

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022765.D
 Acq On : 13 Oct 2021 16:38
 Operator : SY/MD
 Sample : M4109-13DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YATJ9DL

Quant Time: Oct 14 02:15:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

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

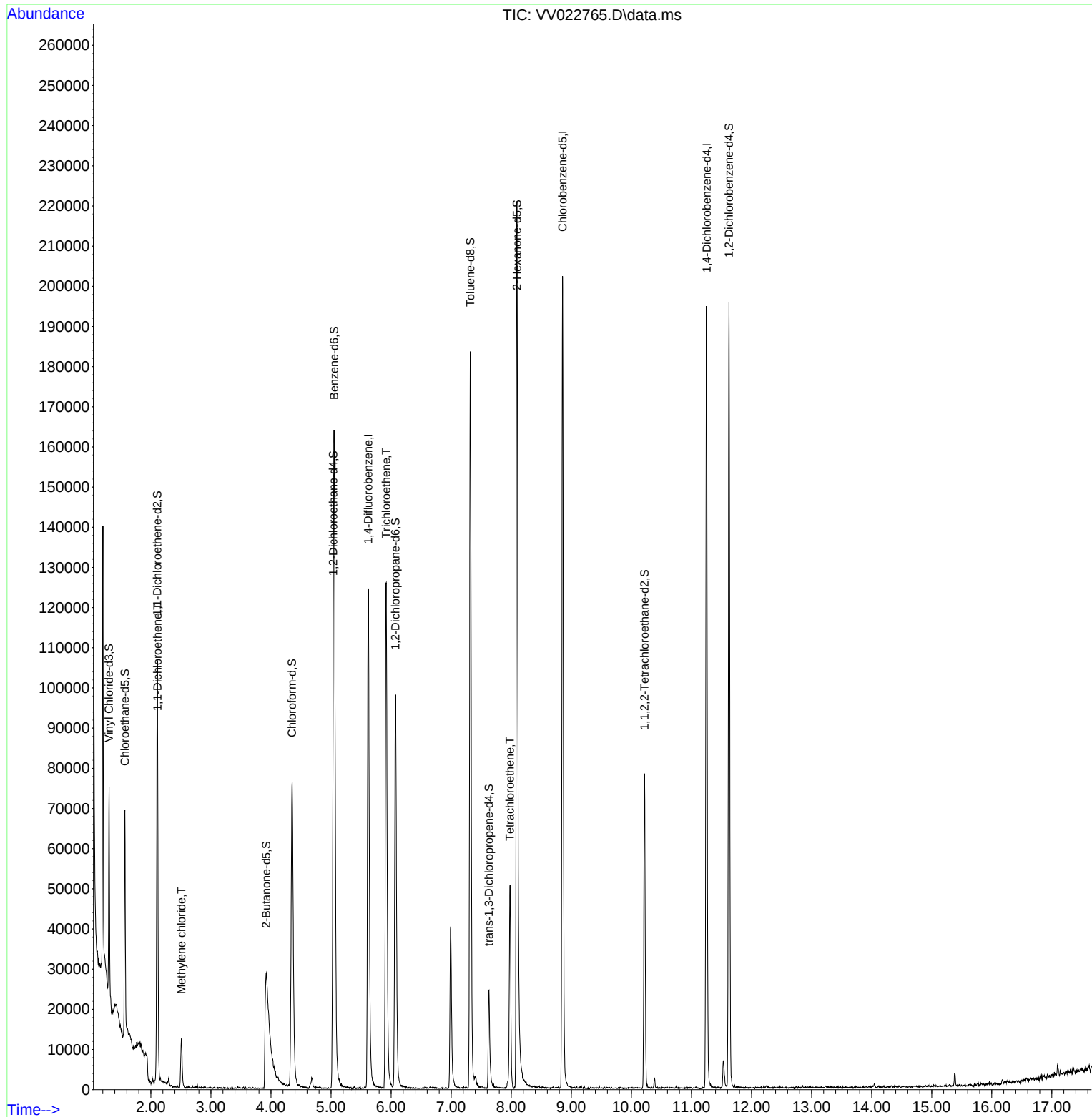
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115249	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34241	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	34676	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.108	63	53677	3.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.921	46	94043	46.524	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.040%
24) Chloroform-d	4.352	84	80388	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.037	65	37503	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.053	84	147401	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.072	67	49039	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.320	98	124060	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.628	79	15056	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.095	63	83014	61.116	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.240%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37610	5.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	52396	5.145	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1003	0.148	ug/L	# 1
16) Methylene chloride	2.510	84	4976	0.534	ug/L	91
34) Trichloroethene	5.918	95	45213	5.357	ug/L	99
47) Tetrachloroethene	7.979	164	11652	1.707	ug/L	97

