

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052223\
 Data File : VV031166.D
 Acq On : 22 May 2023 15:19
 Operator : SY/MD
 Sample : 02866-04DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX79DL

Quant Time: May 23 04:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 23 04:42:12 2023
 Response via : Initial Calibration

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

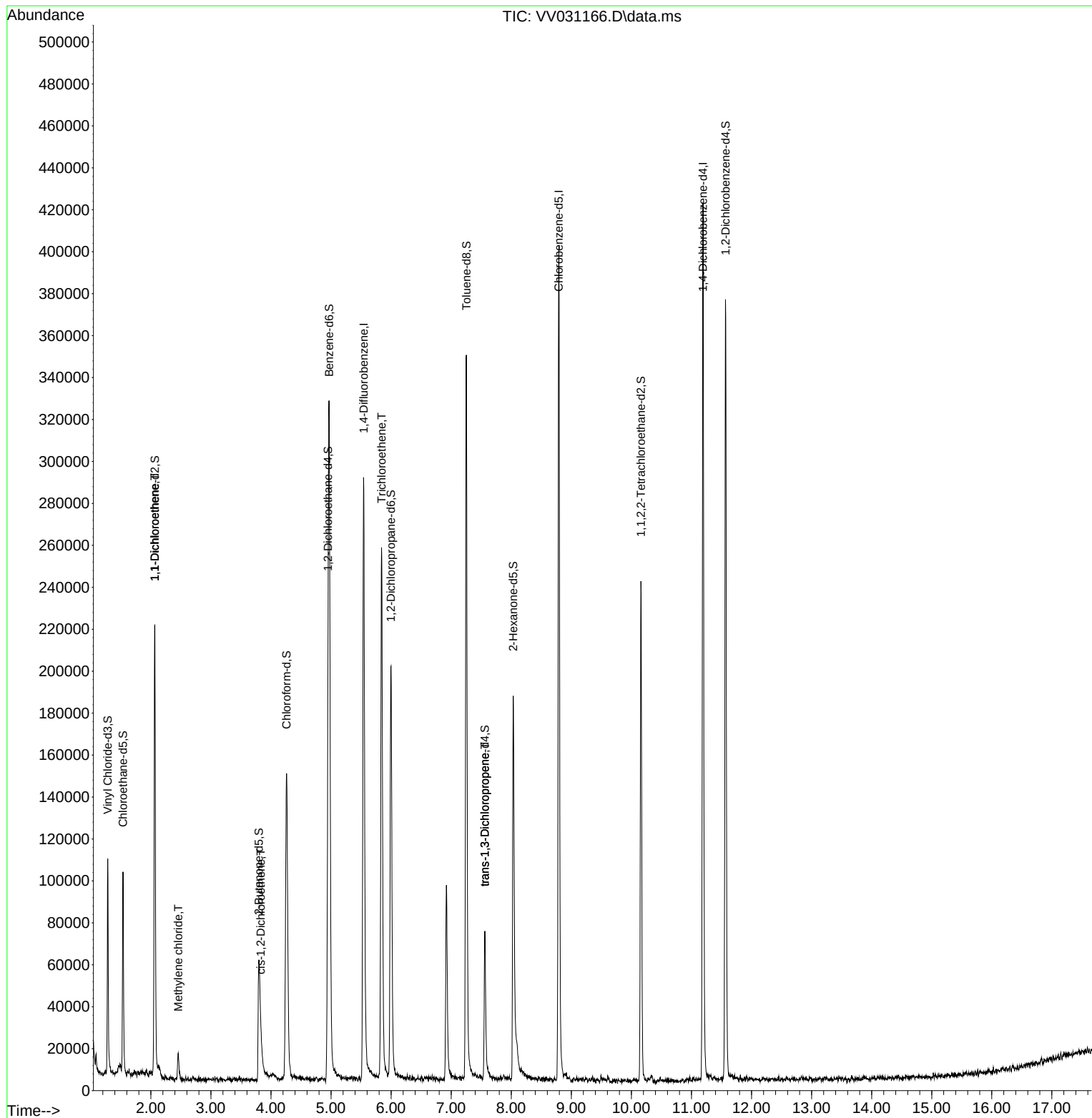
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	244393	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	207428	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	110958	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	69054	33.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.120%
7) Chloroethane-d5	1.535	69	60865	37.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.660%
11) 1,1-Dichloroethene-d2	2.066	65	35239	35.979	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.960%
21) 2-Butanone-d5	3.799	46	97391	87.509	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.510%
24) Chloroform-d	4.259	84	151844	41.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.180%
26) 1,2-Dichloroethane-d4	4.950	65	110173	44.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.260%
32) Benzene-d6	4.969	84	259129	46.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
36) 1,2-Dichloropropane-d6	5.998	67	83654	49.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.440%
41) Toluene-d8	7.252	98	225385	42.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.880%
43) trans-1,3-Dichloroprop...	7.561	79	39586	46.895	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.800%
47) 2-Hexanone-d5	8.034	63	59134	90.142	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.140%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	96333	38.174	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.340%
66) 1,2-Dichlorobenzene-d4	11.567	152	94687	47.488	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.980%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.063	96	1213	0.894	ug/L #	1
16) Methylene chloride	2.458	84	5370	3.553	ug/L	95
20) cis-1,2-Dichloroethene	3.828	96	1378	0.891	ug/L	90
34) Trichloroethene	5.841	95	83847	62.970	ug/L	97
44) trans-1,3-Dichloropropene	7.561	75	2504	1.174	ug/L #	69

