

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033422.D
 Acq On : 16 Dec 2023 10:15
 Operator : SY/MD
 Sample : 05846-14DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD5DL

Quant Time: Dec 16 20:25:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	211270	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	223384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	93800	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79244	48.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.420%		
7) Chloroethane-d5	1.532	69	70656	48.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.780%		
11) 1,1-Dichloroethene-d2	2.060	65	37691	46.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.080%		
21) 2-Butanone-d5	3.783	46	72022	87.834	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.830%		
24) Chloroform-d	4.246	84	154907	48.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.260%		
26) 1,2-Dichloroethane-d4	4.937	65	99973	50.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.140%		
32) Benzene-d6	4.957	84	289285	48.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.160%		
36) 1,2-Dichloropropane-d6	5.986	67	88978	48.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.460%		
41) Toluene-d8	7.243	98	245217	44.543	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.080%		
43) trans-1,3-Dichloroprop...	7.551	79	39379	44.004	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.000%		
47) 2-Hexanone-d5	8.024	63	48644	79.203	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.200%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	117097	44.618	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.240%		
66) 1,2-Dichlorobenzene-d4	11.561	152	97474	55.300	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.600%		
Target Compounds						
5) Vinyl chloride	1.282	62	2751	1.606	ug/L #	23
12) 1,1-Dichloroethene	2.069	96	57235	38.444	ug/L	94
13) Acetone	2.114	43	4197	4.410	ug/L	89
19) 1,1-Dichloroethane	3.111	63	4924	1.826	ug/L #	87
20) cis-1,2-Dichloroethene	3.812	96	7282	4.564	ug/L	95
27) 1,2-Dichloroethane	5.053	62	4519	1.932	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	9699	3.517	ug/L #	78
34) Trichloroethene	5.841	95	5369m	3.287	ug/L	

