

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW0333391.D
 Acq On : 15 Dec 2023 20:43
 Operator : SY/MD
 Sample : 05846-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD3

Quant Time: Dec 16 00:19:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

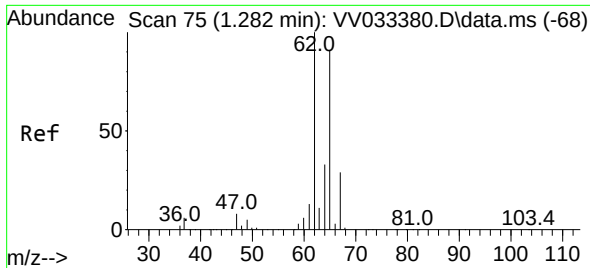
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	218243	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	226285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	95311	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81480	48.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.960%		
7) Chloroethane-d5	1.532	69	73481	48.719	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.440%		
11) 1,1-Dichloroethene-d2	2.060	65	42321	50.585	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.180%		
21) 2-Butanone-d5	3.783	46	86473	102.089	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.090%		
24) Chloroform-d	4.246	84	153389	46.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.280%		
26) 1,2-Dichloroethane-d4	4.941	65	100956	49.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.860%		
32) Benzene-d6	4.960	84	291074	47.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.520%		
36) 1,2-Dichloropropane-d6	5.989	67	88865	48.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.080%		
41) Toluene-d8	7.243	98	249255	44.696	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.400%		
43) trans-1,3-Dichloroprop...	7.555	79	39773	43.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.740%		
47) 2-Hexanone-d5	8.024	63	56116	90.198	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.200%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	126252	47.490	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.980%		
66) 1,2-Dichlorobenzene-d4	11.561	152	99531	55.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.140%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	162590	91.878	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	10305	5.692	ug/L #	73
12) 1,1-Dichloroethene	2.069	96	1663400m	1081.582	ug/L	
13) Acetone	2.108	43	39632	40.308	ug/L	98
14) Carbon disulfide	2.243	76	6898	1.755	ug/L #	94
19) 1,1-Dichloroethane	3.111	63	168527	60.489	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	37838	22.957	ug/L	95
22) 2-Butanone	3.873	43	29592m	30.549	ug/L	
25) Chloroform	4.278	83	10044	3.203	ug/L	89
27) 1,2-Dichloroethane	5.050	62	12280	5.081	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	92564	33.131	ug/L	100
33) Benzene	5.011	78	50260	8.333	ug/L	100
34) Trichloroethene	5.838	95	22929	13.857	ug/L	96
37) 1,2-Dichloropropane	6.101	63	3476	2.125	ug/L #	95

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

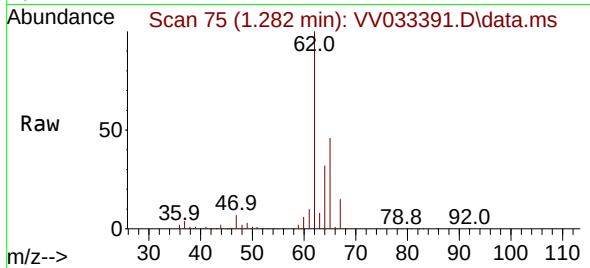
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023

[illegible]



#5
 Vinyl chloride
 Concen: 91.878 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV033391.D
 Acq: 15 Dec 2023 20:43

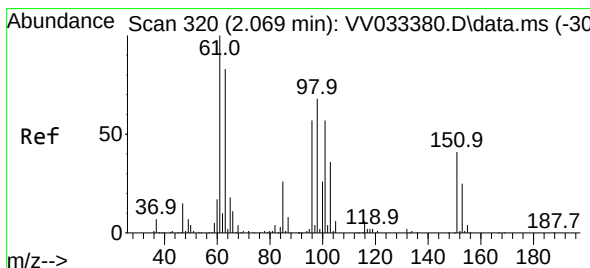
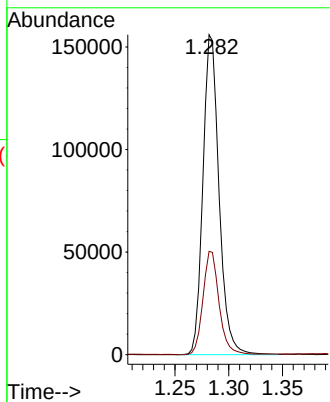
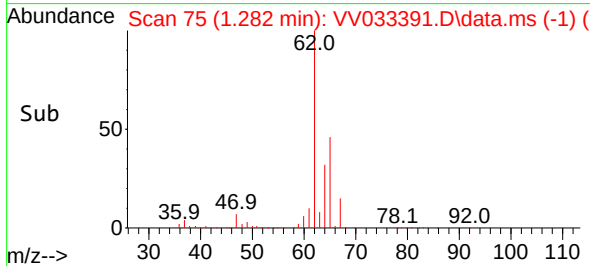
Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD3



