

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022618.D
 Acq On : 06 Oct 2021 13:49
 Operator : SY/MD
 Sample : M4051-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW4

Quant Time: Oct 07 06:17:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

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

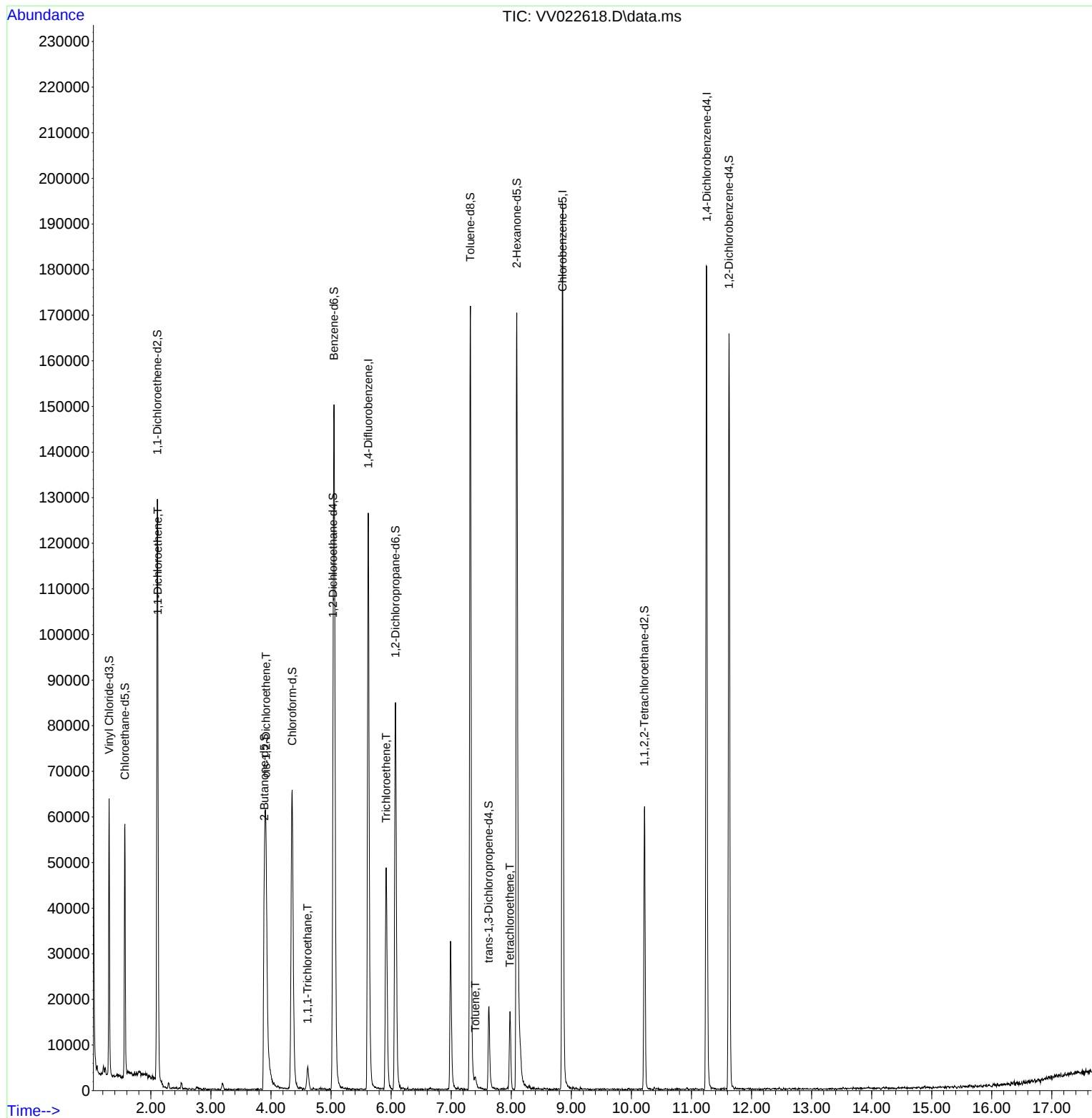
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112703	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	110869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36602	10.136	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	202.800%#
7) Chloroethane-d5	1.568	69	33483	6.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	137.600%#
11) 1,1-Dichloroethene-d2	2.108	63	60460	5.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.400%
20) 2-Butanone-d5	3.889	46	82560	38.678	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.360%
24) Chloroform-d	4.352	84	68937	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.034	65	33298	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.050	84	137164	5.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
36) 1,2-Dichloropropane-d6	6.072	67	41751	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.320	98	116912	5.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
43) trans-1,3-Dichloroprop...	7.625	79	11457	4.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.092	63	55376	38.340	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28523	4.259	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	44931	5.864	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	10578	1.532	ug/L #	1
22) cis-1,2-Dichloroethene	3.915	96	19918	2.440	ug/L	84
29) 1,1,1-Trichloroethane	4.609	97	3522	0.278	ug/L #	85
34) Trichloroethene	5.918	95	16418	1.891	ug/L	98
42) Toluene	7.404	91	2310	0.074	ug/L	100
47) Tetrachloroethene	7.979	164	3996	0.592	ug/L	93

