

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033189.D
 Acq On : 08 Dec 2023 14:42
 Operator : SY/MD
 Sample : 05685-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 22:01:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

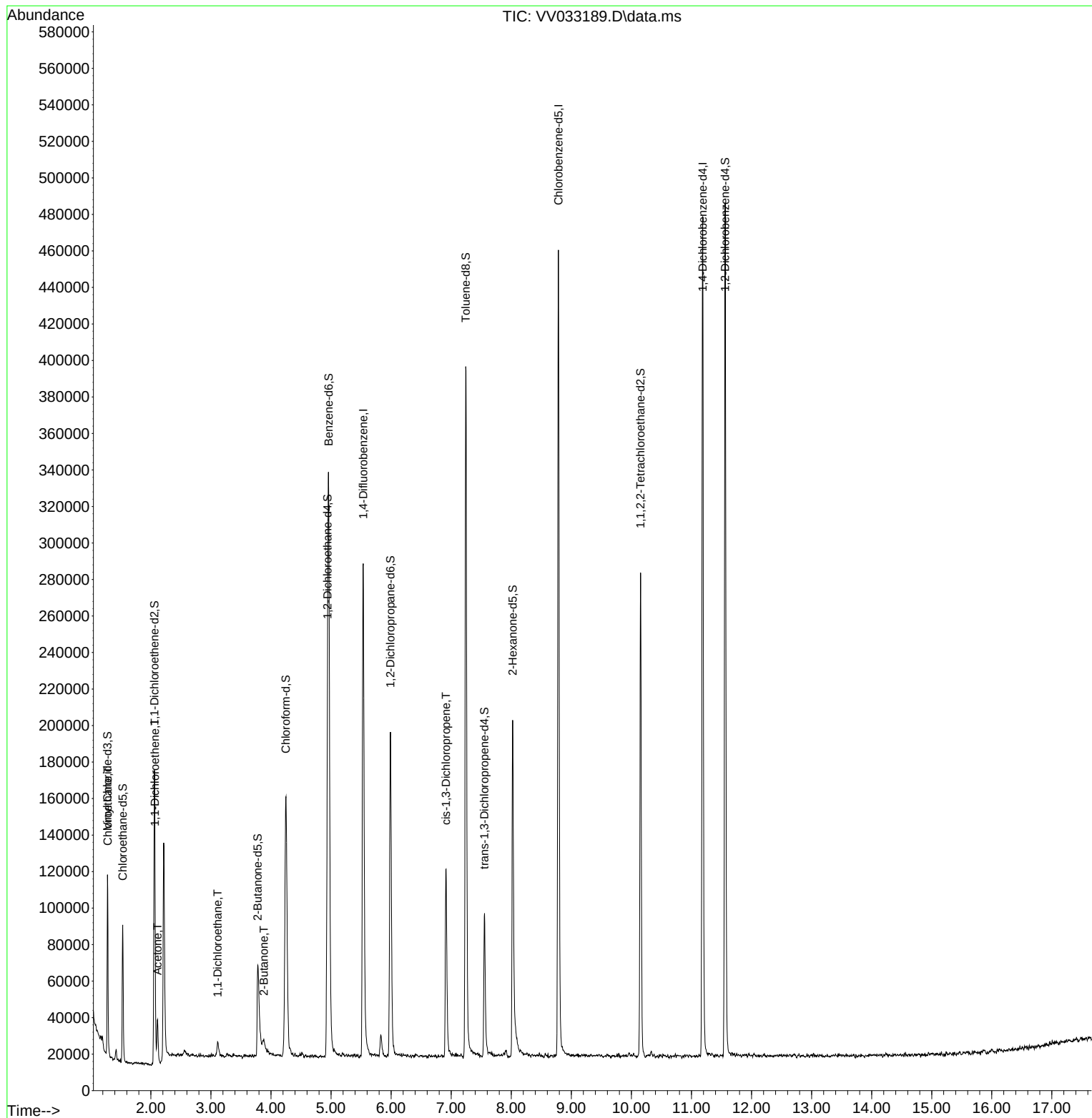
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	252983	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	260604	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	133313	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	60778	40.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.380%
7) Chloroethane-d5	1.532	69	48454	45.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.960%
11) 1,1-Dichloroethene-d2	2.060	65	25174	43.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.520%
21) 2-Butanone-d5	3.780	46	78751	104.841	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.840%
24) Chloroform-d	4.246	84	157775	49.159	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.320%
26) 1,2-Dichloroethane-d4	4.940	65	104211	52.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.460%
32) Benzene-d6	4.960	84	288149	47.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	5.989	67	78831	48.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.200%
41) Toluene-d8	7.243	98	262900	45.217	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.440%
43) trans-1,3-Dichloroprop...	7.555	79	45949	44.340	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.680%
47) 2-Hexanone-d5	8.024	63	62133	94.376	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114301	49.065	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.120%
66) 1,2-Dichlorobenzene-d4	11.561	152	126379	53.281	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.560%
Target Compounds						
					Qvalue	
8) Chloroethane	1.281	64	933	1.002	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	2885	2.275	ug/L #	1
13) Acetone	2.111	43	24460	34.110	ug/L	97
19) 1,1-Dichloroethane	3.111	63	8182	2.969	ug/L	97
22) 2-Butanone	3.883	43	13038	14.287	ug/L	88
39) cis-1,3-Dichloropropene	6.911	75	3060	1.103	ug/L #	62