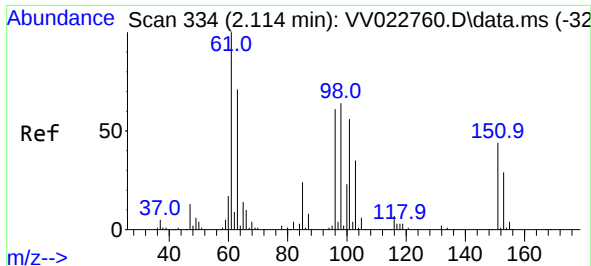
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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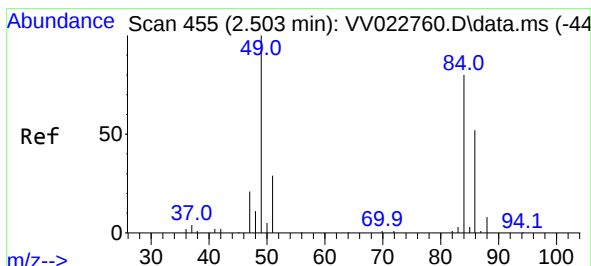
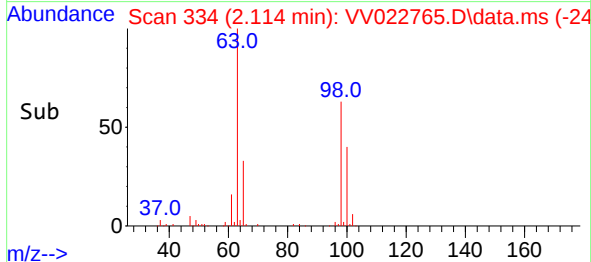
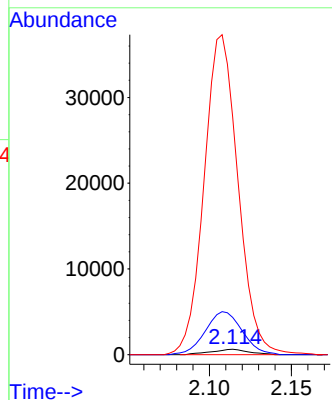
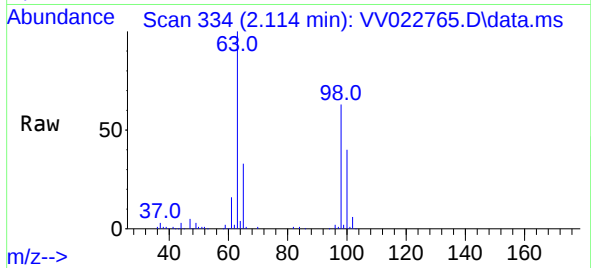




#12
1,1-Dichloroethene
Concen: 0.148 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

