

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033515.D
 Acq On : 20 Dec 2023 16:28
 Operator : SY/MD
 Sample : 05927-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 21 01:48:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

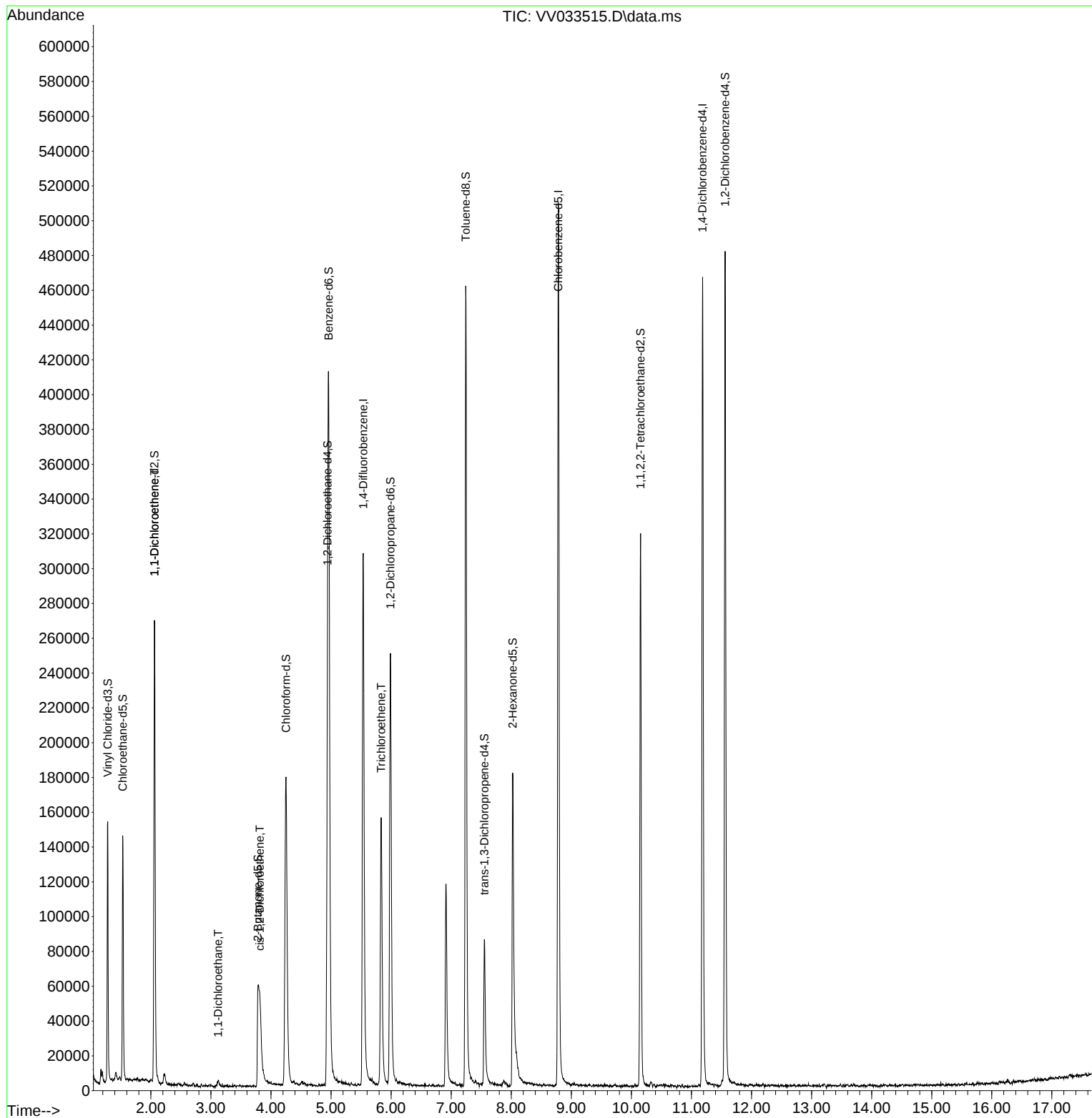
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	260459	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	267245	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	96748	48.235	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.460%		
7) Chloroethane-d5	1.532	69	91060	50.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.180%		
11) 1,1-Dichloroethene-d2	2.060	65	44470	44.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.080%		
21) 2-Butanone-d5	3.783	46	89265	88.304	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.300%		
24) Chloroform-d	4.249	84	189920	47.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.740%		
26) 1,2-Dichloroethane-d4	4.941	65	124343	51.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.040%		
32) Benzene-d6	4.960	84	361511	50.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.460%		
36) 1,2-Dichloropropane-d6	5.989	67	117912	53.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.960%		
41) Toluene-d8	7.243	98	298745	45.360	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.720%		
43) trans-1,3-Dichloroprop...	7.551	79	48593	45.388	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.780%		
47) 2-Hexanone-d5	8.024	63	59920	81.551	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.550%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	148326	47.242	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.480%		
66) 1,2-Dichlorobenzene-d4	11.561	152	115171	53.513	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.020%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.060	96	1731	0.943	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	2794	0.840	ug/L #	85
20) cis-1,2-Dichloroethene	3.815	96	17659	8.978	ug/L	91
34) Trichloroethene	5.834	95	55698	28.502	ug/L	94

