

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033426.D
 Acq On : 16 Dec 2023 11:48
 Operator : SY/MD
 Sample : 05846-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ5

Quant Time: Dec 16 20:26:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

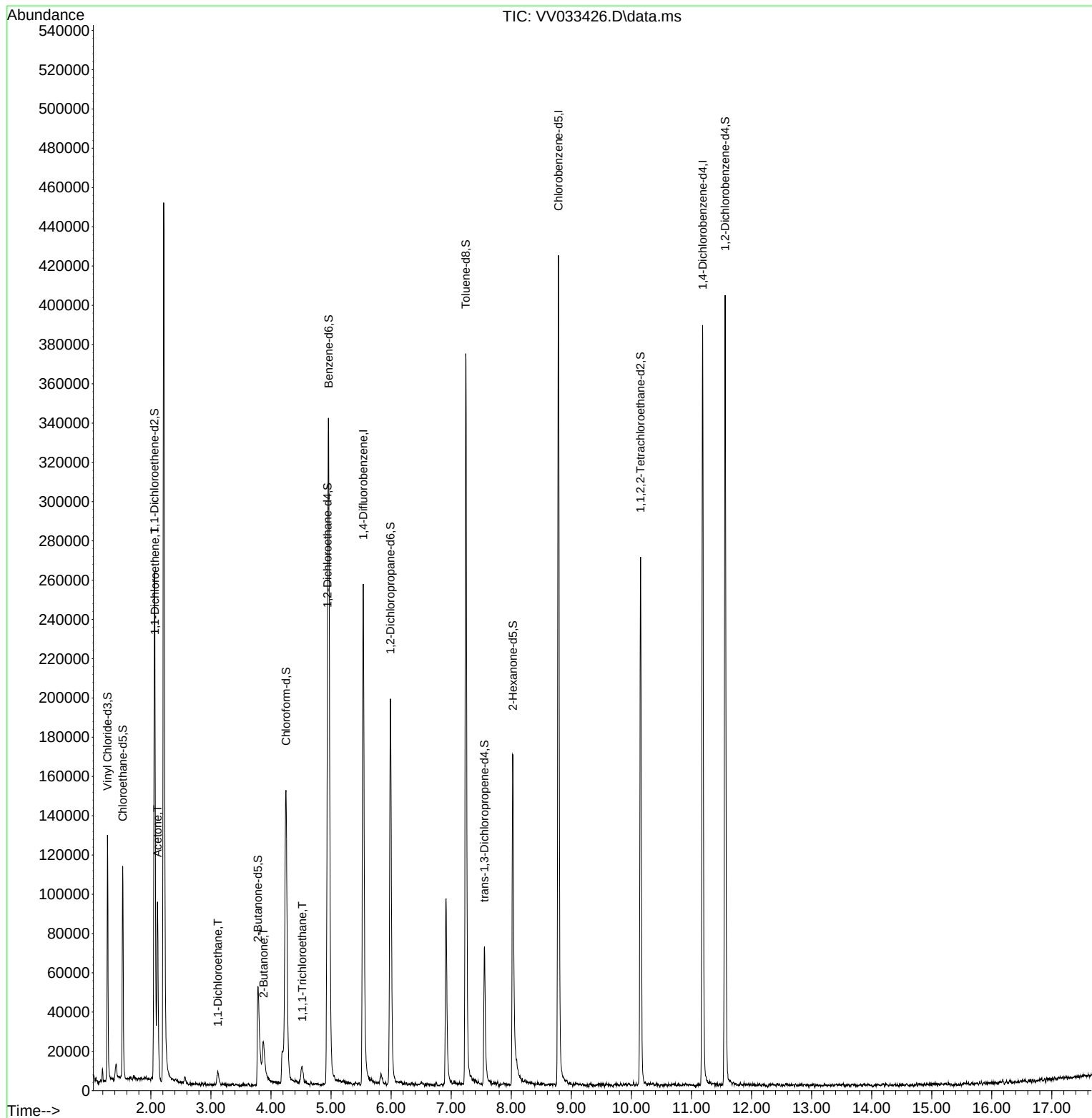
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	221248	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	227041	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75628	44.388	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.780%
7) Chloroethane-d5	1.532	69	68026	44.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.980%
11) 1,1-Dichloroethene-d2	2.060	65	37094	43.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.480%
21) 2-Butanone-d5	3.783	46	85388	99.439	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.440%
24) Chloroform-d	4.249	84	158104	46.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
26) 1,2-Dichloroethane-d4	4.940	65	101018	48.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.580%
32) Benzene-d6	4.960	84	293707	48.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
36) 1,2-Dichloropropane-d6	5.989	67	90318	48.666	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.340%
41) Toluene-d8	7.243	98	242066	43.263	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	7.554	79	39613	43.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.100%
47) 2-Hexanone-d5	8.027	63	54075	86.628	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.630%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	124642	46.728	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.460%
66) 1,2-Dichlorobenzene-d4	11.561	152	98941	54.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.380%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	20906	13.409	ug/L #	1
13) Acetone	2.111	43	90976	91.272	ug/L	100
19) 1,1-Dichloroethane	3.114	63	6762	2.394	ug/L	96
22) 2-Butanone	3.876	43	34460	35.091	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	6641	2.369	ug/L #	74

