

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
 Data File : VW018953.D
 Acq On : 07 May 2021 12:10
 Operator : SY/VA
 Sample : M2272-09
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 23:29:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

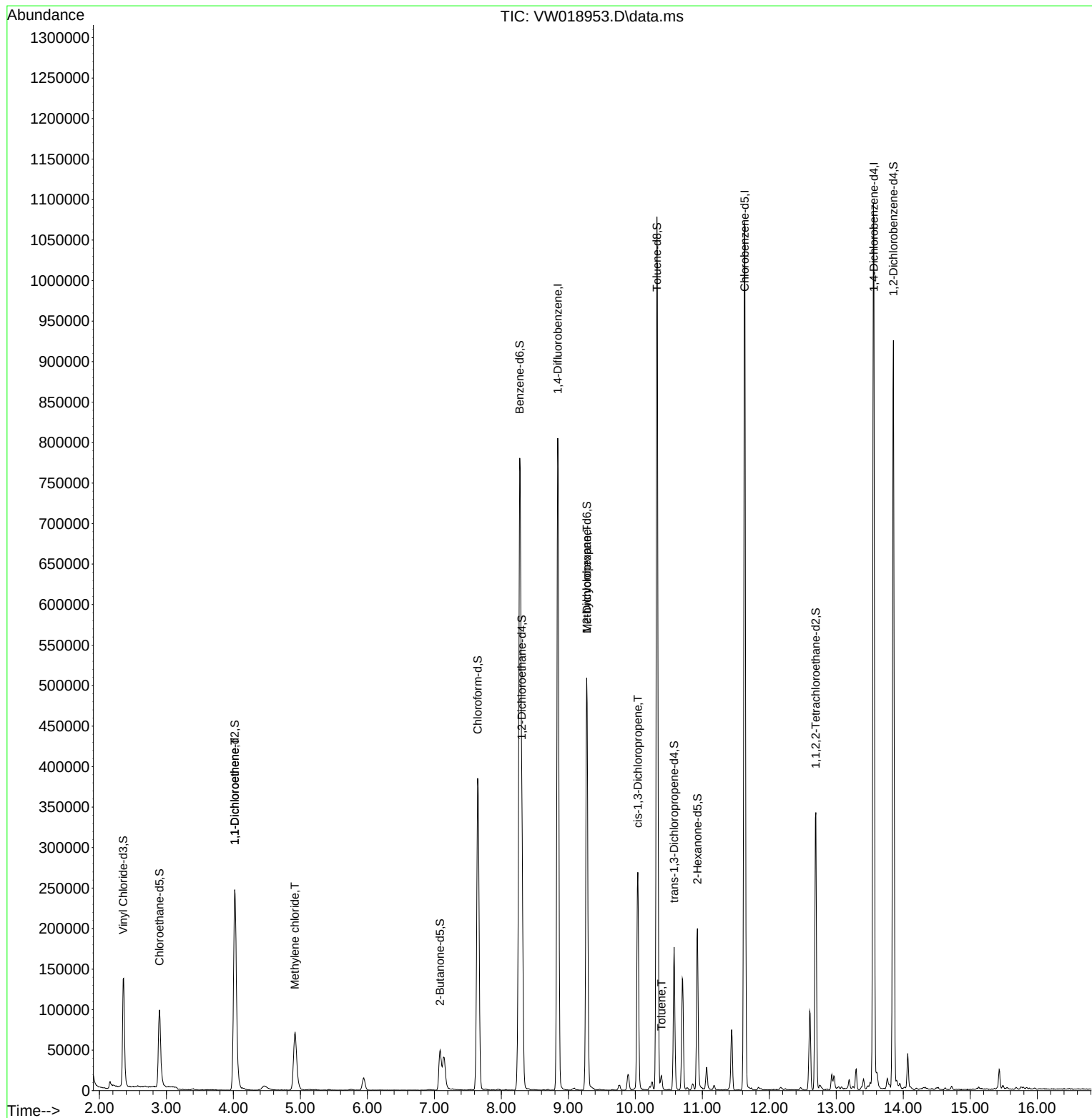
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	635373	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	571070	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	272303	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	163389	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
7) Chloroethane-d5	2.898	69	129692	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
11) 1,1-Dichloroethene-d2	4.019	63	282322	17.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.76%
21) 2-Butanone-d5	7.086	46	86107	40.56	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.12%
24) Chloroform-d	7.647	84	390264	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.305	65	226461	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
32) Benzene-d6	8.275	84	752363	23.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.28%
36) 1,2-Dichloropropane-d6	9.274	67	227926	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	10.323	98	689814	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
43) trans-1,3-Dichloroprop...	10.579	79	91629	21.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.24%
47) 2-Hexanone-d5	10.927	63	67617	39.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.90%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	169777	20.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.72%
66) 1,2-Dichlorobenzene-d4	13.853	152	218057	23.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.48%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.019	96	2331	0.28	ug/L #	1
16) Methylene chloride	4.915	84	59605	5.67	ug/L	99
35) Methylcyclohexane	9.274	83	57561	3.59	ug/L #	20
39) cis-1,3-Dichloropropene	10.036	75	8121	0.62	ug/L #	78
42) Toluene	10.390	91	11937	0.32	ug/L	99

