

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033425.D
 Acq On : 16 Dec 2023 11:25
 Operator : SY/MD
 Sample : 05846-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ4

Quant Time: Dec 16 20:26:27 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)

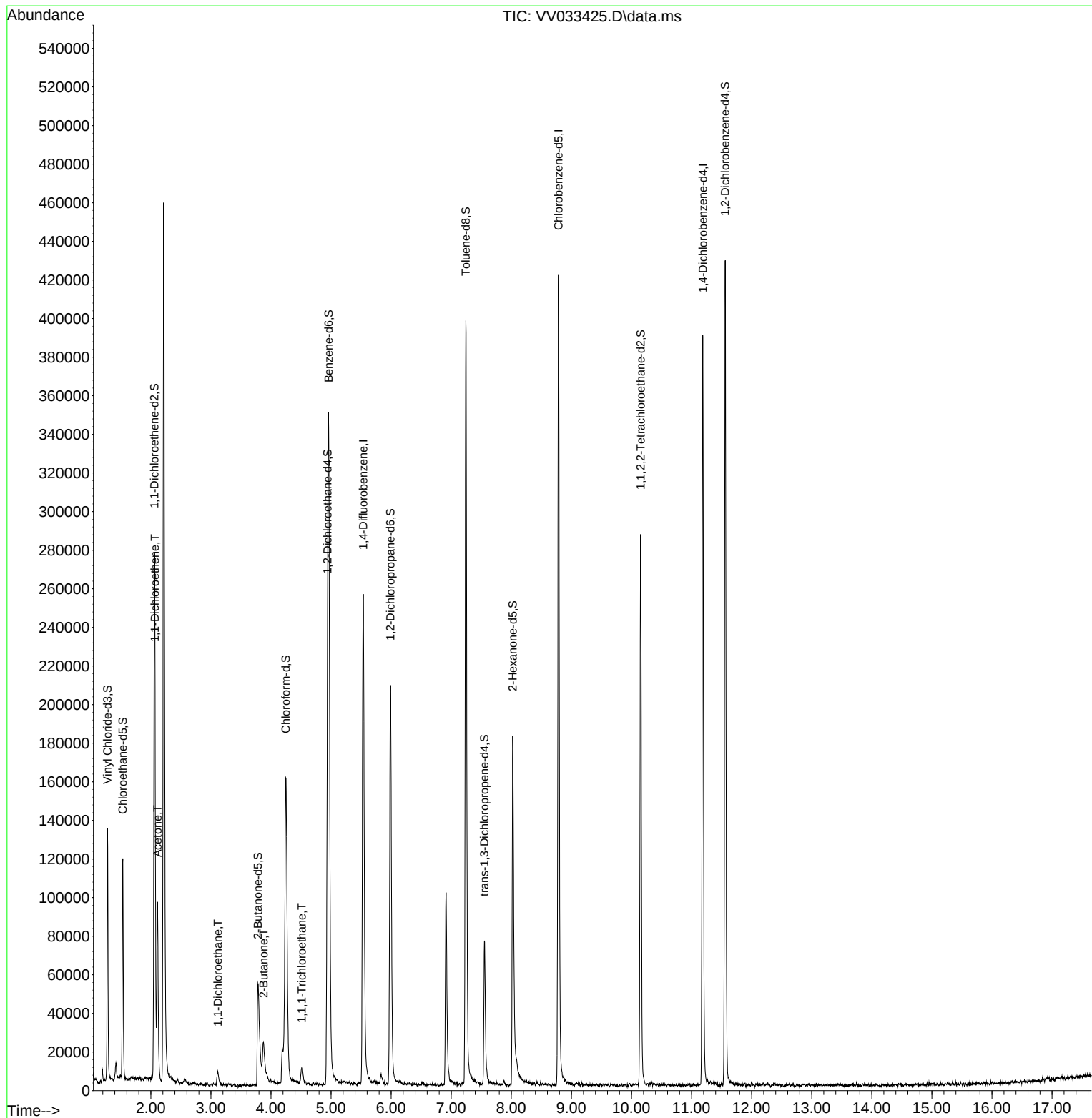
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	220179	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	227855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	96219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78869	46.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.020%
7) Chloroethane-d5	1.532	69	72916	47.919	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.840%
11) 1,1-Dichloroethene-d2	2.060	65	39257	46.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.020%
21) 2-Butanone-d5	3.783	46	80447	94.139	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.140%
24) Chloroform-d	4.246	84	165478	49.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.680%
26) 1,2-Dichloroethane-d4	4.941	65	107091	51.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.960%
32) Benzene-d6	4.960	84	309708	50.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.940%
36) 1,2-Dichloropropane-d6	5.989	67	94021	50.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	7.243	98	259394	46.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
43) trans-1,3-Dichloroprop...	7.551	79	42710	46.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.580%
47) 2-Hexanone-d5	8.024	63	57615	91.969	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.970%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	130070	48.589	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.180%
66) 1,2-Dichlorobenzene-d4	11.561	152	102883	56.901	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	21215	13.673	ug/L #	3
13) Acetone	2.111	43	89582	90.310	ug/L	99
19) 1,1-Dichloroethane	3.114	63	6386	2.272	ug/L	95
22) 2-Butanone	3.876	43	34802	35.611	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	6405	2.277	ug/L #	80

