

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033388.D
 Acq On : 15 Dec 2023 19:33
 Operator : SY/MD
 Sample : 05846-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 00:18:08 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)

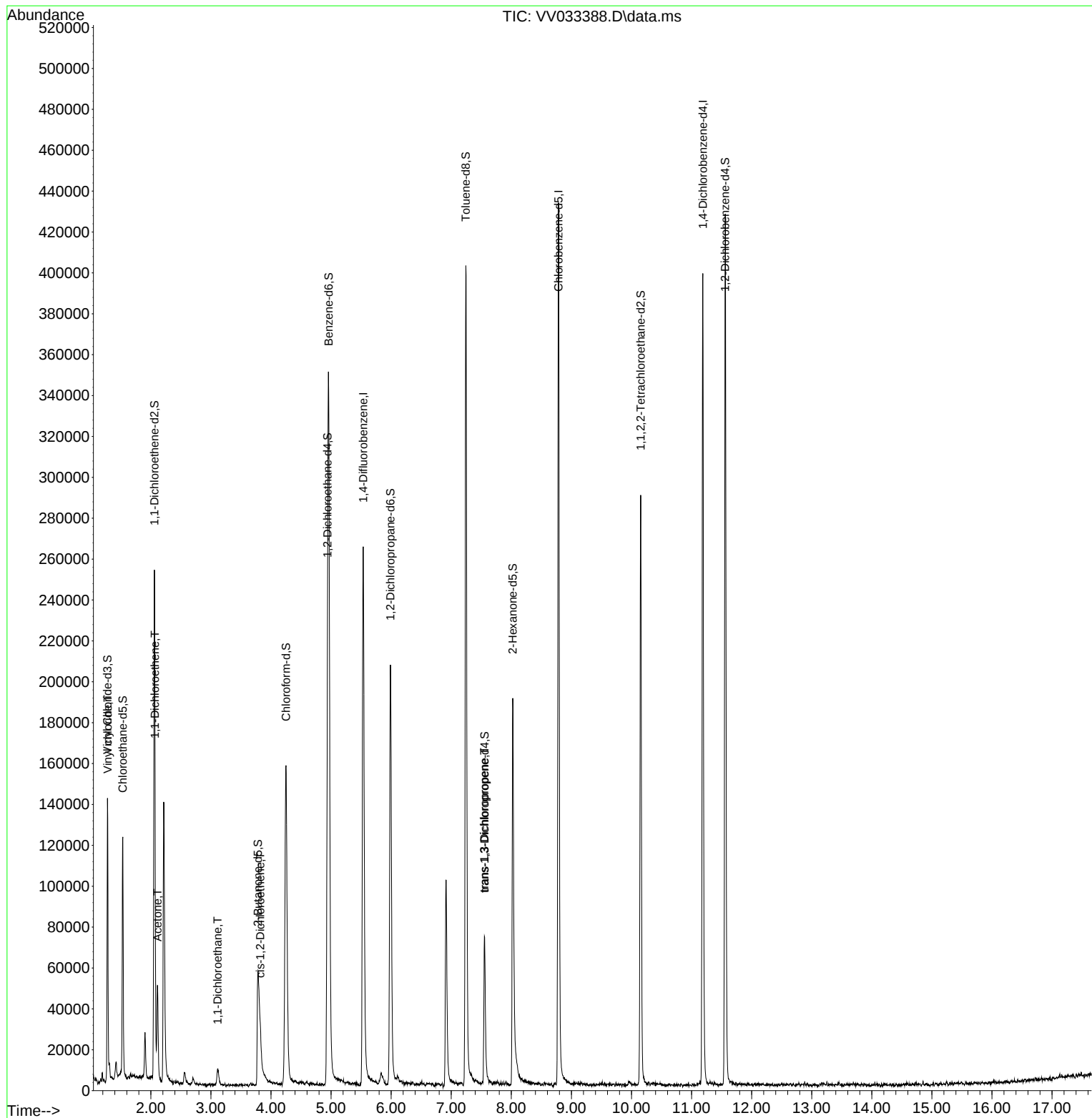
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	229437	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	233229	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97954	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	83930	47.502	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.000%
7) Chloroethane-d5	1.532	69	74761	47.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.300%
11) 1,1-Dichloroethene-d2	2.060	65	40573	46.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.260%
21) 2-Butanone-d5	3.783	46	88601	99.498	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.500%
24) Chloroform-d	4.249	84	163158	46.683	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
26) 1,2-Dichloroethane-d4	4.941	65	105674	49.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.440%
32) Benzene-d6	4.960	84	305666	48.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	5.989	67	94571	49.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.220%
41) Toluene-d8	7.243	98	259667	45.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.360%
43) trans-1,3-Dichloroprop...	7.555	79	39700	42.490	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.980%
47) 2-Hexanone-d5	8.024	63	59111	92.183	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	131477	47.983	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	105079	57.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.180%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	1628	0.875	ug/L #	1
12) 1,1-Dichloroethene	2.069	96	1868	1.155	ug/L #	1
13) Acetone	2.111	43	44603	43.151	ug/L	98
19) 1,1-Dichloroethane	3.111	63	4189	1.430	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	9108	5.256	ug/L	97
44) trans-1,3-Dichloropropene	7.551	75	2378	0.966	ug/L	90

