

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033396.D
 Acq On : 15 Dec 2023 22:40
 Operator : SY/MD
 Sample : 05846-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ4

Quant Time: Dec 16 00:22:26 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

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

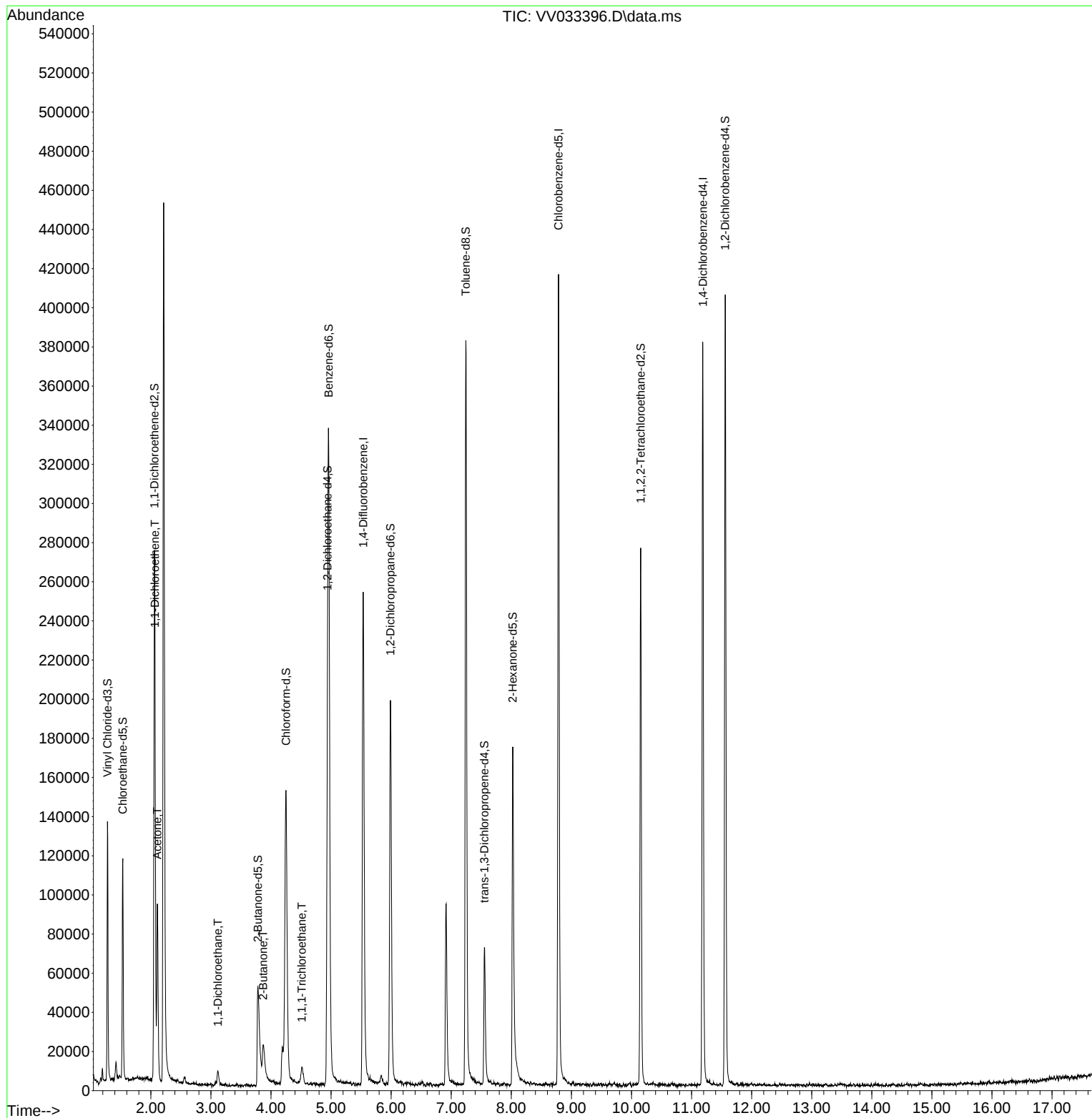
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	219063	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	226820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	96220	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80620	47.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.580%
7) Chloroethane-d5	1.532	69	72386	47.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.620%
11) 1,1-Dichloroethene-d2	2.060	65	38619	45.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.980%
21) 2-Butanone-d5	3.780	46	86208	101.395	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.390%
24) Chloroform-d	4.249	84	157485	47.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
26) 1,2-Dichloroethane-d4	4.941	65	102977	50.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
32) Benzene-d6	4.960	84	292911	47.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
36) 1,2-Dichloropropane-d6	5.989	67	91183	49.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	7.243	98	248058	44.377	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.760%
43) trans-1,3-Dichloroprop...	7.551	79	40342	44.397	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.800%
47) 2-Hexanone-d5	8.024	63	54557	87.485	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.490%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	124930	46.882	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.760%
66) 1,2-Dichlorobenzene-d4	11.561	152	99610	55.090	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.180%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	21611	13.999	ug/L	# 1
13) Acetone	2.108	43	87956	89.122	ug/L	100
19) 1,1-Dichloroethane	3.114	63	6519	2.331	ug/L	98
22) 2-Butanone	3.870	43	33909	34.874	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	6531	2.332	ug/L	97

