

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020343.D
 Acq On : 07 Oct 2021 03:51
 Operator : SY/VA
 Sample : M4000-18
 Misc : 4.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW911

Quant Time: Oct 07 05:30:24 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)

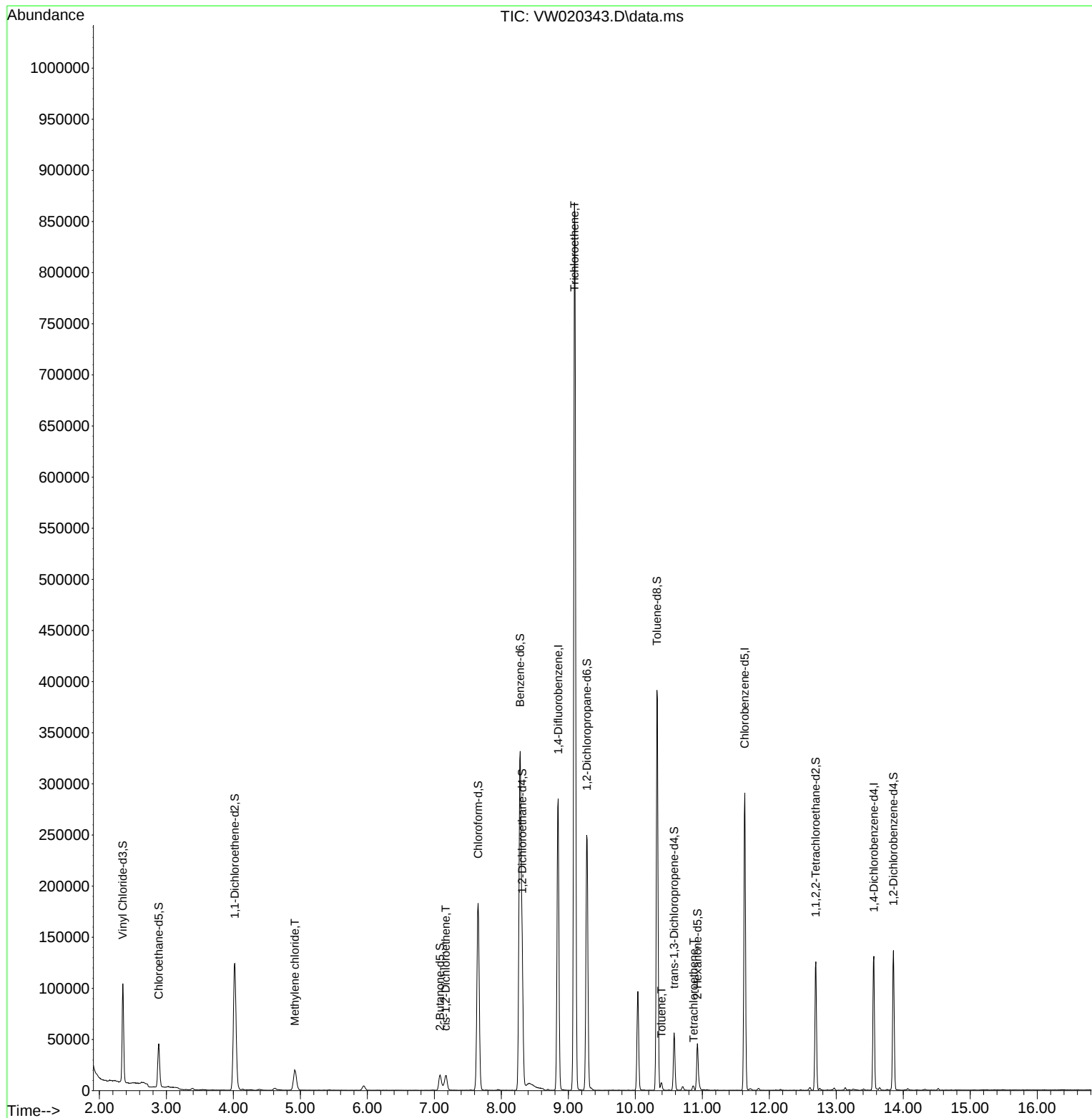
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	217588	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	152184	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	32164	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	90883	30.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.240%
7) Chloroethane-d5	2.885	69	44812	34.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	137.960%
11) 1,1-Dichloroethene-d2	4.019	63	127543	20.653	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.600%
21) 2-Butanone-d5	7.086	46	26811	35.194	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.380%
24) Chloroform-d	7.653	84	183014	29.293	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.160%
26) 1,2-Dichloroethane-d4	8.311	65	98697	28.865	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.480%
32) Benzene-d6	8.281	84	327738	35.569	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	142.280%#
36) 1,2-Dichloropropane-d6	9.275	67	117082	40.060	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	160.240%#
41) Toluene-d8	10.323	98	246849	29.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.320%
43) trans-1,3-Dichloroprop...	10.579	79	29656	24.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.760%
47) 2-Hexanone-d5	10.927	63	13767	34.081	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.160%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	62845	30.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.240%#
66) 1,2-Dichlorobenzene-d4	13.853	152	33255	29.526	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.120%
Target Compounds						Qvalue
16) Methylene chloride	4.916	84	14058	3.618	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	7369	2.273	ug/L	93
34) Trichloroethene	9.092	95	307971	118.291	ug/L	97
42) Toluene	10.390	91	5118	0.481	ug/L	90
46) Tetrachloroethene	10.872	164	1032	0.539	ug/L	86

