

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040623\
 Data File : VW030420.D
 Acq On : 06 Apr 2023 16:07
 Operator : SY/MD
 Sample : 02225-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC9

Quant Time: Apr 07 04:51:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

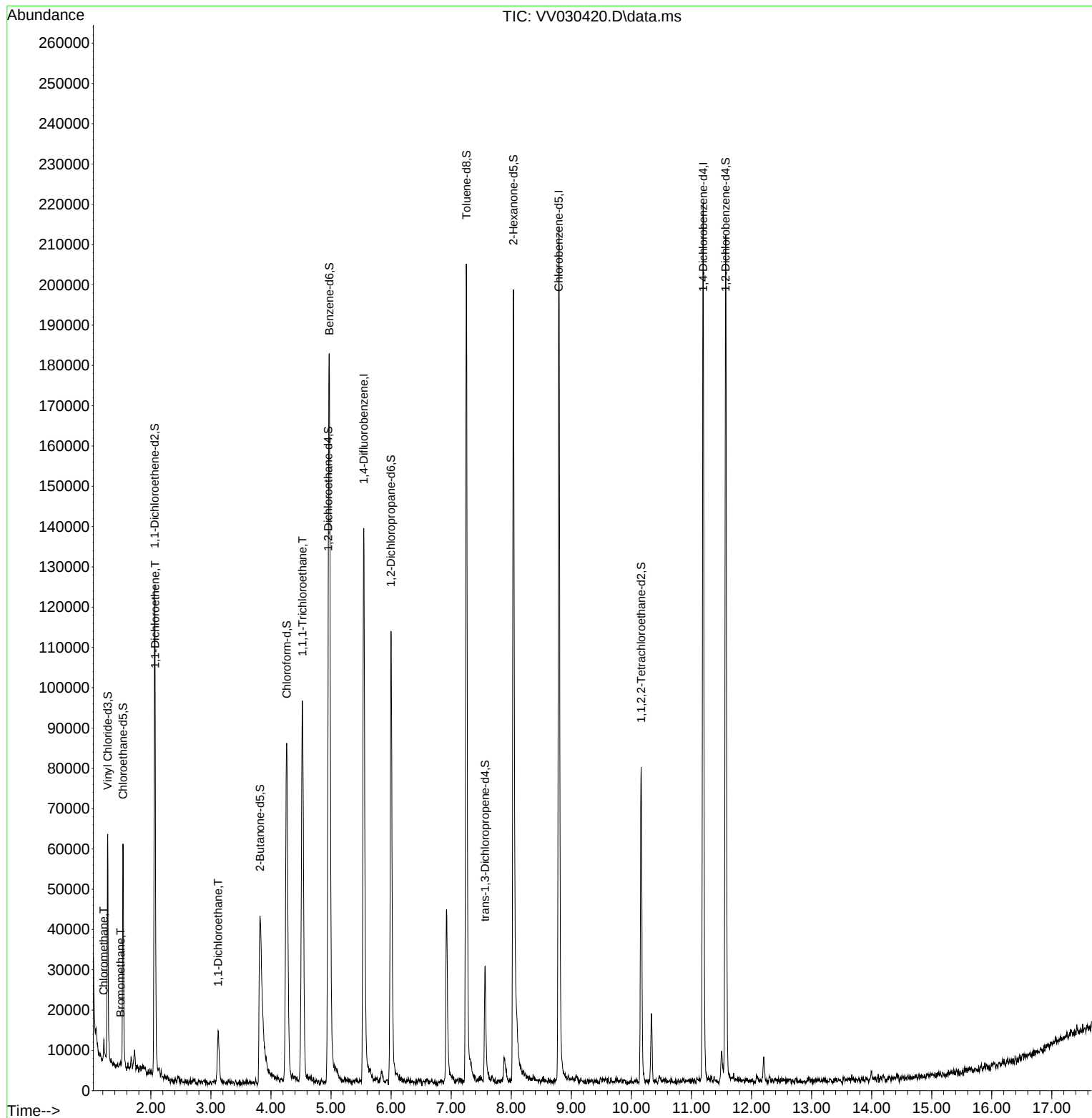
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	118696	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57940	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	35275	4.487	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.536	69	35505	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.063	63	65502	3.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.818	46	92872	45.707	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.420%
24) Chloroform-d	4.262	84	89192	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.953	65	45189	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.973	84	160363	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.998	67	50414	4.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.252	98	138157	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.564	79	16870	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.037	63	69897	44.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.680%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36797	4.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	54506	5.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	3870	0.203	ug/L	96
6) Bromomethane	1.497	94	671	0.169	ug/L	90
12) 1,1-Dichloroethene	2.072	96	3193	0.322	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	12442	0.614	ug/L	94
29) 1,1,1-Trichloroethane	4.523	97	76631	4.037	ug/L	99

