

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042623\
 Data File : VW030881.D
 Acq On : 26 Apr 2023 15:36
 Operator : SY/MD
 Sample : 02475-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW4

Quant Time: Apr 27 04:47:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

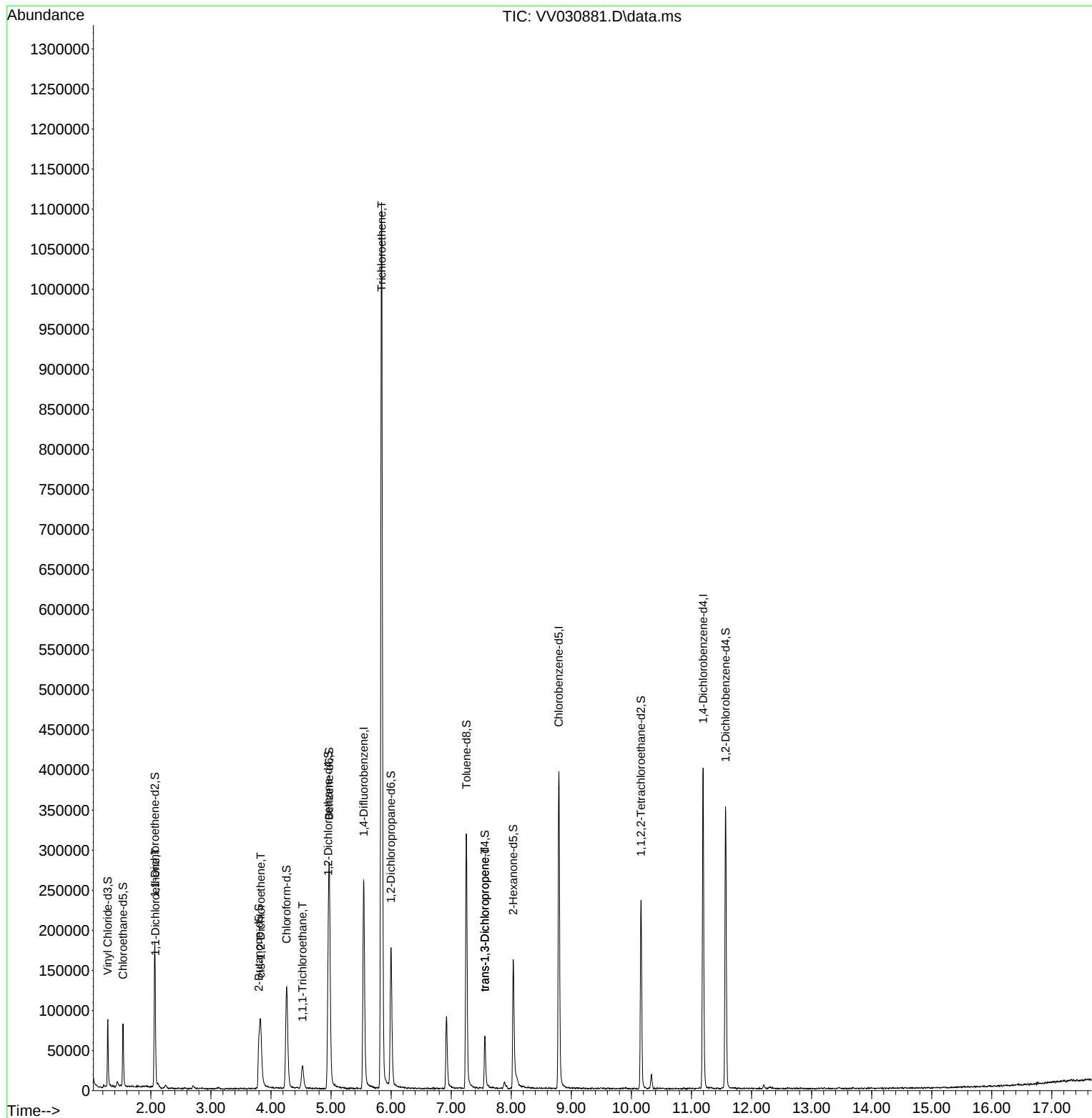
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	216025	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	207149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	104970	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	55005	34.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.460%
7) Chloroethane-d5	1.536	69	49381	37.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.420%
11) 1,1-Dichloroethene-d2	2.066	65	29373	39.111	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.220%
21) 2-Butanone-d5	3.799	46	82840	95.238	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.240%
24) Chloroform-d	4.259	84	129231	45.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.060%
26) 1,2-Dichloroethane-d4	4.953	65	92094	49.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.820%
32) Benzene-d6	4.969	84	233105	47.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.998	67	73080	48.037	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.080%
41) Toluene-d8	7.252	98	208978	45.446	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.900%
43) trans-1,3-Dichloroprop...	7.561	79	36084	47.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.120%
47) 2-Hexanone-d5	8.034	63	50498	84.261	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.260%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104380	47.284	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.560%
66) 1,2-Dichlorobenzene-d4	11.567	152	90382	54.171	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.340%
Target Compounds						
12) 1,1-Dichloroethene	2.076	96	2681	1.772	ug/L	# 1
20) cis-1,2-Dichloroethene	3.828	96	35517	21.381	ug/L	97
30) 1,1,1-Trichloroethane	4.523	97	22596	7.763	ug/L	100
34) Trichloroethene	5.841	95	357989	218.791	ug/L	98
44) trans-1,3-Dichloropropene	7.561	75	2062	0.826	ug/L	91

