

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022623.D
 Acq On : 06 Oct 2021 15:49
 Operator : SY/MD
 Sample : M4051-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT1

Quant Time: Oct 07 06:18:10 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)

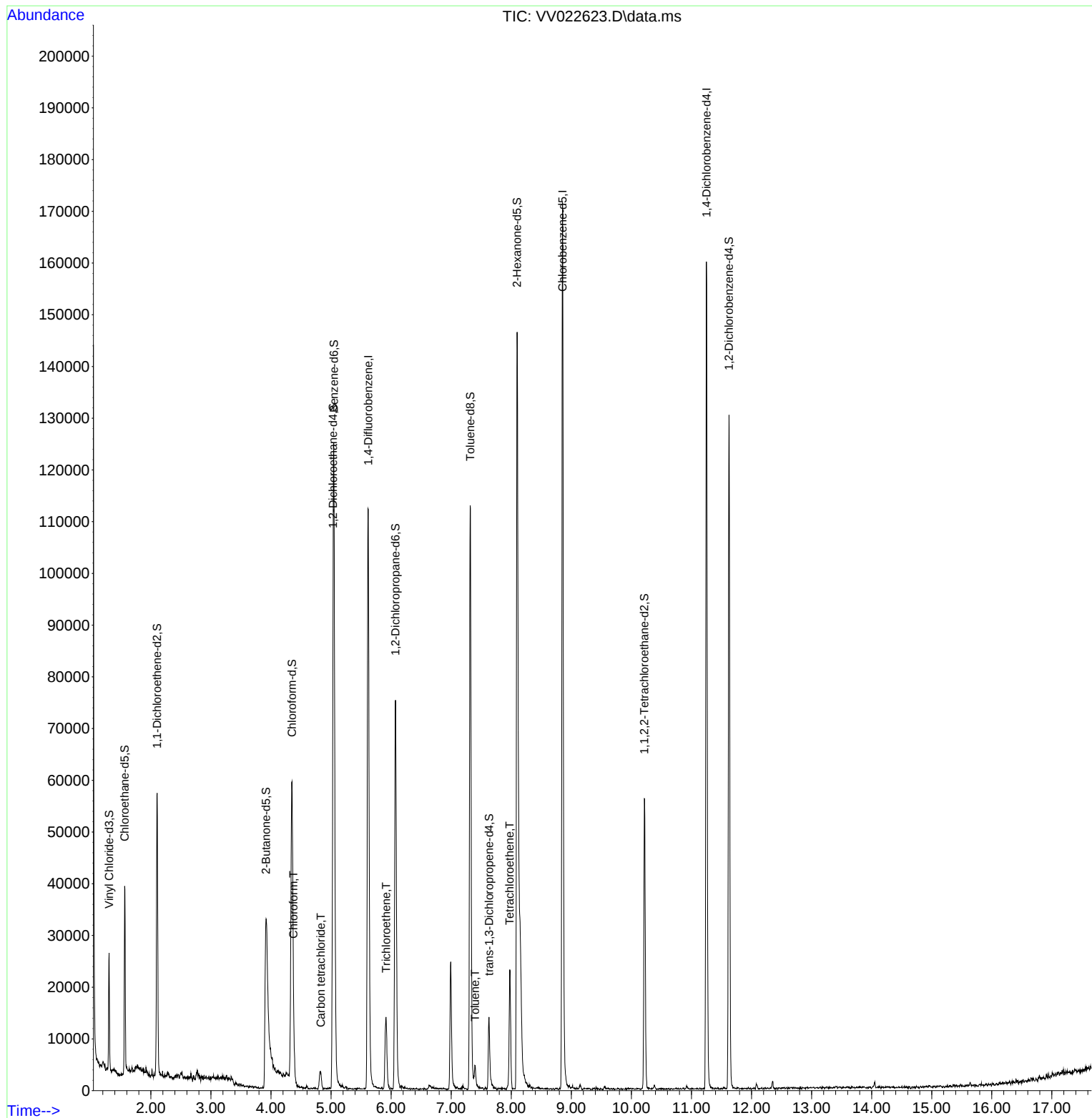
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100660	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	43363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13687	4.244	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.565	69	22068	5.076	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.600%	
11) 1,1-Dichloroethene-d2	2.105	63	27818	2.973	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.400%#	
20) 2-Butanone-d5	3.918	46	71611	37.563	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.120%	
24) Chloroform-d	4.349	84	59457	4.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.034	65	29552	5.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.047	84	101307	4.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.072	67	37138	4.675	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.317	98	77306	4.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
43) trans-1,3-Dichloroprop...	7.632	79	8508	4.047	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.098	63	59127	45.426	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.860%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27223	4.510	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	35430	5.282	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
25) Chloroform	4.375	83	4755	0.361	ug/L	86
31) Carbon tetrachloride	4.828	117	2784	0.275	ug/L	100
34) Trichloroethene	5.915	95	4394	0.562	ug/L	83
42) Toluene	7.400	91	3236	0.114	ug/L	82
47) Tetrachloroethene	7.976	164	5602	0.921	ug/L	93

