

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033188.D
 Acq On : 08 Dec 2023 14:19
 Operator : SY/MD
 Sample : 05685-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 22:00:52 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

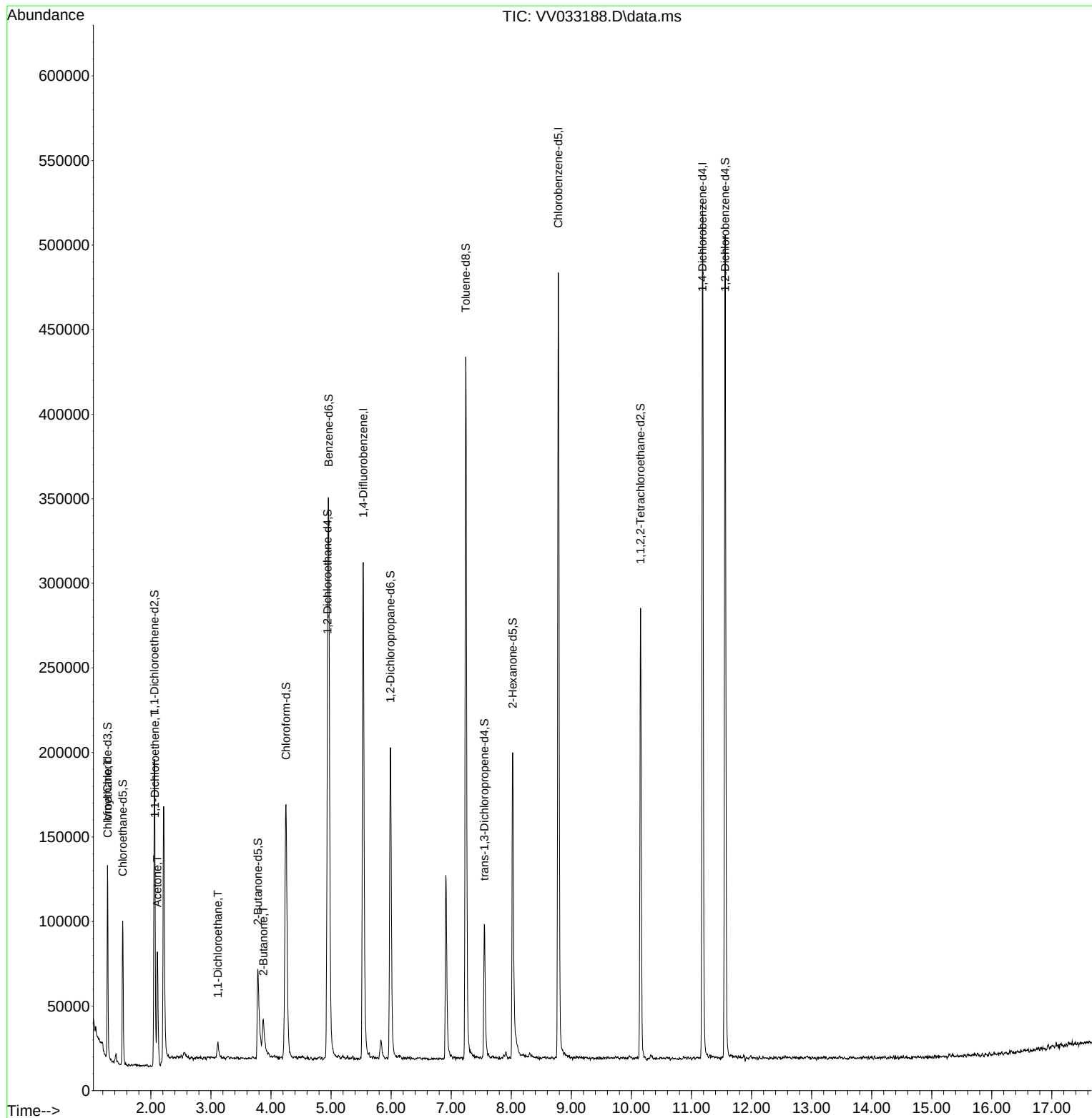
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	272574	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	273684	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	141526	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68265	41.895	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	83.780%	
7) Chloroethane-d5	1.532	69	53645	47.250	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.500%	
11) 1,1-Dichloroethene-d2	2.060	65	27473	44.320	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.640%	
21) 2-Butanone-d5	3.780	46	78732	97.282	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.280%	
24) Chloroform-d	4.249	84	163680	47.334	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.660%	
26) 1,2-Dichloroethane-d4	4.941	65	106791	49.672	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.340%	
32) Benzene-d6	4.960	84	307069	47.973	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.940%	
36) 1,2-Dichloropropane-d6	5.989	67	81566	47.394	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.780%	
41) Toluene-d8	7.243	98	284140	46.534	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.060%	
43) trans-1,3-Dichloroprop...	7.555	79	48369	44.445	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.880%	
47) 2-Hexanone-d5	8.024	63	62843	90.892	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.890%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	113668	46.461	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.920%	
66) 1,2-Dichlorobenzene-d4	11.561	152	133273	52.926	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.860%	
Target Compounds						
8) Chloroethane	1.282	64	1129	1.125	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	3269	2.392	ug/L #	1
13) Acetone	2.108	43	66311	85.826	ug/L	97
19) 1,1-Dichloroethane	3.118	63	8650	2.913	ug/L	95
22) 2-Butanone	3.873	43	34770	35.363	ug/L	97

