

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121923\
 Data File : VW033474.D
 Acq On : 19 Dec 2023 13:49
 Operator : SY/MD
 Sample : 05847-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 00:25:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:24:21 2023
 Response via : Initial Calibration

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

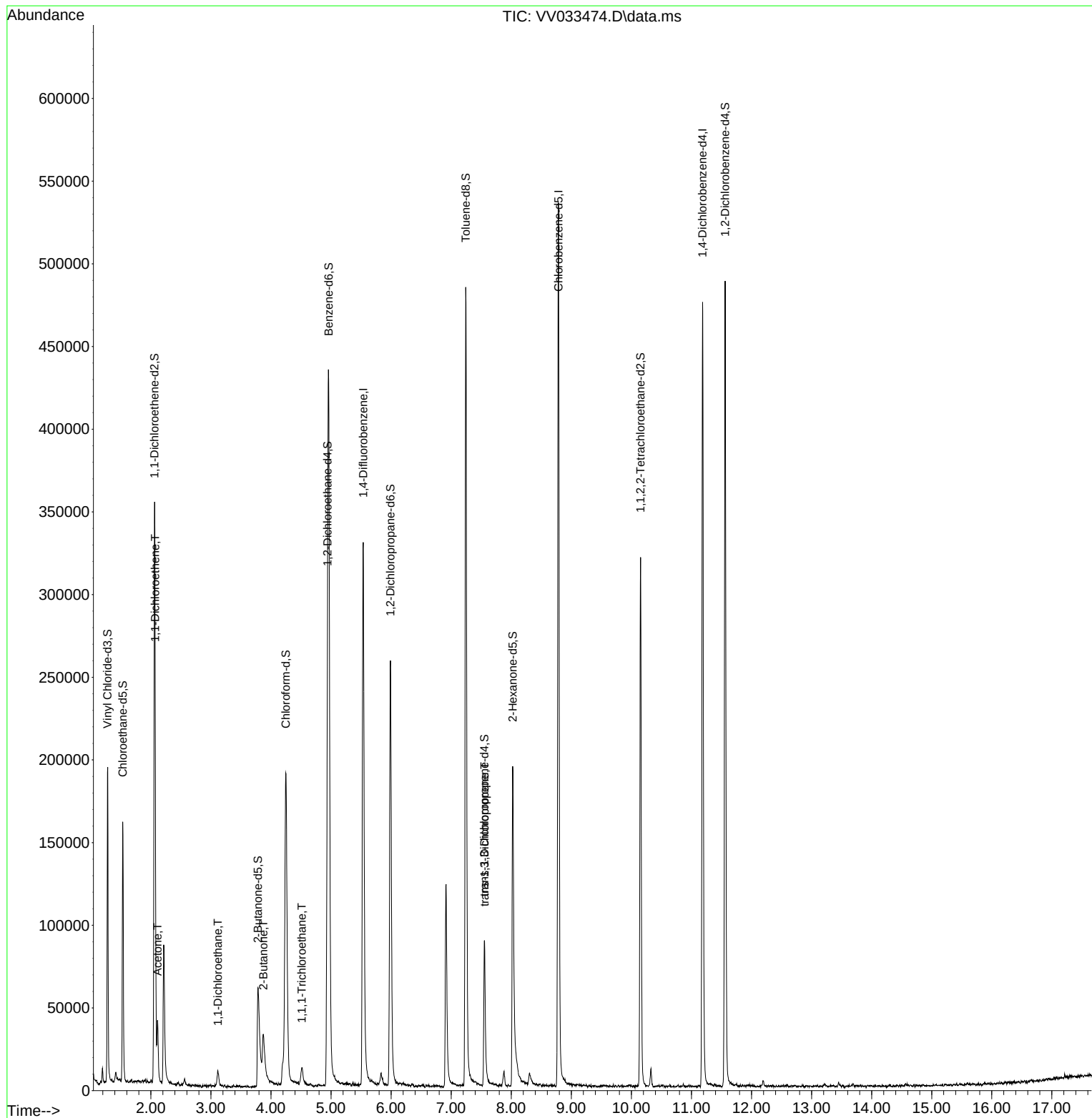
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	278298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	288956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	117637	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	114647	53.495	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	106.980%	
7) Chloroethane-d5	1.532	69	100255	52.127	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	104.260%	
11) 1,1-Dichloroethene-d2	2.059	65	51012	47.816	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.640%	
21) 2-Butanone-d5	3.783	46	101404	93.882	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.880%	
24) Chloroform-d	4.246	84	198074	46.723	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.440%	
26) 1,2-Dichloroethane-d4	4.940	65	127335	48.895	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.780%	
32) Benzene-d6	4.960	84	383118	49.228	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.460%	
36) 1,2-Dichloropropane-d6	5.989	67	120190	50.885	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.780%	
41) Toluene-d8	7.243	98	317884	44.640	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.280%	
43) trans-1,3-Dichloroprop...	7.554	79	51050	44.101	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.200%	
47) 2-Hexanone-d5	8.024	63	62475	78.639	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	78.640%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	151113	44.513	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.020%	
66) 1,2-Dichlorobenzene-d4	11.561	152	117462	53.136	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.280%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.072	96	28711	14.640	ug/L	# 27
13) Acetone	2.111	43	35385	28.223	ug/L	96
19) 1,1-Dichloroethane	3.114	63	9376	2.639	ug/L	97
22) 2-Butanone	3.873	43	54093	43.792	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	7680	2.153	ug/L	96
44) trans-1,3-Dichloropropene	7.558	75	2416	0.792	ug/L	83

