

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020341.D
 Acq On : 07 Oct 2021 03:03
 Operator : SY/VA
 Sample : M4000-14
 Misc : 6.02g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW907

Quant Time: Oct 07 05:30:00 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)

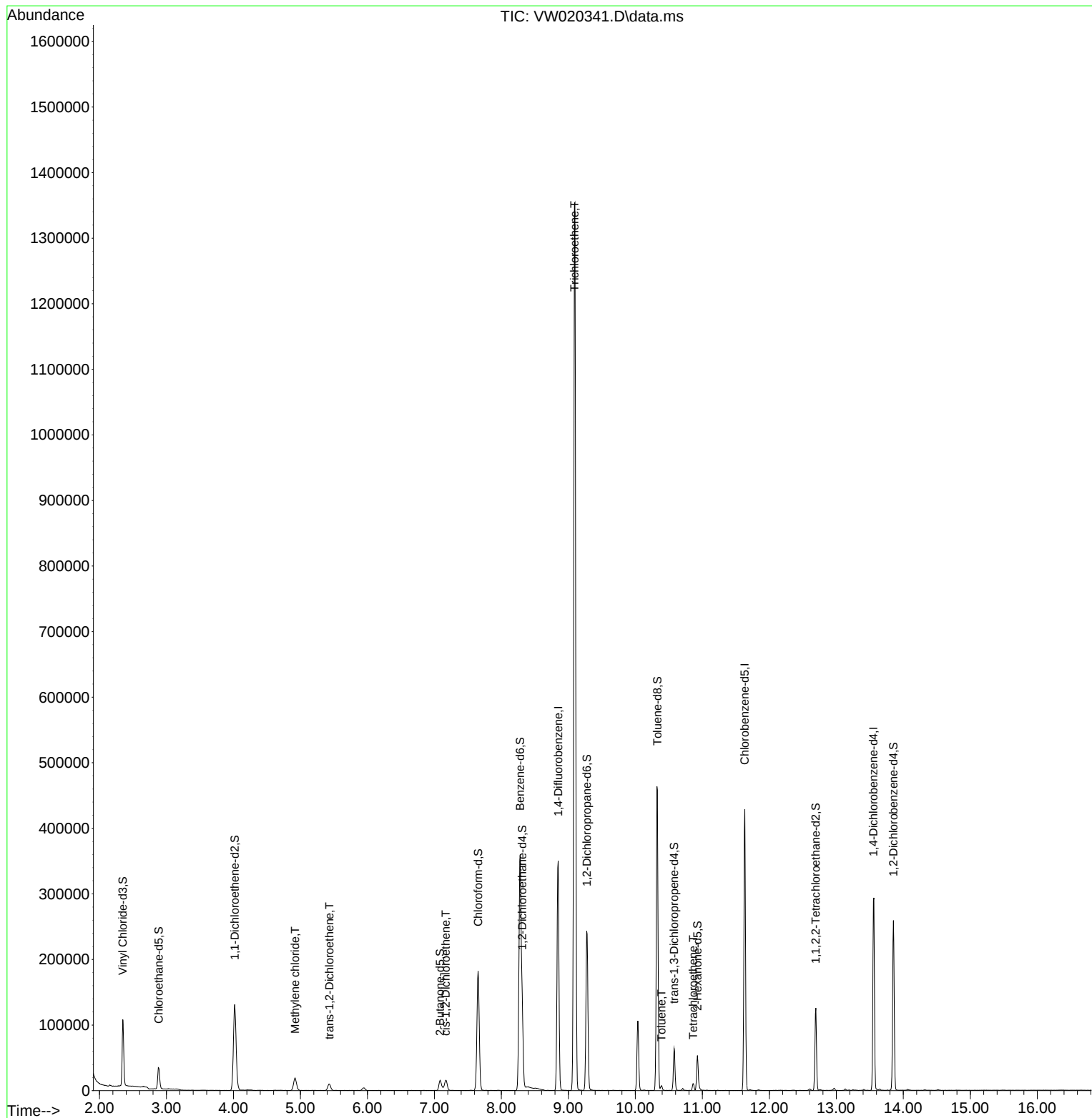
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	270938	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	218868	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70430	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	94143	25.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.840%
7) Chloroethane-d5	2.885	69	35991	22.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.960%
11) 1,1-Dichloroethene-d2	4.019	63	130347	16.951	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.800%
21) 2-Butanone-d5	7.086	46	27177	28.650	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.300%
24) Chloroform-d	7.653	84	179929	23.128	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.520%
26) 1,2-Dichloroethane-d4	8.311	65	93621	21.989	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.960%
32) Benzene-d6	8.281	84	355482	26.825	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.320%
36) 1,2-Dichloropropane-d6	9.274	67	113386	26.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.920%
41) Toluene-d8	10.329	98	295025	24.580	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.320%
43) trans-1,3-Dichloroprop...	10.579	79	34062	19.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.680%
47) 2-Hexanone-d5	10.926	63	16360	28.161	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.320%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	62212	21.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	61326	24.866	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.480%
Target Compounds						Qvalue
16) Methylene chloride	4.921	84	13399	2.769	ug/L	91
17) trans-1,2-Dichloroethene	5.434	96	6054	1.534	ug/L	87
20) cis-1,2-Dichloroethene	7.171	96	8117	2.011	ug/L	98
34) Trichloroethene	9.091	95	478747	127.860	ug/L	98
42) Toluene	10.390	91	4998	0.326	ug/L	95
46) Tetrachloroethene	10.866	164	2216	0.804	ug/L	93