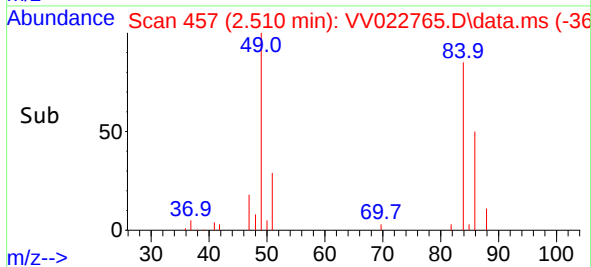
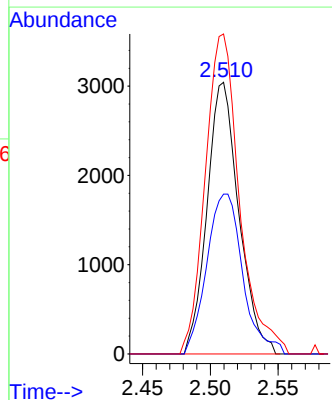
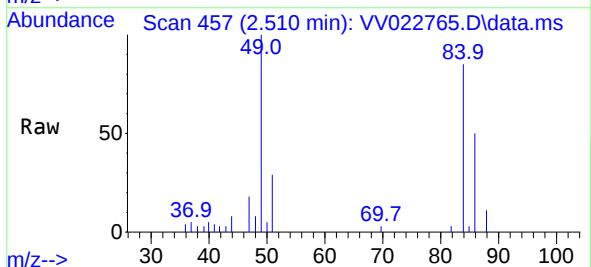
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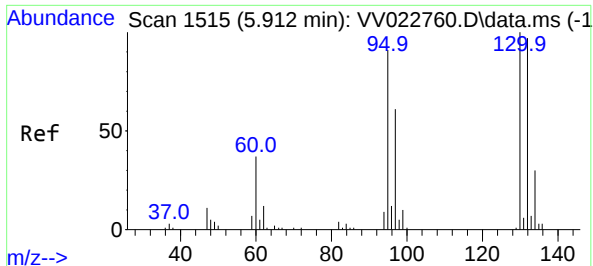
Tgt Ion: 96 Resp: 1003
Ion Ratio Lower Upper
96 100
61 675.6 127.3 236.5#
63 4304.3 106.2 197.2#



#16
Methylene chloride
Concen: 0.534 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

Tgt Ion: 84 Resp: 4976
Ion Ratio Lower Upper
84 100
86 58.9 45.8 85.2
49 117.8 90.3 167.7



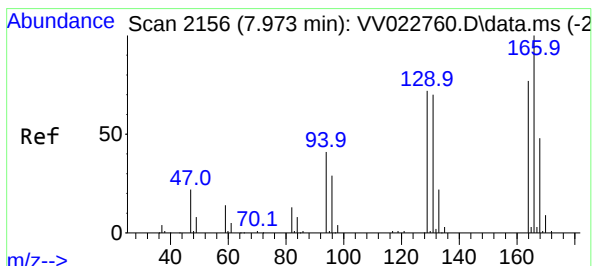
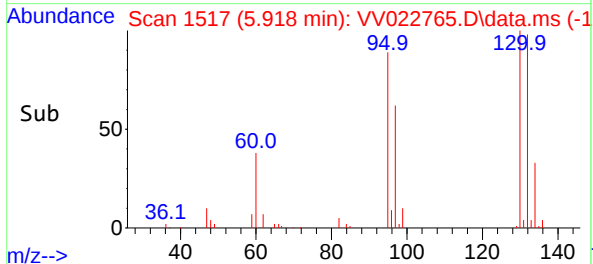
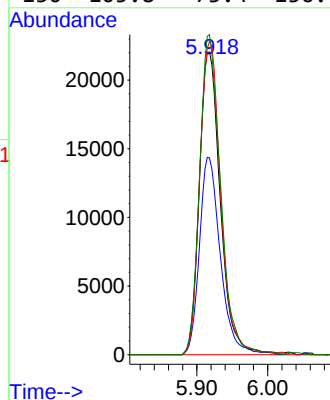
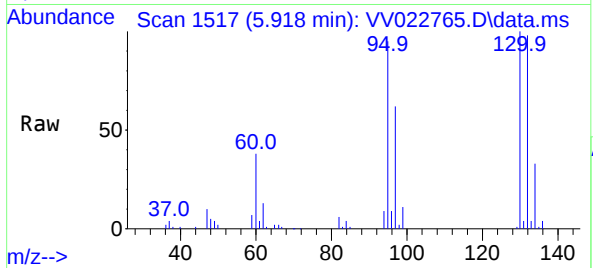


#34
Trichloroethene
Concen: 5.357 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022765.D
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Instrument :
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Tgt Ion: 95 Resp: 45213

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.8	85.2
132	103.6	72.2	134.0
130	105.8	73.4	136.4



#47
Tetrachloroethene
Concen: 1.707 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

Tgt Ion: 164 Resp: 11652

Ion	Ratio	Lower	Upper
164	100		
129	90.3	65.0	120.6
131	92.7	62.2	115.4
166	131.2	89.2	165.8