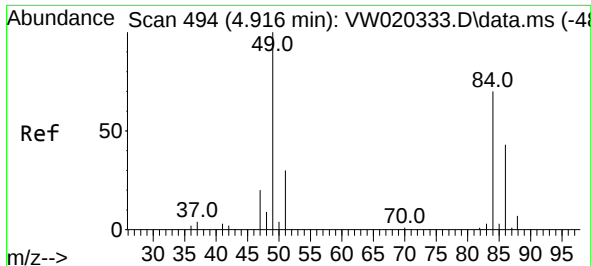
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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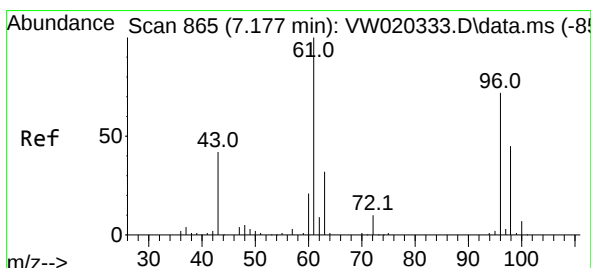
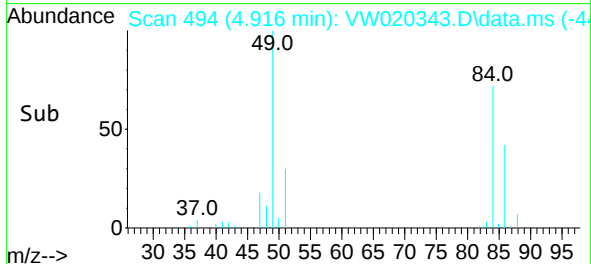
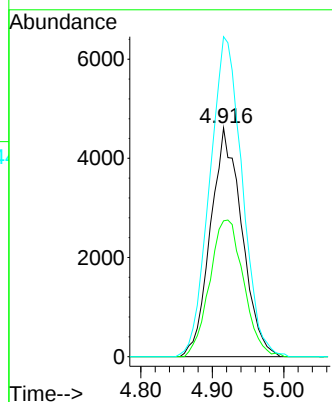
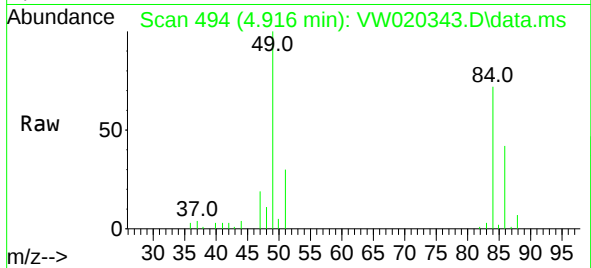