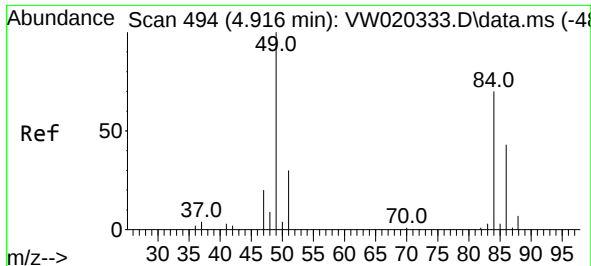
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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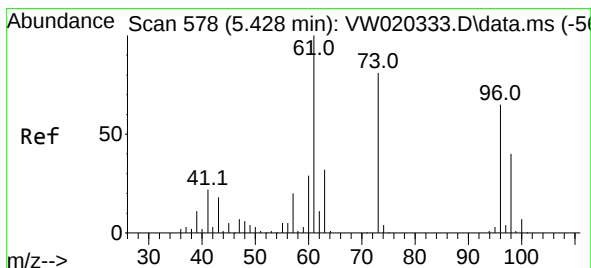
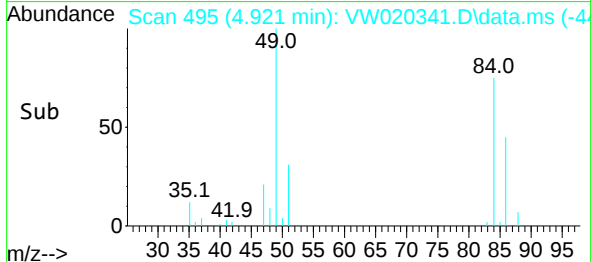
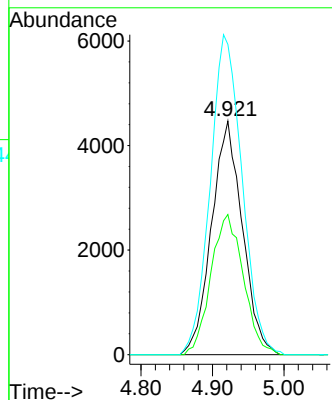
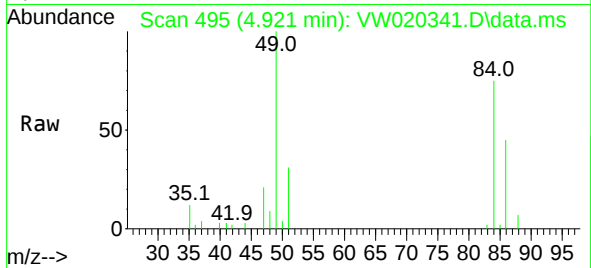




#16
Methylene chloride
Concen: 2.769 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020341.D
Acq: 07 Oct 2021 03:03

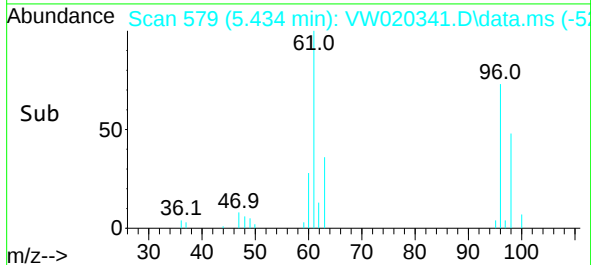
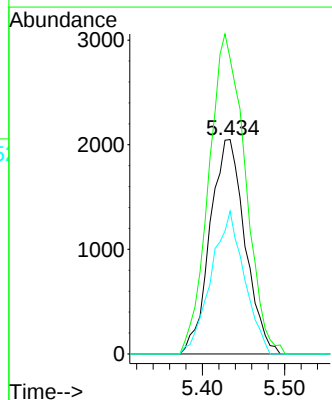
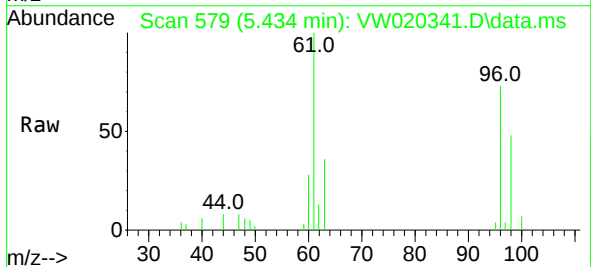
Instrument :
MSVOA_W
ClientSampleId :
EW907