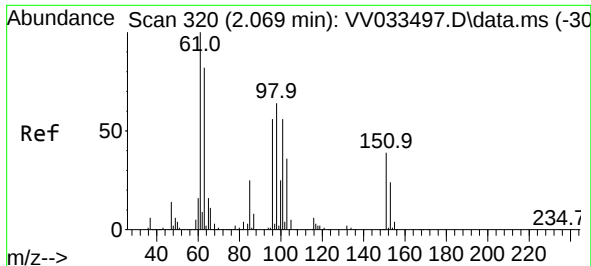
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.943 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.010 min

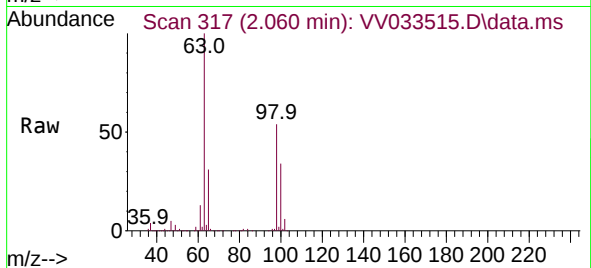
Lab File: VV033515.D

Acq: 20 Dec 2023 16:28

Instrument :

MSVOA_V

ClientSampleId :



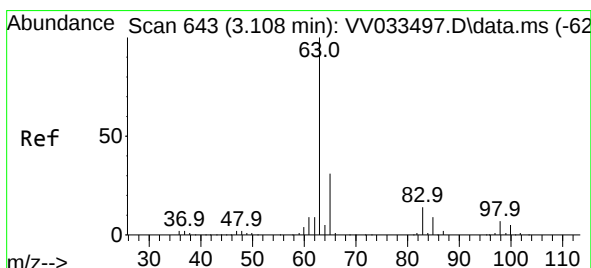
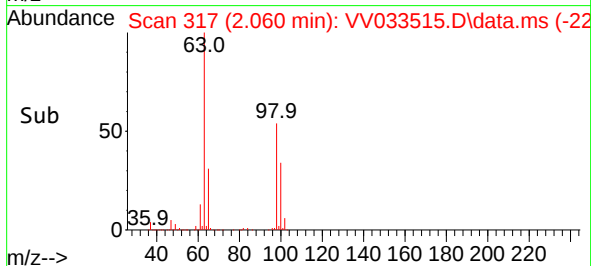
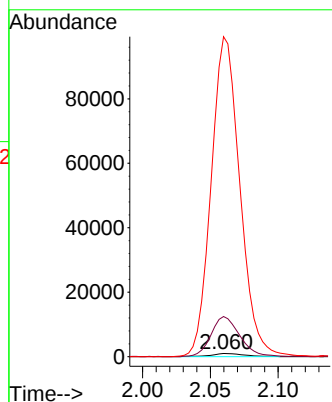
Tgt Ion: 96 Resp: 1731

Ion Ratio Lower Upper

96 100

61 1259.9 124.3 230.8#

63 10049.4 108.1 200.7#



#19

1,1-Dichloroethane

Concen: 0.840 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.013 min

Lab File: VV033515.D

Acq: 20 Dec 2023 16:28

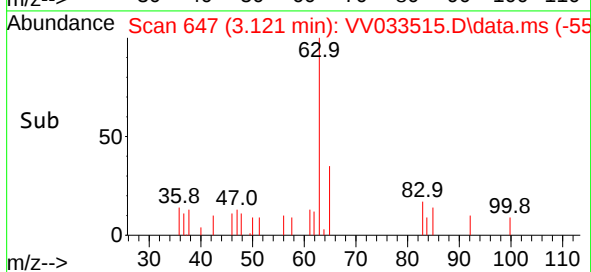
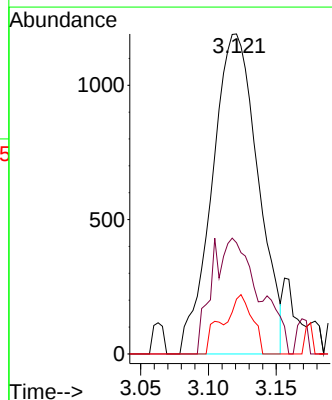
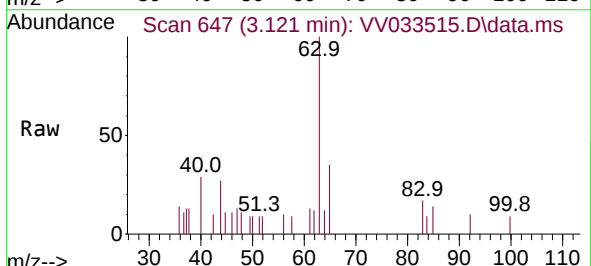
Tgt Ion: 63 Resp: 2794

