

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030599.D
 Acq On : 17 Apr 2023 19:25
 Operator : SY/MD
 Sample : 02360-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAN9

Quant Time: Apr 18 02:52:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

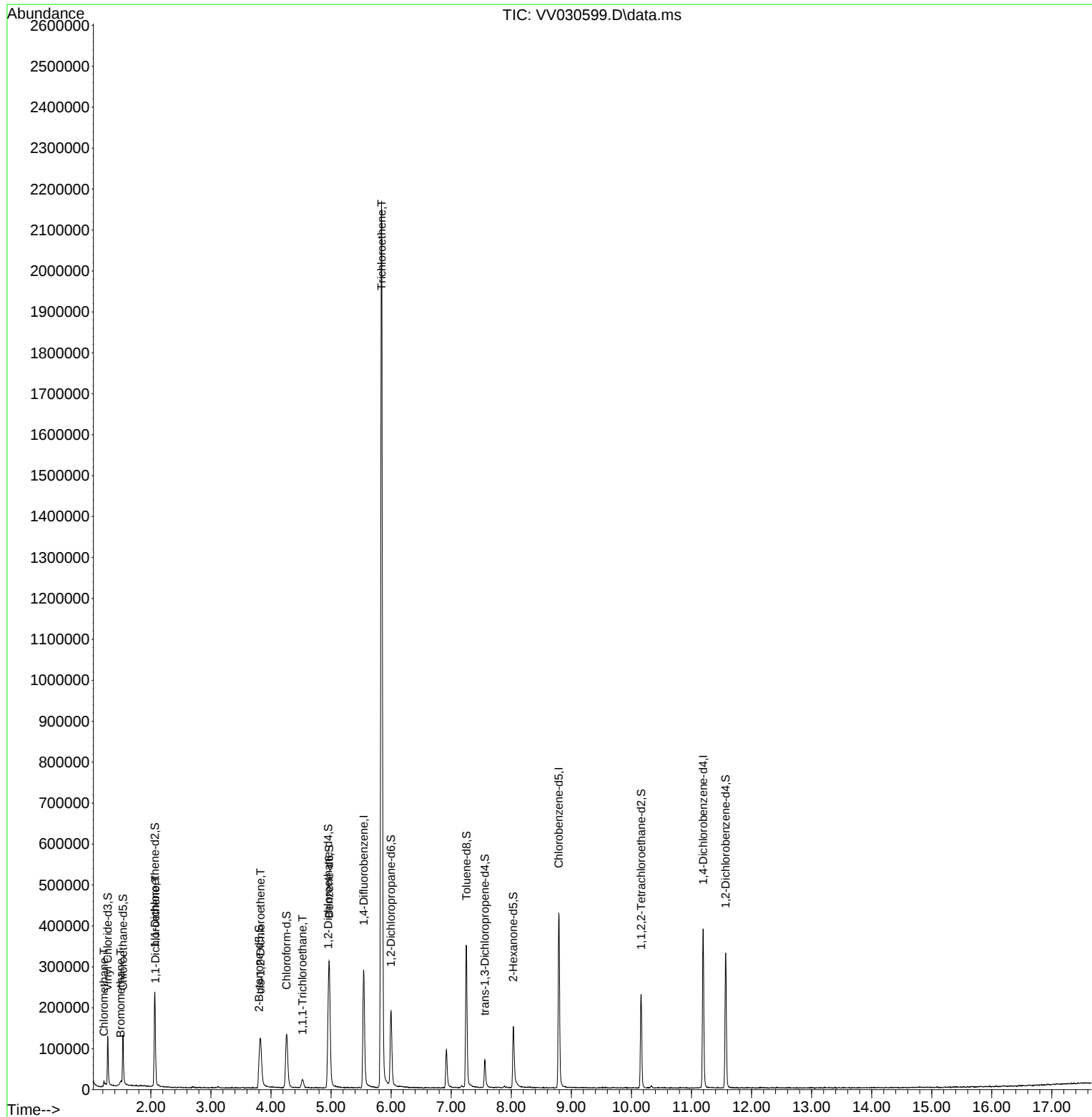
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	245570	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	226770	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	101415	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	80837	44.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.800%
7) Chloroethane-d5	1.535	69	67937	45.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.060%
11) 1,1-Dichloroethene-d2	2.066	65	36812	43.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.240%
21) 2-Butanone-d5	3.802	46	84062	85.015	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.020%
24) Chloroform-d	4.259	84	139744	42.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.660%
26) 1,2-Dichloroethane-d4	4.953	65	94286	44.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.900%
32) Benzene-d6	4.969	84	259265	48.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
36) 1,2-Dichloropropane-d6	5.998	67	82783	49.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.420%
41) Toluene-d8	7.252	98	225987	44.893	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.780%
43) trans-1,3-Dichloroprop...	7.561	79	37211	44.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.660%
47) 2-Hexanone-d5	8.034	63	53247	81.160	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.160%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	103074	42.652	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.300%
66) 1,2-Dichlorobenzene-d4	11.570	152	81855	50.780	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.560%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	12697	4.584	ug/L	98
6) Bromomethane	1.494	94	2368	2.674	ug/L	96
12) 1,1-Dichloroethene	2.076	96	7744	4.504	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	54173	28.689	ug/L	97
30) 1,1,1-Trichloroethane	4.522	97	15745	4.941	ug/L	94
34) Trichloroethene	5.841	95	722180	403.184	ug/L	98

