

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042623\
 Data File : VW030885.D
 Acq On : 26 Apr 2023 17:12
 Operator : SY/MD
 Sample : 02475-02DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW4DL

Quant Time: Apr 27 04:47:59 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

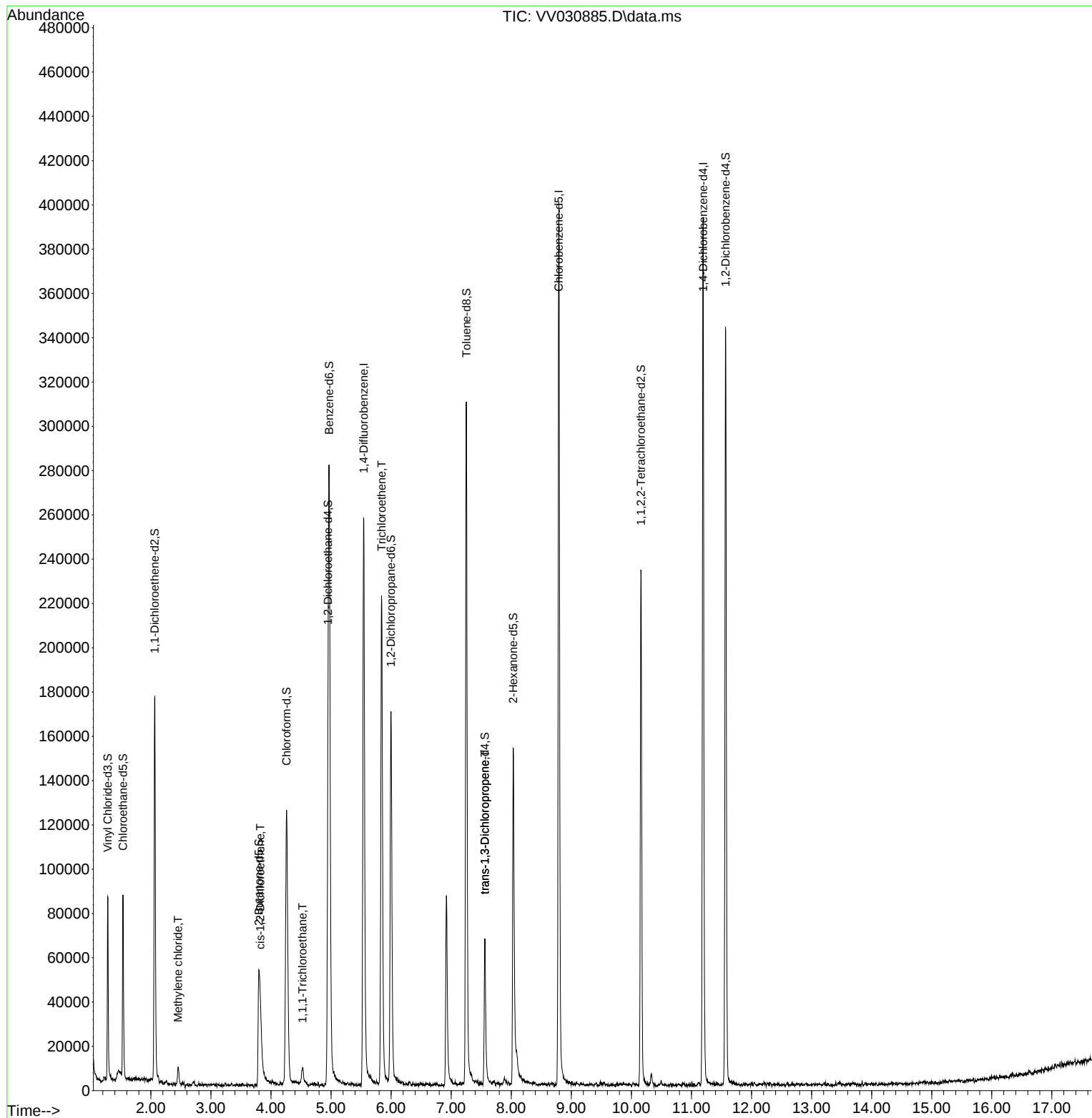
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	215057	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	209776	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	107254	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	54351	34.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.940%
7) Chloroethane-d5	1.536	69	49114	37.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.360%
11) 1,1-Dichloroethene-d2	2.063	65	28086	37.566	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.140%
21) 2-Butanone-d5	3.799	46	83834	96.814	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.810%
24) Chloroform-d	4.259	84	127201	44.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.040%
26) 1,2-Dichloroethane-d4	4.950	65	93803	51.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.140%
32) Benzene-d6	4.969	84	227762	45.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	5.998	67	69334	45.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.000%
41) Toluene-d8	7.252	98	204321	43.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.760%
43) trans-1,3-Dichloroprop...	7.561	79	35418	45.613	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.220%
47) 2-Hexanone-d5	8.034	63	50045	82.459	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.460%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	101806	45.540	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.080%
66) 1,2-Dichlorobenzene-d4	11.570	152	88079	51.666	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.340%
Target Compounds						
16) Methylene chloride	2.455	84	3405	1.976	ug/L	94
20) cis-1,2-Dichloroethene	3.822	96	7997	4.836	ug/L	97
30) 1,1,1-Trichloroethane	4.526	97	5254	1.782	ug/L	93
34) Trichloroethene	5.841	95	72786	43.927	ug/L	97
44) trans-1,3-Dichloropropene	7.561	75	2461	0.973	ug/L #	81