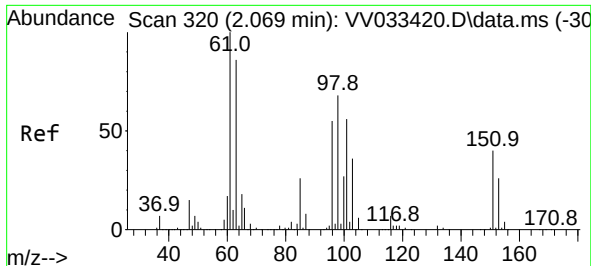
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 13.409 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033426.D

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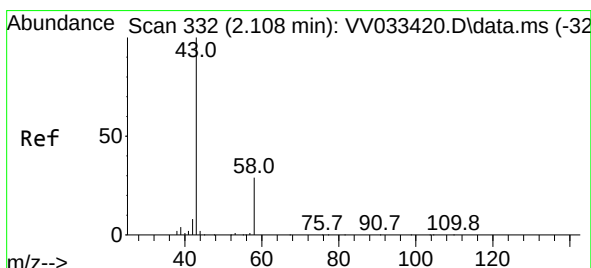
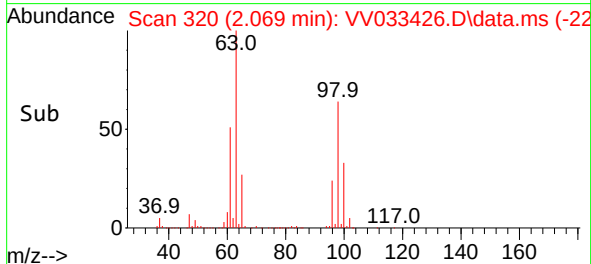
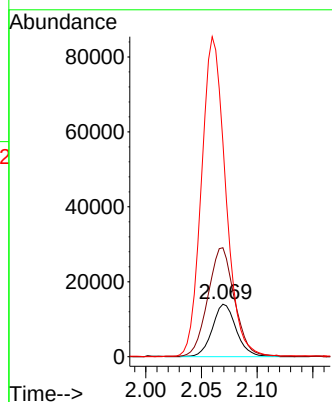
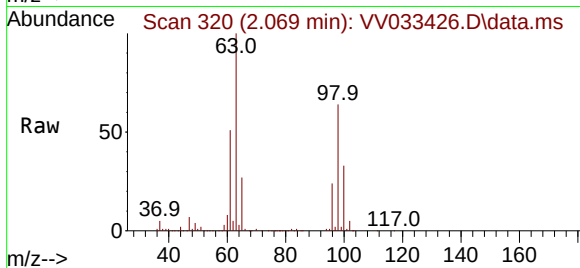
Tgt Ion: 96 Resp: 20906