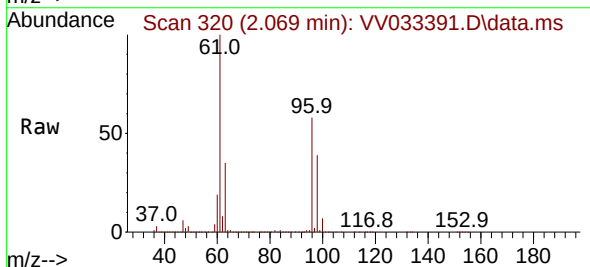
Tgt Ion: 62 Resp: 162590
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.4 43.6

Manual Integrations
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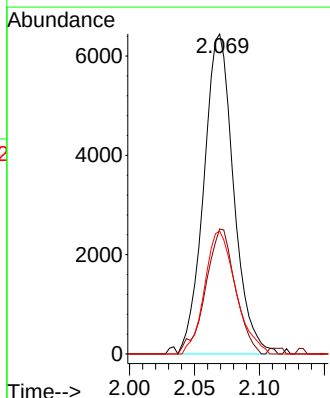
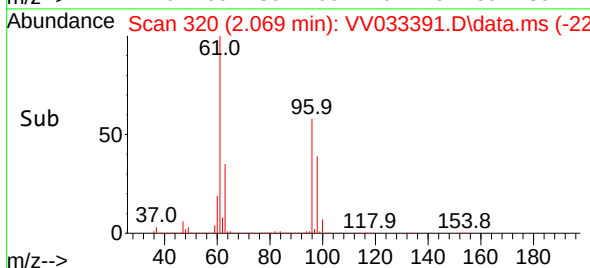
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

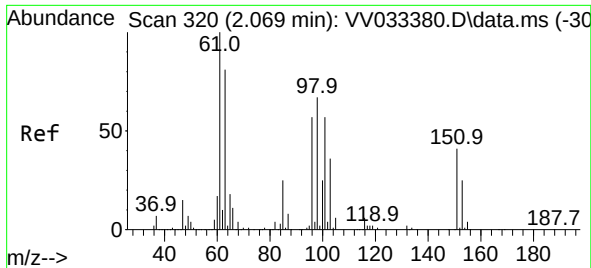


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.692 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033391.D
 Acq: 15 Dec 2023 20:43



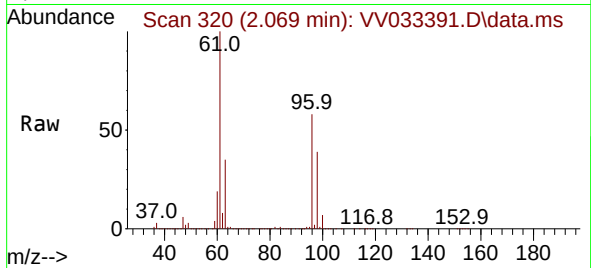
Tgt Ion:101 Resp: 10305
 Ion Ratio Lower Upper
 101 100
 85 38.7 36.6 54.8
 151 40.0 57.0 85.6





#12
1,1-Dichloroethene
Concen: 1081.582 ug/L m
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033391.D
Acq: 15 Dec 2023 20:43