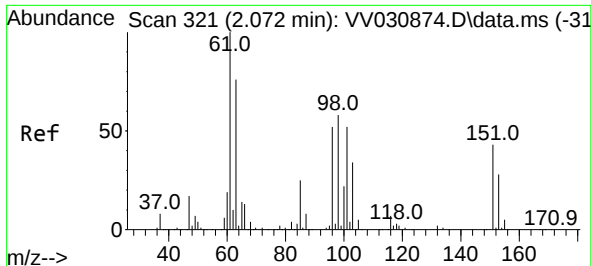
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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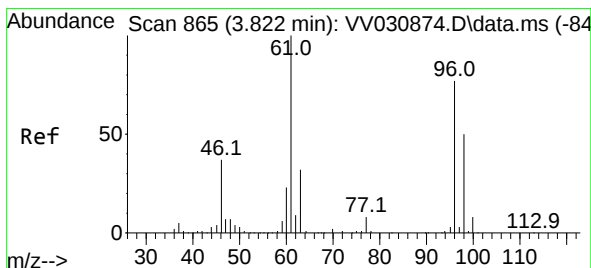
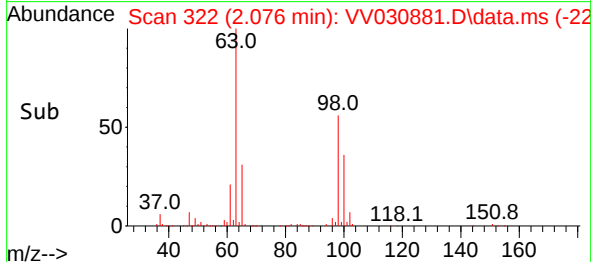
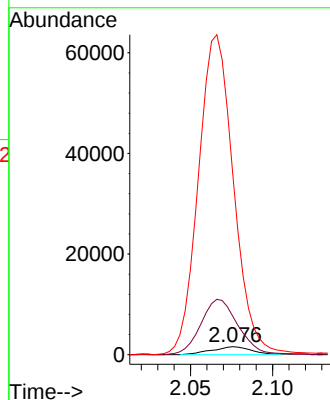
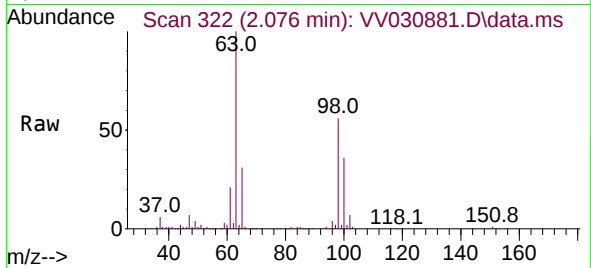