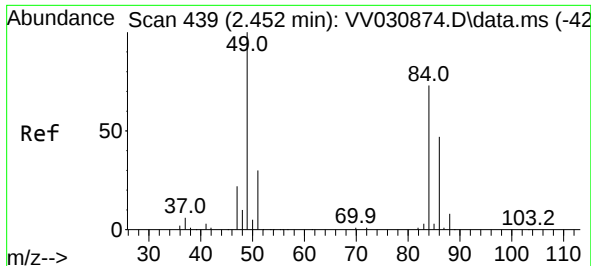
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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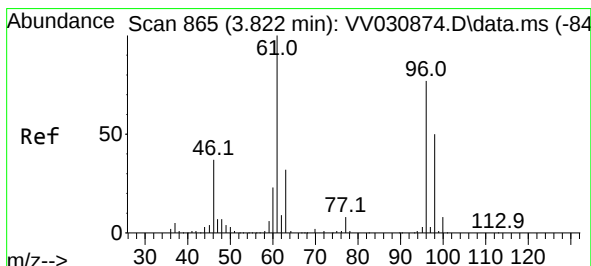
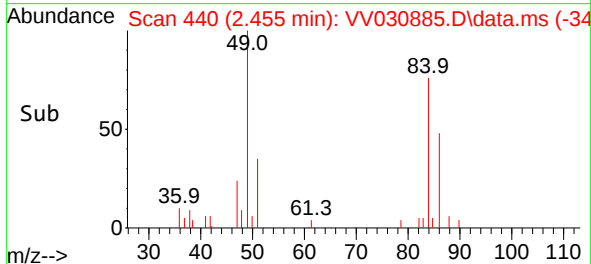
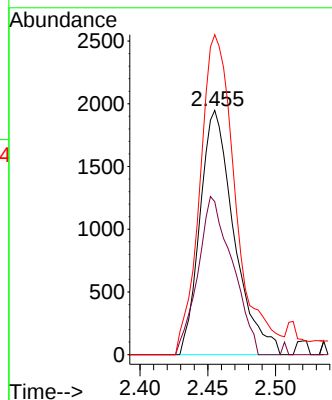
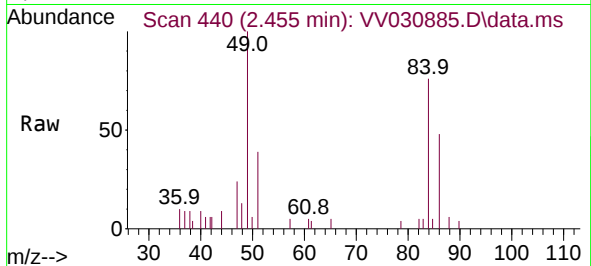