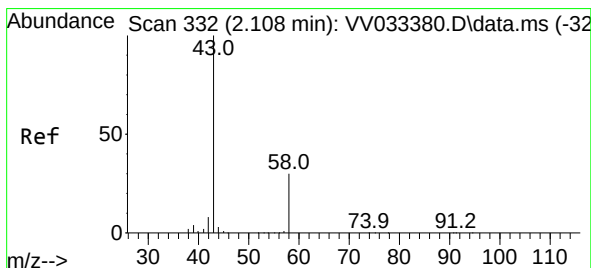
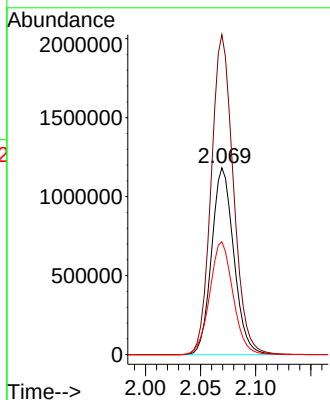
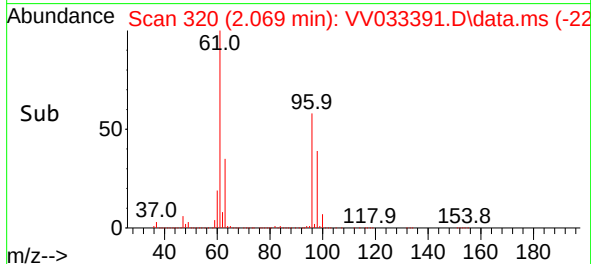
Instrument :
MSVOA_V
ClientSampleId :
YCHD3



Tgt Ion: 96 Resp: 1663400
Ion Ratio Lower Upper
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61 171.3 124.3 230.8
63 60.4 108.1 200.7

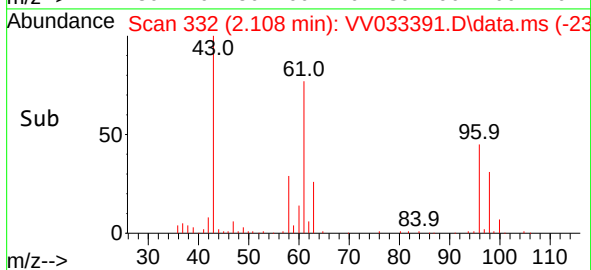
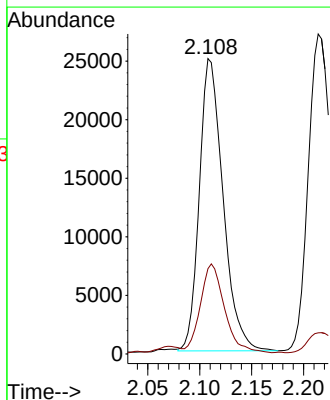
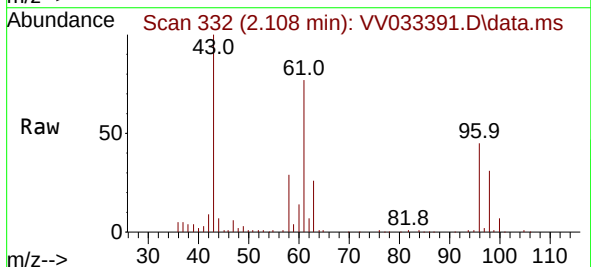
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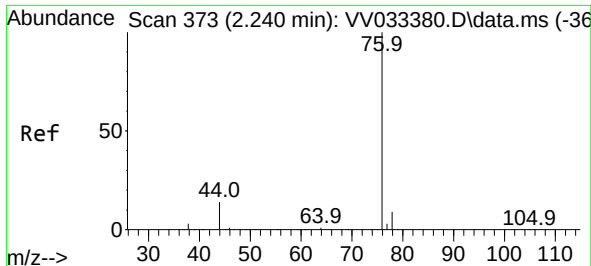
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#13
Acetone
Concen: 40.308 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.000 min
Lab File: VV033391.D
Acq: 15 Dec 2023 20:43

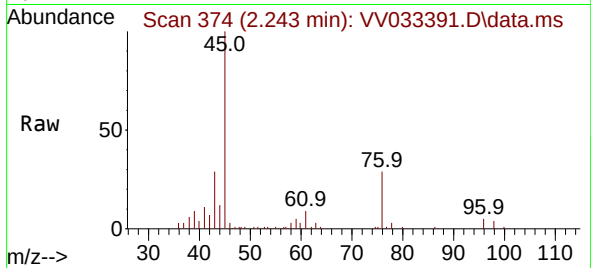
Tgt Ion: 43 Resp: 39632
Ion Ratio Lower Upper
43 100
58 30.7 0.0 59.2





#14
Carbon disulfide
Concen: 1.755 ug/L
RT: 2.243 min Scan# 373
Delta R.T. 0.003 min
Lab File: VV033391.D
Acq: 15 Dec 2023 20:43