#12
1,1-Dichloroethene
Concen: 1.772 ug/L
RT: 2.076 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030881.D
Acq: 26 Apr 2023 15:36

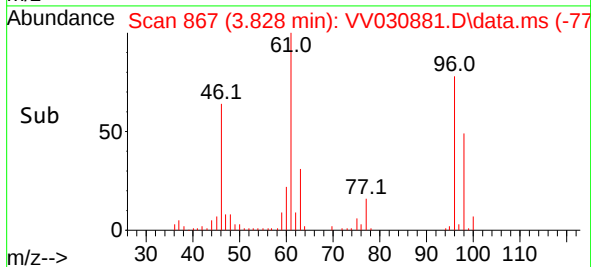
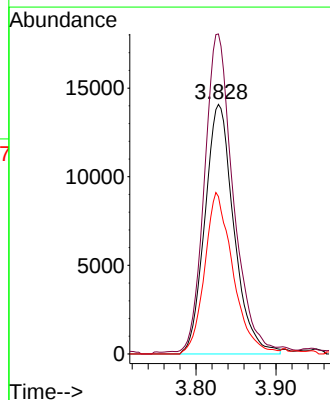
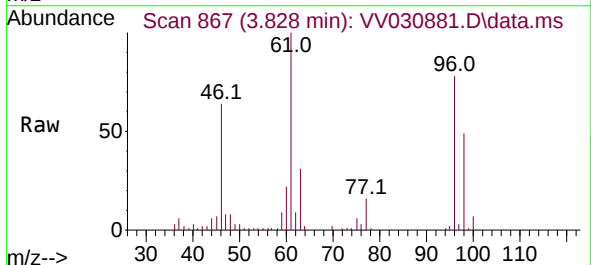
Instrument :
MSVOA_V
ClientSampleId :
C0AW4

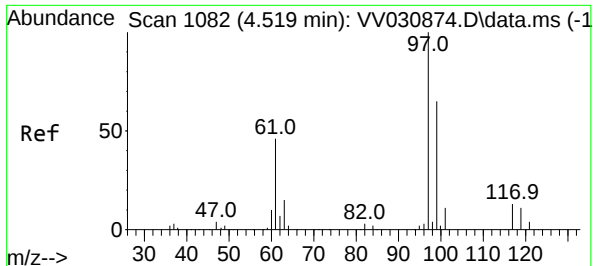
Tgt Ion: 96 Resp: 2681
Ion Ratio Lower Upper
96 100
61 486.7 131.9 245.0#
63 2289.9 99.8 185.3#



#20
cis-1,2-Dichloroethene
Concen: 21.381 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.006 min
Lab File: VV030881.D
Acq: 26 Apr 2023 15:36

Tgt Ion: 96 Resp: 35517
Ion Ratio Lower Upper
96 100
61 128.2 92.3 171.3
98 63.1 45.9 85.3





#30

1,1,1-Trichloroethane

Concen: 7.763 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV030881.D

Acq: 26 Apr 2023 15:36

Instrument :

MSVOA_V

ClientSampleId :