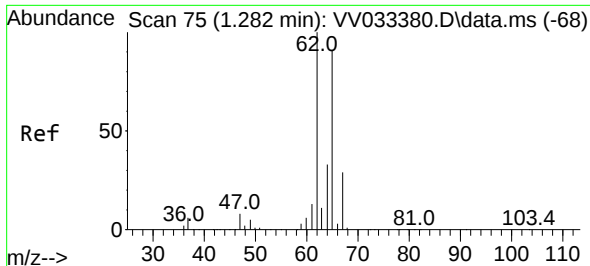
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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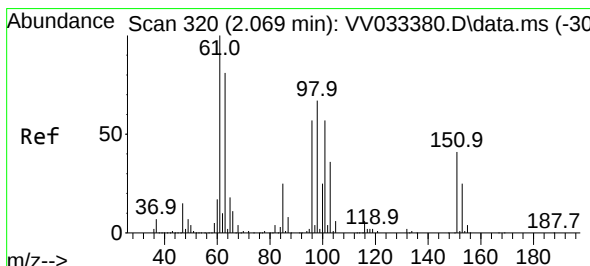
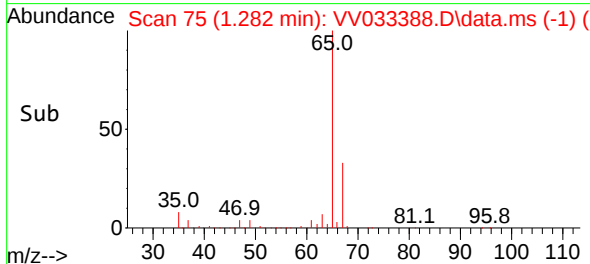
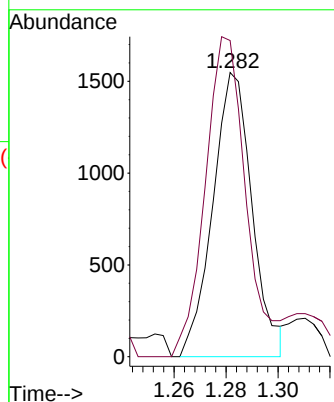
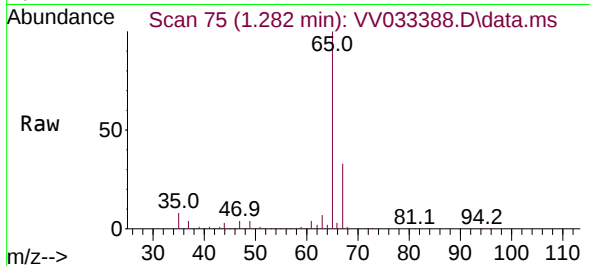




#5
 Vinyl chloride
 Concen: 0.875 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV033388.D
 Acq: 15 Dec 2023 19:33

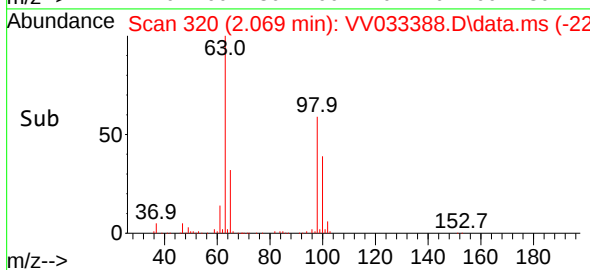
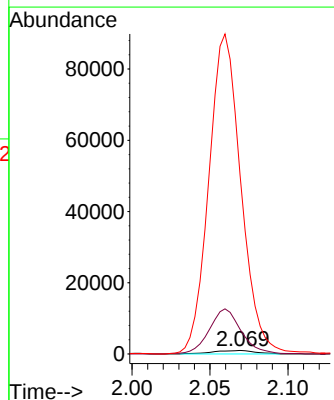
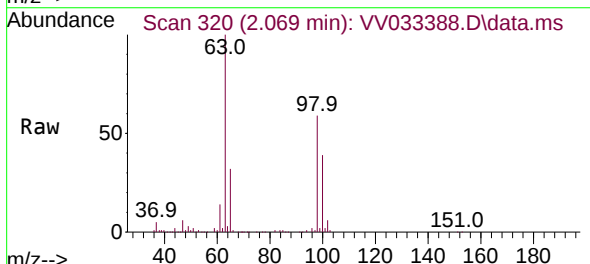
Instrument :
 MSVOA_V
 ClientSampleId :