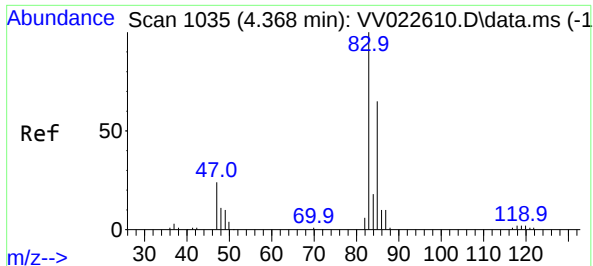
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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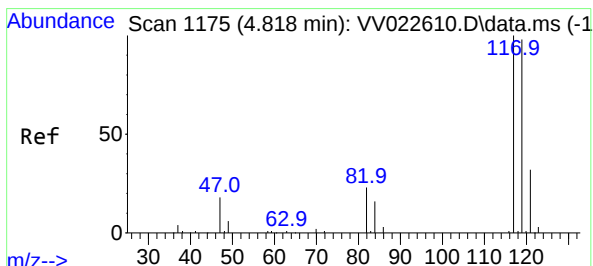
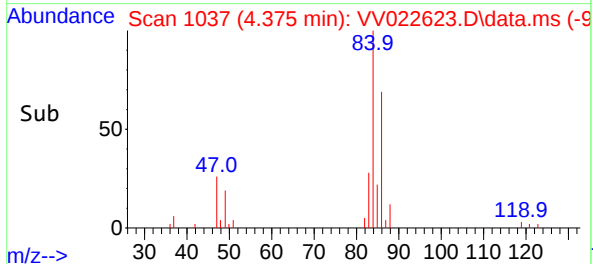
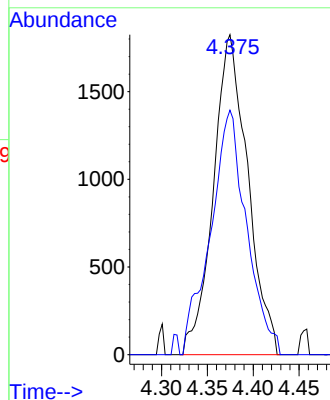
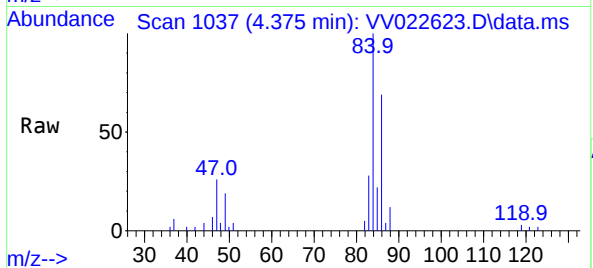


