

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033389.D
 Acq On : 15 Dec 2023 19:57
 Operator : SY/MD
 Sample : 05846-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:18:54 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)

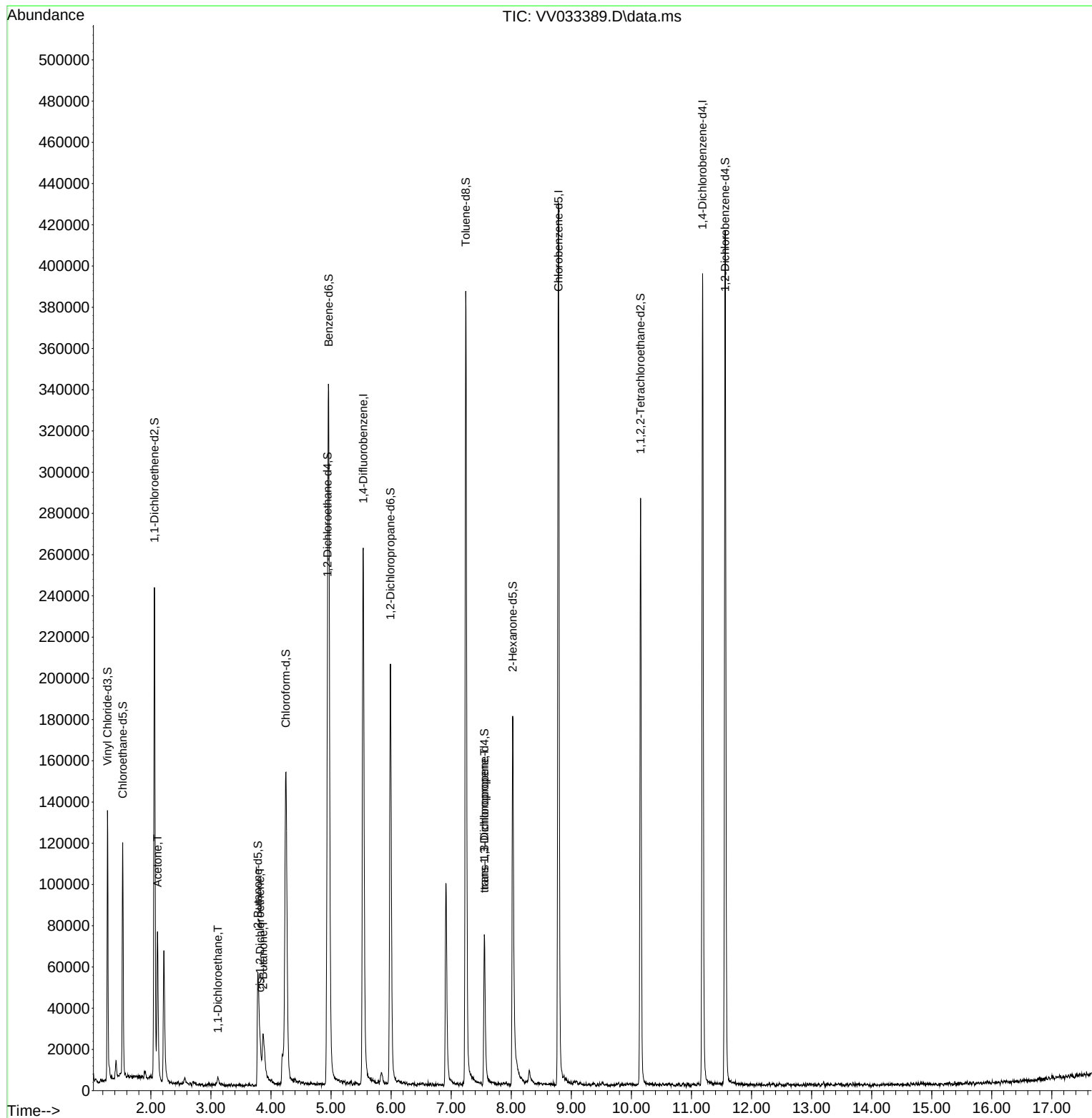
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	226440	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	232955	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99545	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80993	46.446	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.900%
7) Chloroethane-d5	1.532	69	73959	47.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	2.060	65	39587	45.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.200%
21) 2-Butanone-d5	3.783	46	86726	98.681	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.680%
24) Chloroform-d	4.246	84	158623	45.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.980%
26) 1,2-Dichloroethane-d4	4.940	65	102711	48.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
32) Benzene-d6	4.960	84	294379	46.919	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.840%
36) 1,2-Dichloropropane-d6	5.989	67	89580	47.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.080%
41) Toluene-d8	7.243	98	253819	44.211	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.420%
43) trans-1,3-Dichloroprop...	7.551	79	40756	43.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.340%
47) 2-Hexanone-d5	8.024	63	58746	91.722	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.720%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	127938	46.746	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.500%
66) 1,2-Dichlorobenzene-d4	11.561	152	101172	54.085	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.160%
Target Compounds						
					Qvalue	
13) Acetone	2.111	43	70263	68.875	ug/L	98
19) 1,1-Dichloroethane	3.117	63	3680	1.273	ug/L #	87
20) cis-1,2-Dichloroethene	3.818	96	2334	1.365	ug/L	87
22) 2-Butanone	3.870	43	39197	39.000	ug/L	96
44) trans-1,3-Dichloropropene	7.554	75	2136	0.869	ug/L #	68