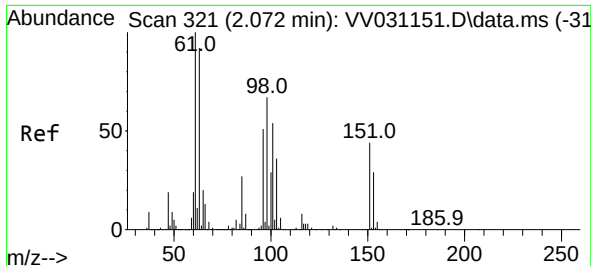
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.894 ug/L

RT: 2.063 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV031166.D

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Instrument :

MSVOA_V

ClientSampleId :

GBX79DL

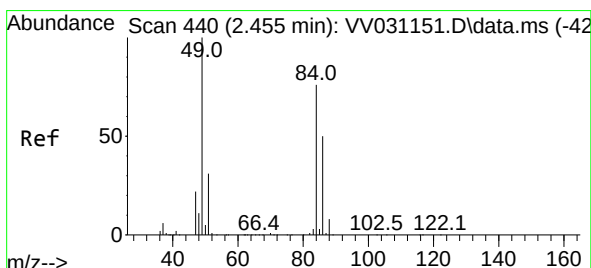
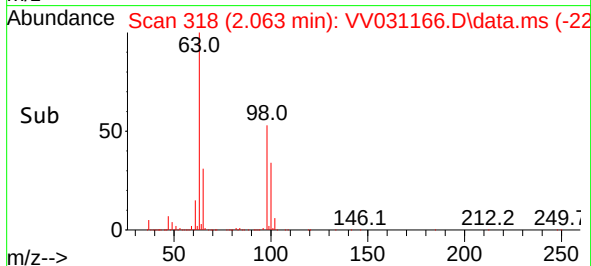
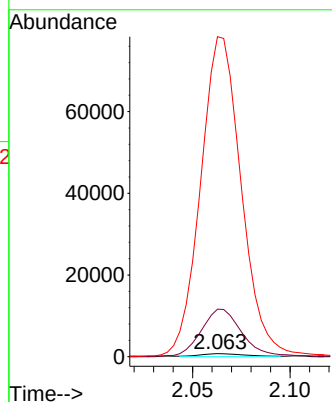
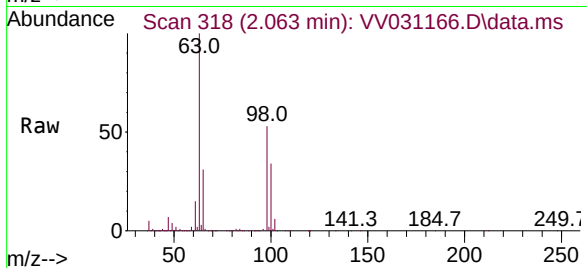
Tgt Ion: 96 Resp: 1213