Ion Ratio Lower Upper

96 100

61 207.8 124.3 230.8

63 408.5 108.1 200.7#



#13

Acetone

Concen: 91.272 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV033426.D

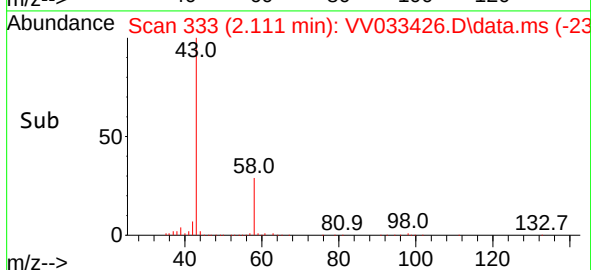
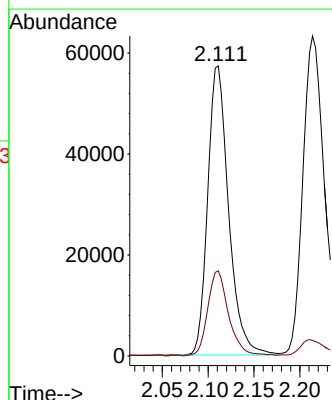
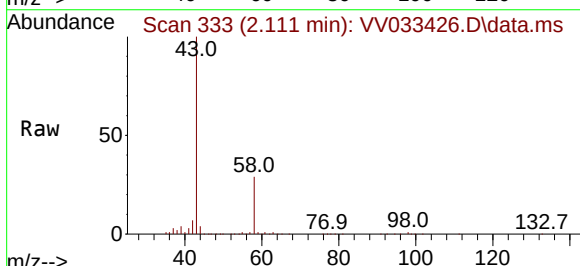
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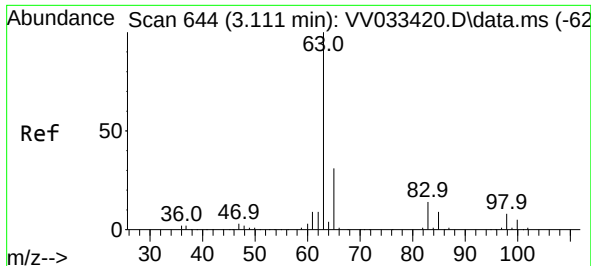
Tgt Ion: 43 Resp: 90976

Ion Ratio Lower Upper

43 100

58 29.4 0.0 59.2





#19

1,1-Dichloroethane

Concen: 2.394 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV033426.D

Acq: 16 Dec 2023 11:48

Instrument :

MSVOA_V

ClientSampleId :

YCHJ5

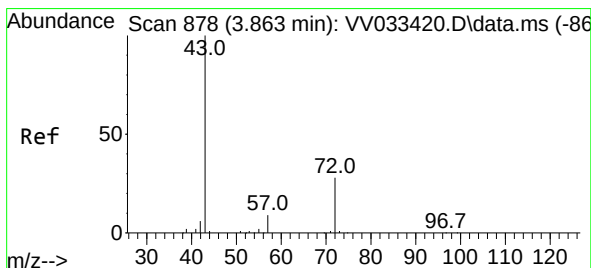
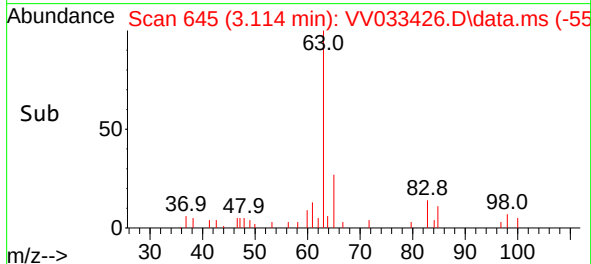
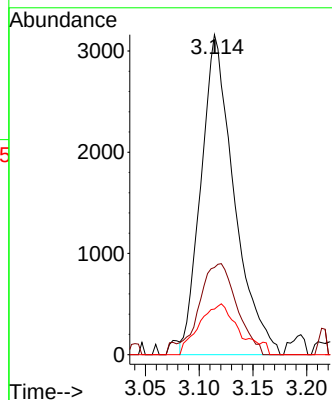
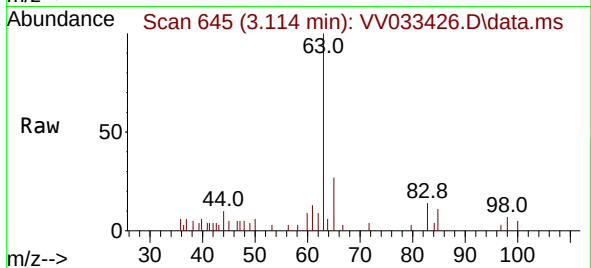
Tgt Ion: 63 Resp: 6762