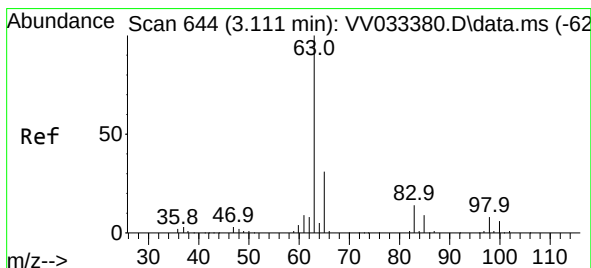
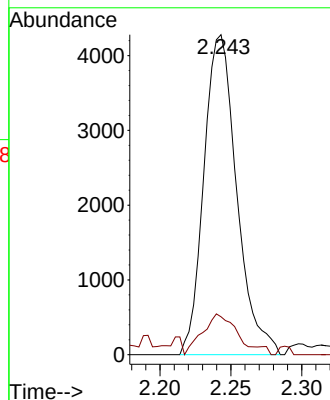
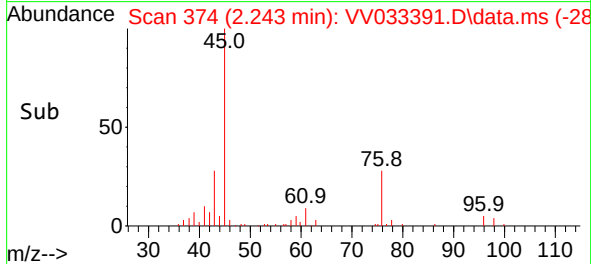
Instrument :
MSVOA_V
ClientSampleId :
YCHD3



Tgt Ion: 76 Resp: 6898
Ion Ratio Lower Upper
76 100
78 11.9 7.6 11.4

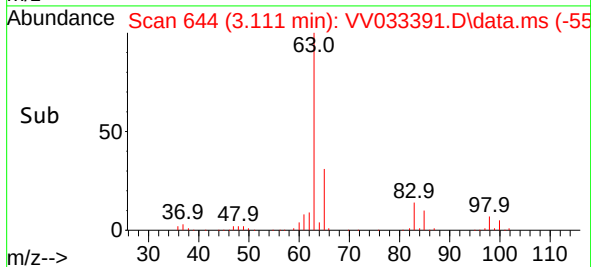
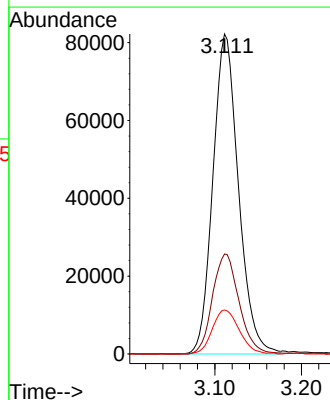
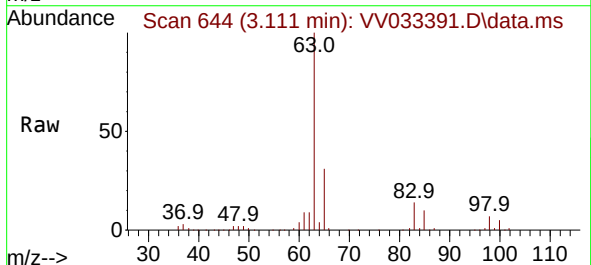
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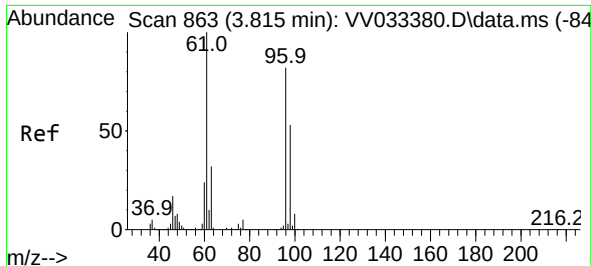
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#19
1,1-Dichloroethane
Concen: 60.489 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV033391.D
Acq: 15 Dec 2023 20:43