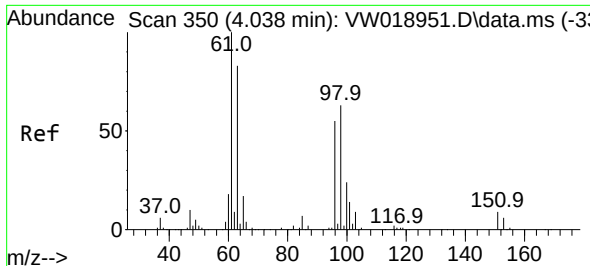
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 07 23:29:08 2021
Response via : Initial Calibration

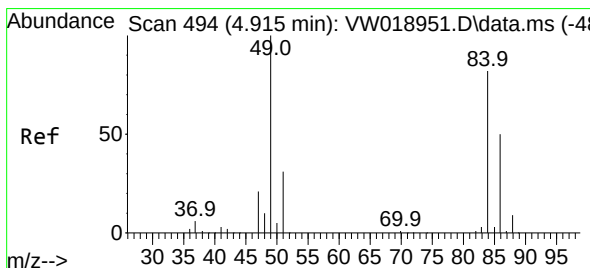
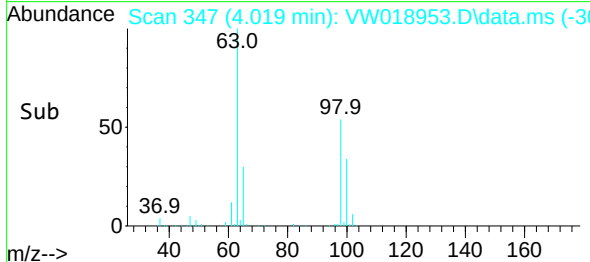
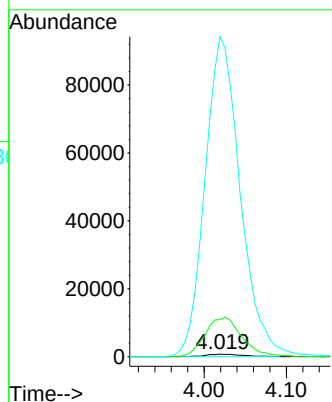
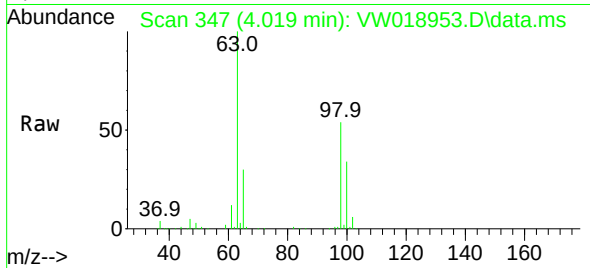




#12
1,1-Dichloroethene
Concen: 0.28 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.018 min
Lab File: VW018953.D
Acq: 07 May 2021 12:10