Ion Ratio Lower Upper

96 100

61 1570.9 137.9 256.1#

63 10573.8 114.2 212.0#



#16

Methylene chloride

Concen: 3.553 ug/L

RT: 2.458 min Scan# 441

Delta R.T. 0.003 min

Lab File: VV031166.D

Acq: 22 May 2023 15:19

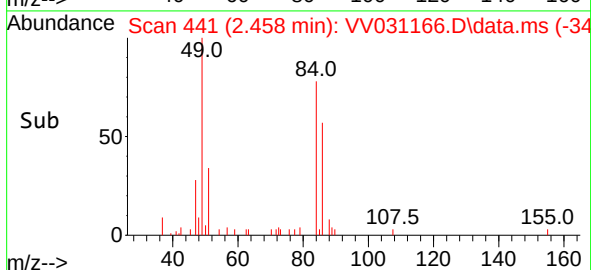
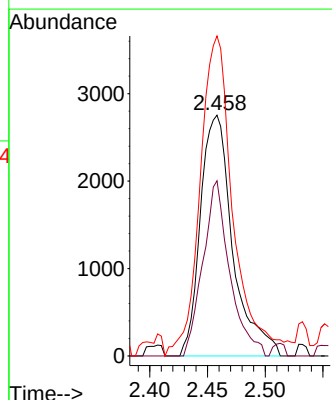
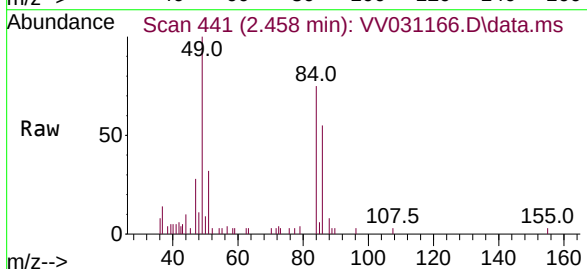
Tgt Ion: 84 Resp: 5370

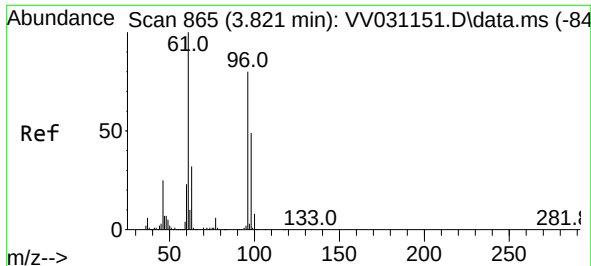
Ion Ratio Lower Upper

84 100

86 72.8 43.3 80.3

49 132.9 92.6 172.0

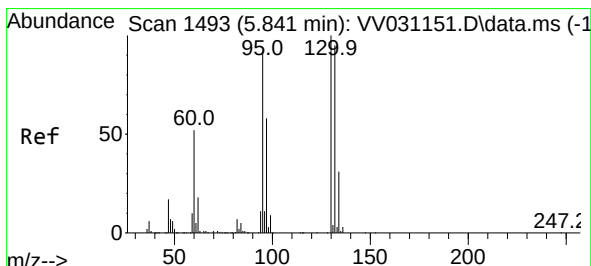
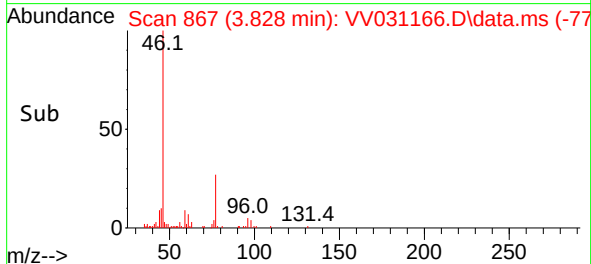
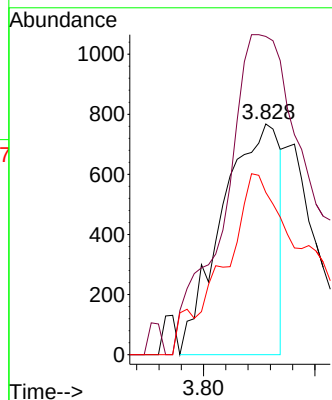
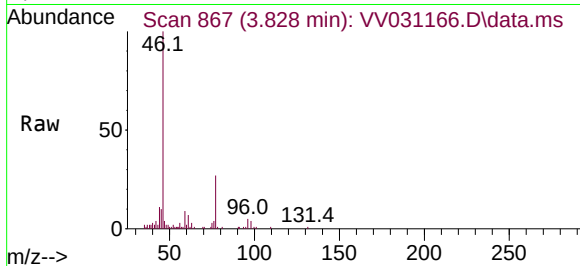