C0AW4

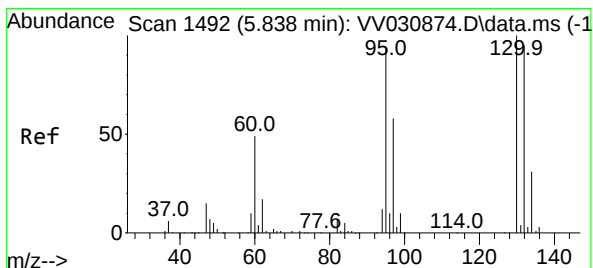
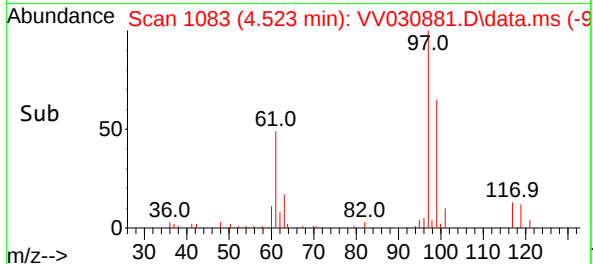
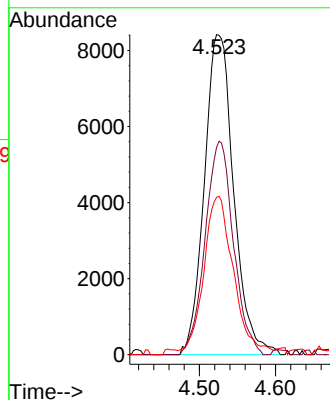
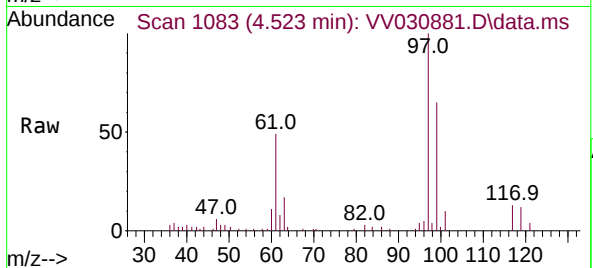
Tgt Ion: 97 Resp: 22596

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 46.8 37.0 55.6



#34

Trichloroethene

Concen: 218.791 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030881.D

Acq: 26 Apr 2023 15:36

Tgt Ion: 95 Resp: 357989

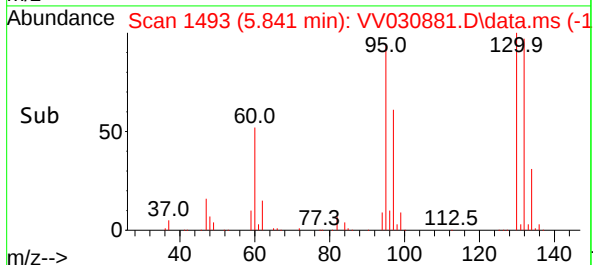
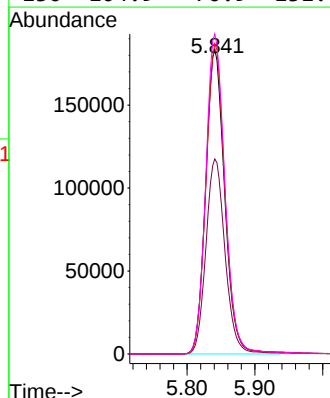
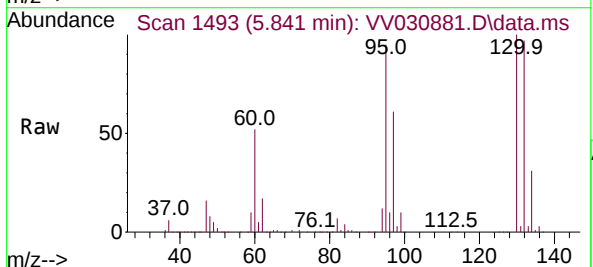
Ion Ratio Lower Upper

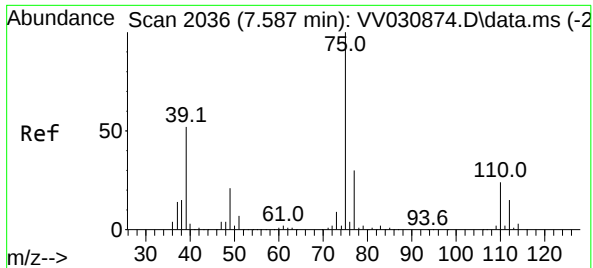
95 100

97 64.0 45.8 85.2

132 101.7 70.6 131.2

130 104.9 70.9 131.7





#44
 trans-1,3-Dichloropropene
 Concen: 0.826 ug/L
 RT: 7.561 min Scan# 2036
 Delta R.T. -0.026 min
 Lab File: VV030881.D
 Acq: 26 Apr 2023 15:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW4

Tgt Ion: 75 Resp: 2062
 Ion Ratio Lower Upper
 75 100
 77 36.7 22.1 41.1

