

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021337.D
 Acq On : 11 Dec 2021 19:19
 Operator : SY/VA
 Sample : M5062-16
 Misc : 7.36g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL16

Quant Time: Dec 12 08:09:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

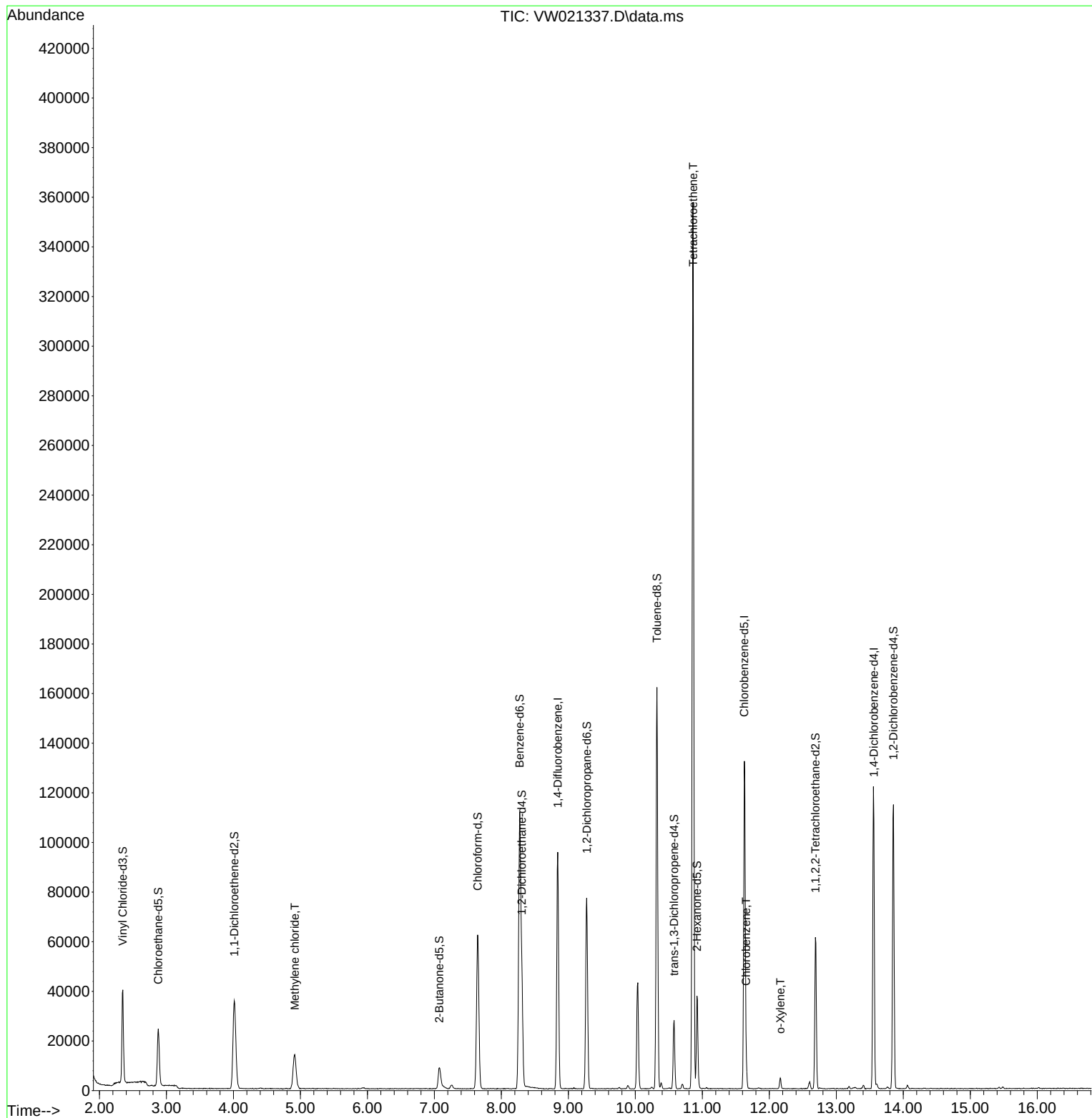
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	79381	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	72391	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	33690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35501	24.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.240%
7) Chloroethane-d5	2.879	69	26857	28.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.400%
11) 1,1-Dichloroethene-d2	4.013	63	32997	17.120	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.480%
21) 2-Butanone-d5	7.073	46	14905	73.138	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.280%#
24) Chloroform-d	7.646	84	61816	27.944	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.760%
26) 1,2-Dichloroethane-d4	8.305	65	33285	28.286	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.160%
32) Benzene-d6	8.274	84	111601	28.125	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.520%
36) 1,2-Dichloropropane-d6	9.274	67	32864	30.882	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.520%#
41) Toluene-d8	10.323	98	104113	25.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.720%
43) trans-1,3-Dichloroprop...	10.579	79	14676	29.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.800%
47) 2-Hexanone-d5	10.920	63	12324	78.316	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.640%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28576	31.237	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.960%#
66) 1,2-Dichlorobenzene-d4	13.853	152	30219	23.144	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.560%
Target Compounds						Qvalue
16) Methylene chloride	4.915	84	11502	8.769	ug/L	77
46) Tetrachloroethene	10.865	164	75748	72.030	ug/L	93
51) Chlorobenzene	11.652	112	4165	1.349	ug/L	91
54) o-Xylene	12.164	106	1293	0.641	ug/L	70