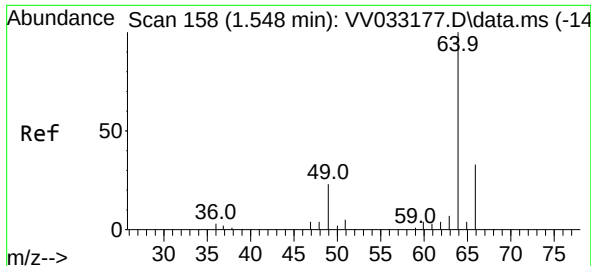
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 08 21:51:12 2023
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#8

Chloroethane

Concen: 1.125 ug/L

RT: 1.282 min Scan# 71

Delta R.T. -0.267 min

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Instrument :

MSVOA_V

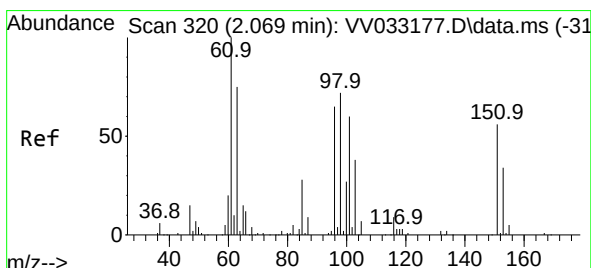
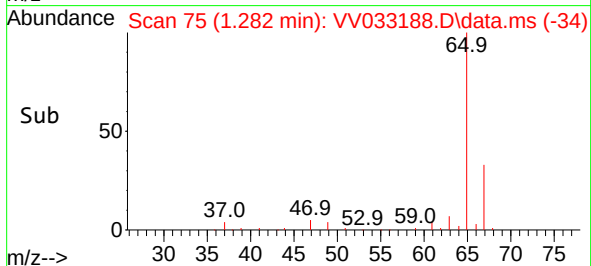
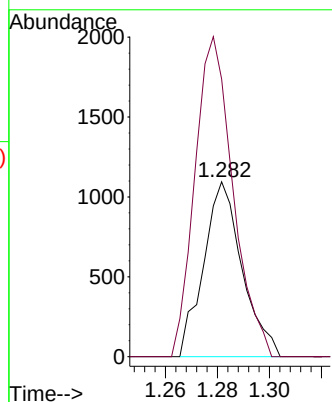
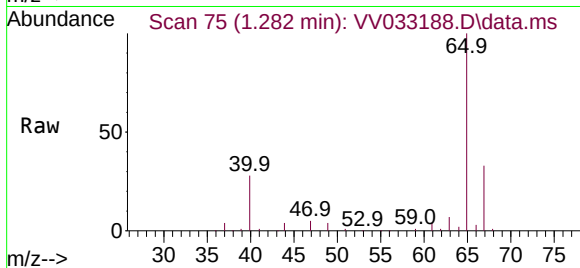
ClientSampleId :