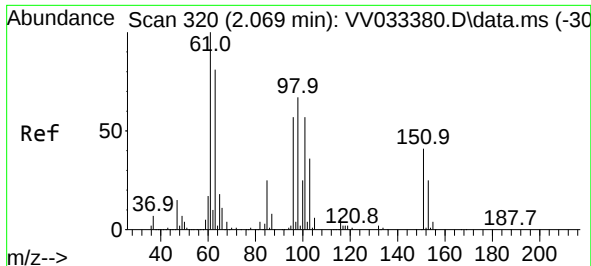
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 15 23:24:47 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.999 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

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ClientSampleId :

YCHJ4

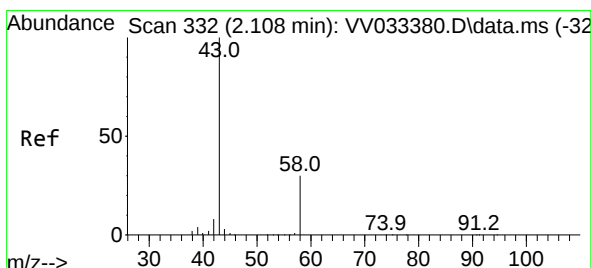
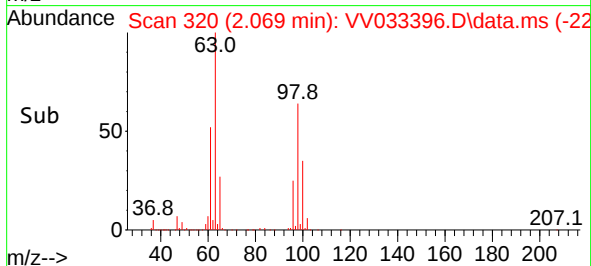
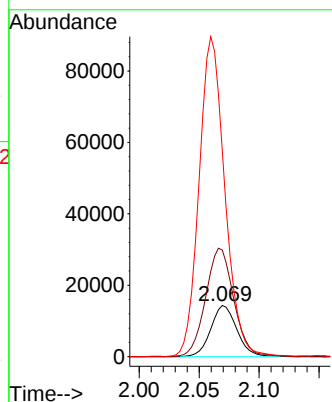
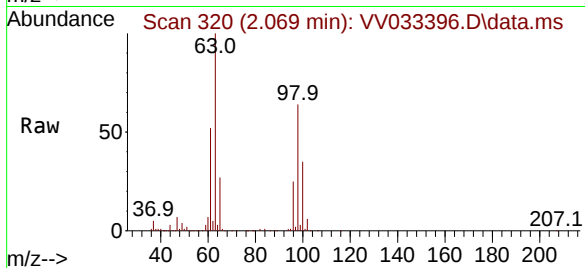
Tgt Ion: 96 Resp: 21611