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

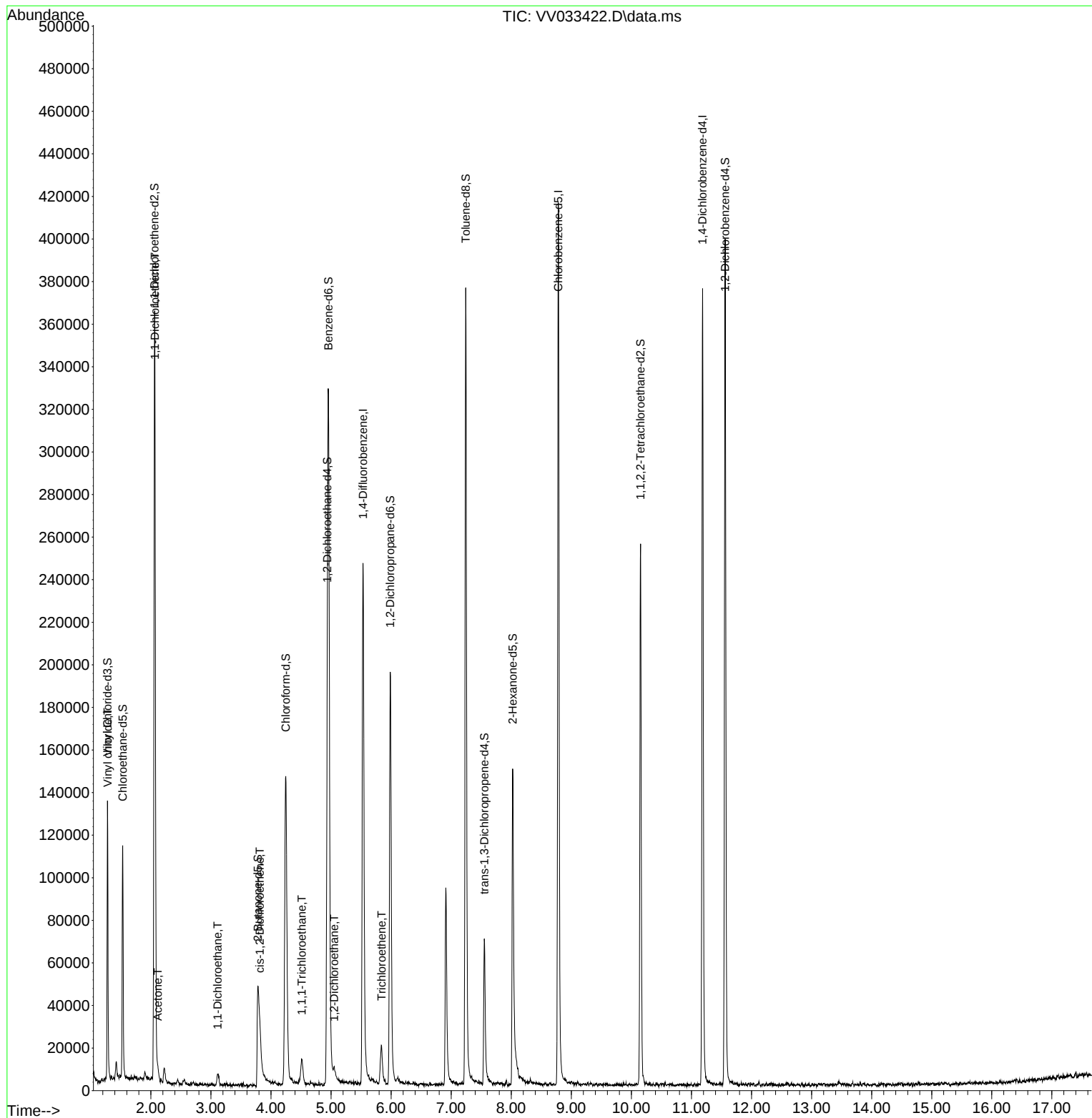
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033422.D
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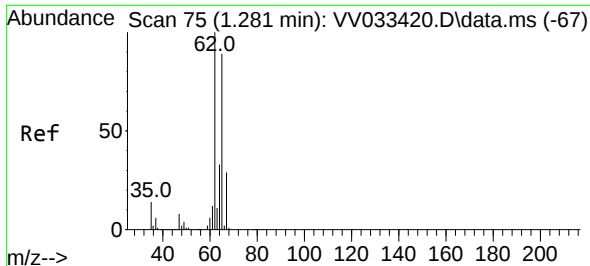
Instrument :
MSVOA_V
ClientSampleId :
YCHD5DL

Quant Time: Dec 16 20:25:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
Quant Title : VOC Analysis
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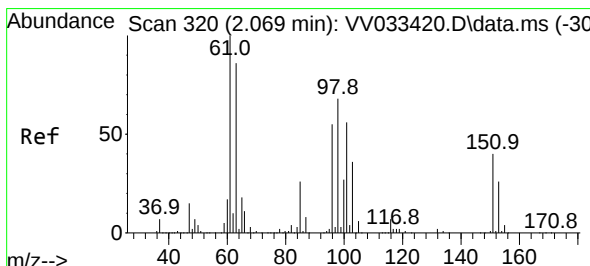
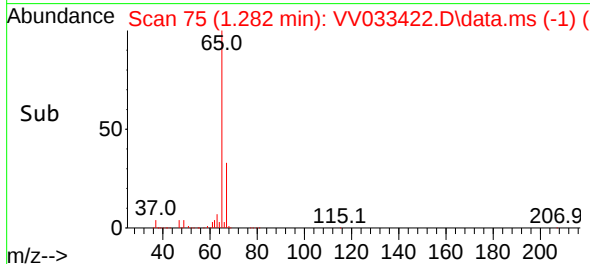
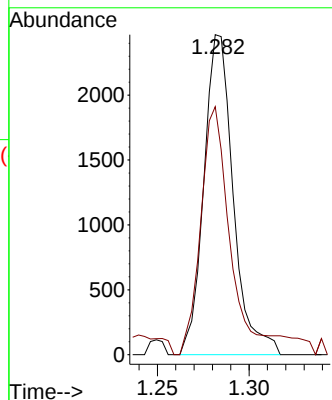
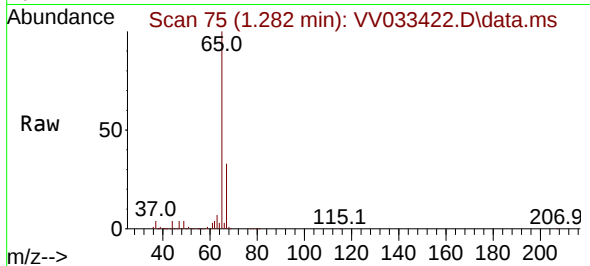
#5
 Vinyl chloride
 Concen: 1.606 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV033422.D
 Acq: 16 Dec 2023 10:15