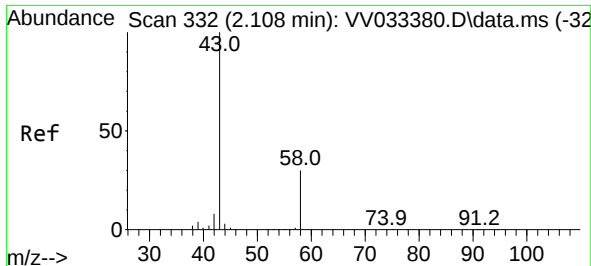
Tgt Ion: 62 Resp: 1628
 Ion Ratio Lower Upper
 62 100
 64 111.2 23.4 43.6#



#12
 1,1-Dichloroethene
 Concen: 1.155 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033388.D
 Acq: 15 Dec 2023 19:33

Tgt Ion: 96 Resp: 1868
 Ion Ratio Lower Upper
 96 100
 61 708.6 124.3 230.8#
 63 5161.8 108.1 200.7#





#13

Acetone

Concen: 43.151 ug/L

RT: 2.111 min Scan# 332

Delta R.T. 0.003 min

Lab File: VV033388.D

Acq: 15 Dec 2023 19:33

Instrument :

MSVOA_V

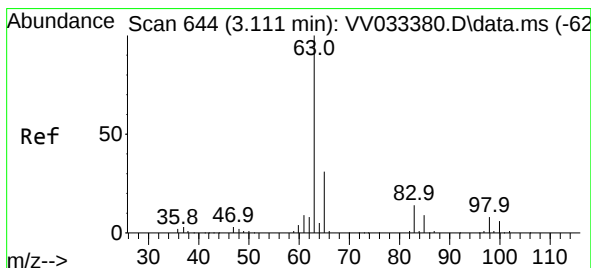
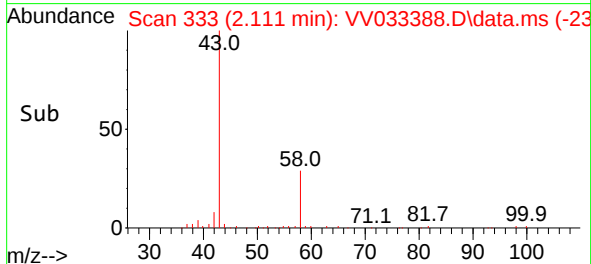
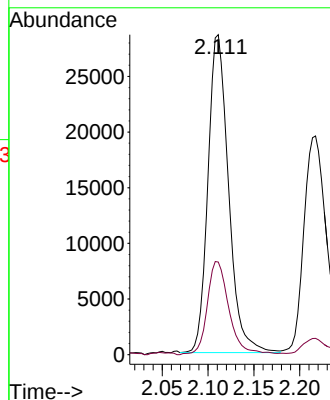
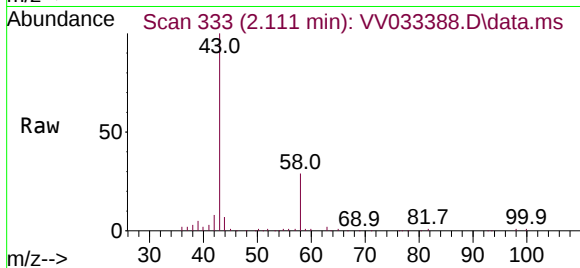
ClientSampleId :