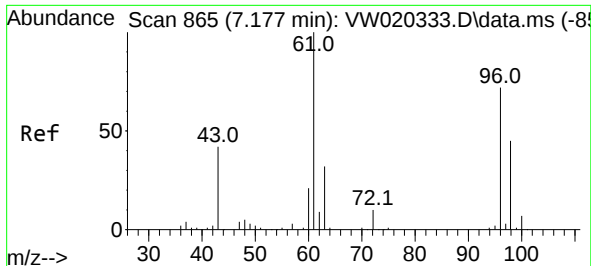
Tgt Ion: 84 Resp: 13399
Ion Ratio Lower Upper
84 100
86 60.0 44.7 83.1
49 132.8 101.7 188.9



#17
trans-1,2-Dichloroethene
Concen: 1.534 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020341.D
Acq: 07 Oct 2021 03:03

Tgt Ion: 96 Resp: 6054
Ion Ratio Lower Upper
96 100
61 137.7 110.7 205.5
98 66.6 43.9 81.5

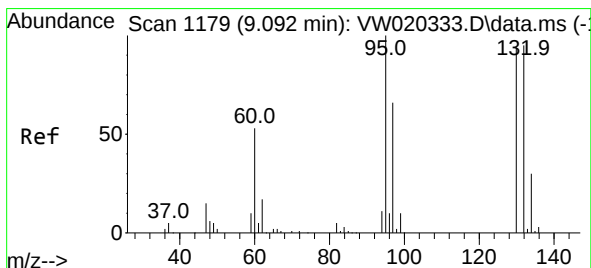
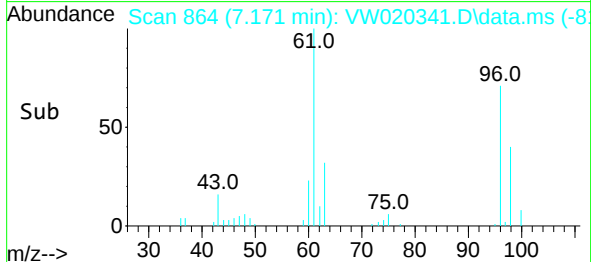
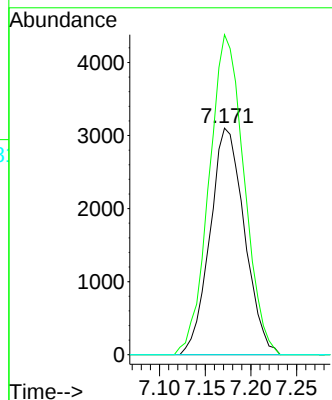
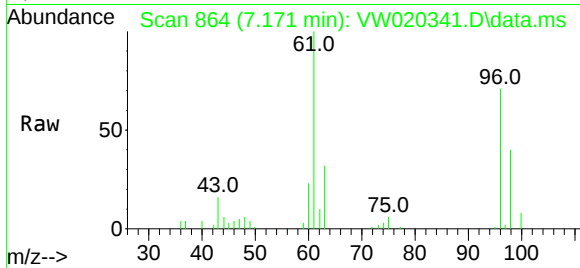




#20
cis-1,2-Dichloroethene
Concen: 2.011 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020341.D
Acq: 07 Oct 2021 03:03

