

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020335.D
 Acq On : 07 Oct 2021 00:39
 Operator : SY/VA
 Sample : M4000-11
 Misc : 5.22g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW906

Quant Time: Oct 07 05:28:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 05:04:04 2021
 Response via : Initial Calibration

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

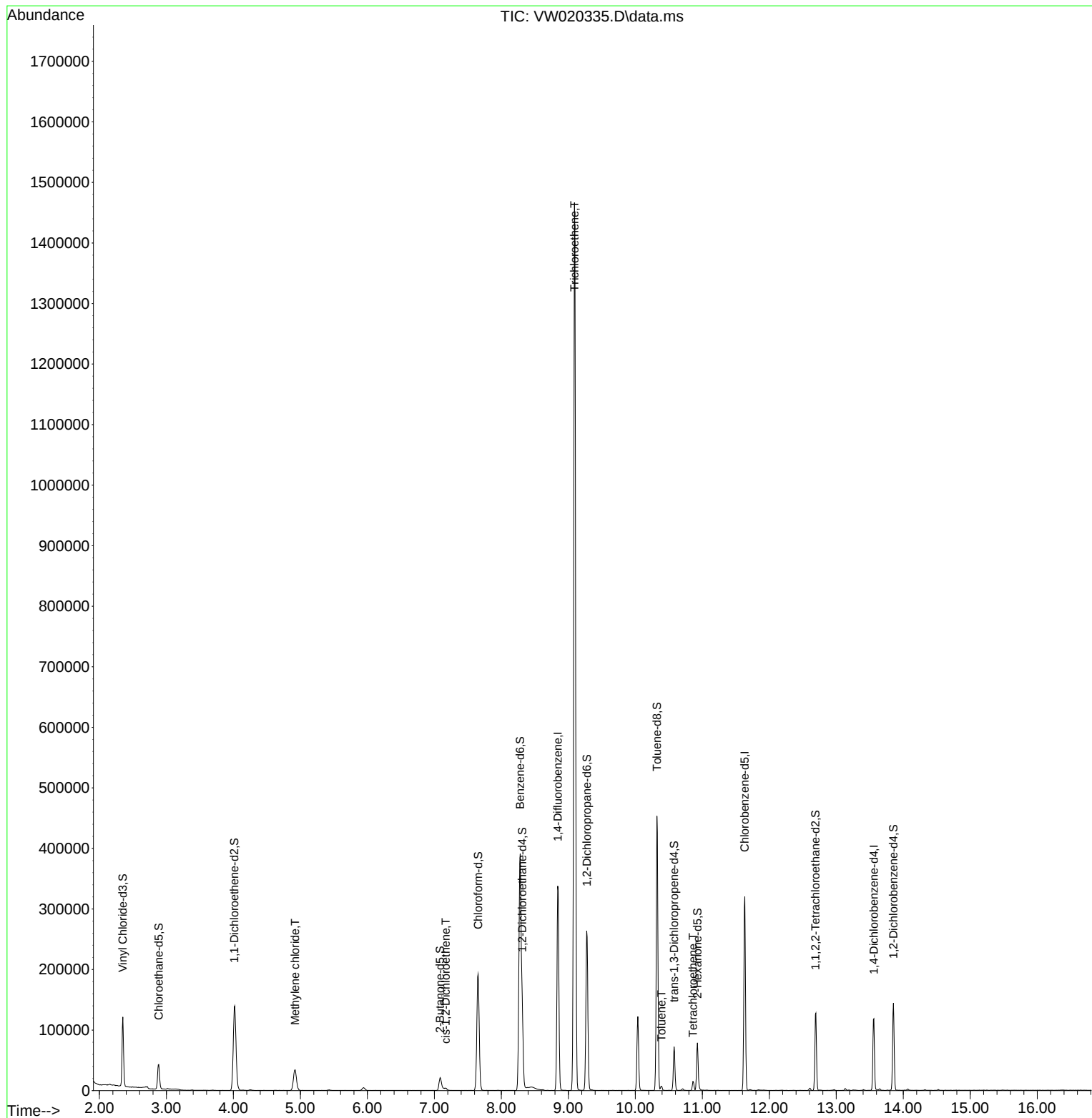
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	263830	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.634	117	166707	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	28867	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.349	65	105959	29.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.560%	
7) Chloroethane-d5		2.885	69	44647	28.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.360%	
11) 1,1-Dichloroethene-d2		4.013	63	141078	18.841	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.360%	
21) 2-Butanone-d5		7.086	46	36811	39.852	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.700%	
24) Chloroform-d		7.653	84	192435	25.402	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4		8.311	65	104915	25.306	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.240%	
32) Benzene-d6		8.281	84	380656	37.713	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	150.840%#	
36) 1,2-Dichloropropane-d6		9.274	67	120566	37.659	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	150.640%#	
41) Toluene-d8		10.323	98	277114	30.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.240%	
43) trans-1,3-Dichloroprop...		10.579	79	37770	28.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.960%	
47) 2-Hexanone-d5		10.927	63	24772	55.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.960%	
56) 1,1,2,2-Tetrachloroeth...		12.688	84	64180	28.723	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.880%	
66) 1,2-Dichlorobenzene-d4		13.853	152	34784	34.411	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	137.640%#	
Target Compounds							
16) Methylene chloride		4.922	84	25158	5.340	ug/L	99
20) cis-1,2-Dichloroethene		7.171	96	1326	0.337	ug/L	97
34) Trichloroethene		9.092	95	509183	178.539	ug/L	99
42) Toluene		10.390	91	5122	0.439	ug/L	98
46) Tetrachloroethene		10.860	164	3213	1.531	ug/L	97