Tgt Ion: 43 Resp: 44603

Ion Ratio Lower Upper

43 100

58 30.5 0.0 59.2



#19

1,1-Dichloroethane

Concen: 1.430 ug/L

RT: 3.111 min Scan# 644

Delta R.T. -0.000 min

Lab File: VV033388.D

Acq: 15 Dec 2023 19:33

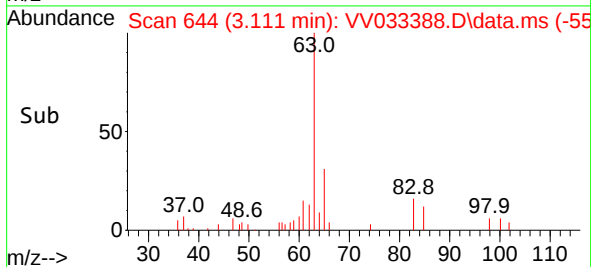
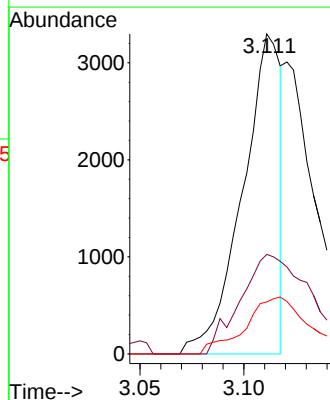
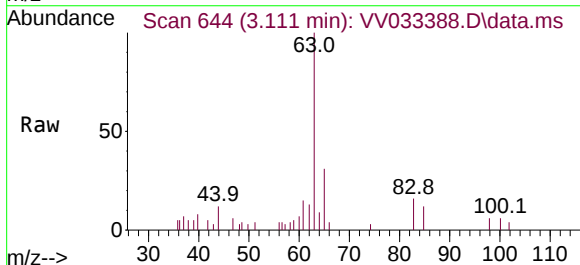
Tgt Ion: 63 Resp: 4189

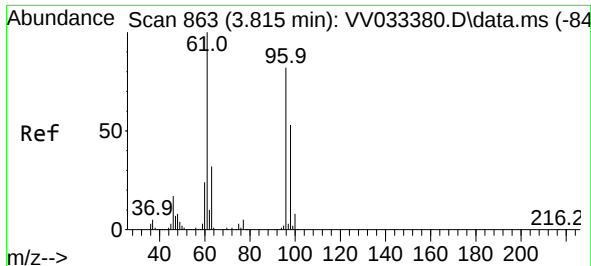
Ion Ratio Lower Upper

63 100

65 31.1 21.1 39.3

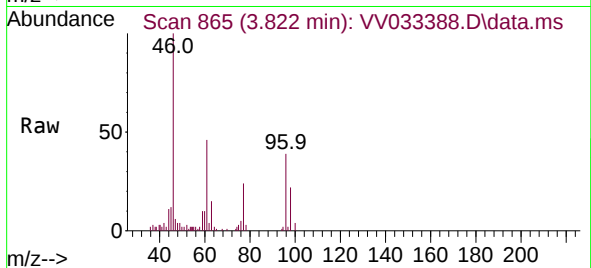
83 16.2 9.7 17.9



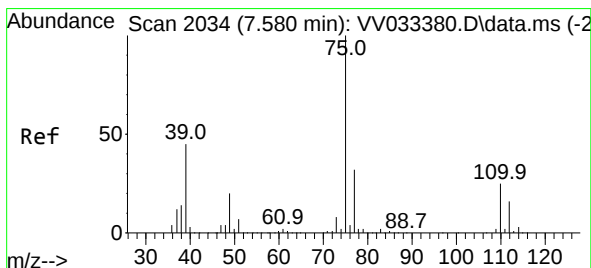
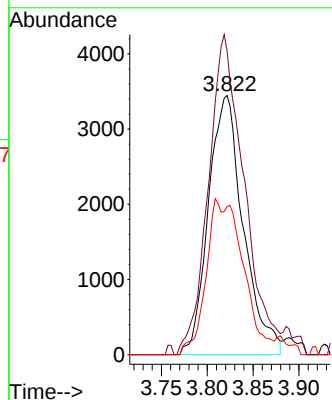
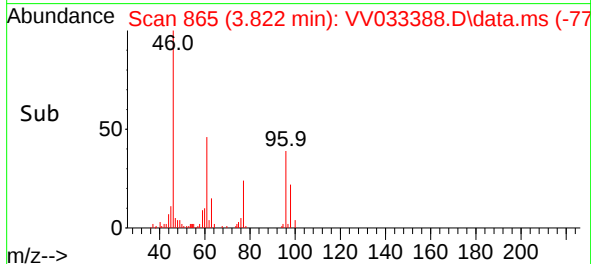


#20
 cis-1,2-Dichloroethene
 Concen: 5.256 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VV033388.D
 Acq: 15 Dec 2023 19:33

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 9108
 Ion Ratio Lower Upper
 96 100
 61 117.3 81.9 152.1
 98 57.1 44.3 82.3



#44
 trans-1,3-Dichloropropene
 Concen: 0.966 ug/L
 RT: 7.551 min Scan# 2025
 Delta R.T. -0.029 min
 Lab File: VV033388.D
 Acq: 15 Dec 2023 19:33

Tgt Ion: 75 Resp: 2378
 Ion Ratio Lower Upper
 75 100
 77 37.6 22.4 41.6