Ion Ratio Lower Upper

63 100

65 27.3 21.1 39.3

83 14.3 9.7 17.9



#22

2-Butanone

Concen: 35.091 ug/L

RT: 3.876 min Scan# 882

Delta R.T. 0.013 min

Lab File: VV033426.D

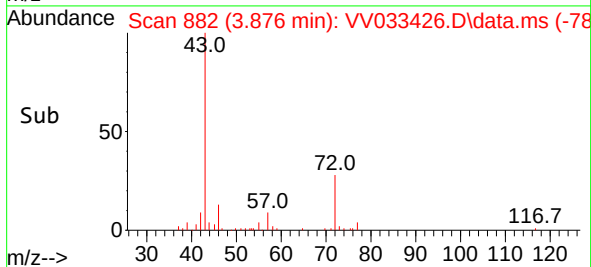
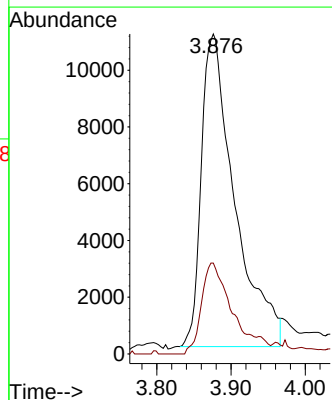
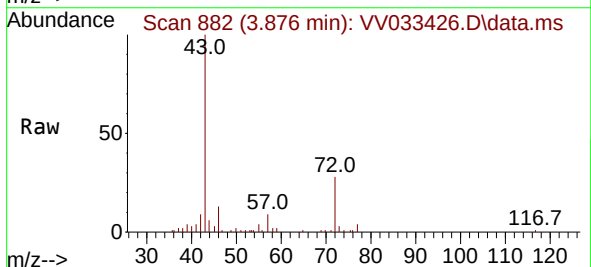
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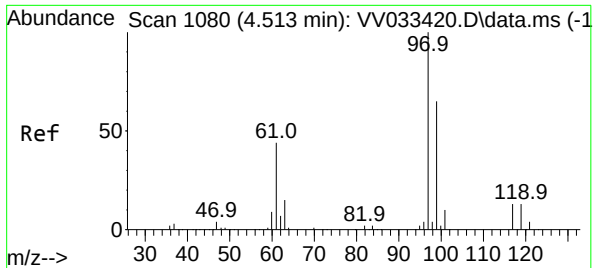
Tgt Ion: 43 Resp: 34460

Ion Ratio Lower Upper

43 100

72 25.7 12.4 37.4





#30
 1,1,1-Trichloroethane
 Concen: 2.369 ug/L
 RT: 4.519 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VV033426.D
 Acq: 16 Dec 2023 11:48

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ5

Tgt Ion: 97	Resp: 6641
Ion Ratio	Lower Upper
97	100
99	31.0 51.8 77.6#
61	44.3 34.8 52.2

