

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092121\
 Data File : VV022269.D
 Acq On : 21 Sep 2021 12:21
 Operator : SY/MD
 Sample : M3778-02DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E4586DL

Quant Time: Sep 22 01:13:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 22 01:12:58 2021
 Response via : Initial Calibration

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

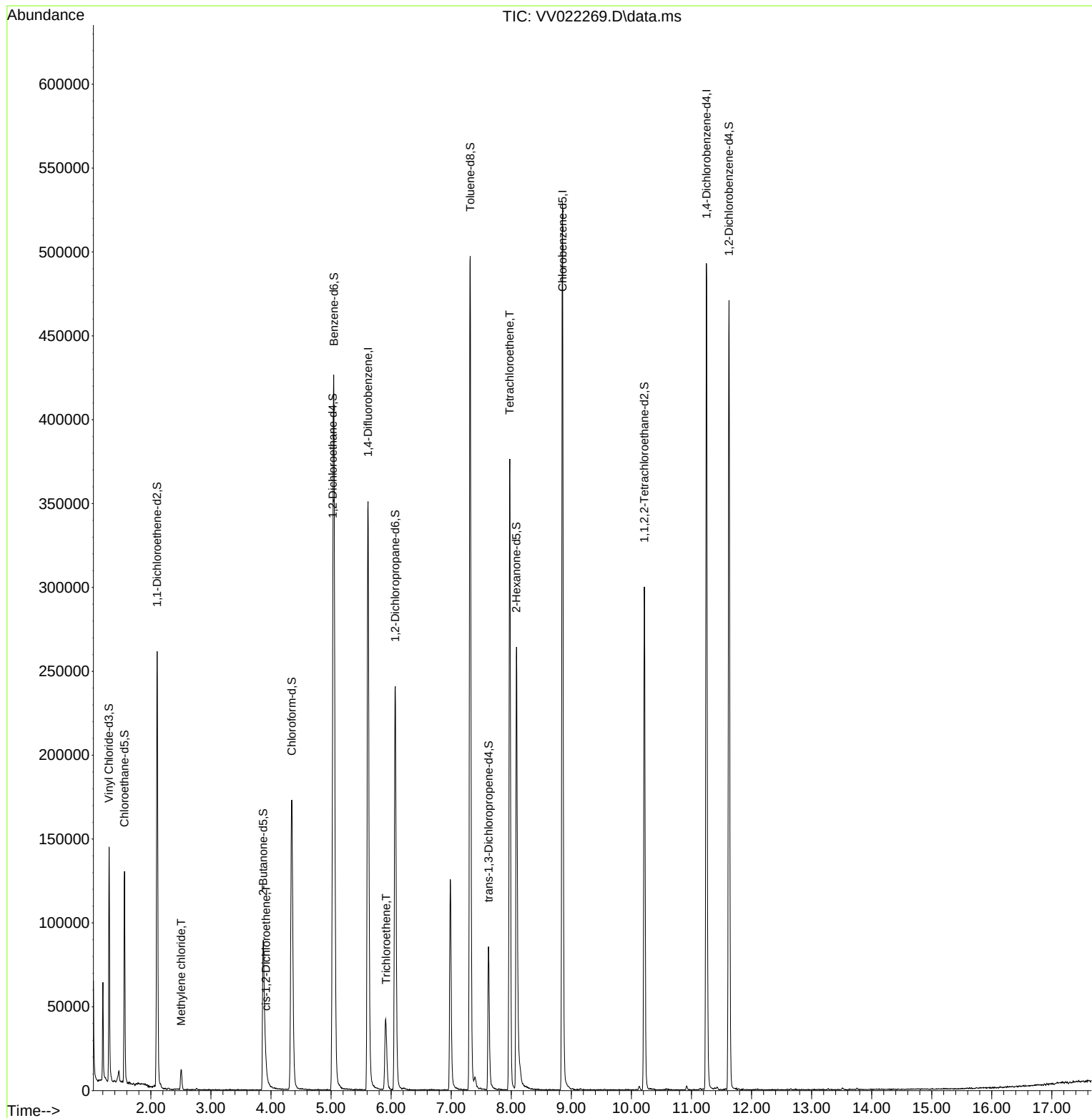
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	316699	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	300253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135313	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92053	41.972	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.940%		
7) Chloroethane-d5	1.561	69	78627	45.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.820%		
11) 1,1-Dichloroethene-d2	2.105	63	134090	36.969	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.940%		
21) 2-Butanone-d5	3.870	46	138391	92.008	ug/L	-0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.010%		
24) Chloroform-d	4.346	84	184647	46.173	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.340%		
26) 1,2-Dichloroethane-d4	5.031	65	115096	48.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.720%		
32) Benzene-d6	5.047	84	377034	46.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.600%		
36) 1,2-Dichloropropane-d6	6.069	67	120841	47.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.360%		
41) Toluene-d8	7.317	98	332868	43.299	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.600%		
43) trans-1,3-Dichloroprop...	7.622	79	49922	40.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.900%		
47) 2-Hexanone-d5	8.085	63	87460	88.999	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.000%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	144143	43.945	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.880%		
66) 1,2-Dichlorobenzene-d4	11.625	152	125885	47.323	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.640%		
Target Compounds						Qvalue
16) Methylene chloride	2.507	84	5139	2.100	ug/L	94
20) cis-1,2-Dichloroethene	3.915	96	2615	1.064	ug/L	96
34) Trichloroethene	5.918	95	9368	3.786	ug/L	97
46) Tetrachloroethene	7.976	164	85196	44.280	ug/L	97