#16
Methylene chloride
Concen: 3.618 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020343.D
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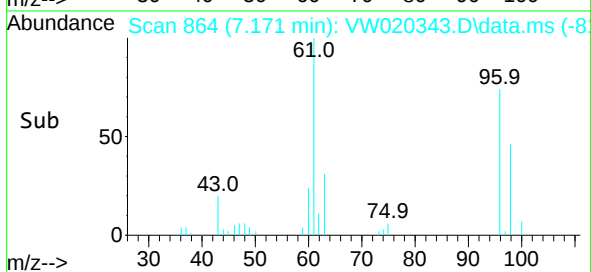
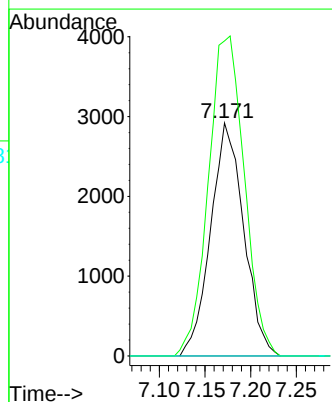
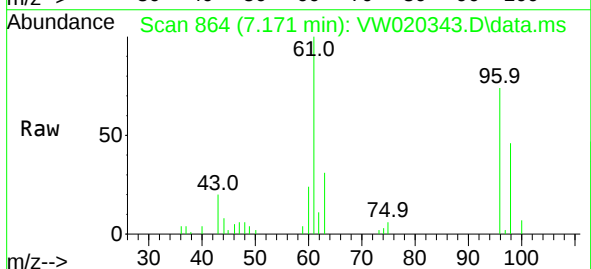
Instrument :
MSVOA_W
ClientSampled :
EW911

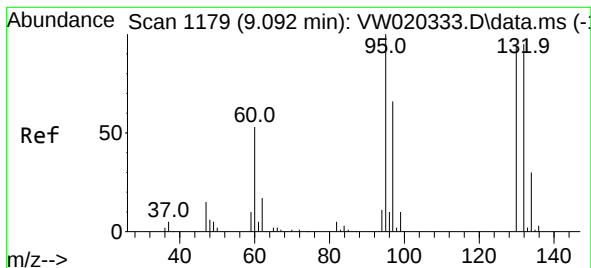
Tgt Ion:	84	Resp:	14058
Ion Ratio	Lower	Upper	
84	100		
86	59.4	44.7	83.1
49	139.8	101.7	188.9



#20
cis-1,2-Dichloroethene
Concen: 2.273 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020343.D
Acq: 07 Oct 2021 03:51

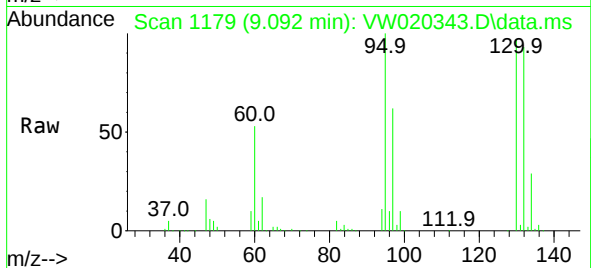
Tgt Ion:	96	Resp:	7369
Ion Ratio	Lower	Upper	
96	100		
61	135.2	100.3	186.3
68	0.0	0.0	0.0



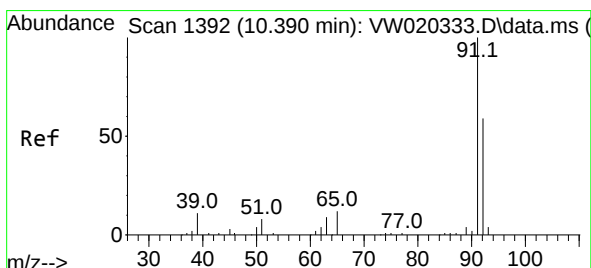
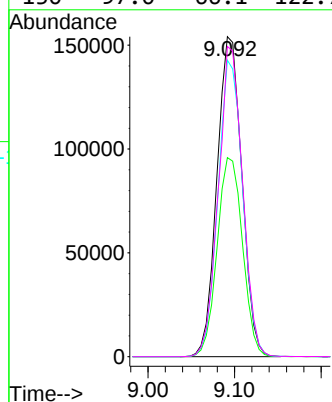
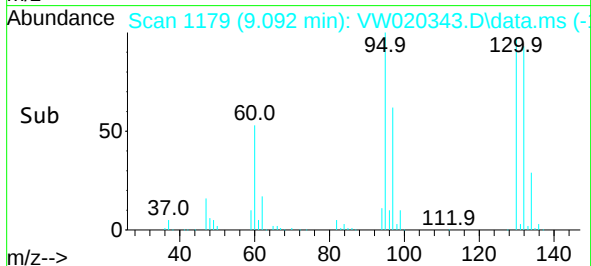


