

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020098.D
 Acq On : 21 Sep 2021 17:52
 Operator : SY/VA
 Sample : M3813-10
 Misc : 5.36g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 05:09:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 05:02:48 2021
 Response via : Initial Calibration

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

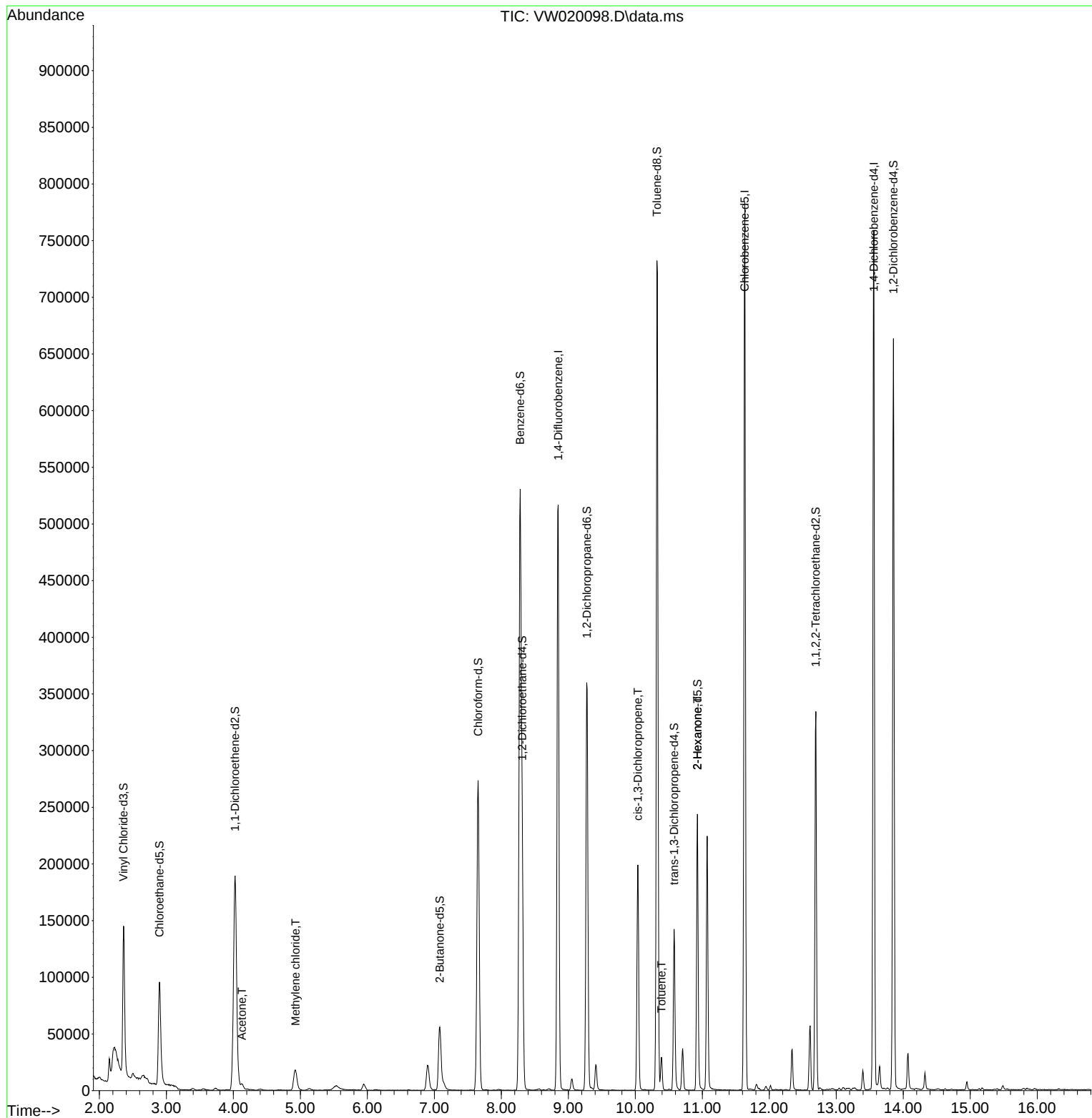
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	417742	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	412063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	185946	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	155836	18.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.920%
7) Chloroethane-d5	2.898	69	126327	19.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.480%
11) 1,1-Dichloroethene-d2	4.026	63	197732	14.777	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.120%
21) 2-Butanone-d5	7.080	46	94777	71.868	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.740%#
24) Chloroform-d	7.653	84	274259	20.876	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.520%
26) 1,2-Dichloroethane-d4	8.311	65	175624	24.838	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.360%
32) Benzene-d6	8.281	84	523152	19.900	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	9.275	67	162037	21.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.200%
41) Toluene-d8	10.323	98	477083	19.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.760%
43) trans-1,3-Dichloroprop...	10.579	79	76792	23.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.440%
47) 2-Hexanone-d5	10.927	63	75358	71.574	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.140%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	160965	27.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	154293	22.129	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.520%
Target Compounds					Qvalue	
13) Acetone	4.129	43	7260	6.428	ug/L	70
16) Methylene chloride	4.928	84	15144	2.054	ug/L	92
39) cis-1,3-Dichloropropene	10.037	75	5169	0.569	ug/L #	69
42) Toluene	10.390	91	19635	0.743	ug/L	100
48) 2-Hexanone	10.927	43	9966	4.612	ug/L #	70