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD5DL

Tgt Ion: 62 Resp: 275
 Ion Ratio Lower Upper
 62 100
 64 77.5 23.4 43.6

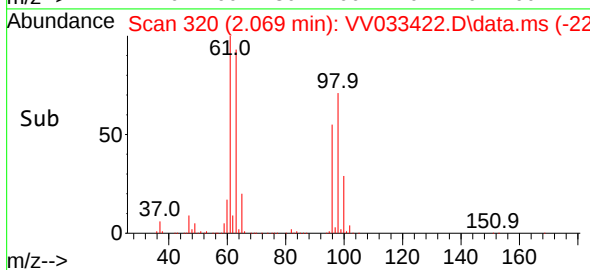
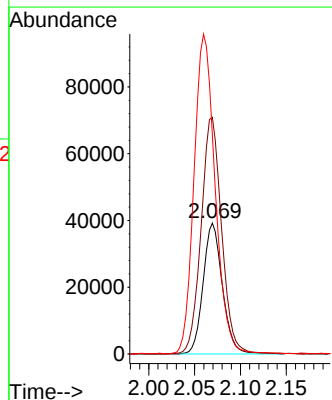
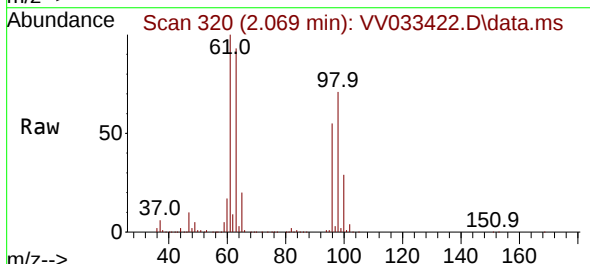
Manual Integrations
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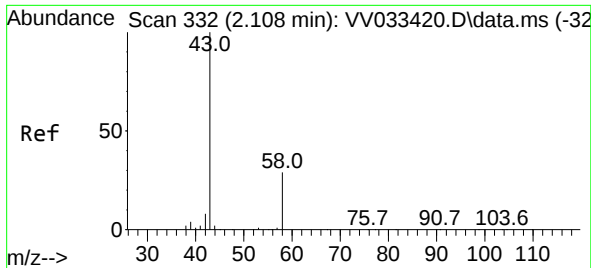
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#12
 1,1-Dichloroethene
 Concen: 38.444 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033422.D
 Acq: 16 Dec 2023 10:15

Tgt Ion: 96 Resp: 57235
 Ion Ratio Lower Upper
 96 100
 61 180.9 124.3 230.8
 63 167.5 108.1 200.7





#13

Acetone

Concen: 4.410 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV033422.D

Acq: 16 Dec 2023 10:15

Instrument :

MSVOA_V

ClientSampleId :