#16
Methylene chloride
Concen: 1.976 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030885.D
Acq: 26 Apr 2023 17:12

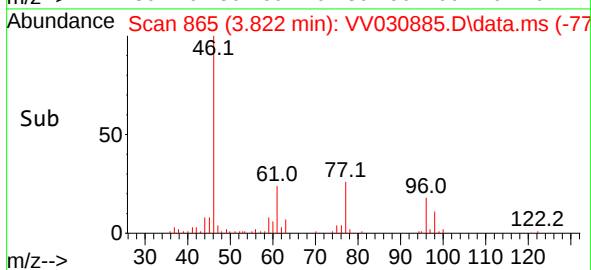
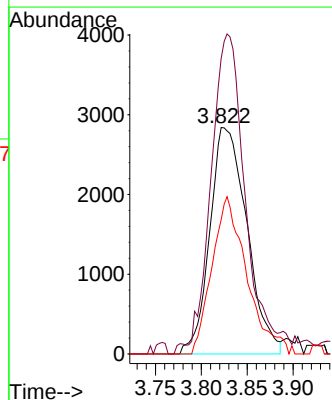
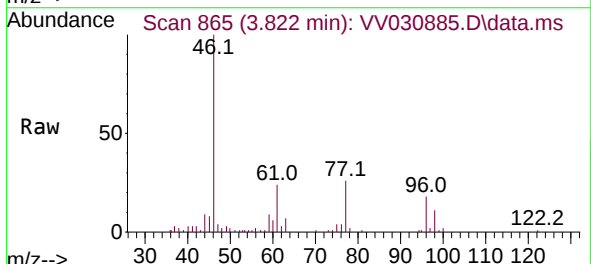
Instrument :
MSVOA_V
ClientSampleId :
C0AW4DL

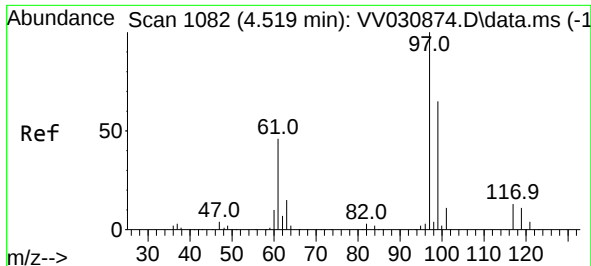
Tgt Ion: 84 Resp: 3405
Ion Ratio Lower Upper
84 100
86 58.6 45.4 84.2
49 122.6 90.4 168.0



#20
cis-1,2-Dichloroethene
Concen: 4.836 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.000 min
Lab File: VV030885.D
Acq: 26 Apr 2023 17:12

Tgt Ion: 96 Resp: 7997
Ion Ratio Lower Upper
96 100
61 130.5 92.3 171.3
98 59.3 45.9 85.3





#30

1,1,1-Trichloroethane

Concen: 1.782 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.007 min

Lab File: VV030885.D

Acq: 26 Apr 2023 17:12

Instrument :

MSVOA_V

ClientSampleId :

