:12758352
Ion Ratio Lower Upper
43 100
72 24.9 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 37.105 ug/L

RT: 3.886 min Scan# 841789

Delta R.T. 0.077 min

Lab File: VV037360.D

Acq: 19 Sep 2024 02:43

Instrument :

MSVOA_V

ClientSampleId :

BH8M4

Tgt Ion: 96 Resp: 841789

Ion Ratio Lower Upper

96 100

61 135.4 87.6 162.6

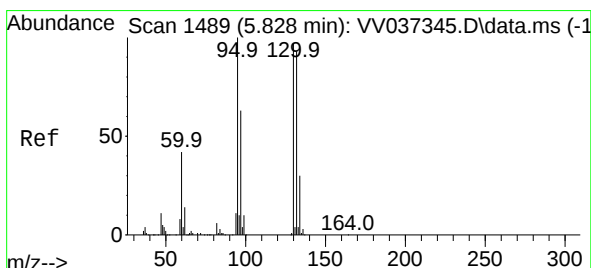
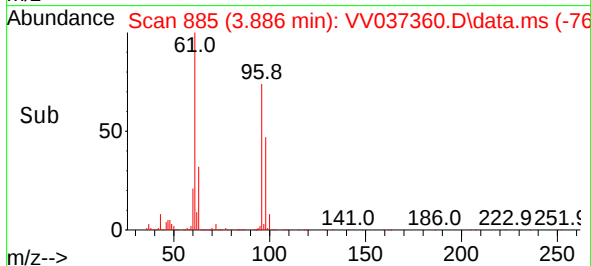
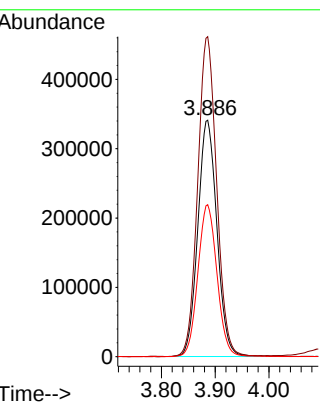
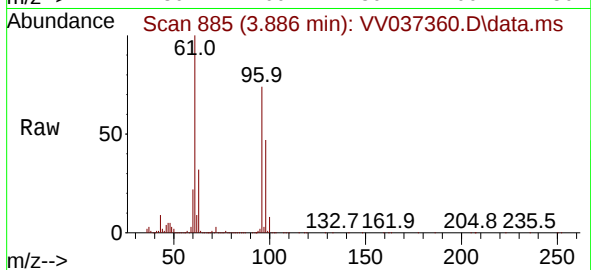
98 64.3 44.9 83.5

Manual Integrations

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#34

Trichloroethene

Concen: 9.147 ug/L

RT: 5.818 min Scan# 1486

Delta R.T. -0.010 min

Lab File: VV037360.D

Acq: 19 Sep 2024 02:43

Tgt Ion: 95 Resp: 234638

Ion Ratio Lower Upper

95 100

97 65.0 46.5 86.5

132 89.8 65.5 121.7

130 95.4 71.3 132.3

