

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021332.D
 Acq On : 11 Dec 2021 17:18
 Operator : SY/VA
 Sample : M5062-10
 Misc : 6.93g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL09

Quant Time: Dec 12 08:08:48 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)

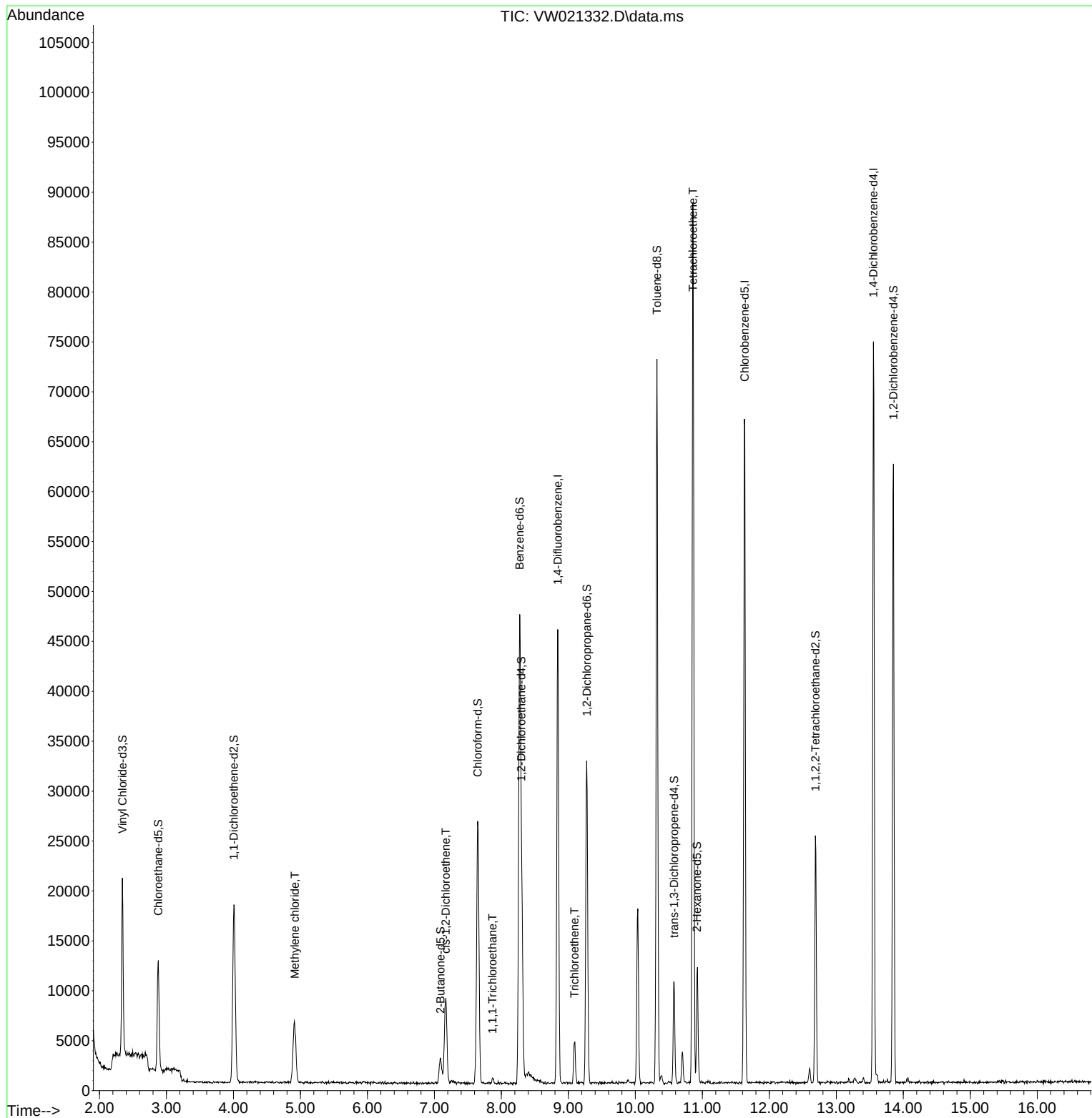
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	38616	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	37798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	20094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	16512	23.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.920%
7) Chloroethane-d5	2.879	69	12180	26.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	4.007	63	16924	18.050	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.200%
21) 2-Butanone-d5	7.092	46	4768	48.095	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.180%
24) Chloroform-d	7.646	84	27002	25.091	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	8.299	65	13584	23.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.920%
32) Benzene-d6	8.274	84	48259	23.293	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.160%
36) 1,2-Dichloropropane-d6	9.274	67	13897	25.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.323	98	45873	21.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.680%
43) trans-1,3-Dichloroprop...	10.579	79	5527	21.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.400%
47) 2-Hexanone-d5	10.920	63	3664	44.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	11529	24.137	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	16743	21.500	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.915	84	4833	7.574	ug/L	75
20) cis-1,2-Dichloroethene	7.171	96	5292	9.681	ug/L	68
30) 1,1,1-Trichloroethane	7.866	97	549	0.647	ug/L	# 72
34) Trichloroethene	9.091	95	1435	2.483	ug/L	88
46) Tetrachloroethene	10.859	164	19727	35.927	ug/L	96