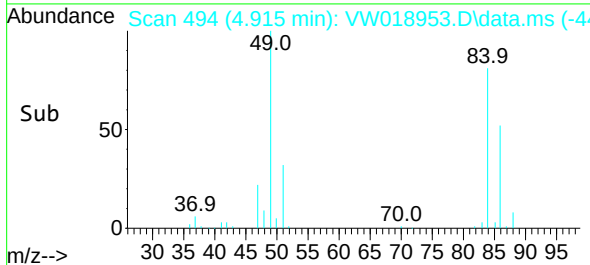
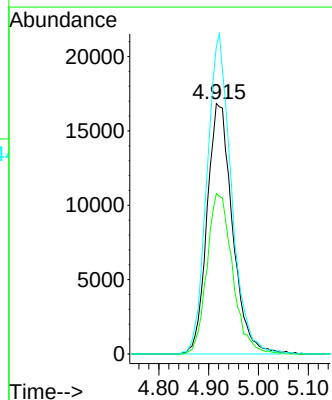
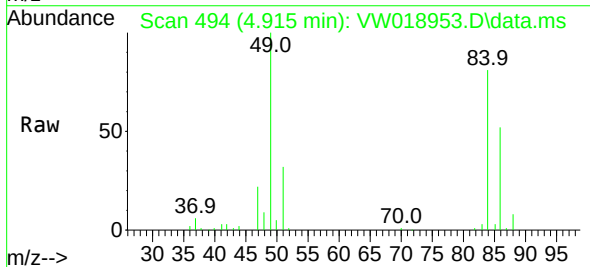
Instrument :
MSVOA_W
ClientSampled :

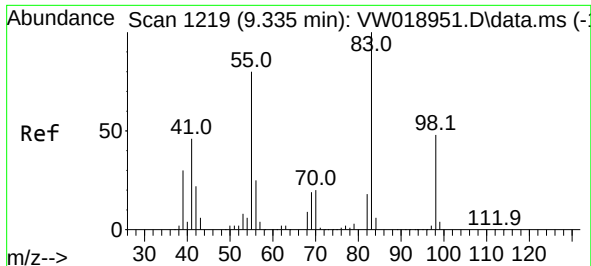
Tgt Ion: 96 Resp: 2331
Ion Ratio Lower Upper
96 100
61 1448.1 118.1 219.3#
63 12516.3 83.7 155.5#



#16
Methylene chloride
Concen: 5.67 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018953.D
Acq: 07 May 2021 12:10

Tgt Ion: 84 Resp: 59605
Ion Ratio Lower Upper
84 100
86 64.0 45.3 84.1
49 122.8 86.6 160.8

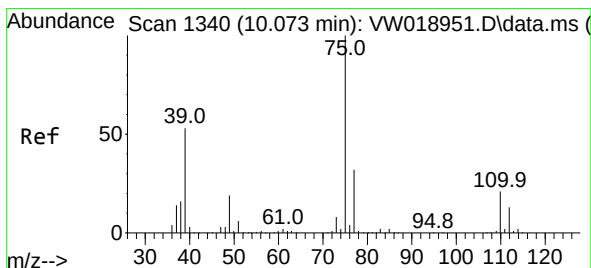
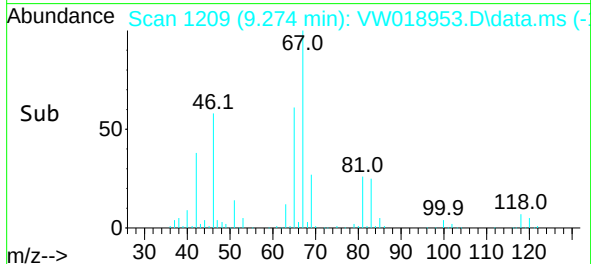
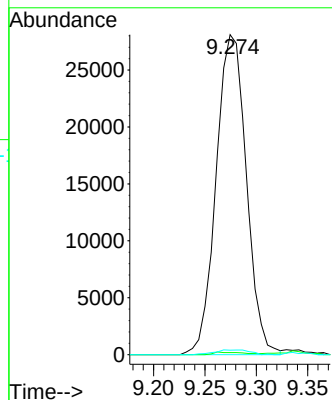
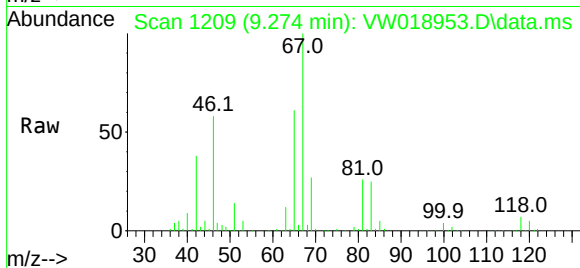