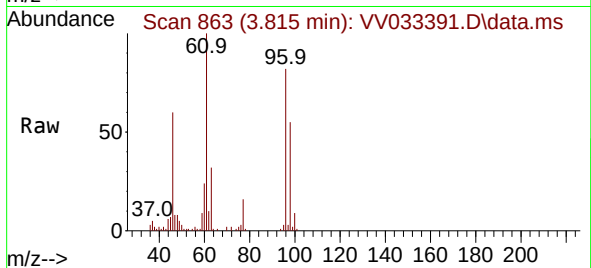
Tgt Ion: 63 Resp: 168527
Ion Ratio Lower Upper
63 100
65 31.2 21.1 39.3
83 13.8 9.7 17.9





#20
cis-1,2-Dichloroethene
Concen: 22.957 ug/L
RT: 3.815 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV033391.D
Acq: 15 Dec 2023 20:43

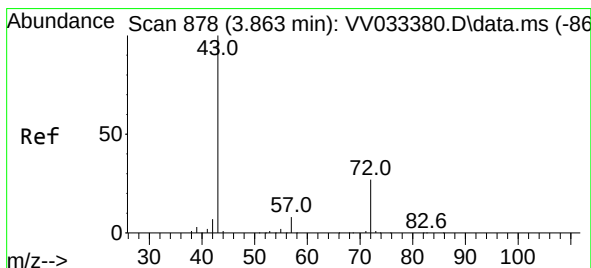
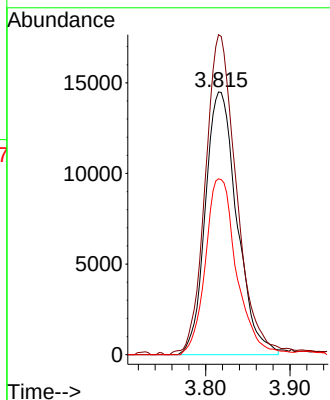
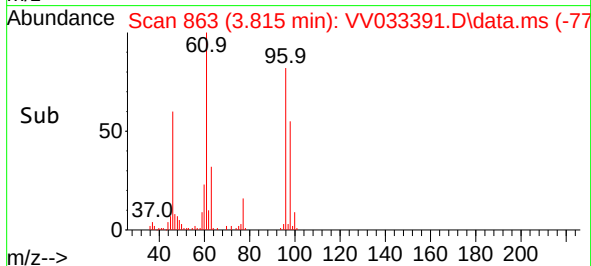
Instrument :
MSVOA_V
ClientSampleId :
YCHD3



Tgt Ion: 96 Resp: 3783
Ion Ratio Lower Upper
96 100
61 121.8 81.9 152.1
98 66.9 44.3 82.3

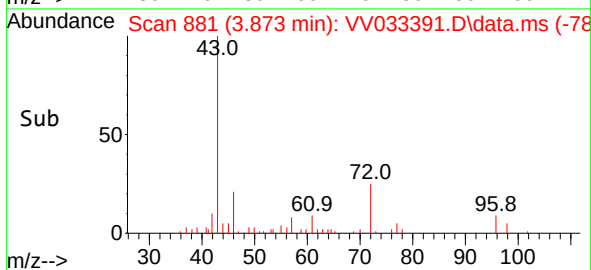
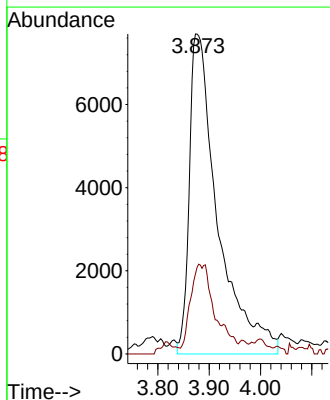
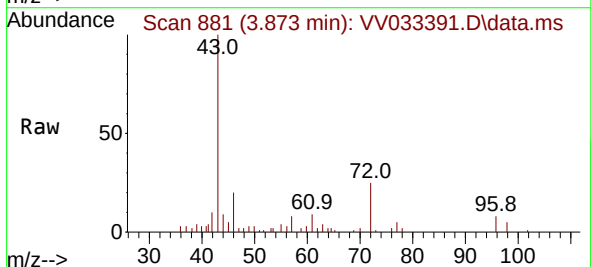
Manual Integrations
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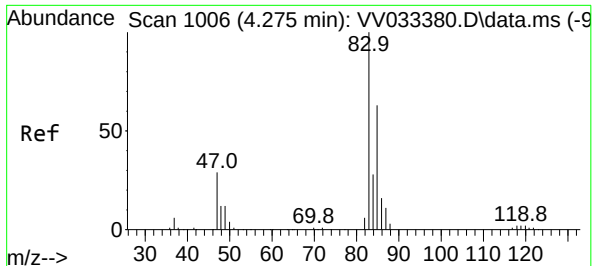
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#22
2-Butanone
Concen: 30.549 ug/L m
RT: 3.873 min Scan# 881
Delta R.T. 0.010 min
Lab File: VV033391.D
Acq: 15 Dec 2023 20:43