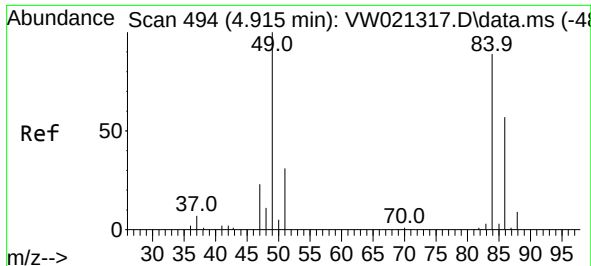
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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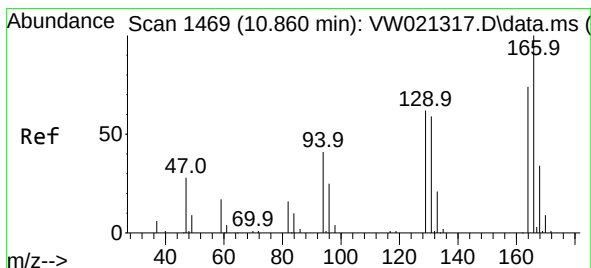
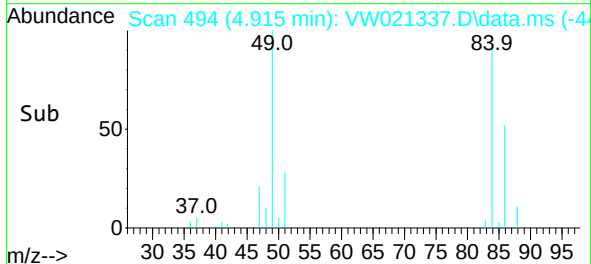
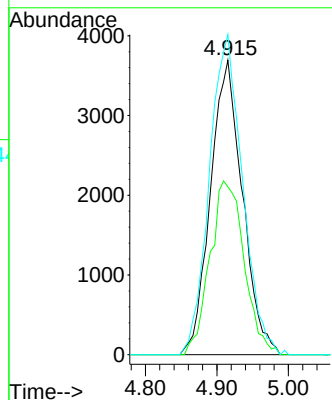
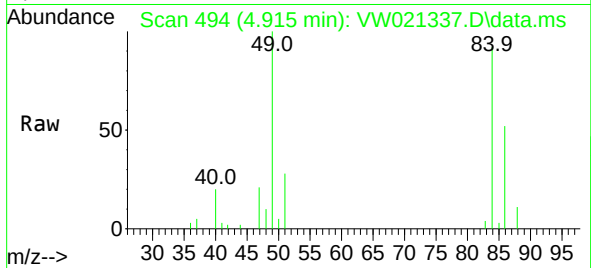




#16
Methylene chloride
Concen: 8.769 ug/L
RT: 4.915 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19