#35
Methylcyclohexane
Concen: 3.59 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018953.D
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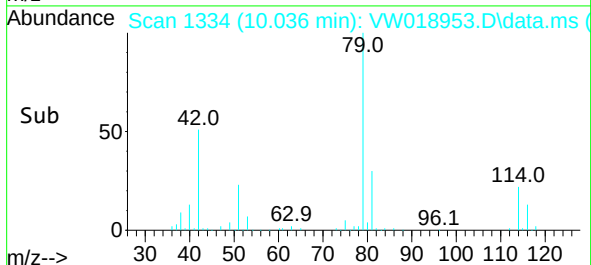
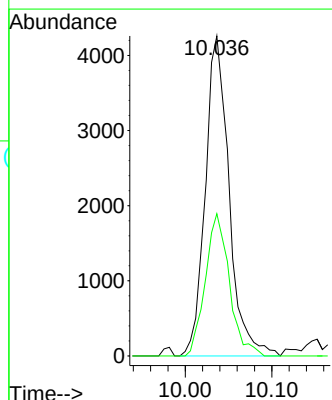
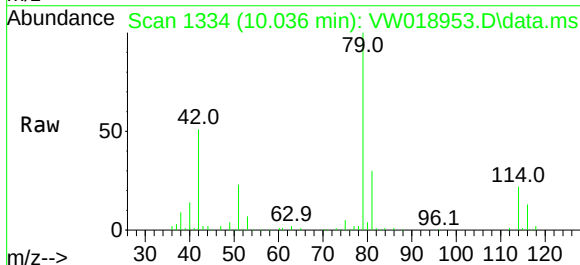
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MSVOA_W
ClientSampled :

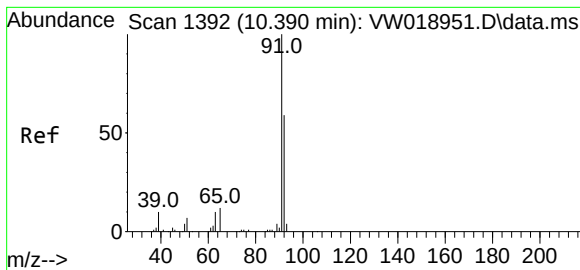
Tgt Ion: 83 Resp: 57561
Ion Ratio Lower Upper
83 100
55 0.7 58.9 88.3#
98 0.9 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.62 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018953.D
Acq: 07 May 2021 12:10

Tgt Ion: 75 Resp: 8121
Ion Ratio Lower Upper
75 100
77 44.4 22.6 42.0#





#42

Toluene

Concen: 0.32 ug/L

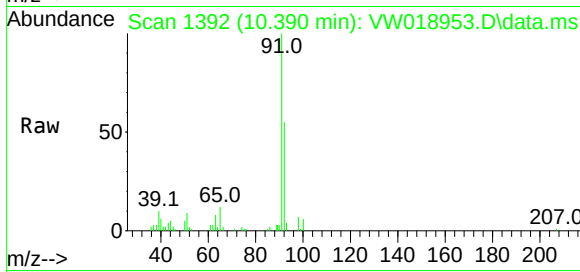
RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018953.D

Acq: 07 May 2021 12:10

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	91	Resp:	11937
Ion	Ratio	Lower	Upper
91	100		
92	55.4	39.5	73.3