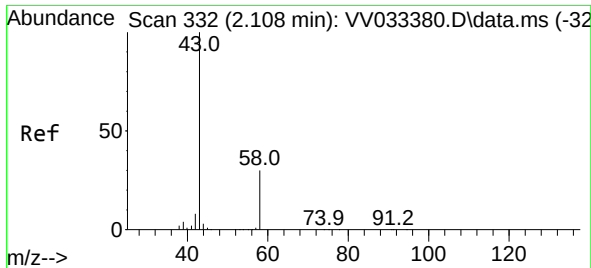
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 68.875 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033389.D

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Instrument :

MSVOA_V

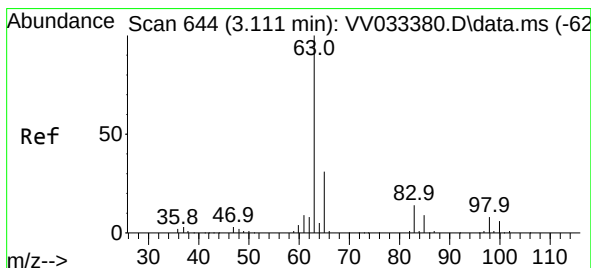
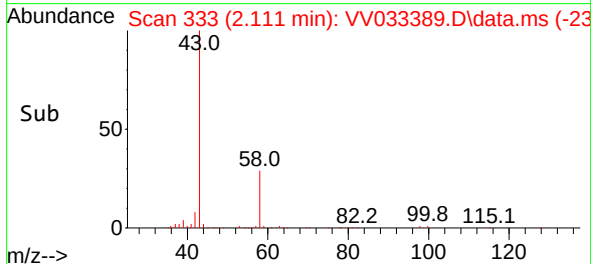
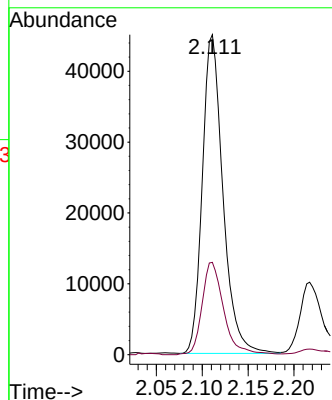
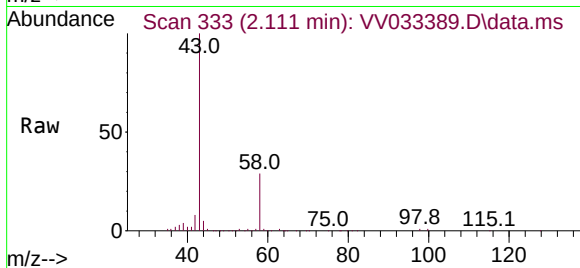
ClientSampleId :