Ion Ratio Lower Upper

96 100

61 208.3 124.3 230.8

63 402.5 108.1 200.7#



#13

Acetone

Concen: 89.122 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.000 min

Lab File: VV033396.D

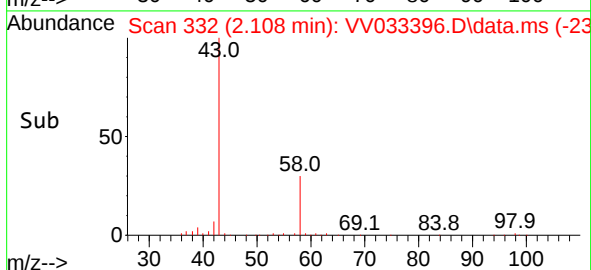
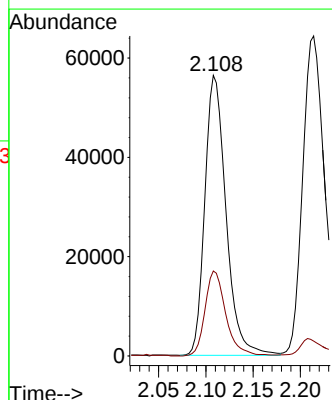
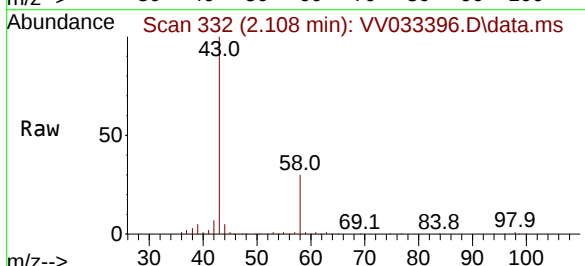
Acq: 15 Dec 2023 22:40

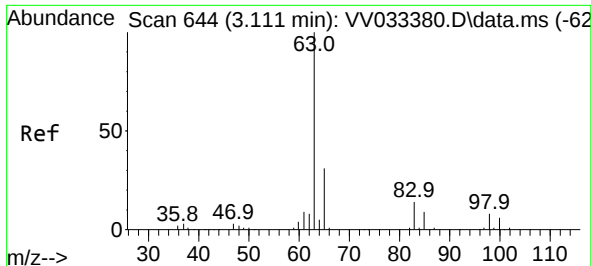
Tgt Ion: 43 Resp: 87956

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.2





#19

1,1-Dichloroethane

Concen: 2.331 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

YCHJ4

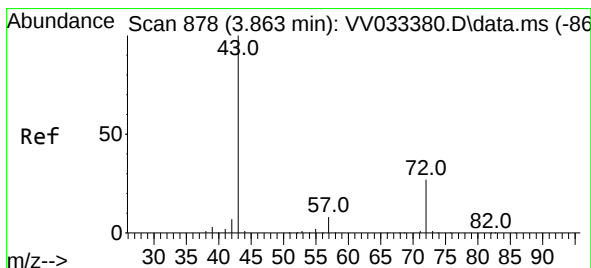
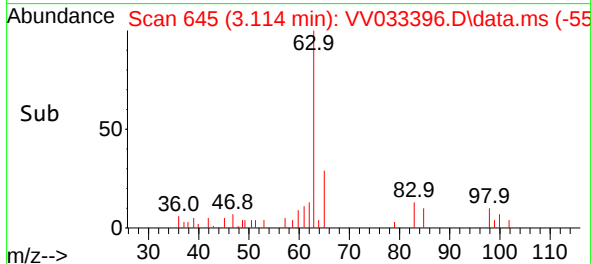
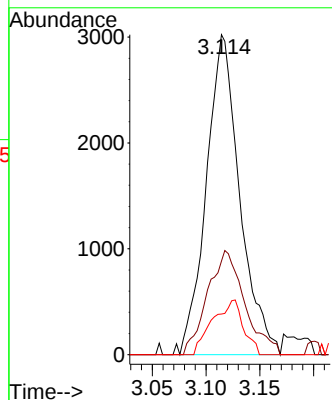
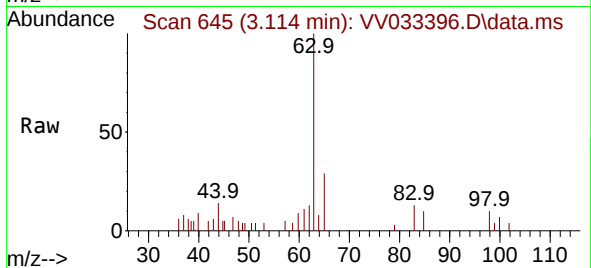
Tgt Ion: 63 Resp: 6519