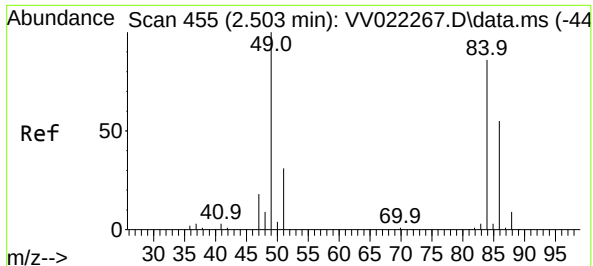
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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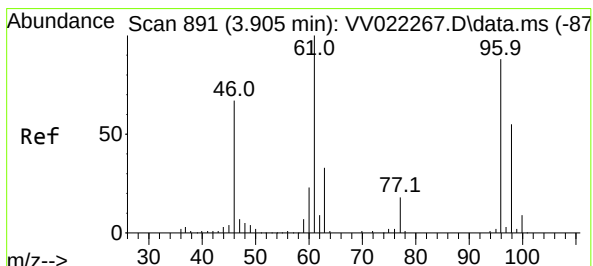
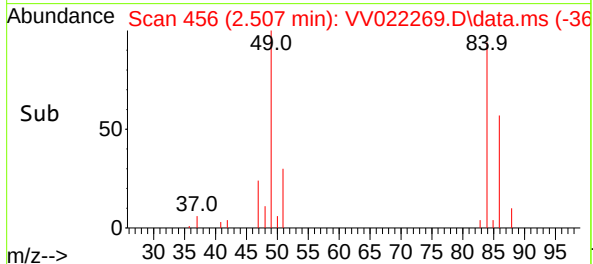
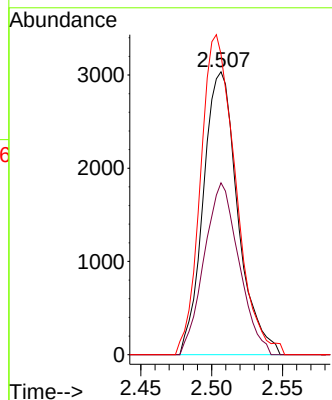
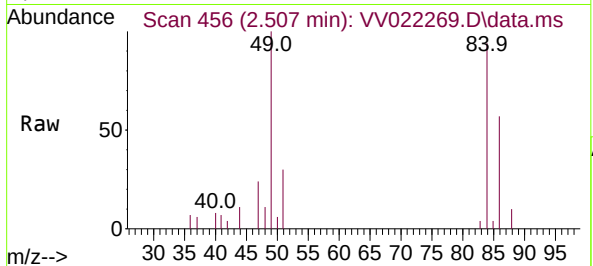




#16
Methylene chloride
Concen: 2.100 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022269.D
Acq: 21 Sep 2021 12:21