Tgt Ion: 43 Resp: 70263

Ion Ratio Lower Upper

43 100

58 30.4 0.0 59.2



#19

1,1-Dichloroethane

Concen: 1.273 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.006 min

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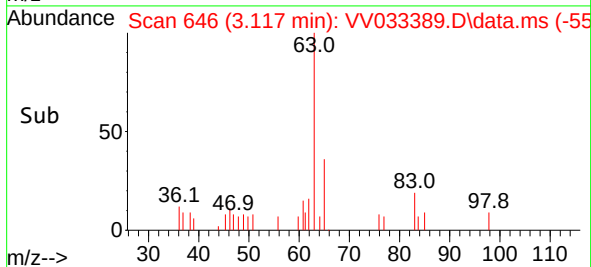
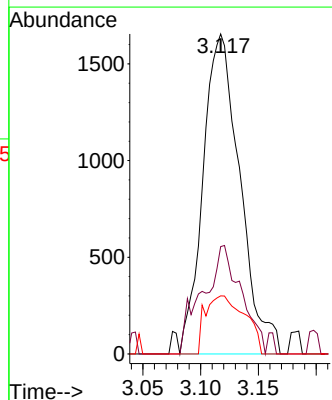
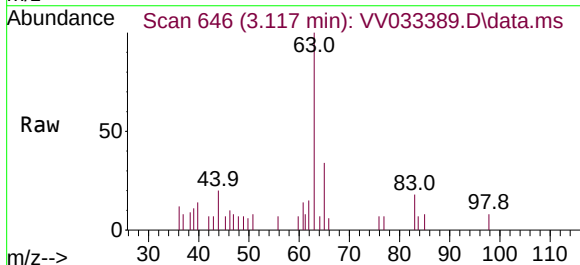
Tgt Ion: 63 Resp: 3680

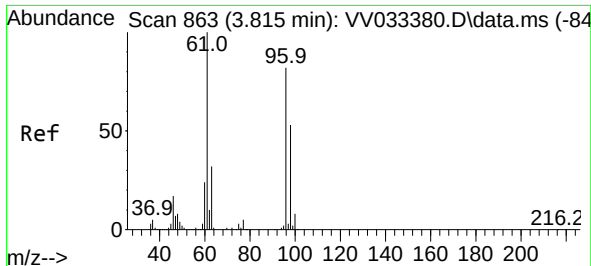
Ion Ratio Lower Upper

63 100

65 33.5 21.1 39.3

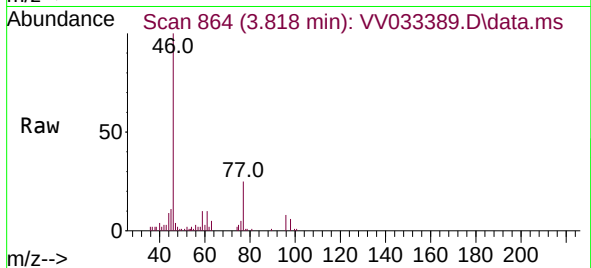
83 24.8 9.7 17.9#



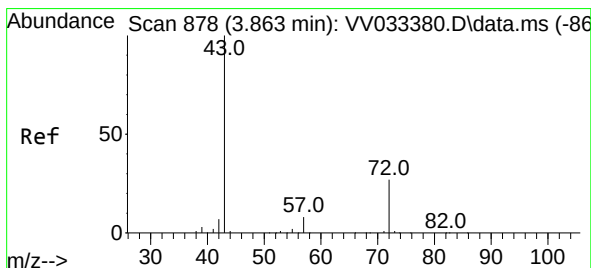
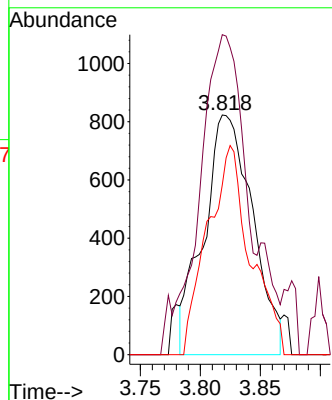
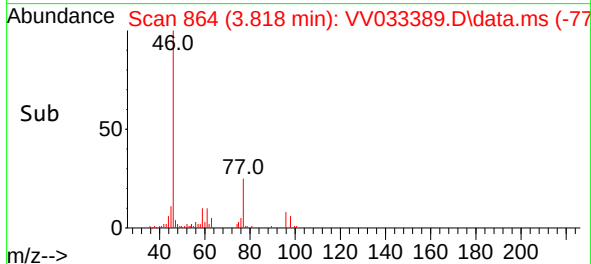