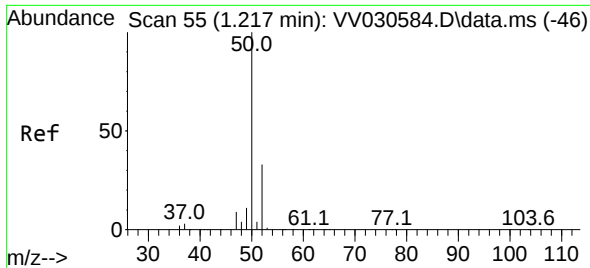
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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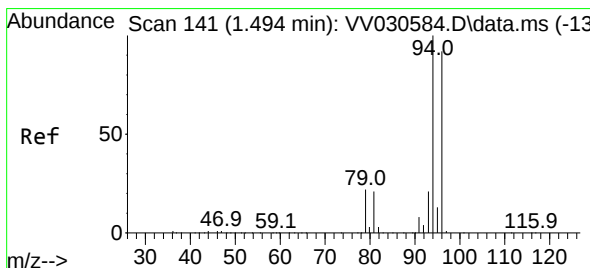
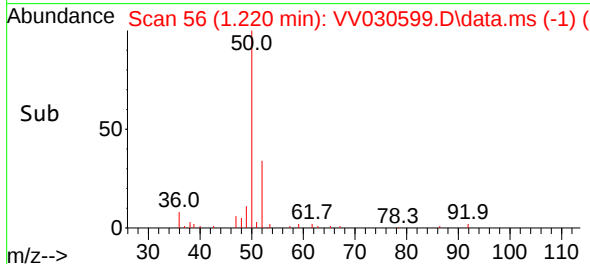
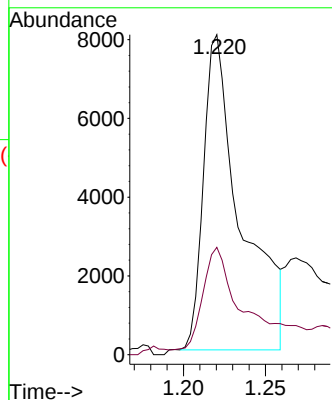
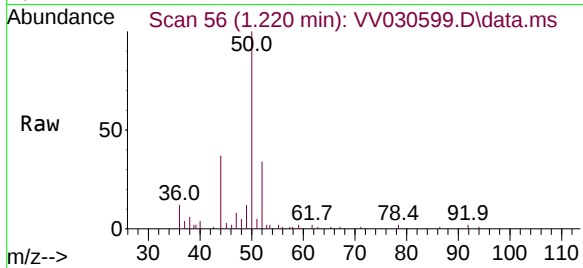




#3
Chloromethane
Concen: 4.584 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030599.D
Acq: 17 Apr 2023 19:25

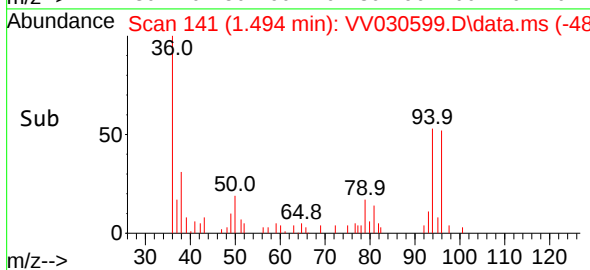
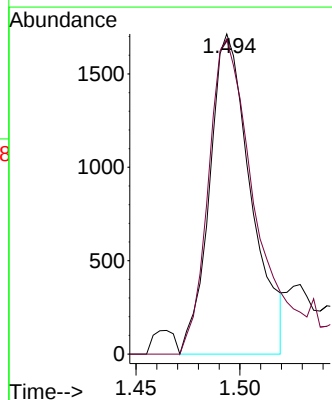
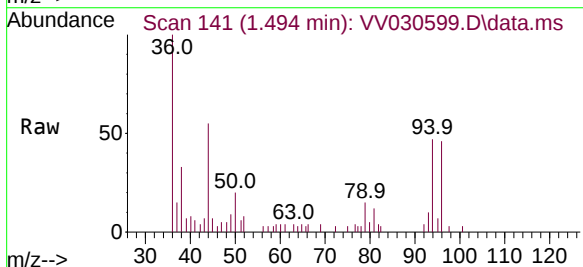
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MSVOA_V
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COAN9