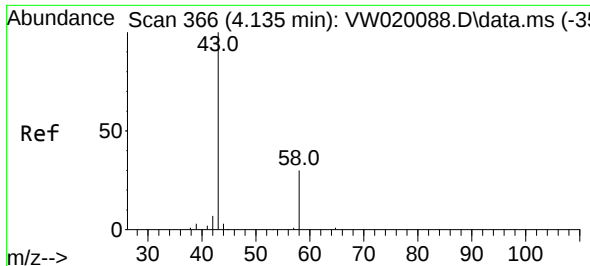
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 22 05:02:48 2021
Response via : Initial Calibration

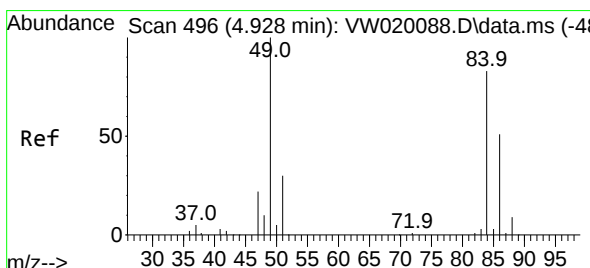
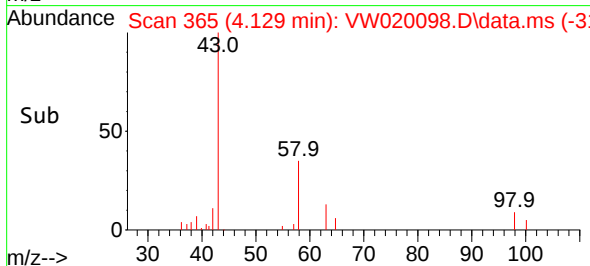
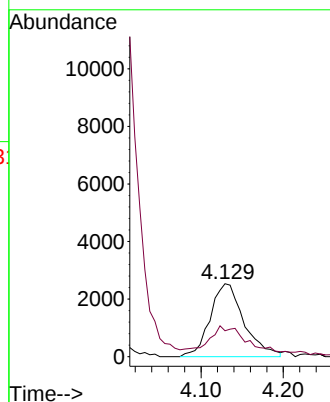
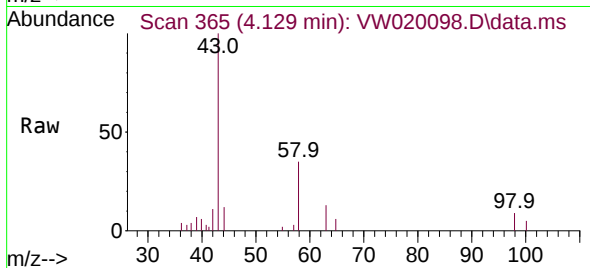




#13
Acetone
Concen: 6.428 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW020098.D
Acq: 21 Sep 2021 17:52