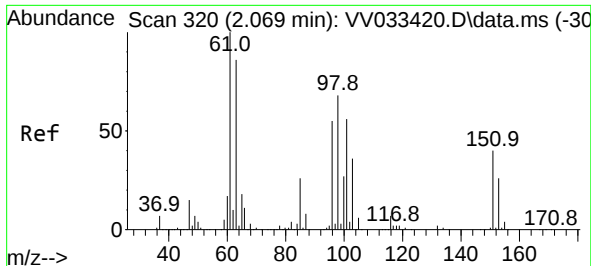
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.673 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033425.D

Acq: 16 Dec 2023 11:25

Instrument :

MSVOA_V

ClientSampleId :

YCHJ4

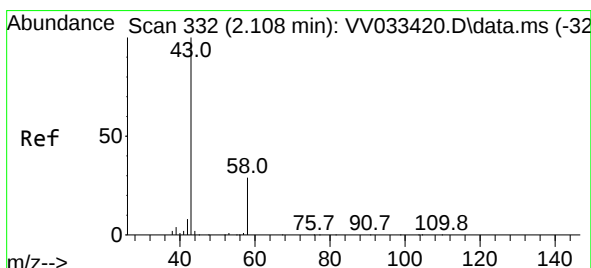
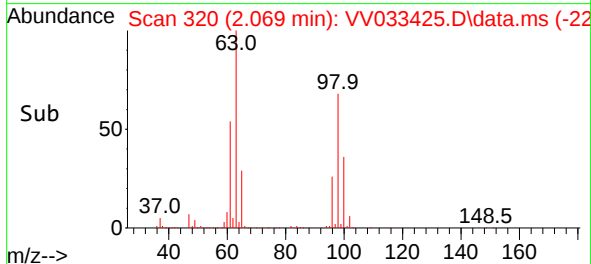
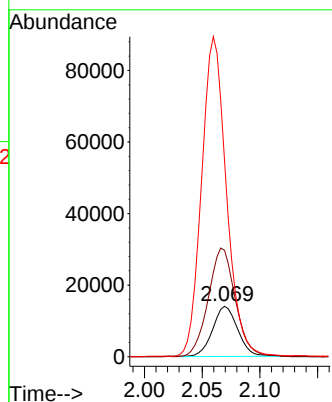
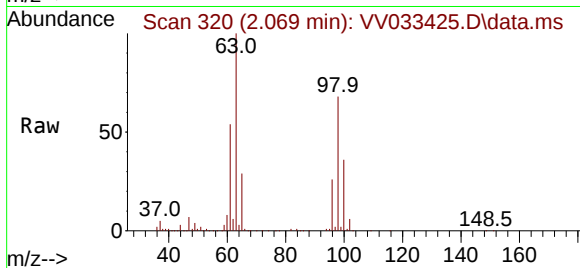
Tgt Ion: 96 Resp: 21215