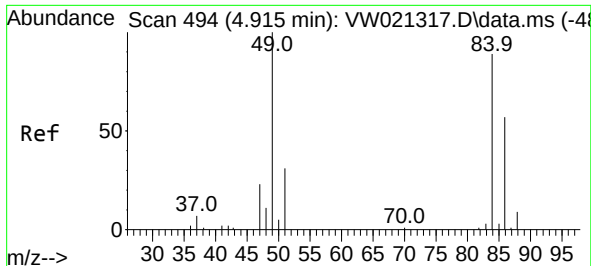
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

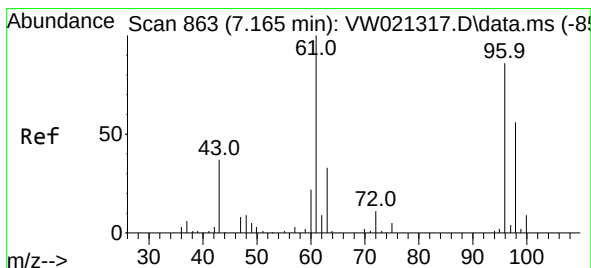
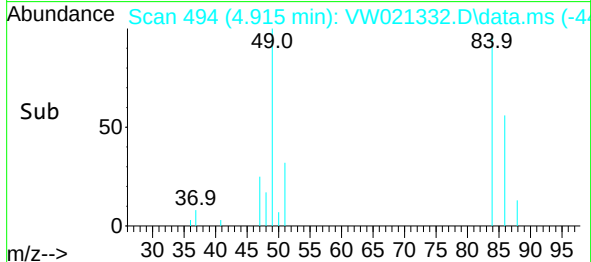
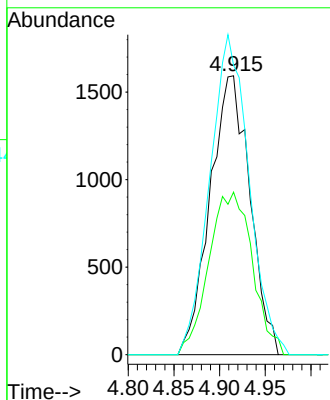
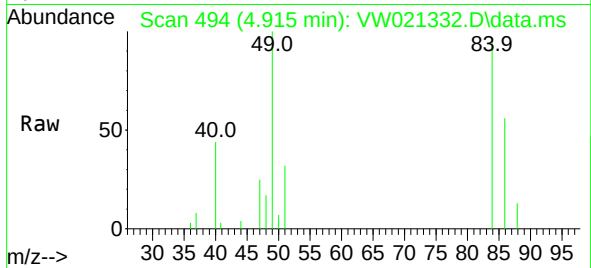




#16
Methylene chloride
Concen: 7.574 ug/L
RT: 4.915 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