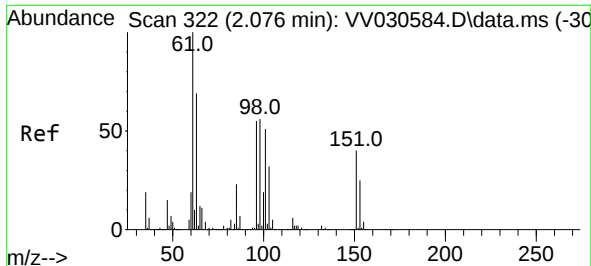
Tgt Ion: 50 Resp: 12697
Ion Ratio Lower Upper
50 100
52 33.5 22.5 41.9



#6
Bromomethane
Concen: 2.674 ug/L
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV030599.D
Acq: 17 Apr 2023 19:25

Tgt Ion: 94 Resp: 2368
Ion Ratio Lower Upper
94 100
96 98.4 66.3 123.1





#12

1,1-Dichloroethene

Concen: 4.504 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030599.D

Acq: 17 Apr 2023 19:25

Instrument :

MSVOA_V

ClientSampleId :

COAN9

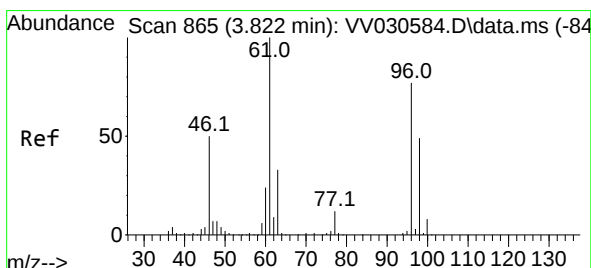
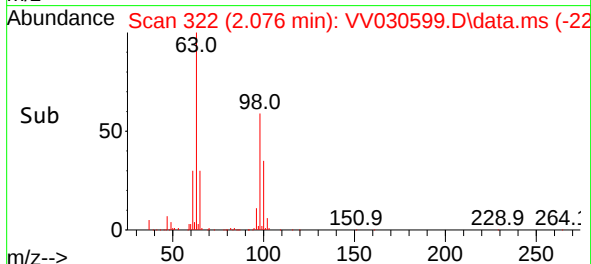
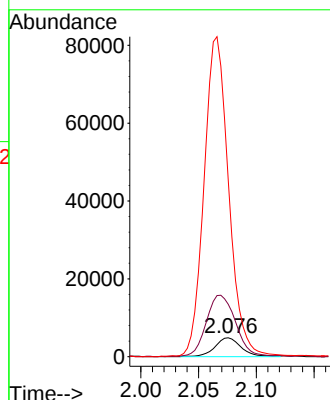
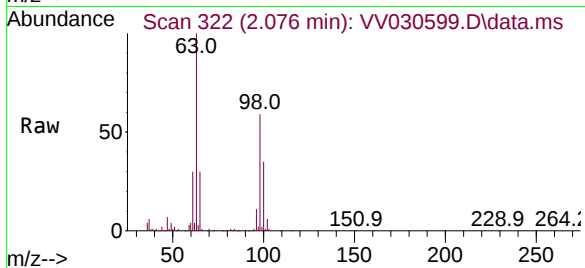
Tgt Ion: 96 Resp: 7744