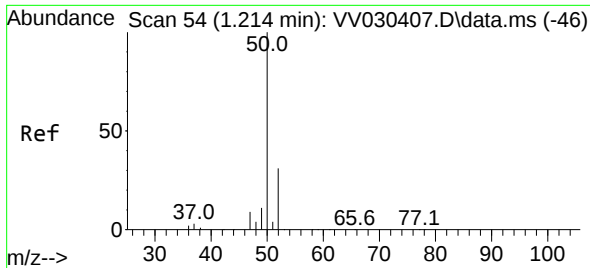
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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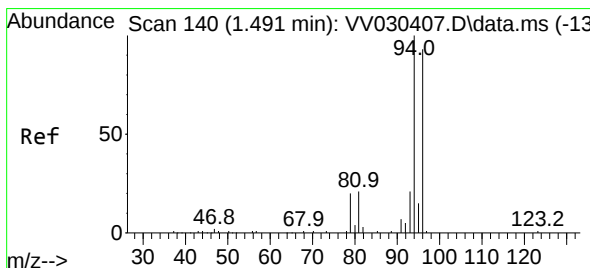
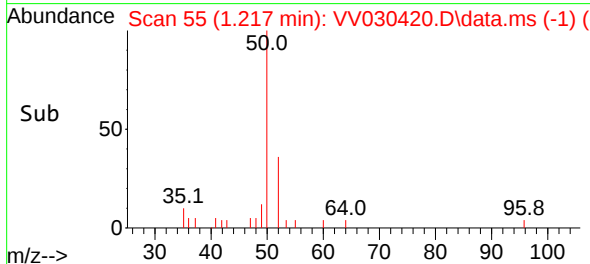
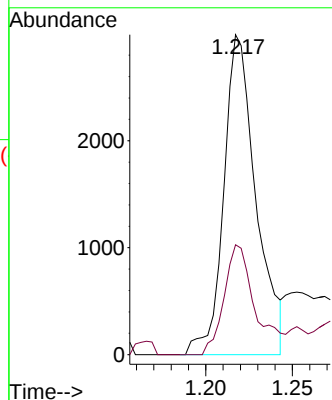
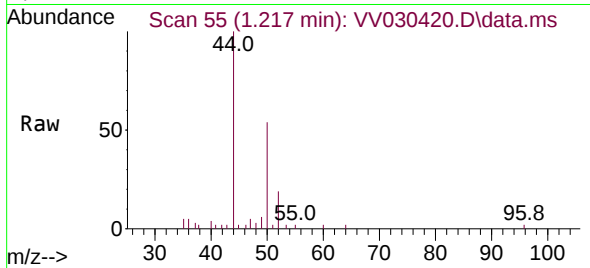




#3
Chloromethane
Concen: 0.203 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030420.D
Acq: 06 Apr 2023 16:07