Ion Ratio Lower Upper

63 100

65 29.2 21.1 39.3

83 12.7 9.7 17.9



#22

2-Butanone

Concen: 34.874 ug/L

RT: 3.870 min Scan# 880

Delta R.T. 0.006 min

Lab File: VV033396.D

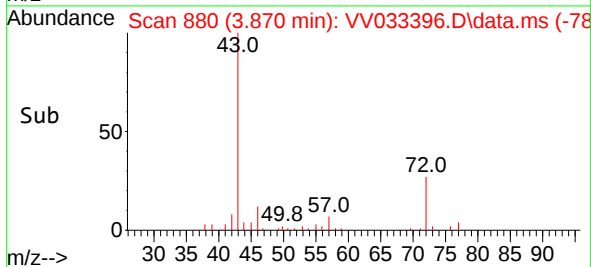
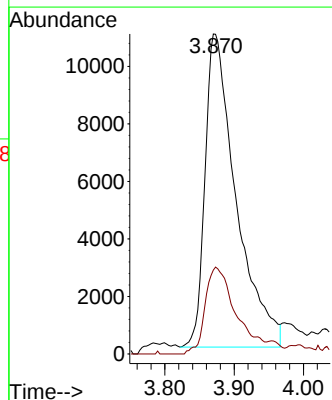
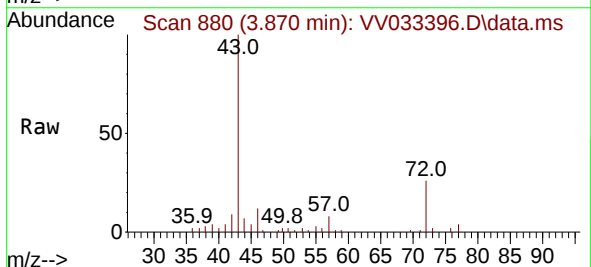
Acq: 15 Dec 2023 22:40

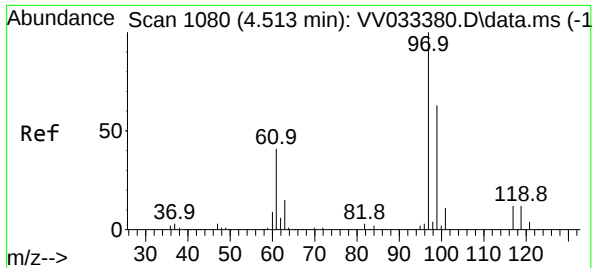
Tgt Ion: 43 Resp: 33909

Ion Ratio Lower Upper

43 100

72 25.8 12.4 37.4





#30
 1,1,1-Trichloroethane
 Concen: 2.332 ug/L
 RT: 4.513 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VV033396.D
 Acq: 15 Dec 2023 22:40

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ4

Tgt	Ion: 97	Resp:	6531
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.8	77.6
61	45.9	34.8	52.2