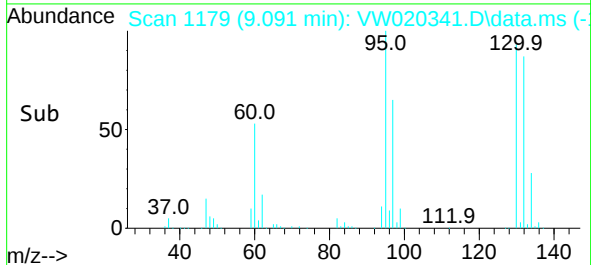
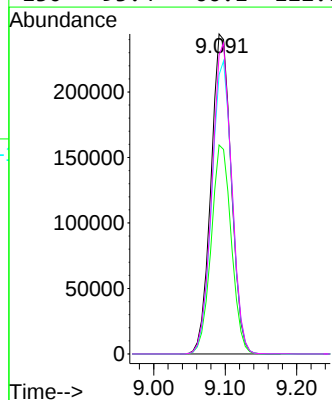
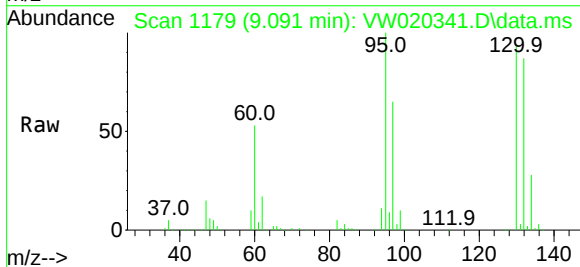
Instrument :
MSVOA_W
ClientSampled :
EW907

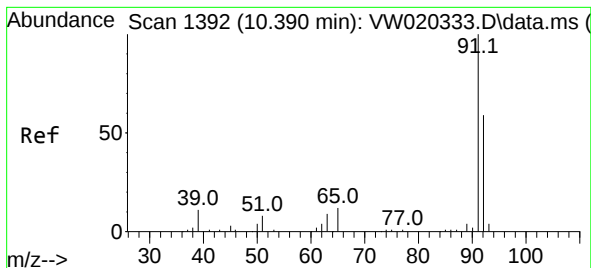
Tgt Ion: 96 Resp: 8117
Ion Ratio Lower Upper
96 100
61 141.2 100.3 186.3
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 127.860 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020341.D
Acq: 07 Oct 2021 03:03

Tgt Ion: 95 Resp: 478747
Ion Ratio Lower Upper
95 100
97 65.3 43.2 80.2
132 87.2 62.3 115.7
130 93.4 66.1 122.7





#42

Toluene

Concen: 0.326 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020341.D

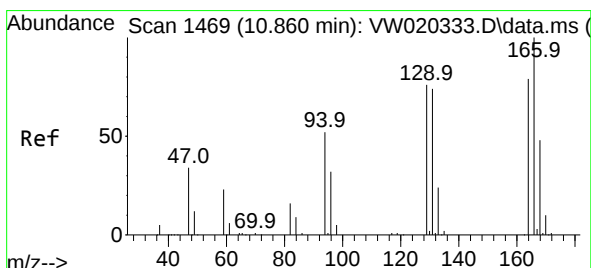
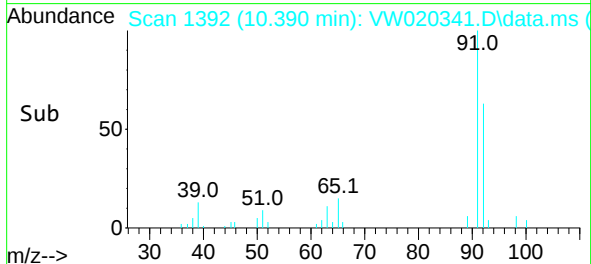
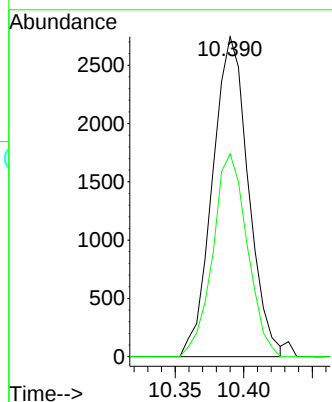
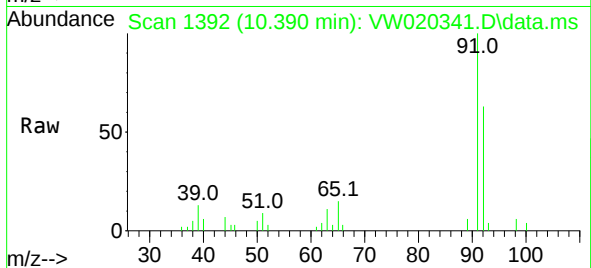
Acq: 07 Oct 2021 03:03

Tgt Ion: 91 Resp: 4998

Ion Ratio Lower Upper

91 100

92 63.4 41.5 77.1



#46

Tetrachloroethene

Concen: 0.804 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW020341.D

Acq: 07 Oct 2021 03:03

Tgt Ion: 164 Resp: 2216

Ion Ratio Lower Upper

164 100

129 107.9 69.1 128.3

131 90.2 58.3 108.3

166 133.7 90.4 168.0