Ion Ratio Lower Upper

96 100

61 211.0 124.3 230.8

63 389.4 108.1 200.7#



#13

Acetone

Concen: 90.310 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV033425.D

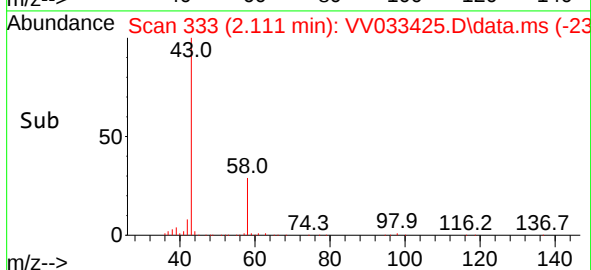
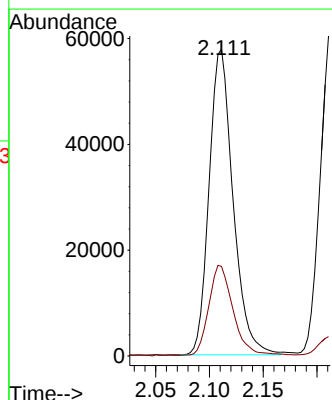
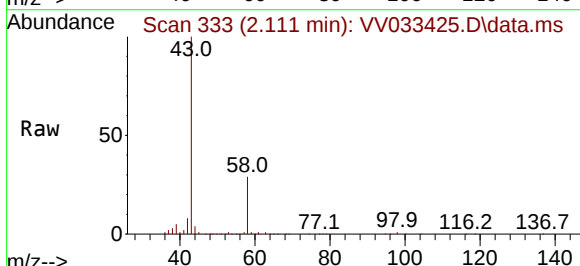
Acq: 16 Dec 2023 11:25

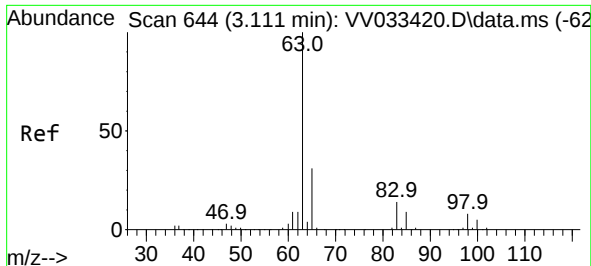
Tgt Ion: 43 Resp: 89582

Ion Ratio Lower Upper

43 100

58 30.1 0.0 59.2





#19

1,1-Dichloroethane

Concen: 2.272 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033425.D

Acq: 16 Dec 2023 11:25

Instrument :

MSVOA_V

ClientSampleId :

YCHJ4

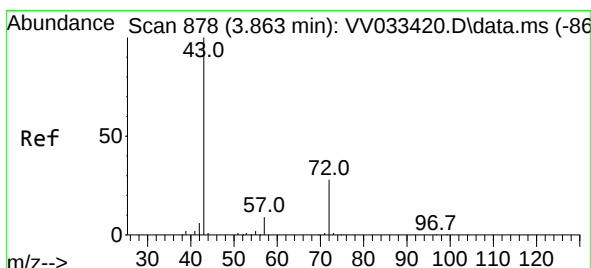
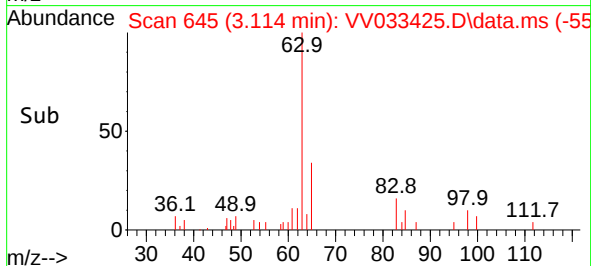
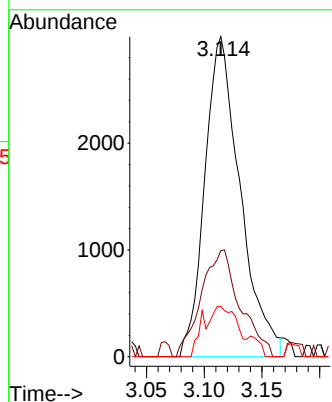
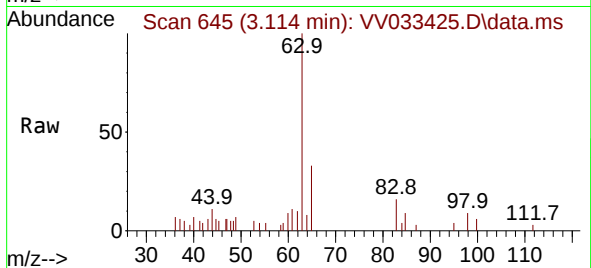
Tgt Ion: 63 Resp: 6386