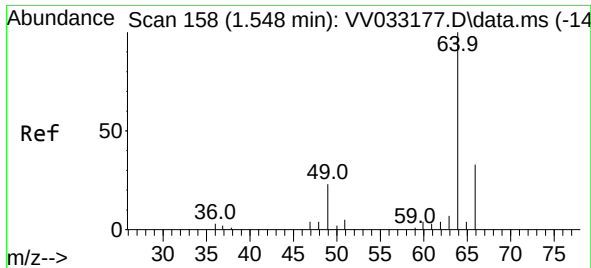
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.002 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.267 min

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Instrument :

MSVOA_V

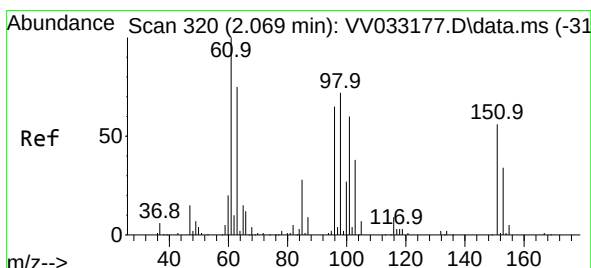
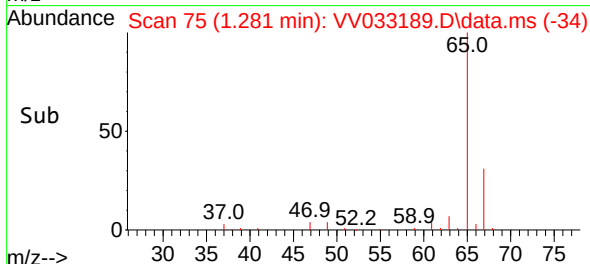
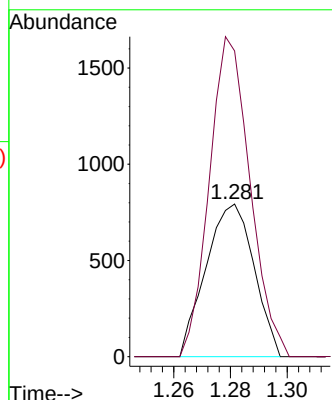
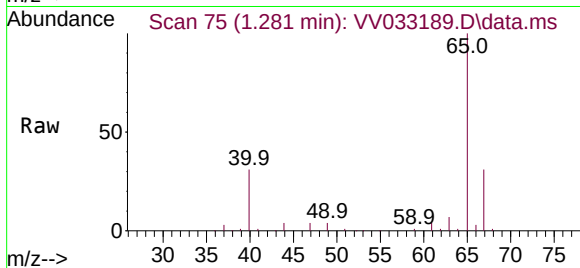
ClientSampleId :

Tgt Ion: 64 Resp: 933

Ion Ratio Lower Upper

64 100

66 200.4 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 2.275 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