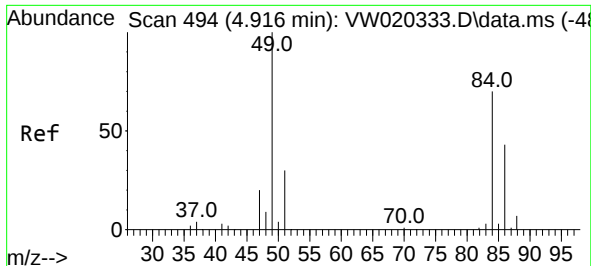
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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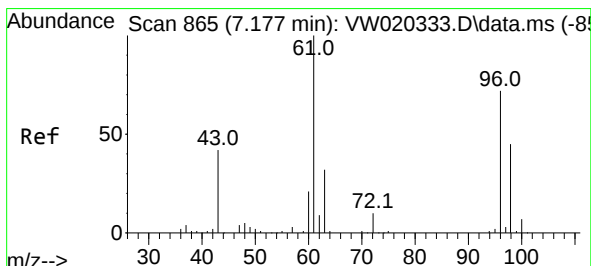
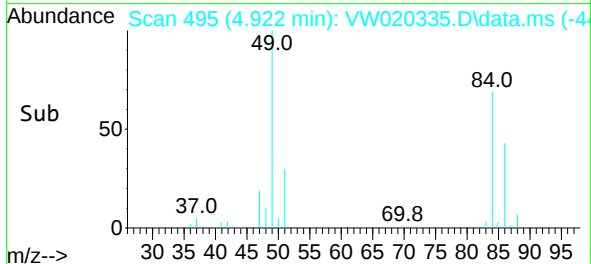
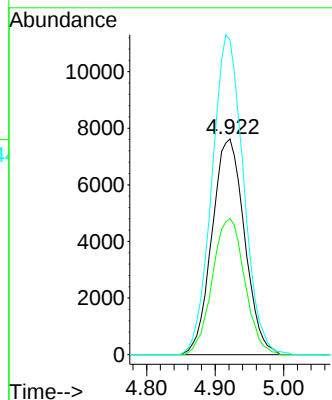
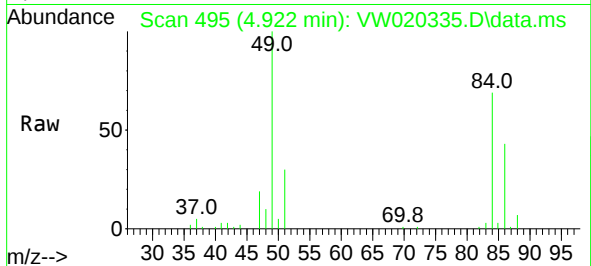