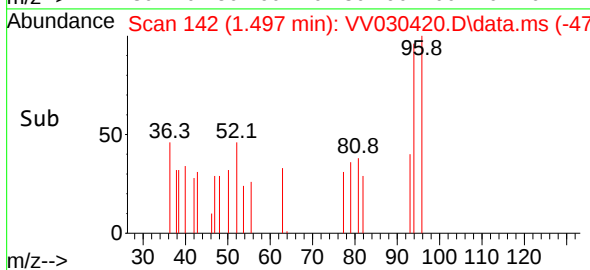
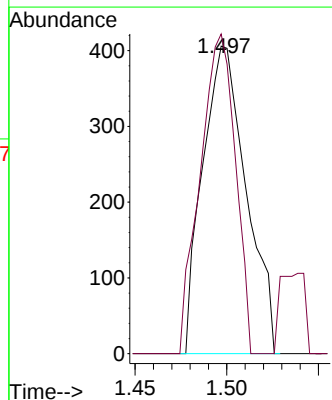
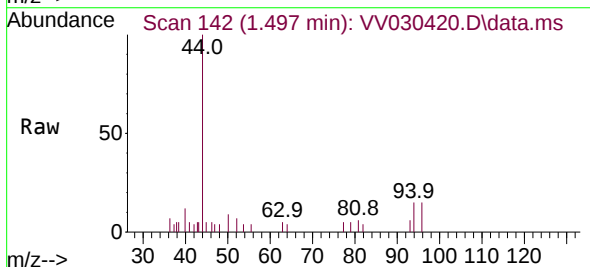
Instrument :
MSVOA_V
ClientSampleId :
C0AC9

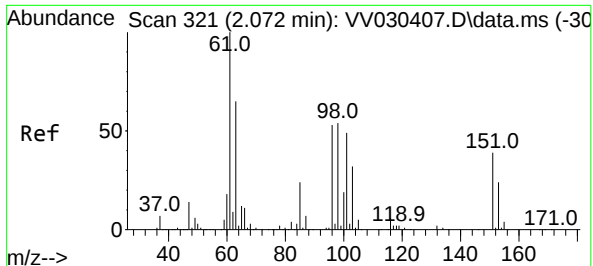
Tgt Ion: 50 Resp: 3870
Ion Ratio Lower Upper
50 100
52 34.3 22.3 41.5



#6
Bromomethane
Concen: 0.169 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030420.D
Acq: 06 Apr 2023 16:07

Tgt Ion: 94 Resp: 671
Ion Ratio Lower Upper
94 100
96 103.9 66.1 122.7





#12

1,1-Dichloroethene

Concen: 0.322 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030420.D

Acq: 06 Apr 2023 16:07

Instrument :

MSVOA_V

ClientSampleId :

C0AC9

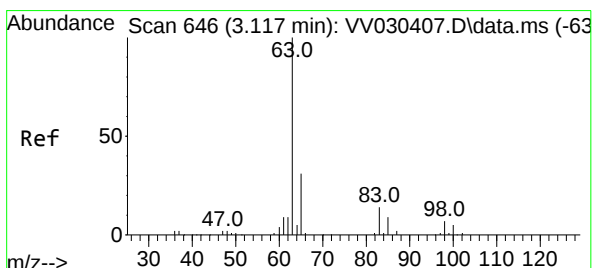
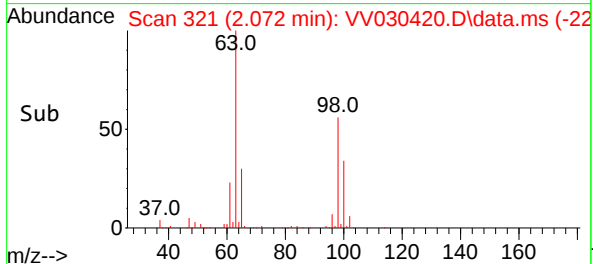
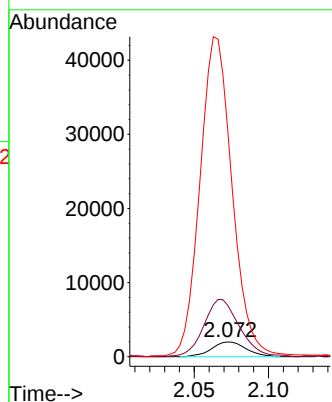
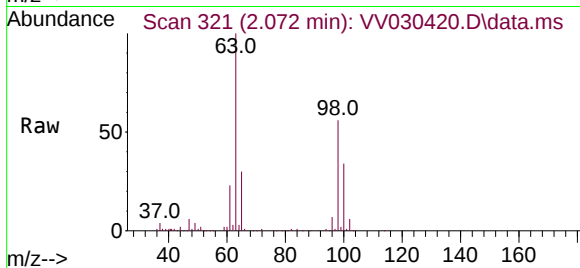
Tgt Ion: 96 Resp: 3193