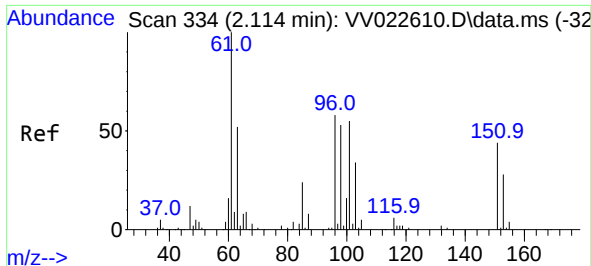
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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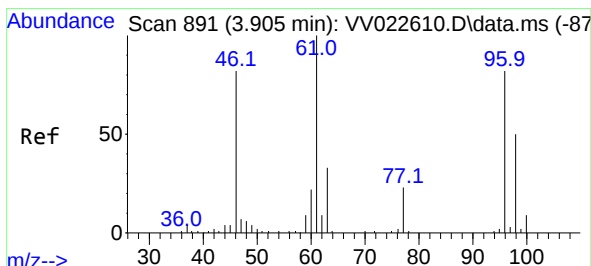
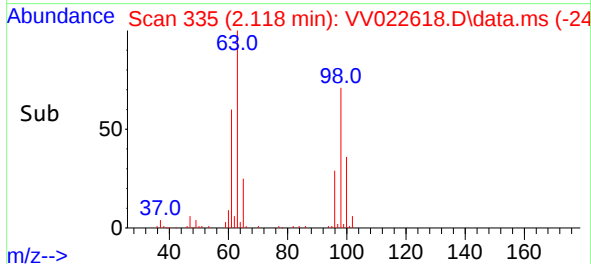
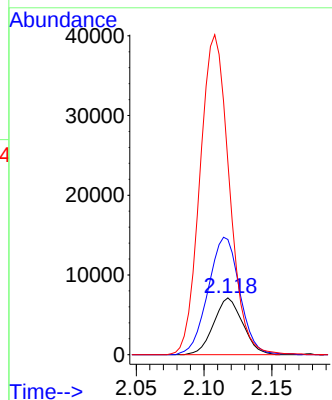
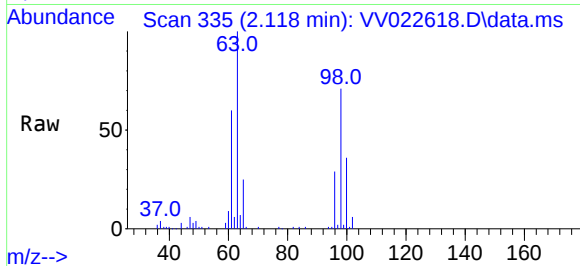




#12
1,1-Dichloroethene
Concen: 1.532 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022618.D
Acq: 06 Oct 2021 13:49

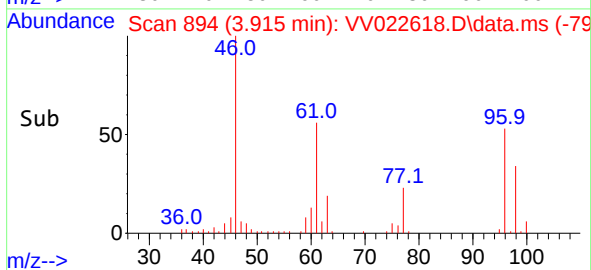
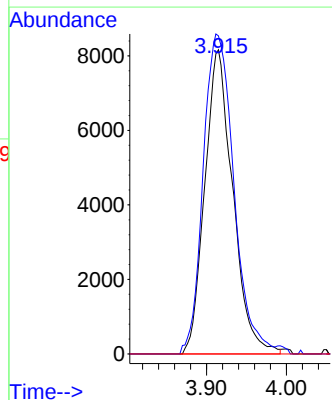
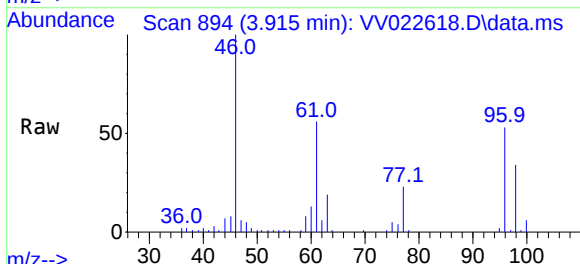
Instrument :
MSVOA_V
ClientSampleId :
C0AW4