#25

Chloroform
Concen: 0.361 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV022623.D
Acq: 06 Oct 2021 15:49

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MSVOA_V
ClientSampled :
C0AT1

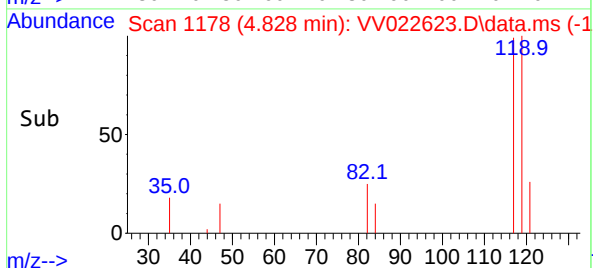
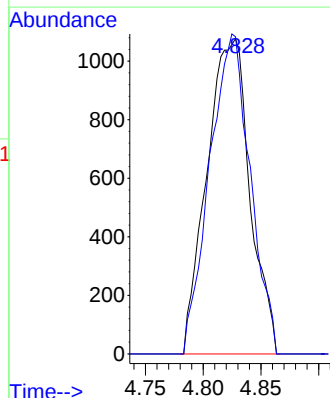
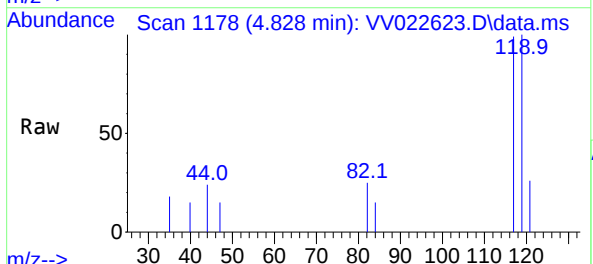
Tgt Ion: 83 Resp: 4755
Ion Ratio Lower Upper
83 100
85 76.4 45.6 84.8

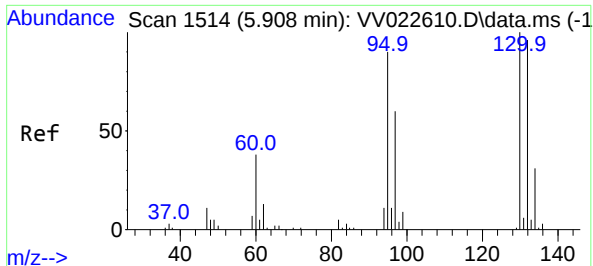


#31

Carbon tetrachloride
Concen: 0.275 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022623.D
Acq: 06 Oct 2021 15:49

Tgt Ion: 117 Resp: 2784
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3





#34

Trichloroethene

Concen: 0.562 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV022623.D

Acq: 06 Oct 2021 15:49

Tgt Ion: 95 Resp: 4394

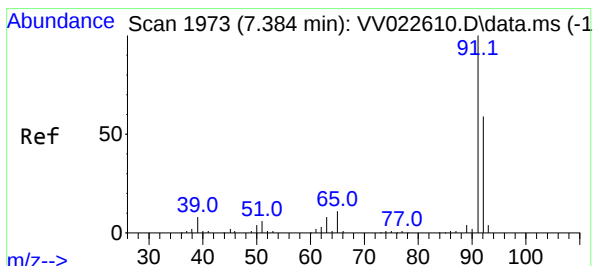
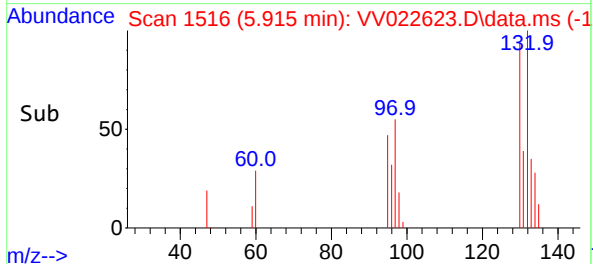
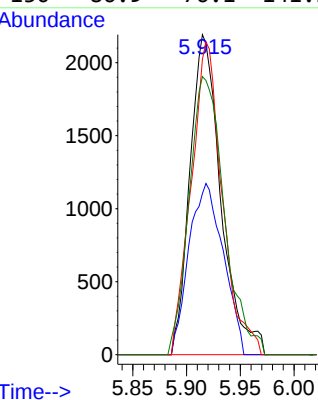
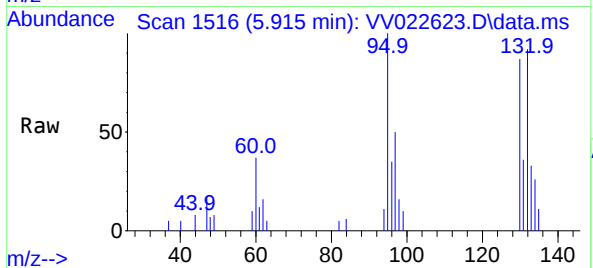
Ion Ratio Lower Upper