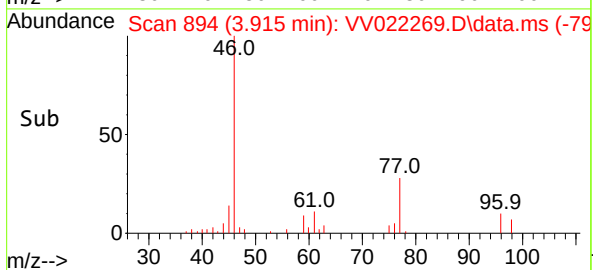
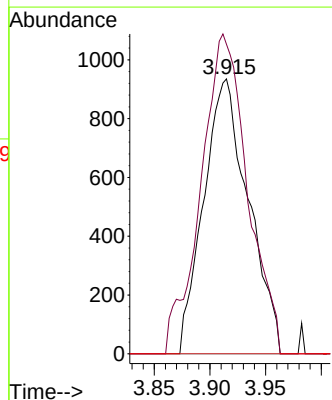
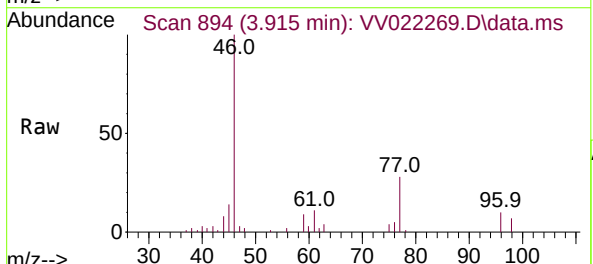
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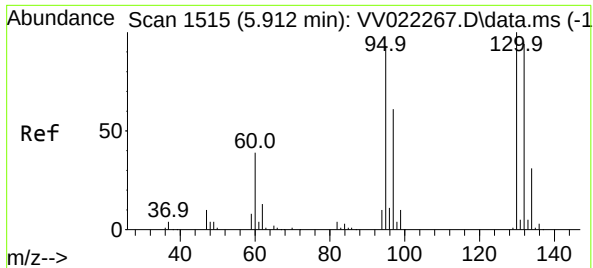
Tgt Ion:	84	Resp:	5139
Ion	Ratio	Lower	Upper
84	100		
86	60.8	44.8	83.2
49	106.2	80.2	149.0



#20
cis-1,2-Dichloroethene
Concen: 1.064 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV022269.D
Acq: 21 Sep 2021 12:21

Tgt Ion:	96	Resp:	2615
Ion	Ratio	Lower	Upper
96	100		
61	112.6	81.8	152.0
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 3.786 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV022269.D

Acq: 21 Sep 2021 12:21

Tgt Ion: 95 Resp: 9368

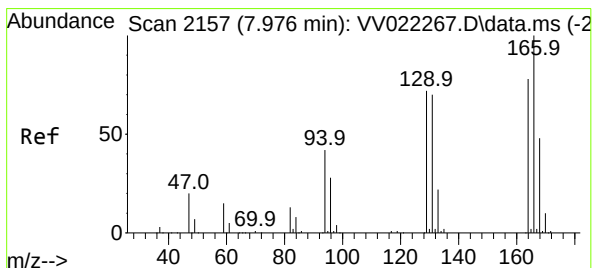
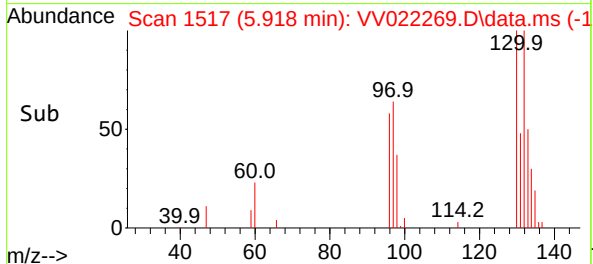
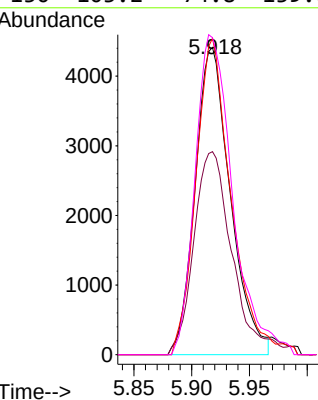
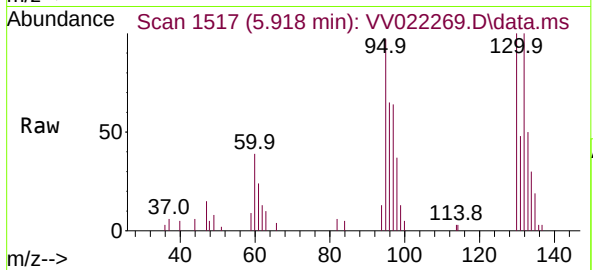
Ion Ratio Lower Upper

95 100

97 66.1 44.1 81.9

132 103.0 70.7 131.3

130 103.2 74.8 139.0



#46

Tetrachloroethene

Concen: 44.280 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV022269.D

Acq: 21 Sep 2021 12:21

Tgt Ion: 164 Resp: 85196

Ion Ratio Lower Upper

164 100

129 92.2 62.9 116.9

131 88.5 61.0 113.4

166 124.3 90.6 168.3