Ion Ratio Lower Upper

96 100

61 347.2 136.3 253.1#

63 1535.5 92.1 171.1#



#19

1,1-Dichloroethane

Concen: 0.614 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030420.D

Acq: 06 Apr 2023 16:07

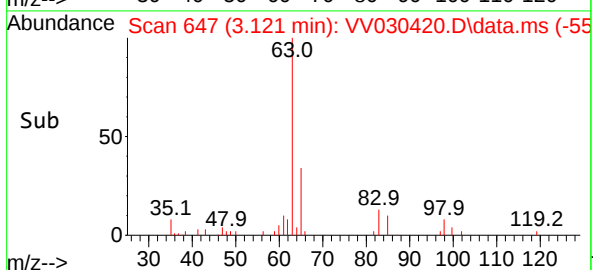
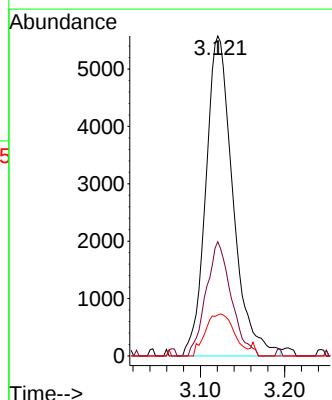
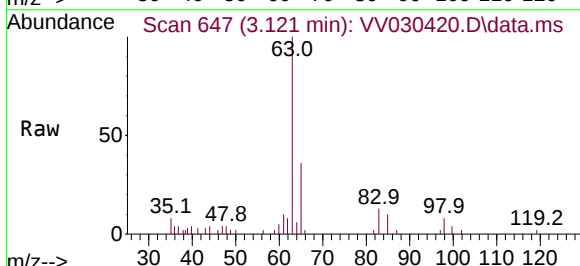
Tgt Ion: 63 Resp: 12442

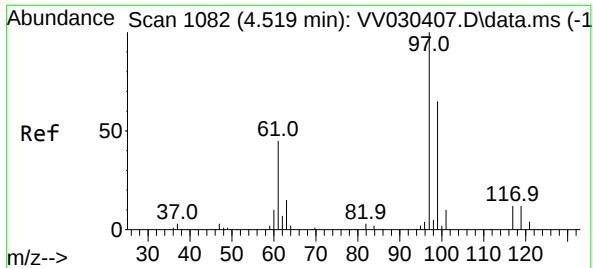
Ion Ratio Lower Upper

63 100

65 35.7 21.7 40.3

83 12.8 9.1 16.9





#29
 1,1,1-Trichloroethane
 Concen: 4.037 ug/L
 RT: 4.523 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VV030420.D
 Acq: 06 Apr 2023 16:07

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC9

Tgt Ion: 97 Resp: 76631

Ion	Ratio	Lower	Upper
97	100		
99	62.5	50.9	76.3
61	45.4	35.9	53.9