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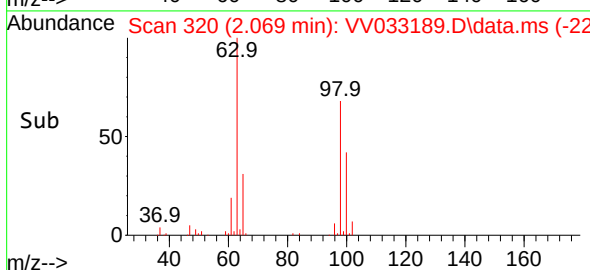
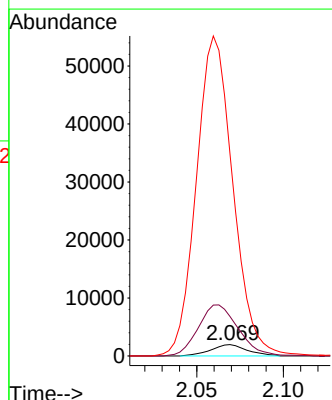
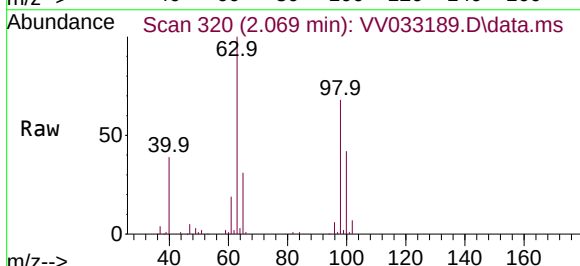
Tgt Ion: 96 Resp: 2885

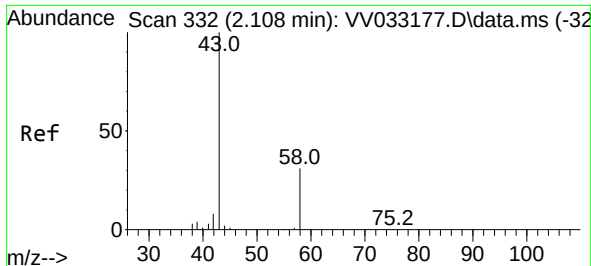
Ion Ratio Lower Upper

96 100

61 344.9 109.1 202.7#

63 1770.0 85.3 158.3#





#13

Acetone

Concen: 34.110 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

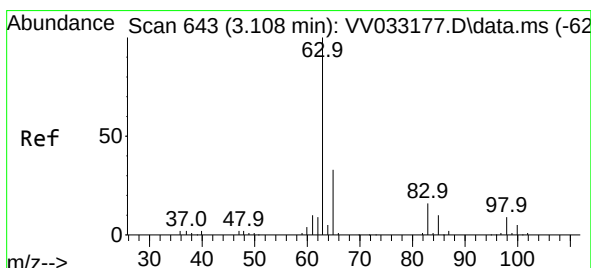
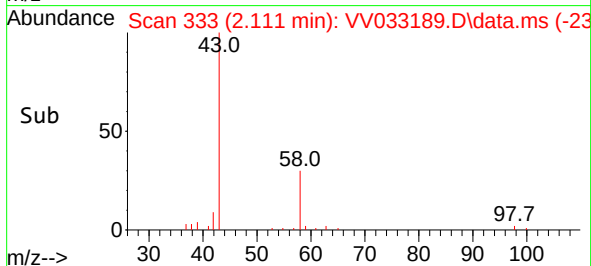
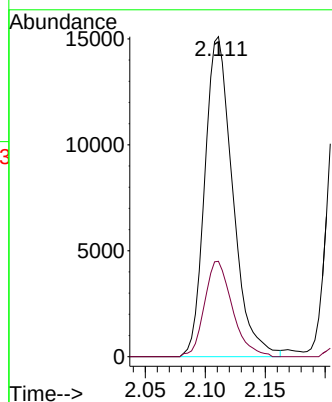
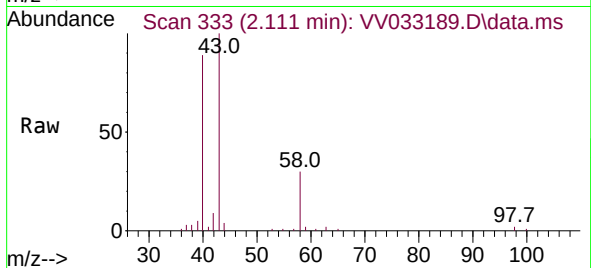
ClientSampleId :