YCHD5DL

Tgt Ion: 43 Resp: 419

Ion Ratio Lower Upper

43 100

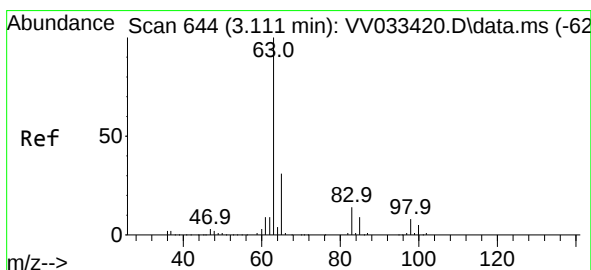
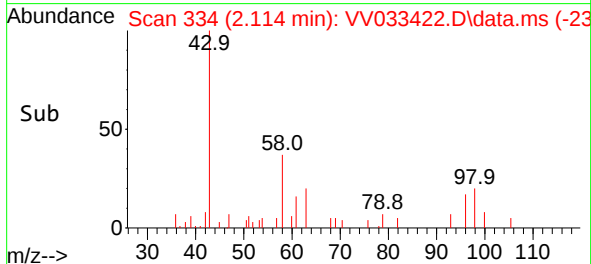
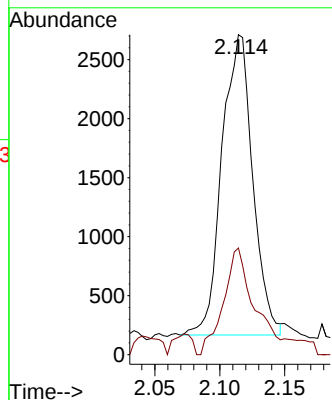
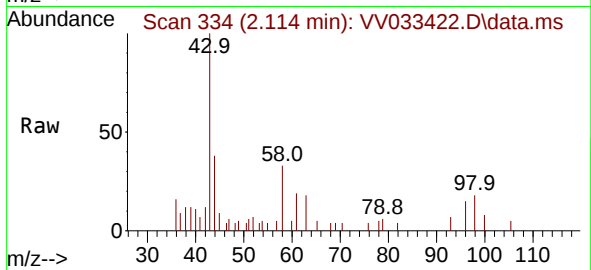
58 35.5 0.0 59.2

Manual Integrations

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#19

1,1-Dichloroethane

Concen: 1.826 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV033422.D

Acq: 16 Dec 2023 10:15

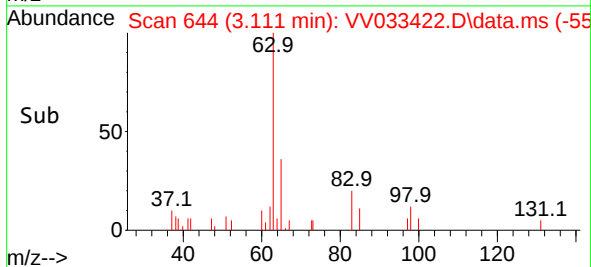
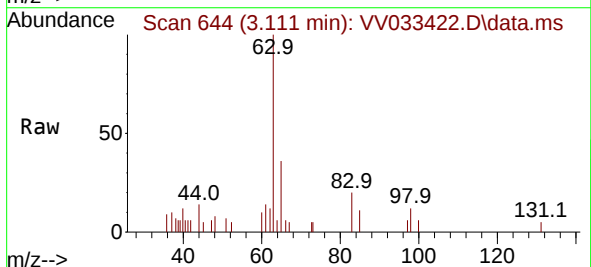
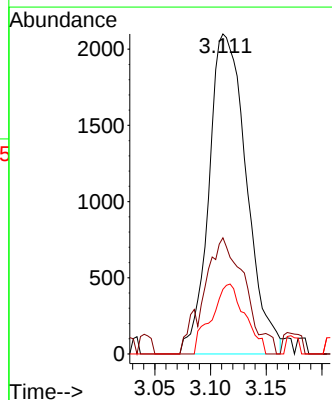
Tgt Ion: 63 Resp: 4924