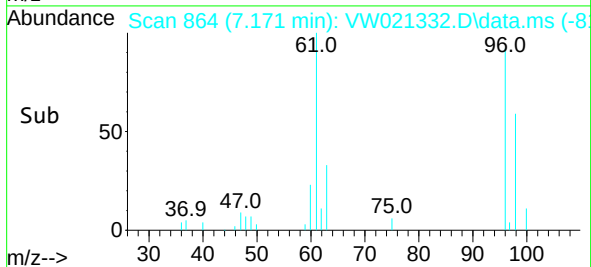
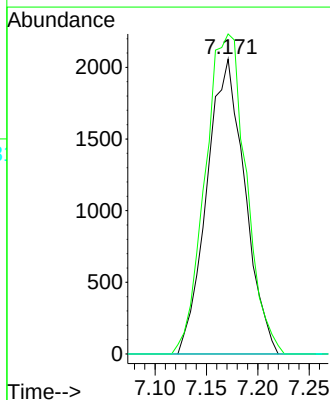
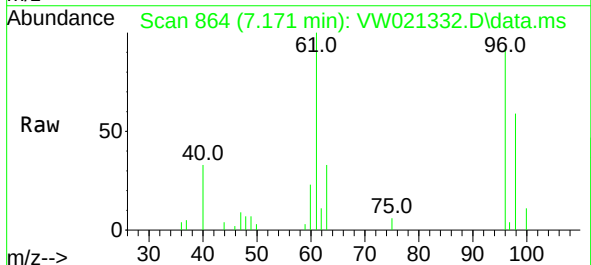
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MSVOA_W
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BGL09

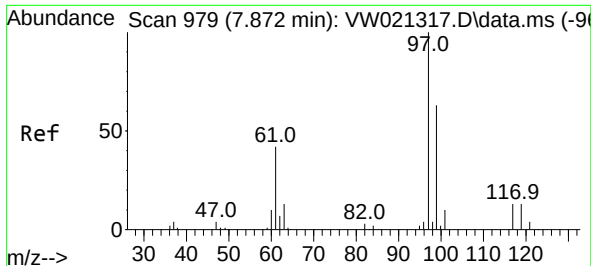
Tgt Ion: 84 Resp: 4833
Ion Ratio Lower Upper
84 100
86 58.3 45.5 84.5
49 103.8 100.5 186.7



#20
cis-1,2-Dichloroethene
Concen: 9.681 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

Tgt Ion: 96 Resp: 5292
Ion Ratio Lower Upper
96 100
61 108.5 103.7 192.7
68 0.0 0.0 0.0

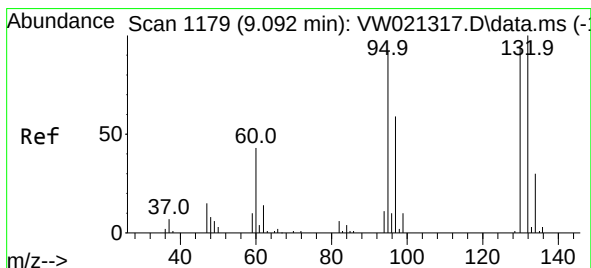
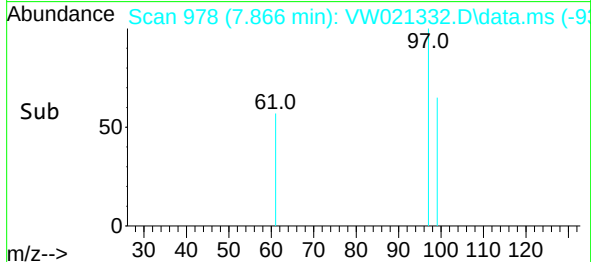
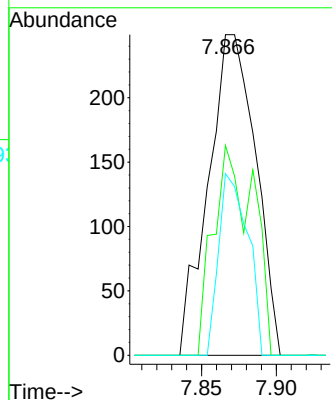
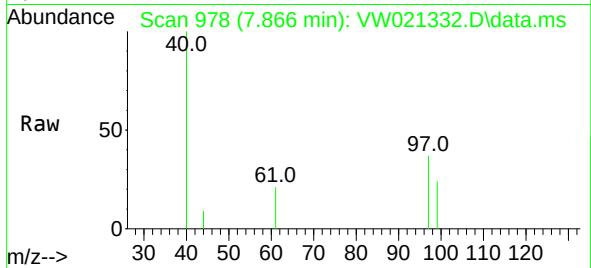