Tgt Ion: 43 Resp: 24460

Ion Ratio Lower Upper

43 100

58 29.8 0.0 62.8



#19

1,1-Dichloroethane

Concen: 2.969 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV033189.D

Acq: 08 Dec 2023 14:42

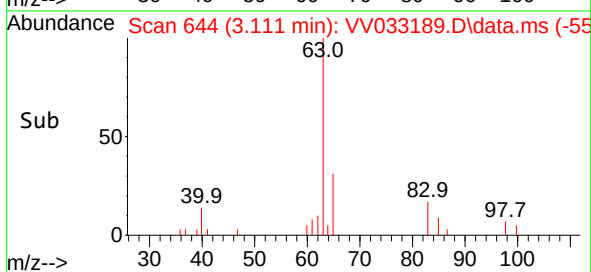
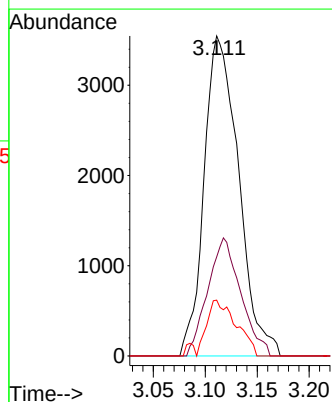
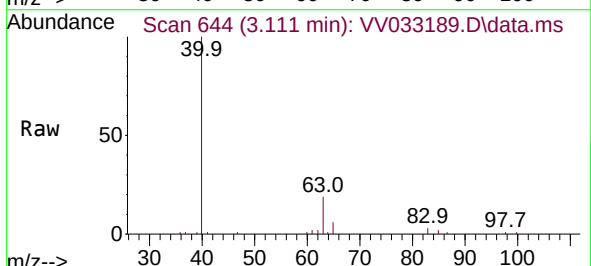
Tgt Ion: 63 Resp: 8182

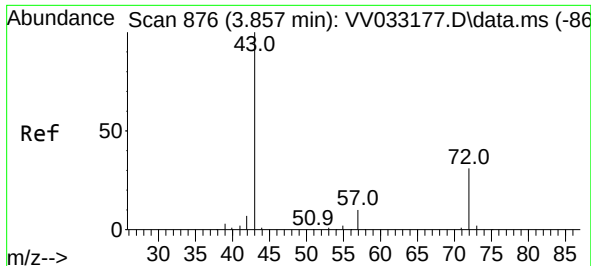
Ion Ratio Lower Upper

63 100

65 31.0 23.0 42.6

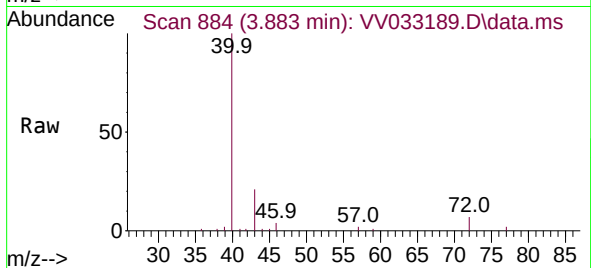
83 17.5 11.4 21.2



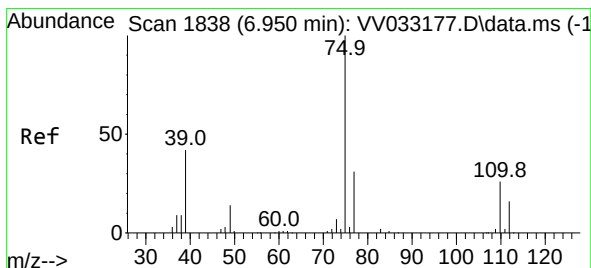
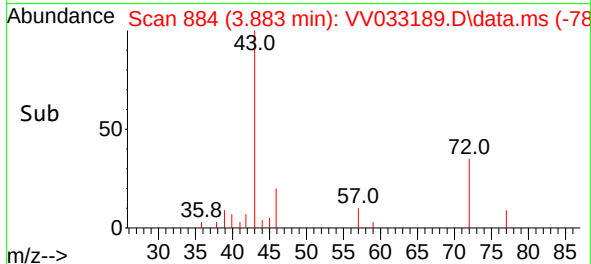
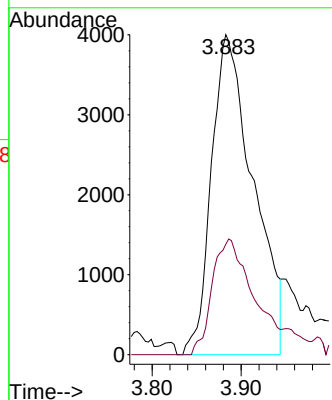


#22
2-Butanone
Concen: 14.287 ug/L
RT: 3.883 min Scan# 81
Delta R.T. 0.026 min
Lab File: VV033189.D
Acq: 08 Dec 2023 14:42

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 13038
Ion Ratio Lower Upper
43 100
72 35.5 14.6 43.8



#39
cis-1,3-Dichloropropene
Concen: 1.103 ug/L
RT: 6.911 min Scan# 1826
Delta R.T. -0.039 min
Lab File: VV033189.D
Acq: 08 Dec 2023 14:42

Tgt Ion: 75 Resp: 3060
Ion Ratio Lower Upper
75 100
77 53.4 22.4 41.6#