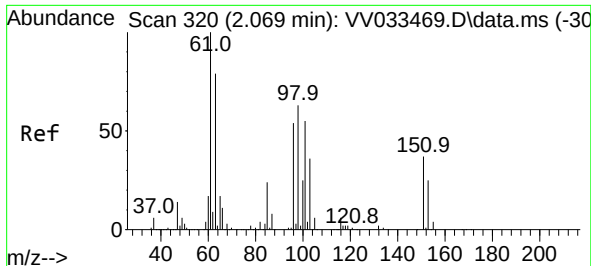
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:24:21 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 14.640 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033474.D

Acq: 19 Dec 2023 13:49

Instrument :

MSVOA_V

ClientSampleId :

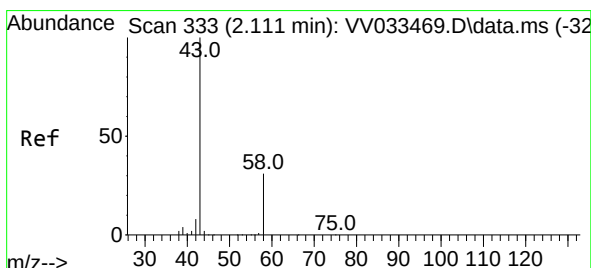
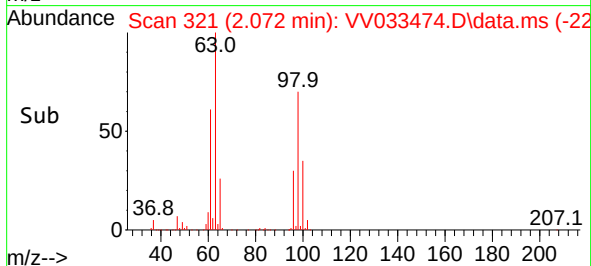
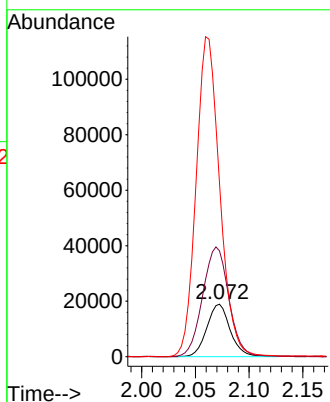
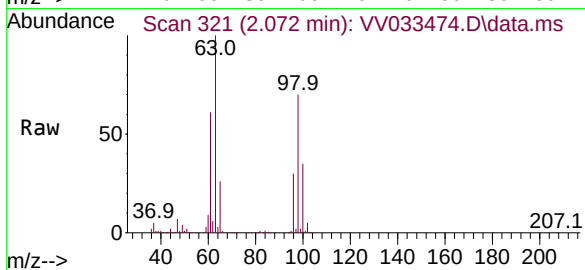
Tgt Ion: 96 Resp: 28711