Tgt Ion: 64 Resp: 1129

Ion Ratio Lower Upper

64 100

66 158.7 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 2.392 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

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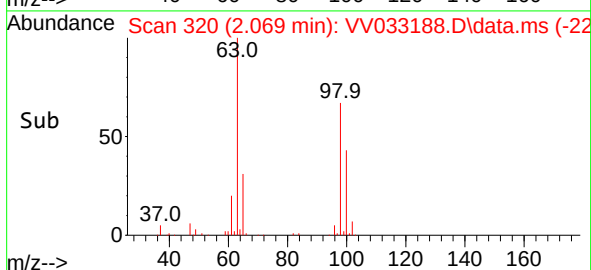
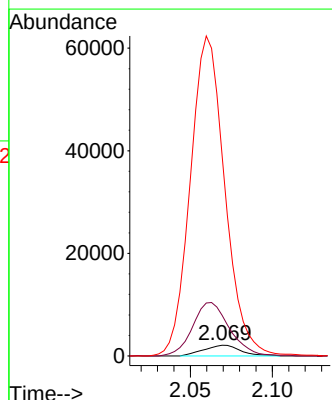
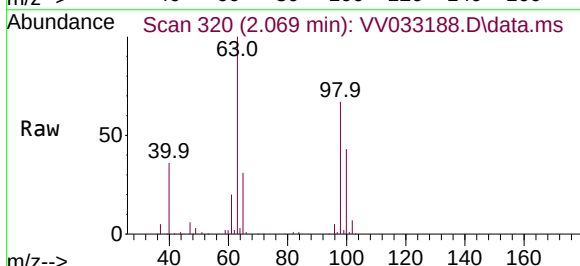
Tgt Ion: 96 Resp: 3269

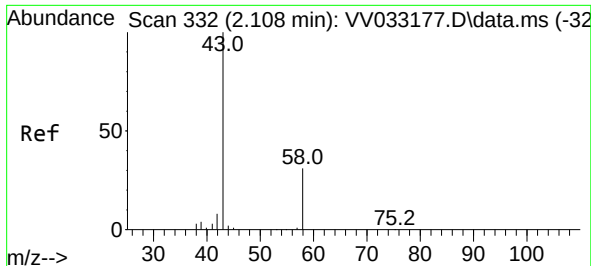
Ion Ratio Lower Upper

96 100

61 380.2 109.1 202.7#

63 1873.7 85.3 158.3#





#13

Acetone

Concen: 85.826 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

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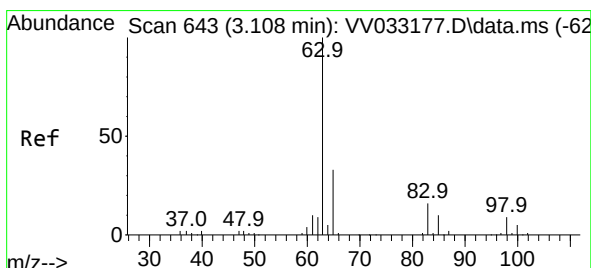
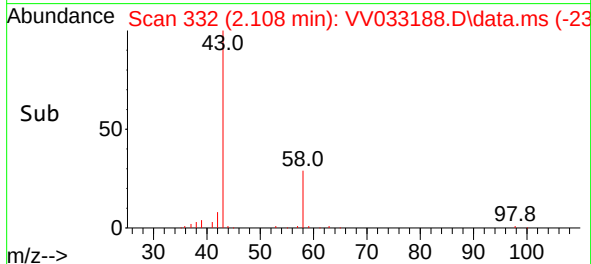
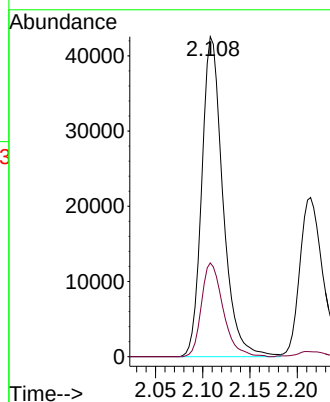
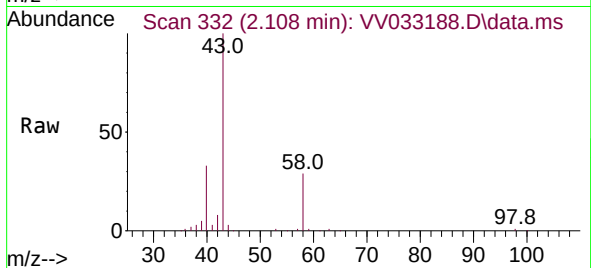
ClientSampleId :