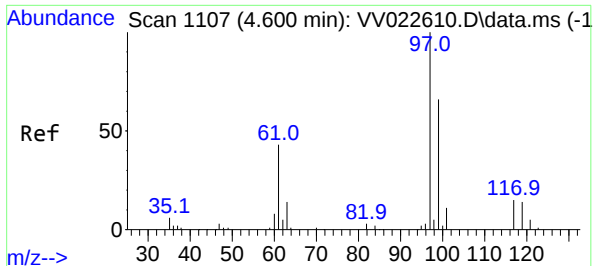
Tgt Ion: 96 Resp: 10578
Ion Ratio Lower Upper
96 100
61 202.6 113.2 210.2
63 339.1 66.6 123.8#



#22
cis-1,2-Dichloroethene
Concen: 2.440 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV022618.D
Acq: 06 Oct 2021 13:49

Tgt Ion: 96 Resp: 19918
Ion Ratio Lower Upper
96 100
61 104.6 85.6 159.0
68 0.0 0.0 0.0



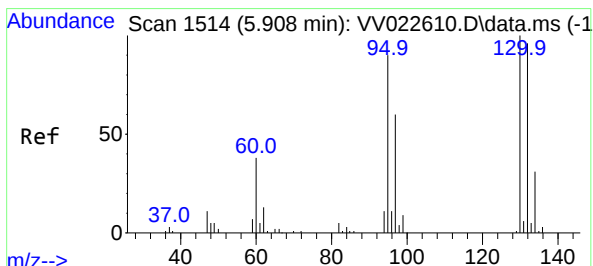
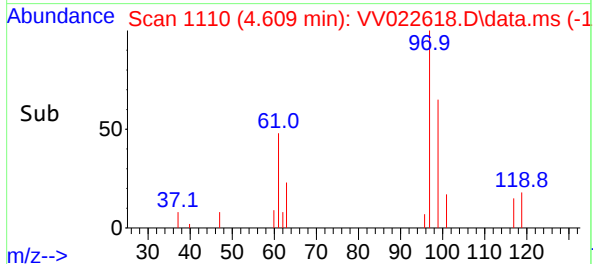
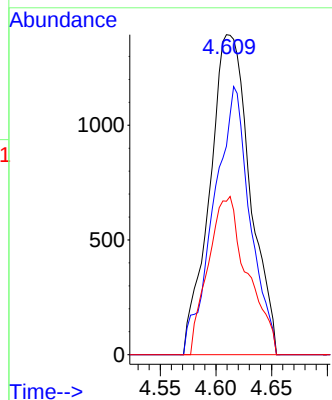
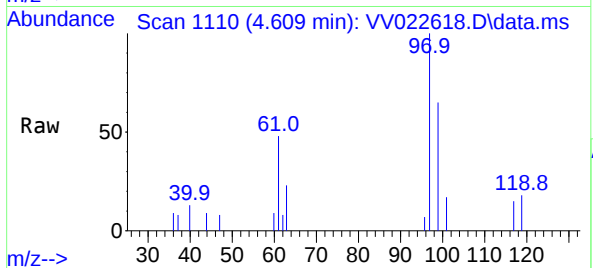


#29

1,1,1-Trichloroethane
Concen: 0.278 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.010 min
Lab File: VV022618.D
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C0AW4