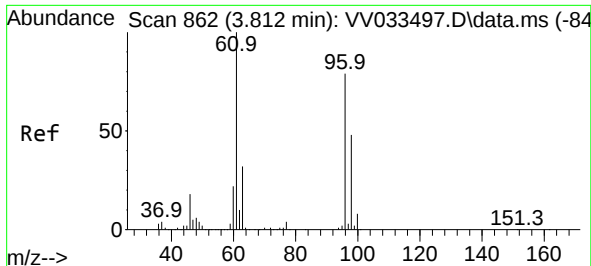
Ion Ratio Lower Upper

63 100

65 34.8 21.1 39.3

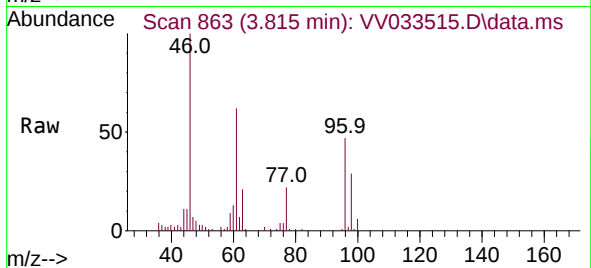
83 25.9 9.7 17.9#



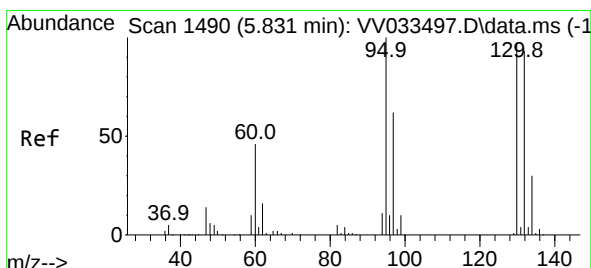
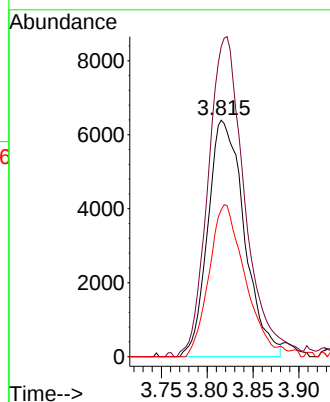
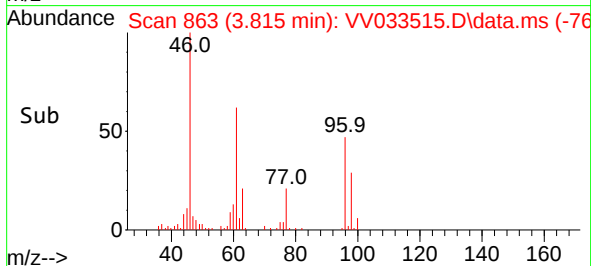


#20
cis-1,2-Dichloroethene
Concen: 8.978 ug/L
RT: 3.815 min Scan# 862
Delta R.T. 0.003 min
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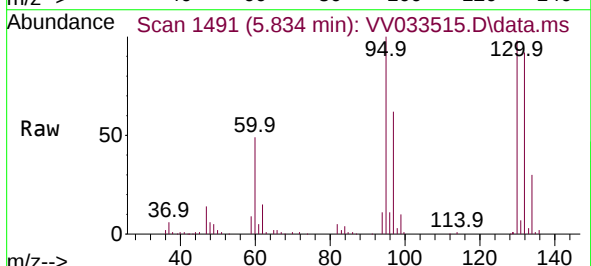
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 17659
Ion Ratio Lower Upper
96 100
61 131.1 81.9 152.1
98 62.1 44.3 82.3



#34
Trichloroethene
Concen: 28.502 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033515.D
Acq: 20 Dec 2023 16:28



Tgt Ion: 95 Resp: 55698
Ion Ratio Lower Upper
95 100
97 61.9 44.8 83.2
132 91.9 69.9 129.7
130 98.0 73.3 136.1