Tgt Ion: 43 Resp: 66311

Ion Ratio Lower Upper

43 100

58 29.9 0.0 62.8



#19

1,1-Dichloroethane

Concen: 2.913 ug/L

RT: 3.118 min Scan# 646

Delta R.T. 0.010 min

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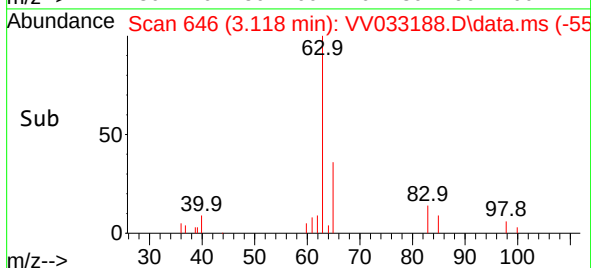
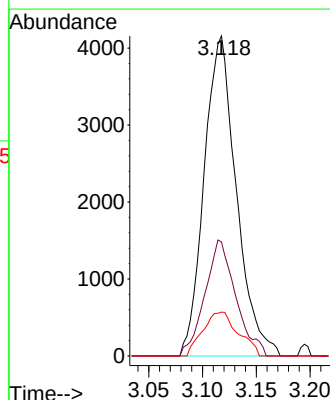
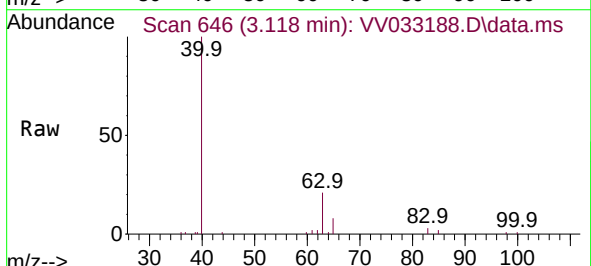
Tgt Ion: 63 Resp: 8650

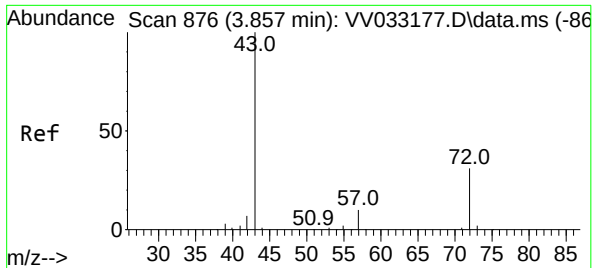
Ion Ratio Lower Upper

63 100

65 35.6 23.0 42.6

83 13.7 11.4 21.2





#22
 2-Butanone
 Concen: 35.363 ug/L
 RT: 3.873 min Scan# 81
 Delta R.T. 0.016 min
 Lab File: VV033188.D
 Acq: 08 Dec 2023 14:19

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 43 Resp: 34770
 Ion Ratio Lower Upper
 43 100
 72 30.9 14.6 43.8