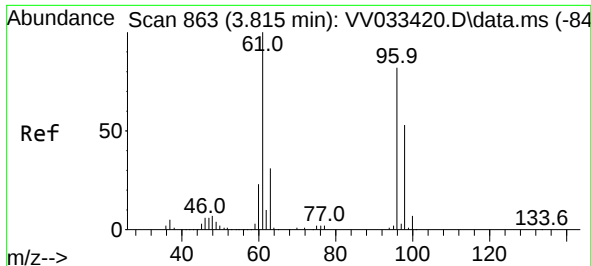
Ion Ratio Lower Upper

63 100

65 36.3 21.1 39.3

83 20.2 9.7 17.9#





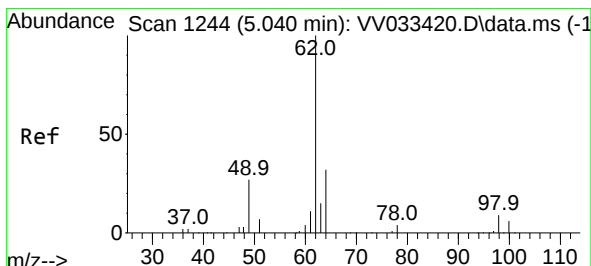
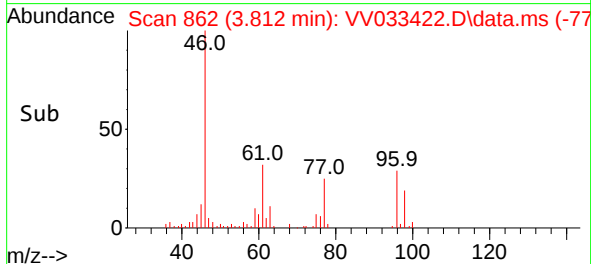
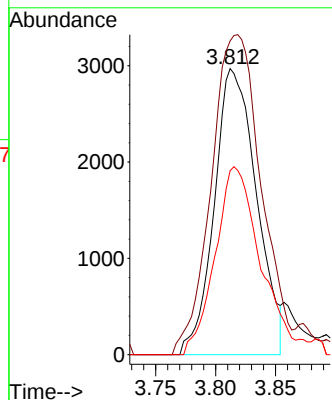
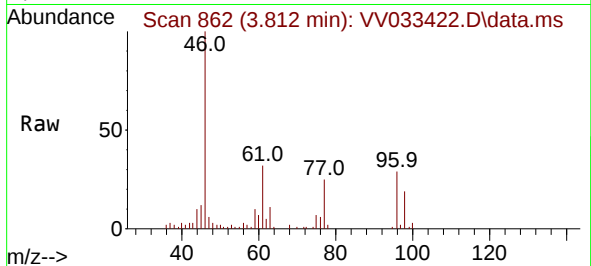
#20
 cis-1,2-Dichloroethene
 Concen: 4.564 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. -0.003 min
 Lab File: VV033422.D
 Acq: 16 Dec 2023 10:15

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD5DL

Tgt Ion: 96 Resp: 728
 Ion Ratio Lower Upper
 96 100
 61 109.7 81.9 152.1
 98 64.3 44.3 82.3

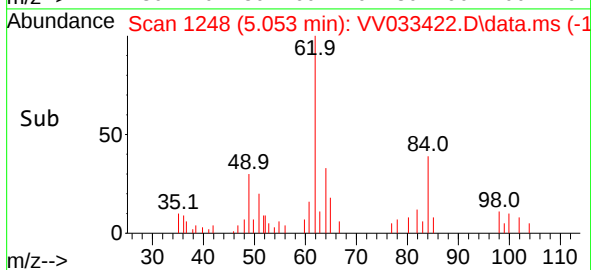
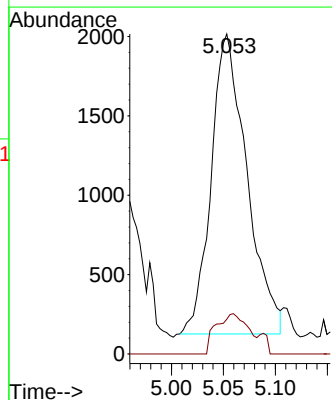
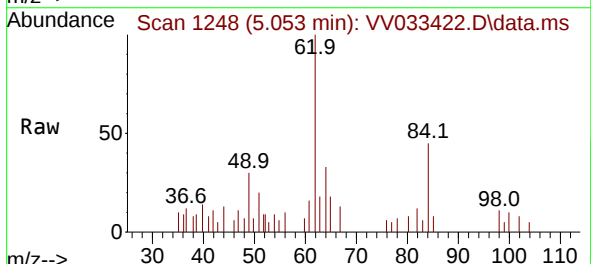
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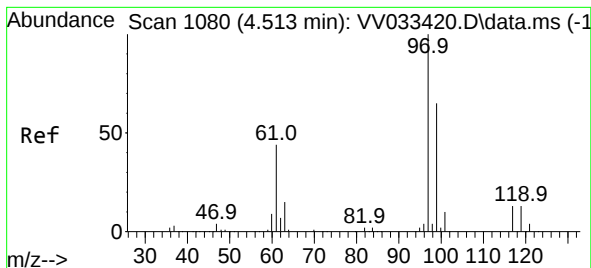
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#27
 1,2-Dichloroethane
 Concen: 1.932 ug/L
 RT: 5.053 min Scan# 1248
 Delta R.T. 0.013 min
 Lab File: VV033422.D
 Acq: 16 Dec 2023 10:15