Ion Ratio Lower Upper

96 100

61 278.0 131.9 245.0#

63 938.2 99.8 185.3#



#20

cis-1,2-Dichloroethene

Concen: 28.689 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV030599.D

Acq: 17 Apr 2023 19:25

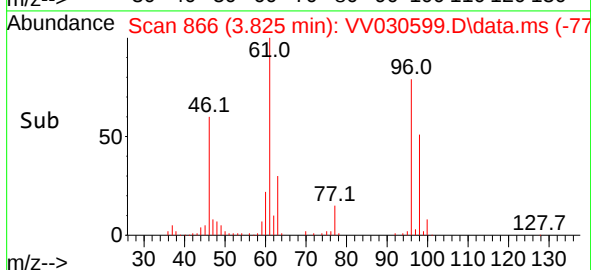
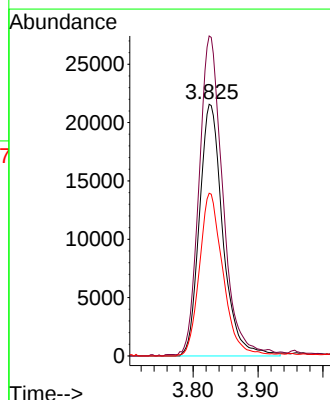
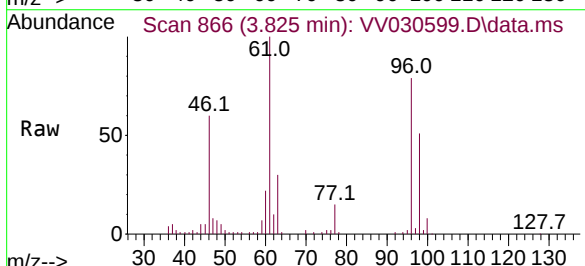
Tgt Ion: 96 Resp: 54173

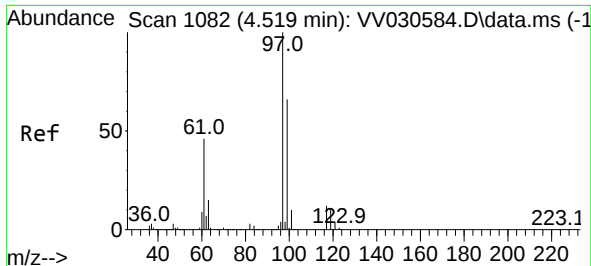
Ion Ratio Lower Upper

96 100

61 127.1 92.3 171.3

98 64.7 45.9 85.3

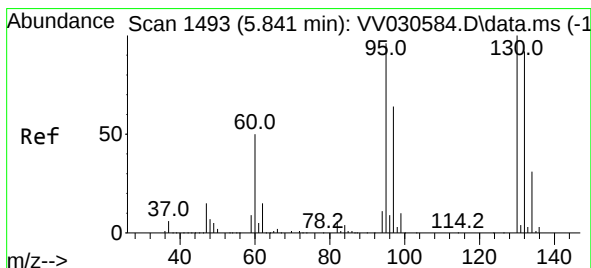
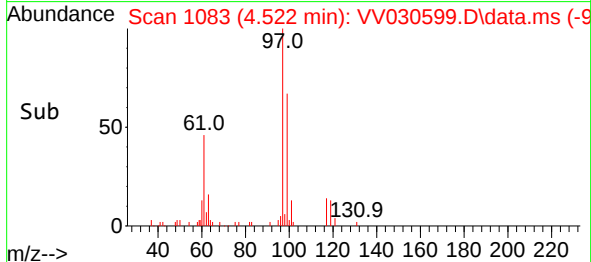
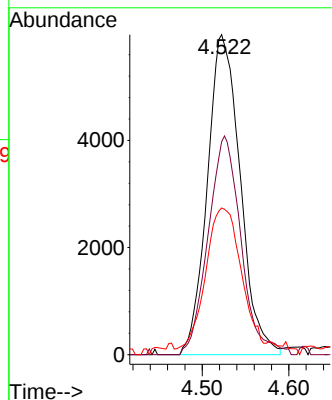
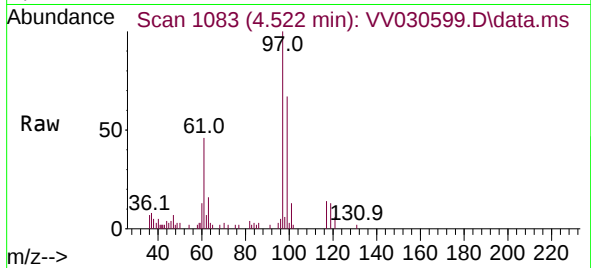




#30
1,1,1-Trichloroethane
Concen: 4.941 ug/L
RT: 4.522 min Scan# 1082
Delta R.T. 0.003 min
Lab File: VV030599.D
Acq: 17 Apr 2023 19:25

Instrument :
MSVOA_V
ClientSampleId :
C0AN9

Tgt Ion: 97 Resp: 15745
Ion Ratio Lower Upper
97 100
99 68.2 51.4 77.0
61 51.3 37.0 55.6



#34
Trichloroethene
Concen: 403.184 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030599.D
Acq: 17 Apr 2023 19:25

Tgt Ion: 95 Resp: 722180
Ion Ratio Lower Upper
95 100
97 64.5 45.8 85.2
132 96.9 70.6 131.2
130 101.7 70.9 131.7