#16
Methylene chloride
Concen: 5.340 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020335.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_W
ClientSampled :
EW906

Tgt Ion: 84 Resp: 25158

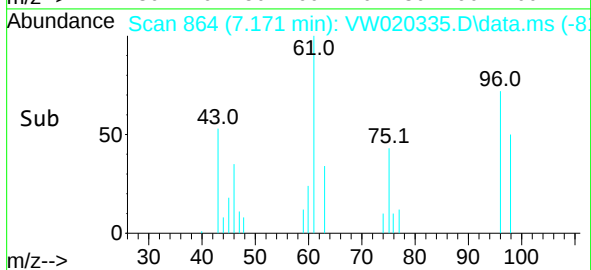
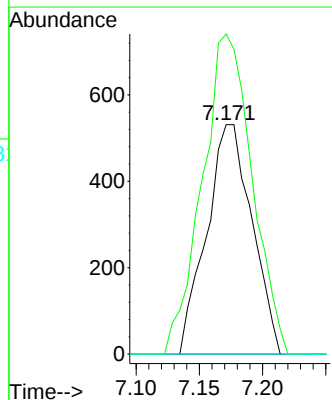
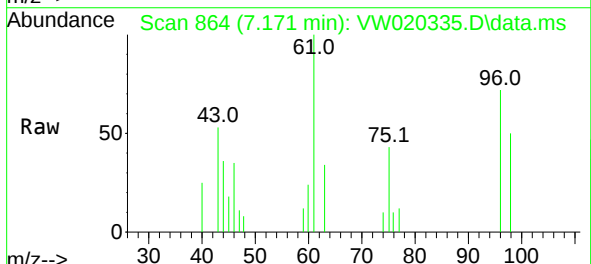
Ion	Ratio	Lower	Upper
84	100		
86	63.1	44.7	83.1
49	145.9	101.7	188.9

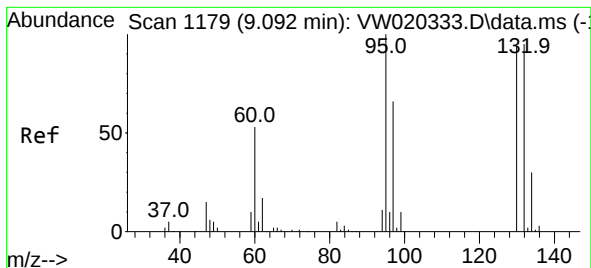


#20
cis-1,2-Dichloroethene
Concen: 0.337 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020335.D
Acq: 07 Oct 2021 00:39

Tgt Ion: 96 Resp: 1326

Ion	Ratio	Lower	Upper
96	100		
61	139.5	100.3	186.3
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 178.539 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020335.D