#20
cis-1,2-Dichloroethene
Concen: 0.891 ug/L
RT: 3.828 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV031166.D
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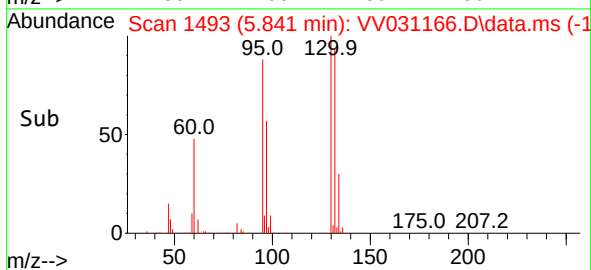
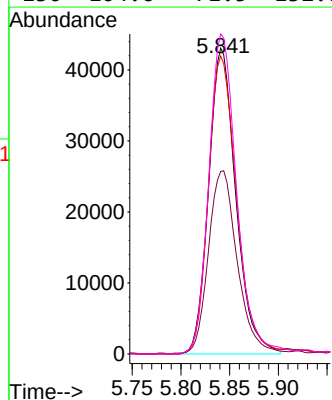
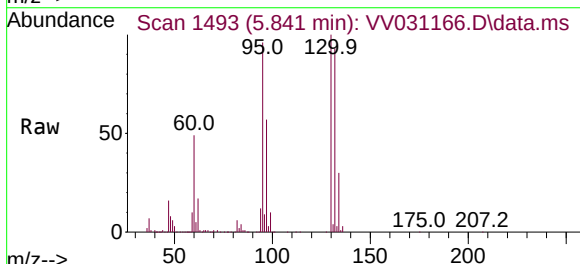
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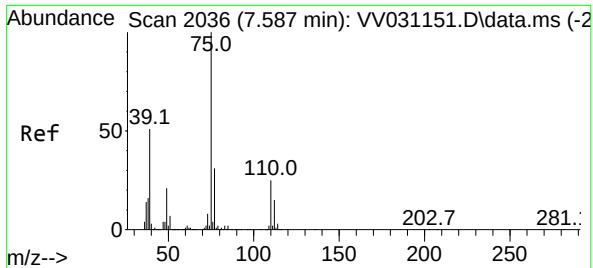
Tgt Ion: 96 Resp: 1378
Ion Ratio Lower Upper
96 100
61 137.9 89.2 165.6
98 70.3 43.0 80.0



#34
Trichloroethene
Concen: 62.970 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031166.D
Acq: 22 May 2023 15:19

Tgt Ion: 95 Resp: 83847
Ion Ratio Lower Upper
95 100
97 59.7 44.4 82.5
132 97.4 70.2 130.4
130 104.6 71.5 132.7





#44
 trans-1,3-Dichloropropene
 Concen: 1.174 ug/L
 RT: 7.561 min Scan# 2036
 Delta R.T. -0.026 min
 Lab File: VV031166.D
 Acq: 22 May 2023 15:19

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX79DL

Tgt Ion: 75 Resp: 2504
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.2 41.2#