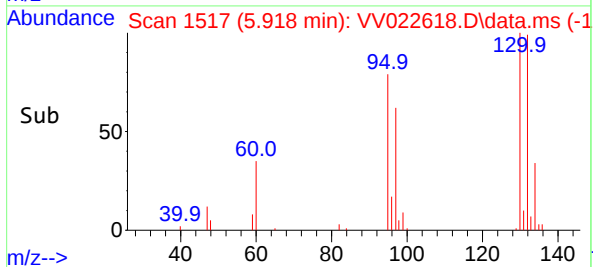
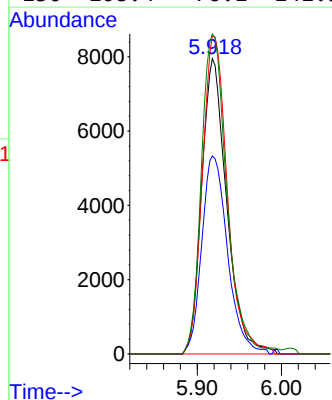
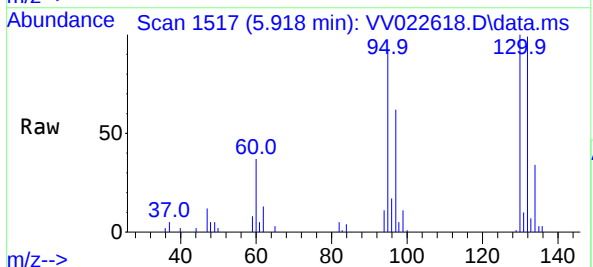
Tgt Ion: 97 Resp: 3522
Ion Ratio Lower Upper
97 100
99 75.0 49.8 74.6#
61 48.0 32.5 48.7

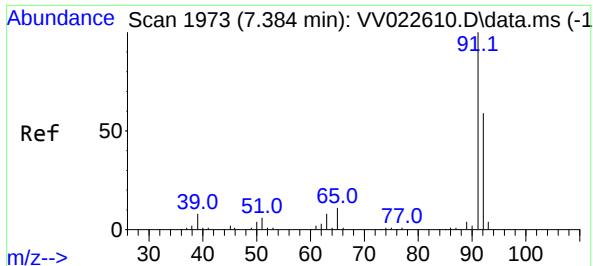


#34

Trichloroethene
Concen: 1.891 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022618.D
Acq: 06 Oct 2021 13:49

Tgt Ion: 95 Resp: 16418
Ion Ratio Lower Upper
95 100
97 67.1 46.5 86.5
132 107.8 73.0 135.6
130 108.4 76.1 141.3

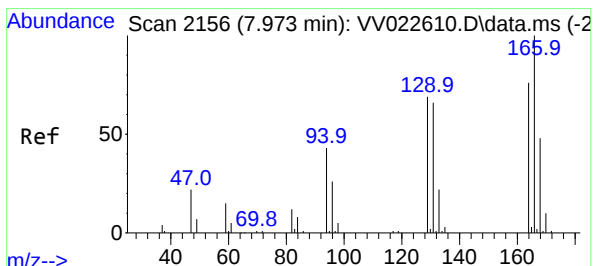
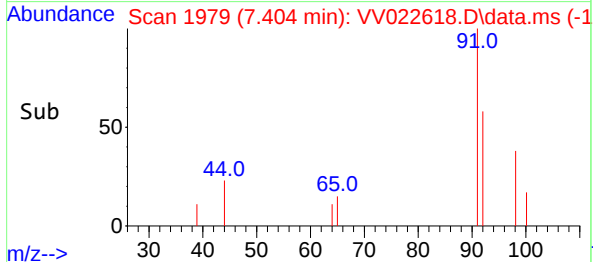
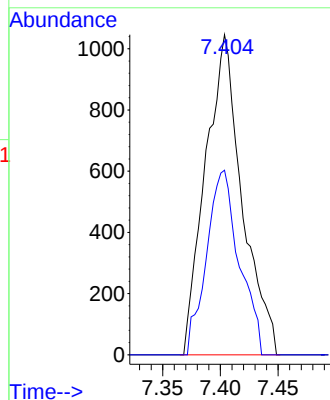
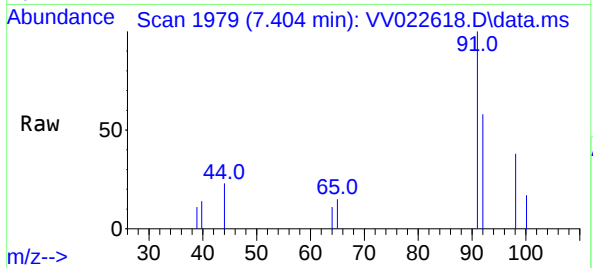




#42
Toluene
Concen: 0.074 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.019 min
Lab File: VV022618.D
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Tgt Ion: 91 Resp: 2310
Ion Ratio Lower Upper
91 100
92 57.6 40.5 75.3



#47
Tetrachloroethene
Concen: 0.592 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022618.D
Acq: 06 Oct 2021 13:49

Tgt Ion: 164 Resp: 3996
Ion Ratio Lower Upper
164 100
129 110.7 65.5 121.6
131 87.9 62.4 116.0
166 126.8 91.1 169.3