Tgt Ion: 62 Resp: 4519
 Ion Ratio Lower Upper
 62 100
 98 10.9 8.0 12.0





#30

1,1,1-Trichloroethane

Concen: 3.517 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV033422.D

Acq: 16 Dec 2023 10:15

Instrument :

MSVOA_V

ClientSampleId :

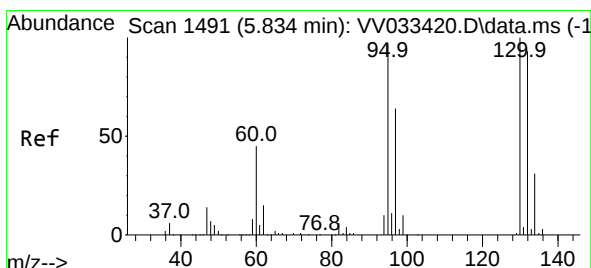
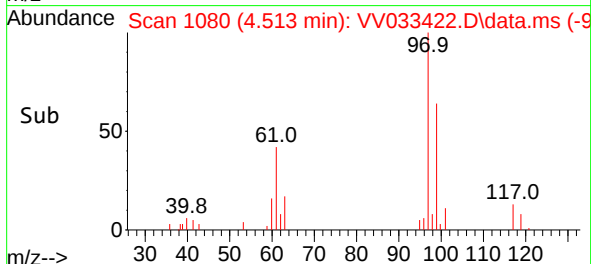
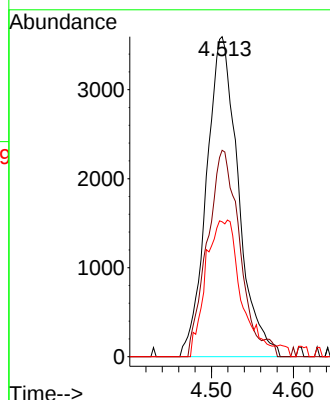
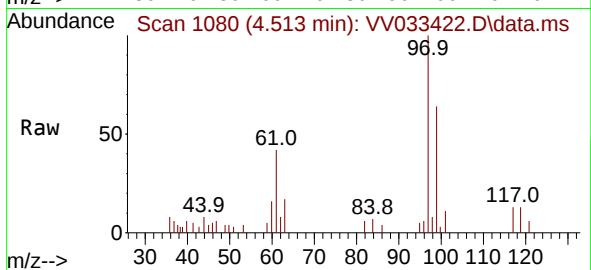
YCHD5DL

Tgt Ion:	97	Resp:	969
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	9.1	34.8	52.2

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#34

Trichloroethene

Concen: 3.287 ug/L m

RT: 5.841 min Scan# 1493

Delta R.T. 0.007 min

Lab File: VV033422.D

Acq: 16 Dec 2023 10:15

Tgt Ion:	95	Resp:	5369
Ion	Ratio	Lower	Upper
95	100		
97	85.7	44.8	83.2#
132	130.9	69.9	129.7#
130	119.0	73.3	136.1