#30
1,1,1-Trichloroethane
Concen: 0.647 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

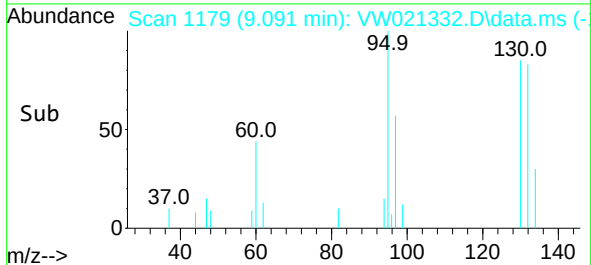
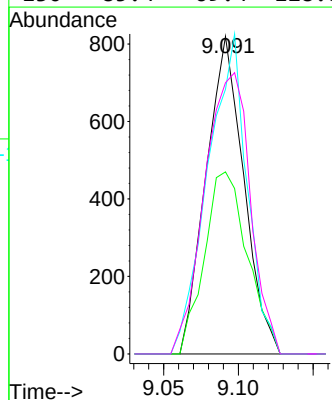
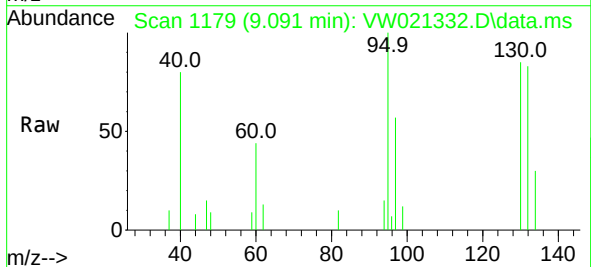
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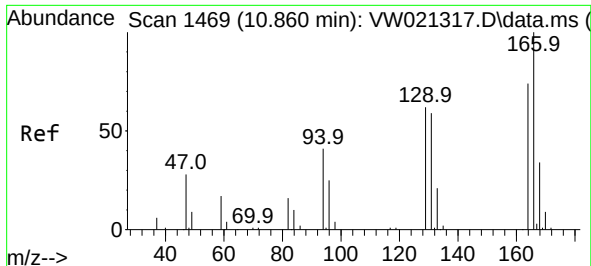
Tgt Ion: 97 Resp: 549
Ion Ratio Lower Upper
97 100
99 39.0 51.6 77.4#
61 34.8 40.9 61.3#



#34
Trichloroethene
Concen: 2.483 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

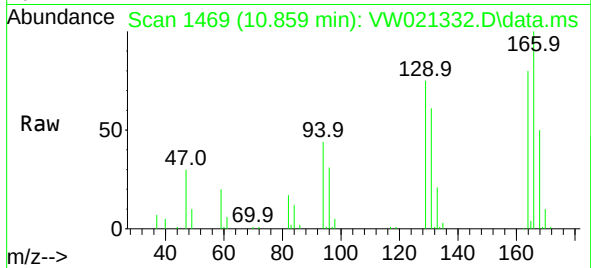
Tgt Ion: 95 Resp: 1435
Ion Ratio Lower Upper
95 100
97 57.3 47.0 87.2
132 83.3 65.5 121.6
130 85.4 69.4 128.8





#46
 Tetrachloroethene
 Concen: 35.927 ug/L
 RT: 10.859 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VW021332.D
 Acq: 11 Dec 2021 17:18

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL09



Tgt Ion:164 Resp: 19727

Ion	Ratio	Lower	Upper
164	100		
129	93.9	65.5	121.7
131	76.5	59.7	110.9
166	124.6	88.7	164.7