Ion Ratio Lower Upper

96 100

61 201.9 124.3 230.8

63 331.5 108.1 200.7#



#13

Acetone

Concen: 28.223 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV033474.D

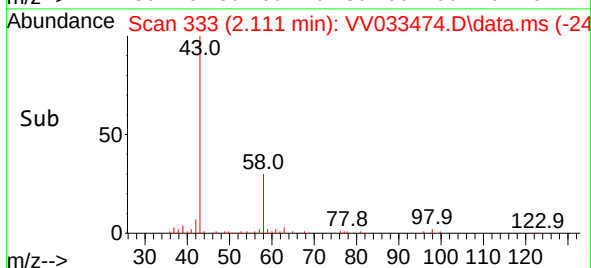
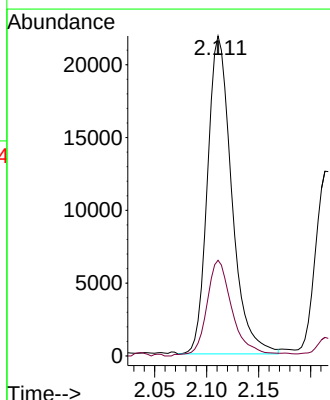
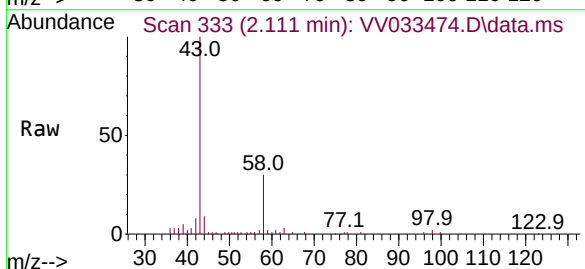
Acq: 19 Dec 2023 13:49

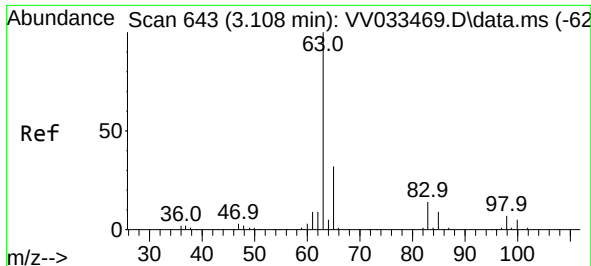
Tgt Ion: 43 Resp: 35385

Ion Ratio Lower Upper

43 100

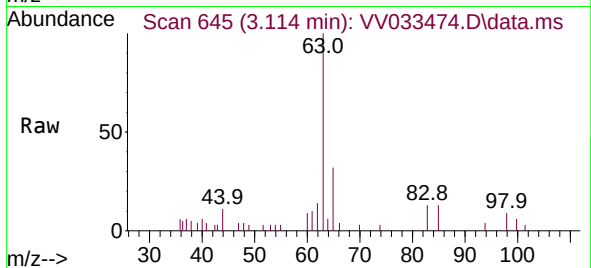
58 31.7 0.0 59.2



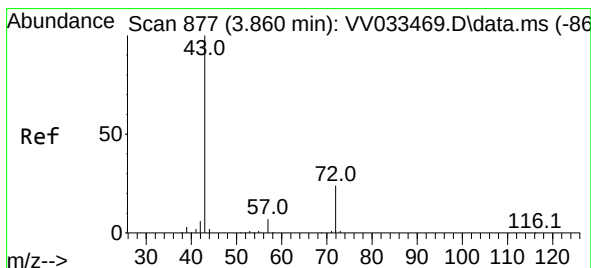
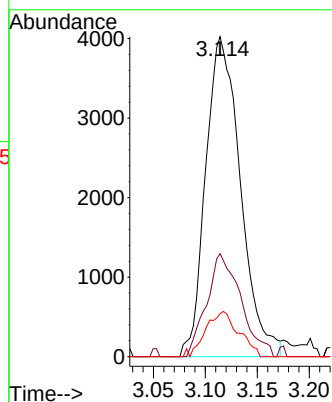
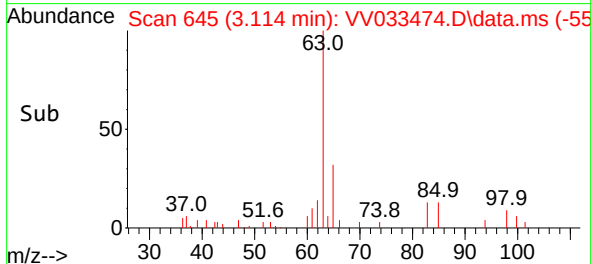


#19
 1,1-Dichloroethane
 Concen: 2.639 ug/L
 RT: 3.114 min Scan# 64
 Delta R.T. 0.006 min
 Lab File: VV033474.D
 Acq: 19 Dec 2023 13:49

Instrument :
 MSVOA_V
 ClientSampleId :