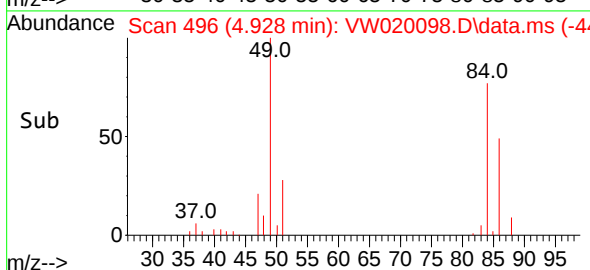
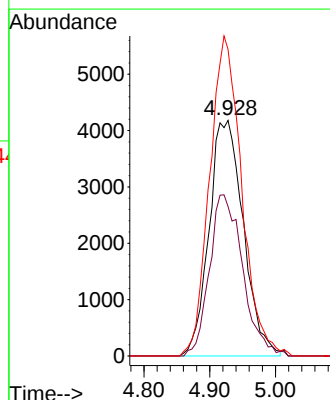
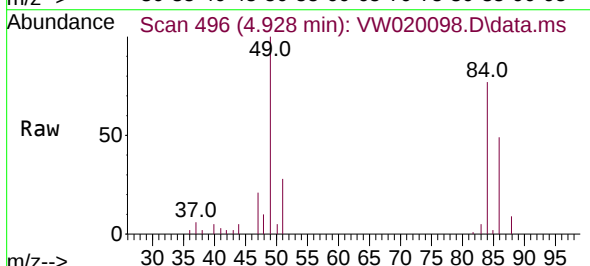
Instrument :
MSVOA_W
ClientSampled :

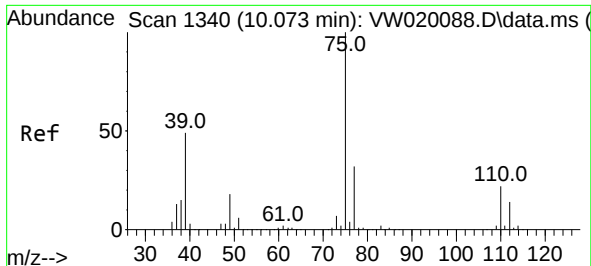
Tgt Ion: 43 Resp: 7260
Ion Ratio Lower Upper
43 100
58 14.3 0.0 61.6



#16
Methylene chloride
Concen: 2.054 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW020098.D
Acq: 21 Sep 2021 17:52

Tgt Ion: 84 Resp: 15144
Ion Ratio Lower Upper
84 100
86 63.5 42.6 79.0
49 130.1 83.4 154.8



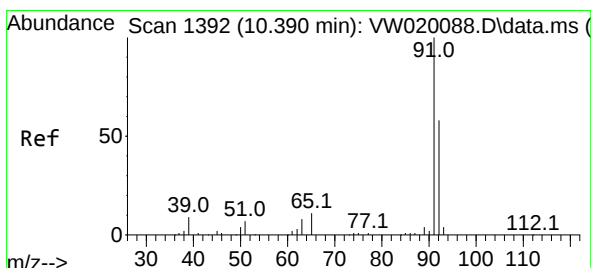
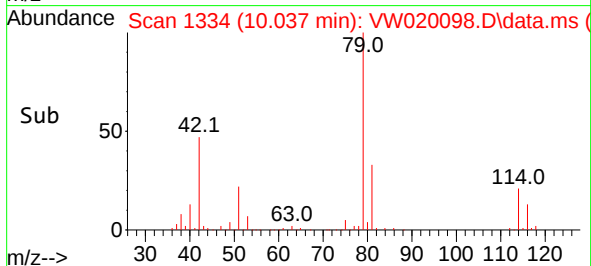
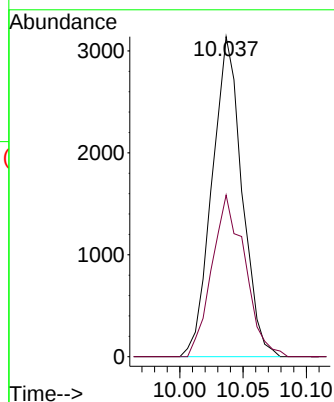
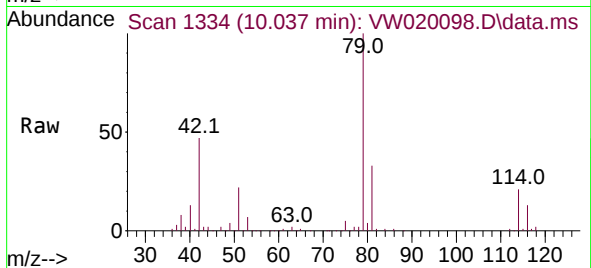