95 100

97 50.4 46.5 86.5

132 92.3 73.0 135.6

130 86.9 76.1 141.3



#42

Toluene

Concen: 0.114 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV022623.D

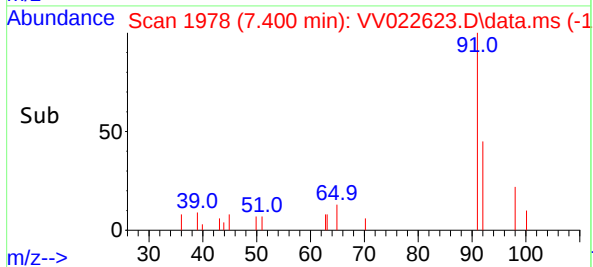
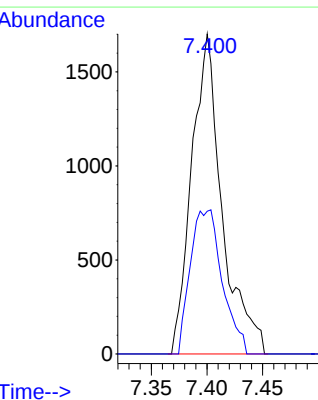
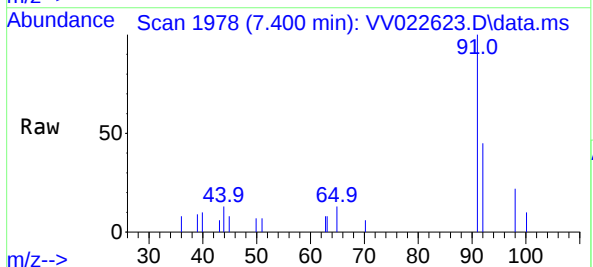
Acq: 06 Oct 2021 15:49

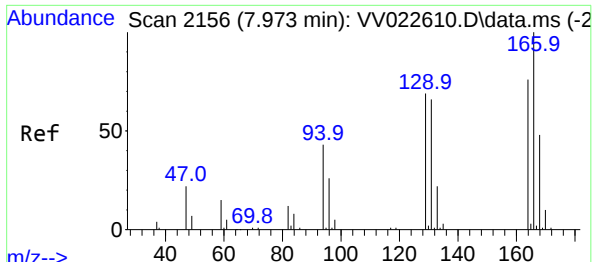
Tgt Ion: 91 Resp: 3236

Ion Ratio Lower Upper

91 100

92 44.6 40.5 75.3





#47
Tetrachloroethene
Concen: 0.921 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022623.D
Acq: 06 Oct 2021 15:49

Instrument :
MSVOA_V
ClientSampleId :
C0AT1

Tgt Ion:164 Resp: 5602

Ion	Ratio	Lower	Upper
164	100		
129	81.4	65.5	121.6
131	82.0	62.4	116.0
166	126.1	91.1	169.3