Ion Ratio Lower Upper

63 100

65 33.2 21.1 39.3

83 15.7 9.7 17.9



#22

2-Butanone

Concen: 35.611 ug/L

RT: 3.876 min Scan# 882

Delta R.T. 0.013 min

Lab File: VV033425.D

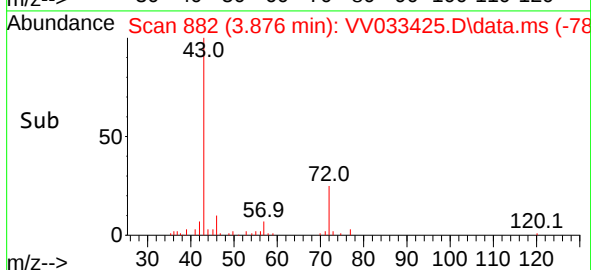
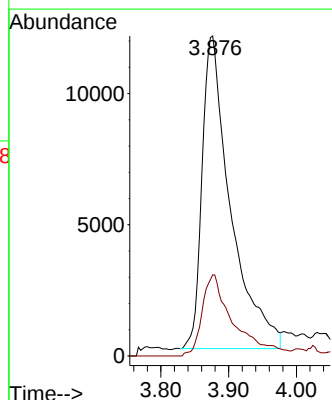
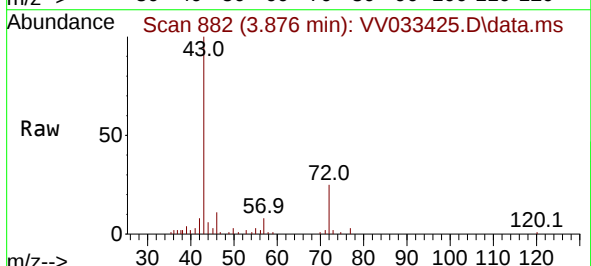
Acq: 16 Dec 2023 11:25

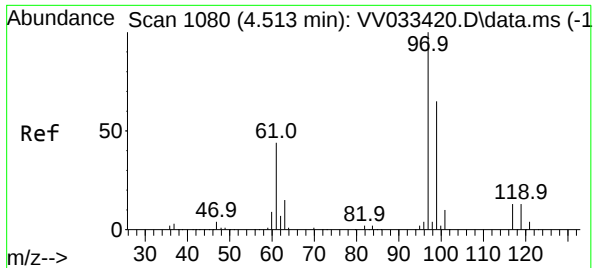
Tgt Ion: 43 Resp: 34802

Ion Ratio Lower Upper

43 100

72 26.9 12.4 37.4





#30
 1,1,1-Trichloroethane
 Concen: 2.277 ug/L
 RT: 4.513 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VV033425.D
 Acq: 16 Dec 2023 11:25

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHJ4

Tgt Ion: 97 Resp: 6405

Ion	Ratio	Lower	Upper
97	100		
99	67.4	51.8	77.6
61	14.3	34.8	52.2