#39

cis-1,3-Dichloropropene
Concen: 0.569 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW020098.D
Acq: 21 Sep 2021 17:52

Instrument :
MSVOA_W
ClientSampled :

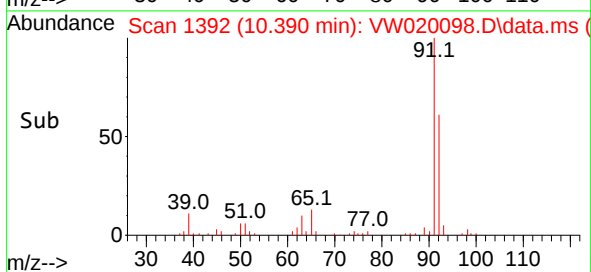
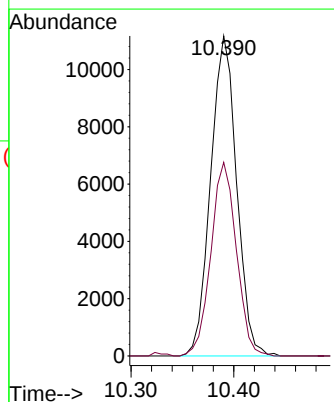
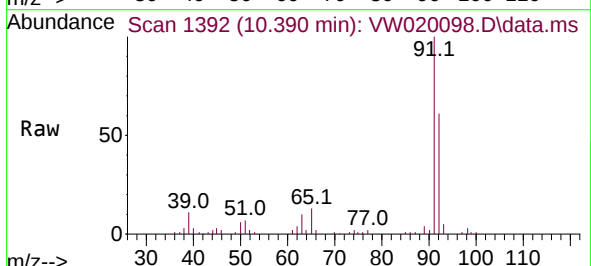
Tgt Ion: 75 Resp: 5169
Ion Ratio Lower Upper
75 100
77 50.5 23.0 42.6#

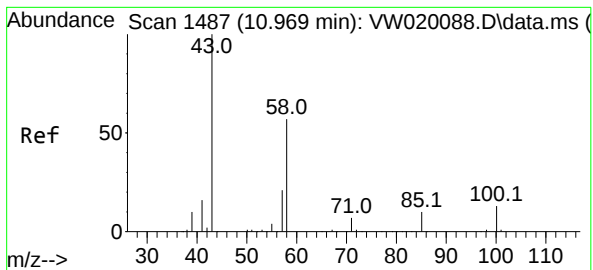


#42

Toluene
Concen: 0.743 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020098.D
Acq: 21 Sep 2021 17:52

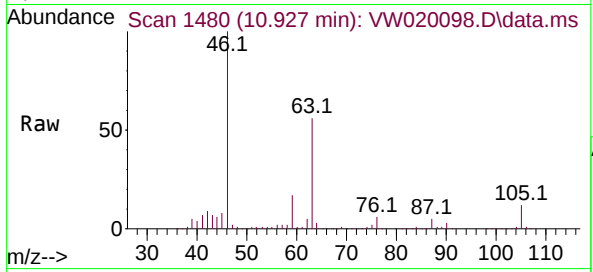
Tgt Ion: 91 Resp: 19635
Ion Ratio Lower Upper
91 100
92 60.5 42.2 78.4





#48
 2-Hexanone
 Concen: 4.612 ug/L
 RT: 10.927 min Scan# 1480
 Delta R.T. -0.043 min
 Lab File: VW020098.D
 Acq: 21 Sep 2021 17:52

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 9966
Ion Ratio	Lower Upper
43	100
58	32.3 43.8 65.6#
57	31.5 15.6 23.4#
100	1.8 10.5 15.7#