C0AW4DL

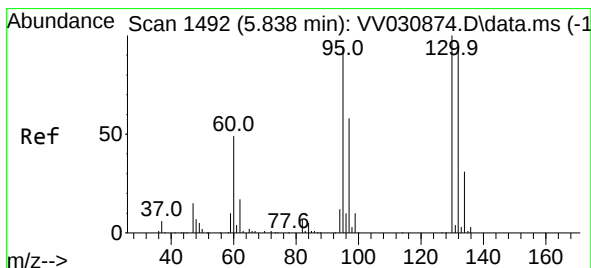
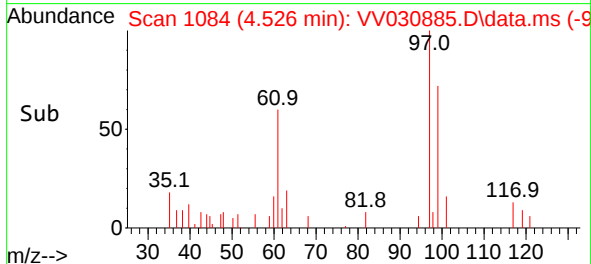
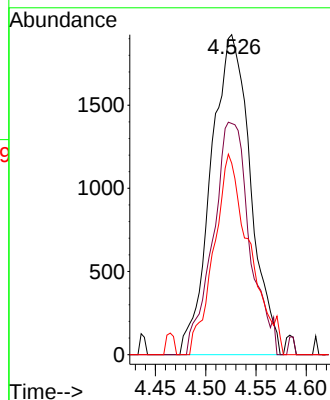
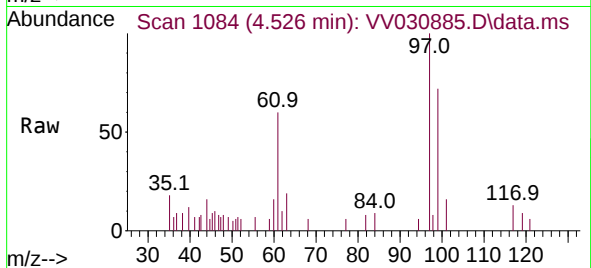
Tgt Ion: 97 Resp: 5254

Ion Ratio Lower Upper

97 100

99 66.5 51.4 77.0

61 55.4 37.0 55.6



#34

Trichloroethene

Concen: 43.927 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030885.D

Acq: 26 Apr 2023 17:12

Tgt Ion: 95 Resp: 72786

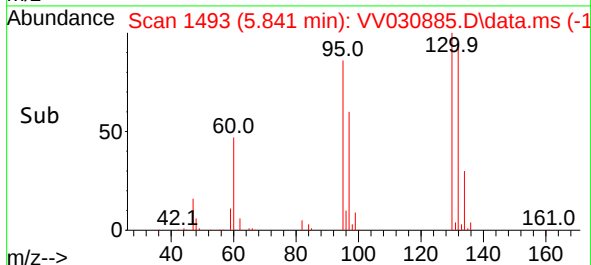
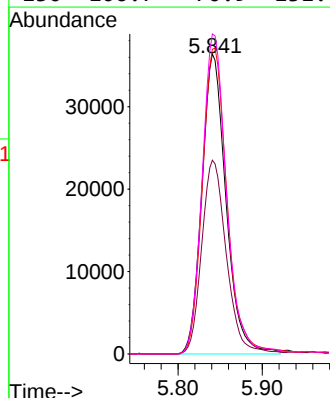
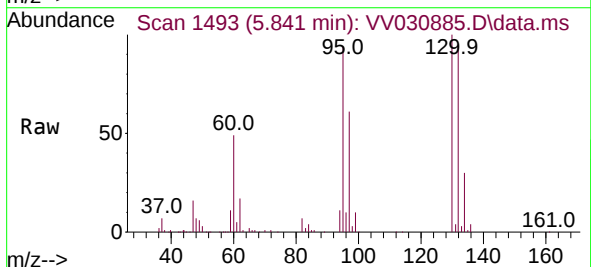
Ion Ratio Lower Upper

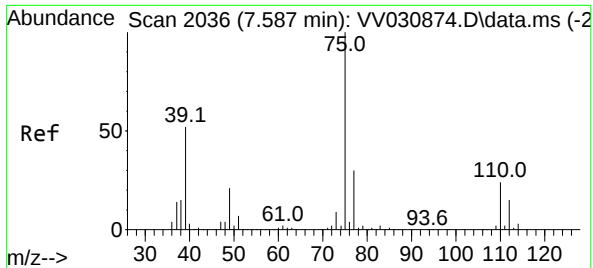
95 100

97 64.6 45.8 85.2

132 101.6 70.6 131.2

130 106.7 70.9 131.7





#44
 trans-1,3-Dichloropropene
 Concen: 0.973 ug/L
 RT: 7.561 min Scan# 2036
 Delta R.T. -0.026 min
 Lab File: VV030885.D
 Acq: 26 Apr 2023 17:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW4DL

Tgt Ion: 75 Resp: 2461
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.1 41.1#