#20
cis-1,2-Dichloroethene
Concen: 1.365 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV033389.D
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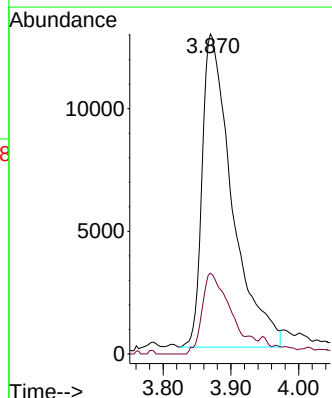
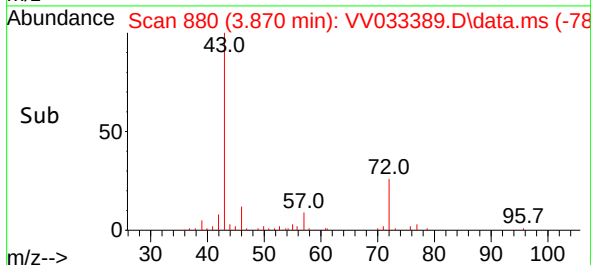
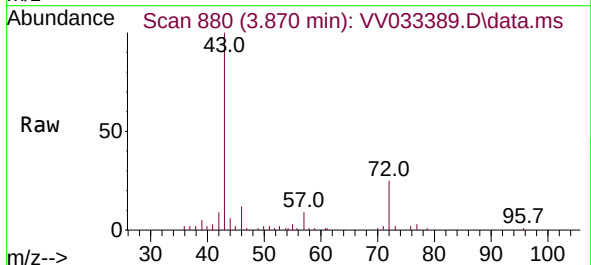


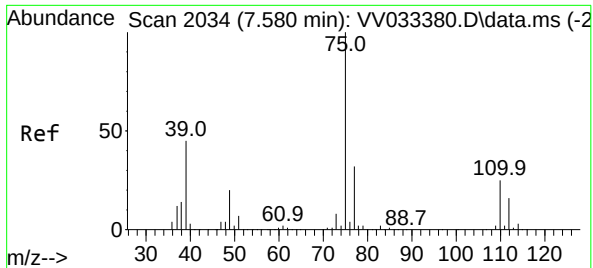
Tgt Ion: 96 Resp: 2334
Ion Ratio Lower Upper
96 100
61 133.5 81.9 152.1
98 70.8 44.3 82.3



#22
2-Butanone
Concen: 39.000 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.006 min
Lab File: VV033389.D
Acq: 15 Dec 2023 19:57

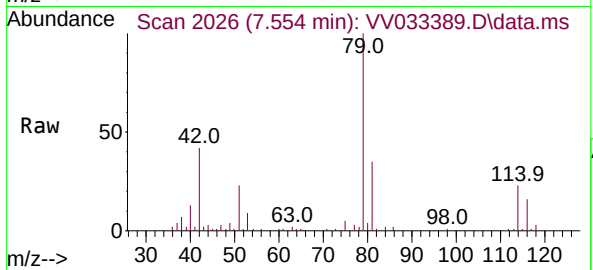
Tgt Ion: 43 Resp: 39197
Ion Ratio Lower Upper
43 100
72 23.1 12.4 37.4





#44
 trans-1,3-Dichloropropene
 Concen: 0.869 ug/L
 RT: 7.554 min Scan# 20
 Delta R.T. -0.026 min
 Lab File: VV033389.D
 Acq: 15 Dec 2023 19:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 2136
 Ion Ratio Lower Upper
 75 100
 77 49.9 22.4 41.6#