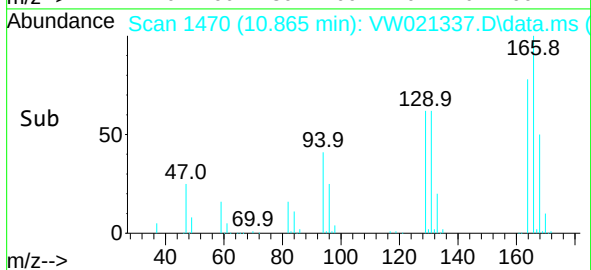
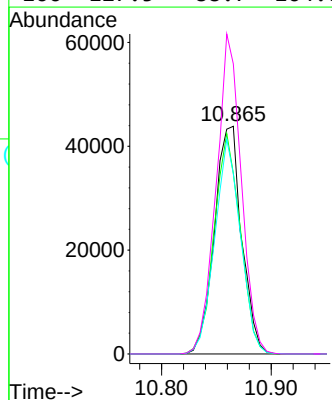
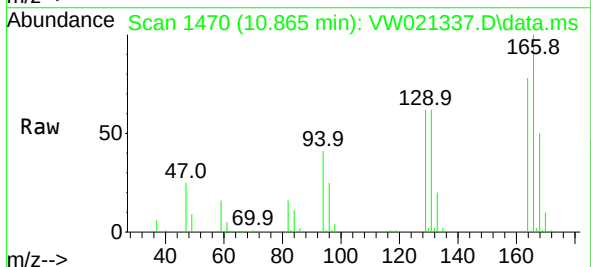
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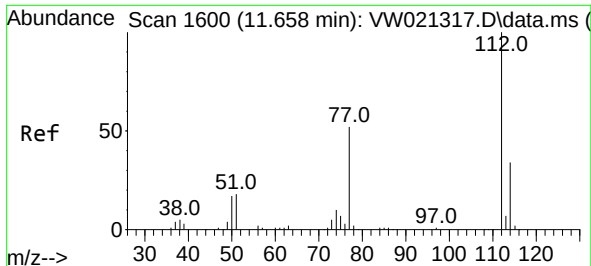
Tgt Ion: 84 Resp: 11502
Ion Ratio Lower Upper
84 100
86 57.0 45.5 84.5
49 108.7 100.5 186.7



#46
Tetrachloroethene
Concen: 72.030 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021337.D
Acq: 11 Dec 2021 19:19

Tgt Ion:164 Resp: 75748
Ion Ratio Lower Upper
164 100
129 79.3 65.5 121.7
131 79.2 59.7 110.9
166 127.5 88.7 164.7

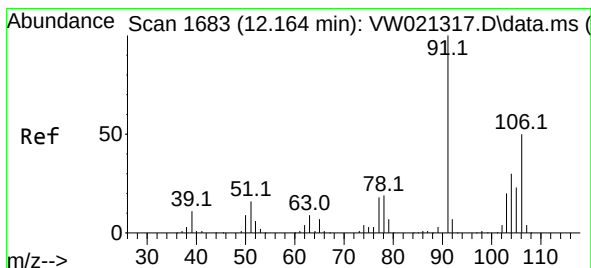
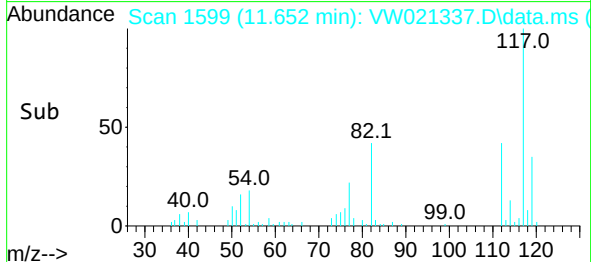
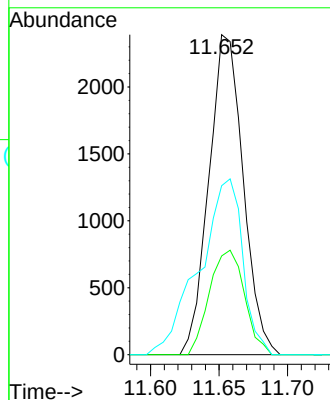
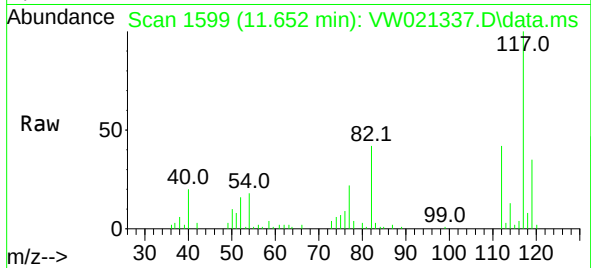




#51
Chlorobenzene
Concen: 1.349 ug/L
RT: 11.652 min Scan# 11
Delta R.T. -0.006 min
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Tgt Ion:112 Resp: 4165
Ion Ratio Lower Upper
112 100
114 30.9 22.4 41.6
77 52.8 50.2 75.4



#54
o-Xylene
Concen: 0.641 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021337.D
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Tgt Ion:106 Resp: 1293
Ion Ratio Lower Upper
106 100
91 170.8 153.6 285.3