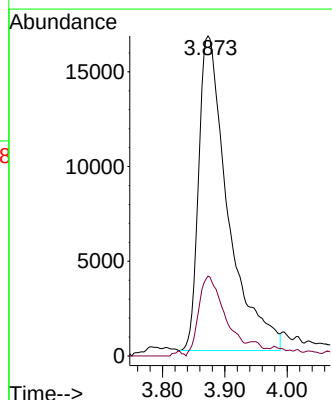
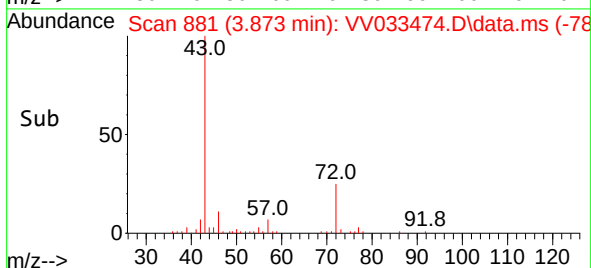
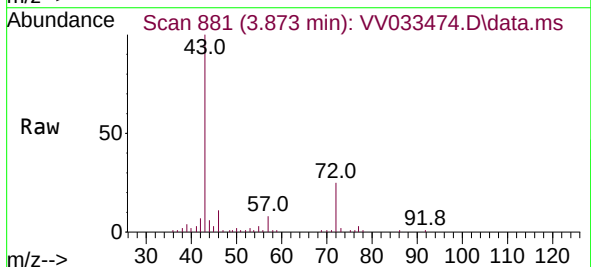


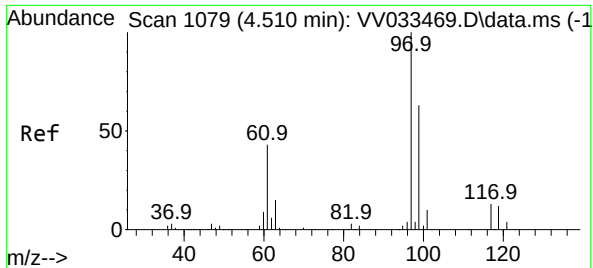
Tgt Ion: 63 Resp: 9376
 Ion Ratio Lower Upper
 63 100
 65 32.2 21.1 39.3
 83 13.4 9.7 17.9



#22
 2-Butanone
 Concen: 43.792 ug/L
 RT: 3.873 min Scan# 881
 Delta R.T. 0.013 min
 Lab File: VV033474.D
 Acq: 19 Dec 2023 13:49

Tgt Ion: 43 Resp: 54093
 Ion Ratio Lower Upper
 43 100
 72 22.8 12.4 37.4

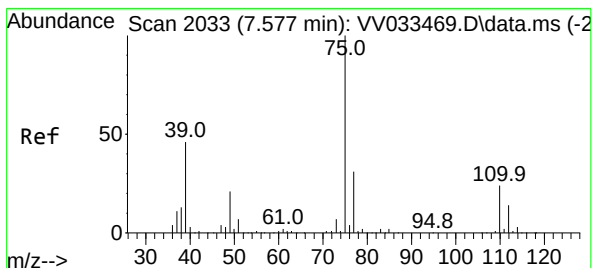
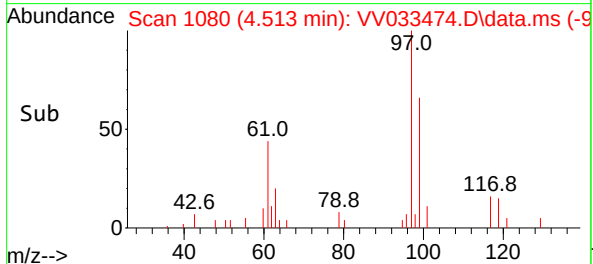
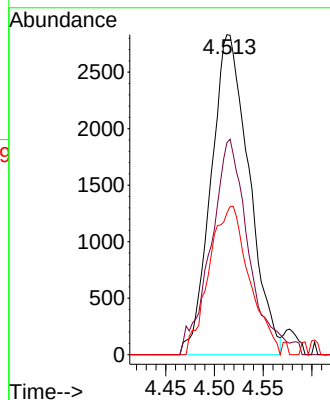
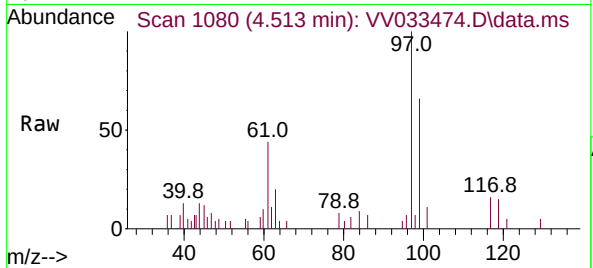




#30
1,1,1-Trichloroethane
Concen: 2.153 ug/L
RT: 4.513 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VV033474.D
Acq: 19 Dec 2023 13:49

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 7680
Ion Ratio Lower Upper
97 100
99 66.3 51.8 77.6
61 47.4 34.8 52.2



#44
trans-1,3-Dichloropropene
Concen: 0.792 ug/L
RT: 7.558 min Scan# 2027
Delta R.T. -0.019 min
Lab File: VV033474.D
Acq: 19 Dec 2023 13:49

Tgt Ion: 75 Resp: 2416
Ion Ratio Lower Upper
75 100
77 41.5 22.4 41.6