Acq: 07 Oct 2021 00:39

Tgt Ion: 95 Resp: 509183

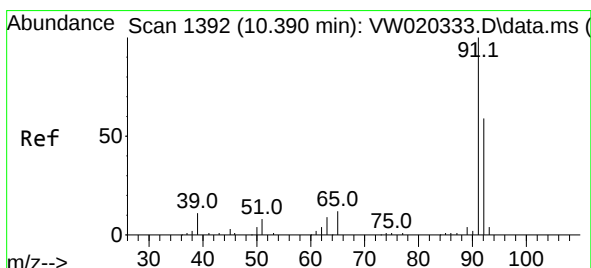
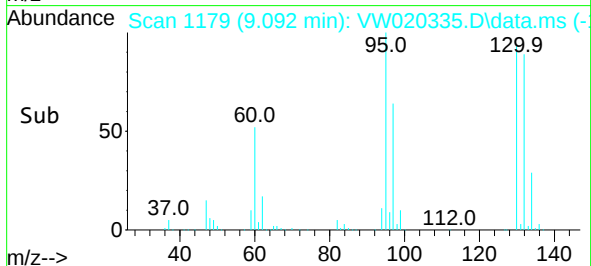
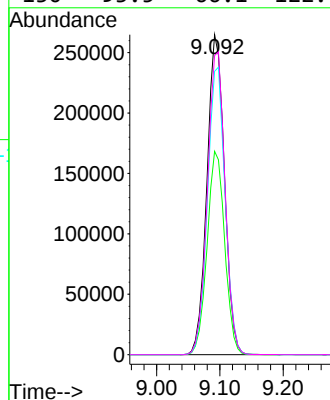
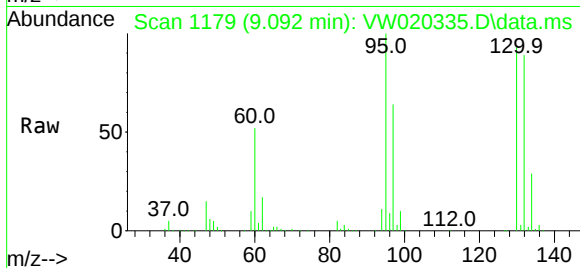
Ion Ratio Lower Upper

95 100

97 63.6 43.2 80.2

132 88.6 62.3 115.7

130 93.5 66.1 122.7



#42

Toluene

Concen: 0.439 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020335.D

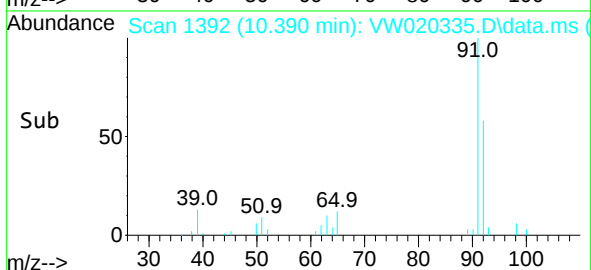
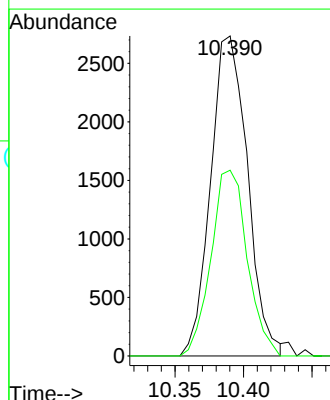
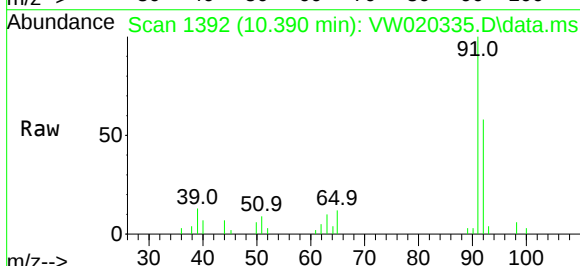
Acq: 07 Oct 2021 00:39

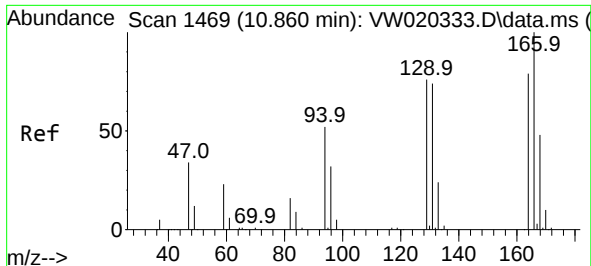
Tgt Ion: 91 Resp: 5122

Ion Ratio Lower Upper

91 100

92 58.0 41.5 77.1





#46
Tetrachloroethene
Concen: 1.531 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020335.D
Acq: 07 Oct 2021 00:39

Instrument :
MSVOA_W
ClientSampleId :
EW906

Tgt Ion:	164	Resp:	3213
Ion	Ratio	Lower	Upper
164	100		
129	101.8	69.1	128.3
131	87.7	58.3	108.3
166	128.6	90.4	168.0