Tgt Ion: 43 Resp: 29592
Ion Ratio Lower Upper
43 100
72 10.5 12.4 37.4#





#25

Chloroform

Concen: 3.203 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033391.D

Acq: 15 Dec 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

YCHD3

Tgt Ion: 83 Resp: 1004

Ion Ratio Lower Upper

83 100

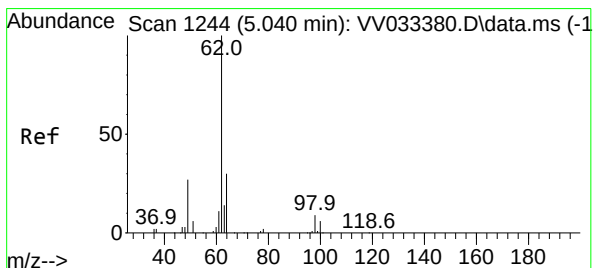
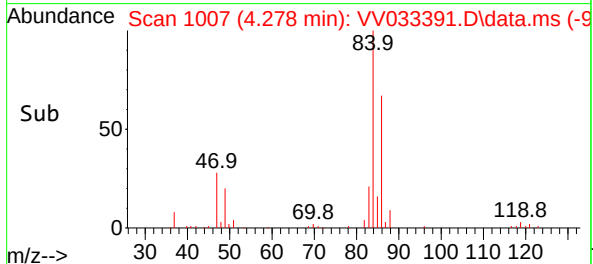
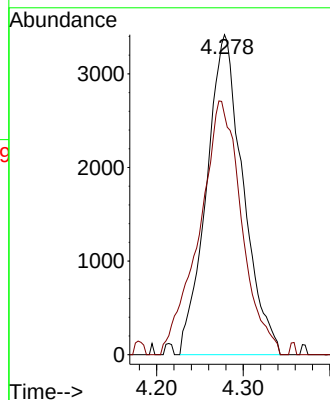
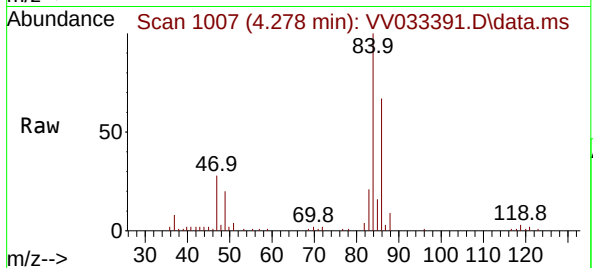
85 74.9 46.1 85.7

Manual Integrations

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Supervised By :Mahesh Dadoda 12/18/2023



#27

1,2-Dichloroethane

Concen: 5.081 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.010 min

Lab File: VV033391.D

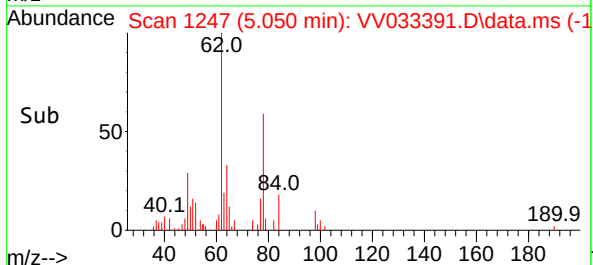
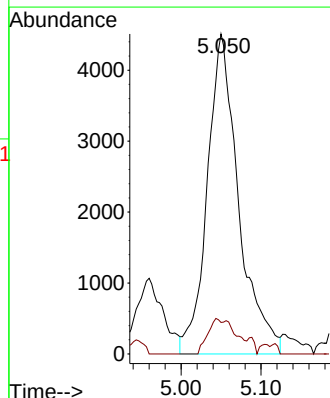
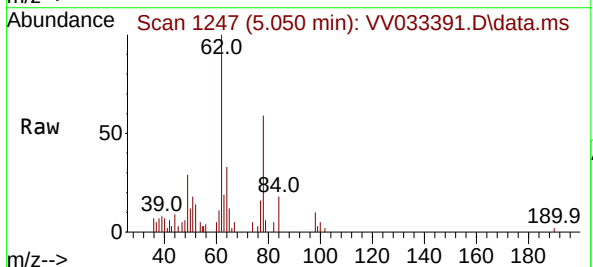
Acq: 15 Dec 2023 20:43