#34
Trichloroethene
Concen: 118.291 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020343.D
Acq: 07 Oct 2021 03:51

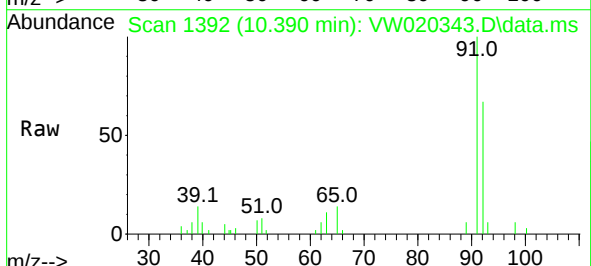
Instrument :
MSVOA_W
ClientSampleId :
EW911



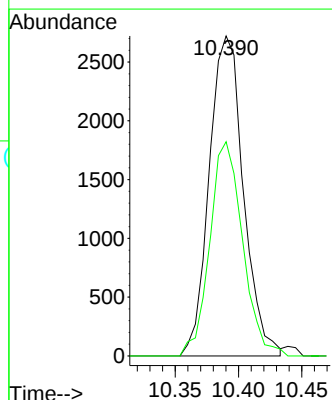
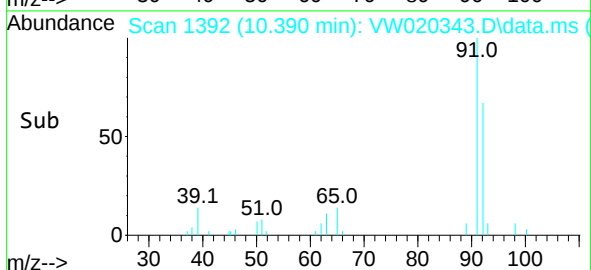
Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.2	80.2
132	92.6	62.3	115.7
130	97.0	66.1	122.7

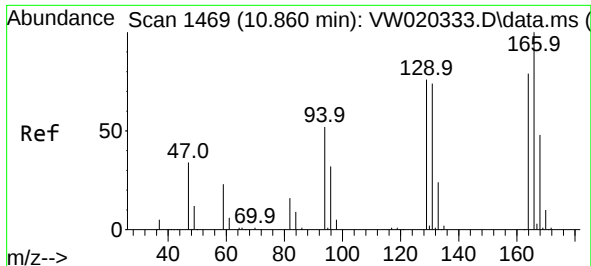


#42
Toluene
Concen: 0.481 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020343.D
Acq: 07 Oct 2021 03:51



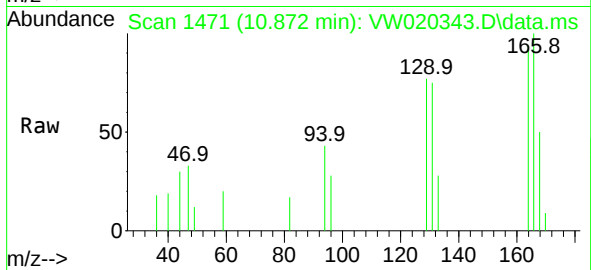
Tgt Ion	Ratio	Lower	Upper
91	100		
92	66.9	41.5	77.1





#46
Tetrachloroethene
Concen: 0.539 ug/L
RT: 10.872 min Scan# 1471
Delta R.T. 0.012 min
Lab File: VW020343.D
Acq: 07 Oct 2021 03:51

Instrument :
MSVOA_W
ClientSampleId :
EW911



Tgt Ion:164 Resp: 1032

Ion	Ratio	Lower	Upper
164	100		
129	82.2	69.1	128.3
131	80.4	58.3	108.3
166	106.9	90.4	168.0