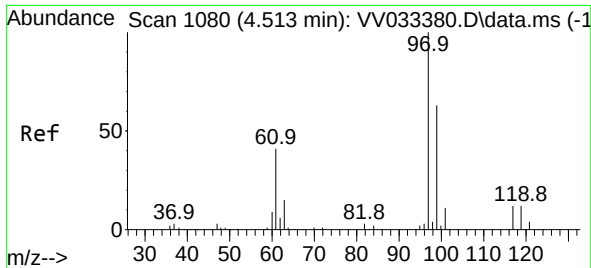
Tgt Ion: 62 Resp: 12280

Ion Ratio Lower Upper

62 100

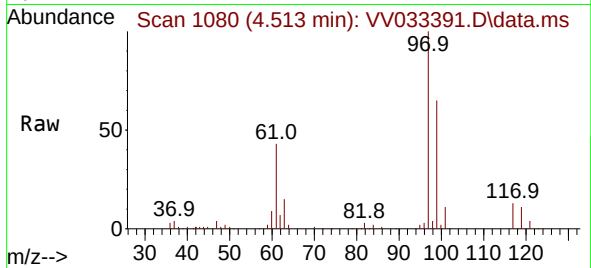
98 9.8 8.0 12.0





#30
1,1,1-Trichloroethane
Concen: 33.131 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV033391.D
Acq: 15 Dec 2023 20:43

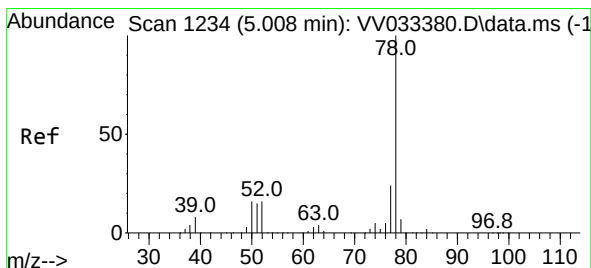
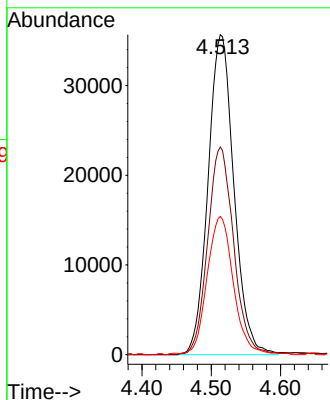
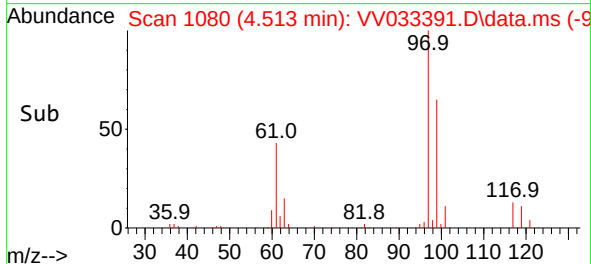
Instrument :
MSVOA_V
ClientSampleId :
YCHD3



Tgt Ion: 97 Resp: 92564
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 43.6 34.8 52.2

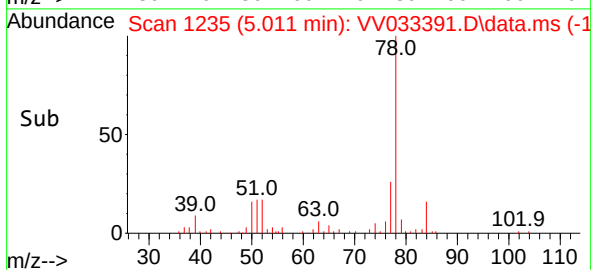
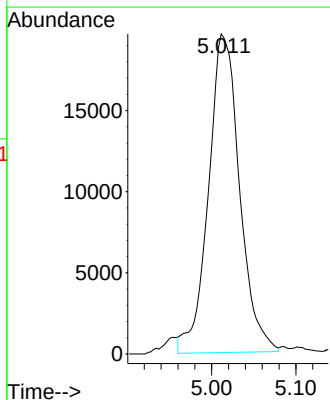
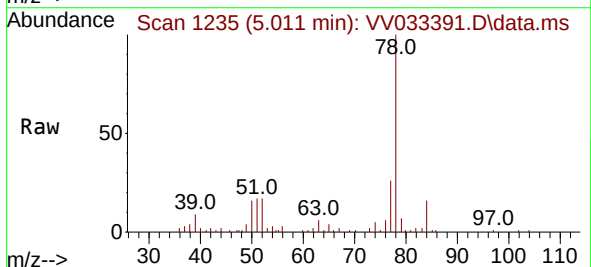
Manual Integrations
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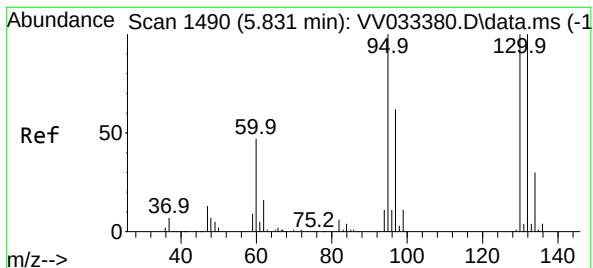
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#33
Benzene
Concen: 8.333 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV033391.D
Acq: 15 Dec 2023 20:43

Tgt Ion: 78 Resp: 50260





#34

Trichloroethene

Concen: 13.857 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV033391.D

Acq: 15 Dec 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

YCHD3

Tgt Ion: 95 Resp: 22929

Ion Ratio Lower Upper

95 100

97 62.7 44.8 83.2

132 96.1 69.9 129.7

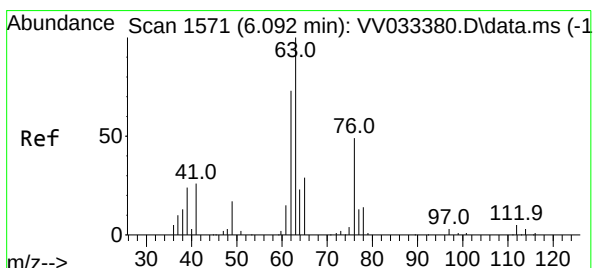
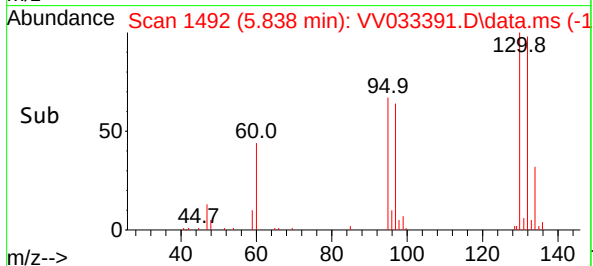
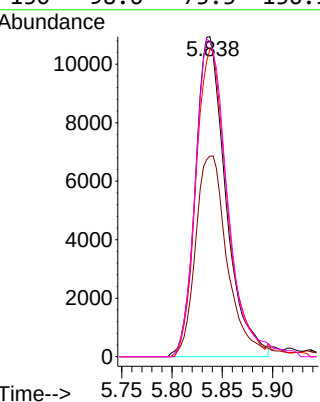
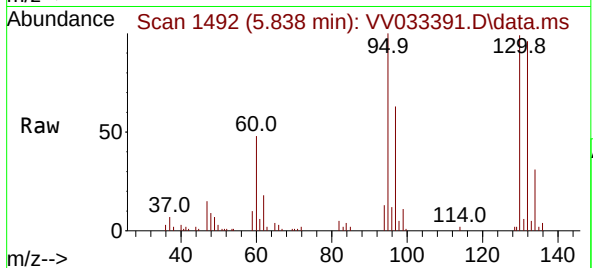
130 98.6 73.3 136.1

Manual Integrations

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Supervised By :Mahesh Dadoda 12/18/2023



#37

1,2-Dichloropropane

Concen: 2.125 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. 0.010 min

Lab File: VV033391.D

Acq: 15 Dec 2023 20:43

Tgt Ion: 63 Resp: 3476

Ion Ratio Lower Upper

63 100

112 6.4 3.7 5.5#

