

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018892.D
 Acq On : 03 May 2021 12:33
 Operator : SY/VA
 Sample : VW0503SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 04 01:15:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 04 01:15:32 2021
 Response via : Initial Calibration

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

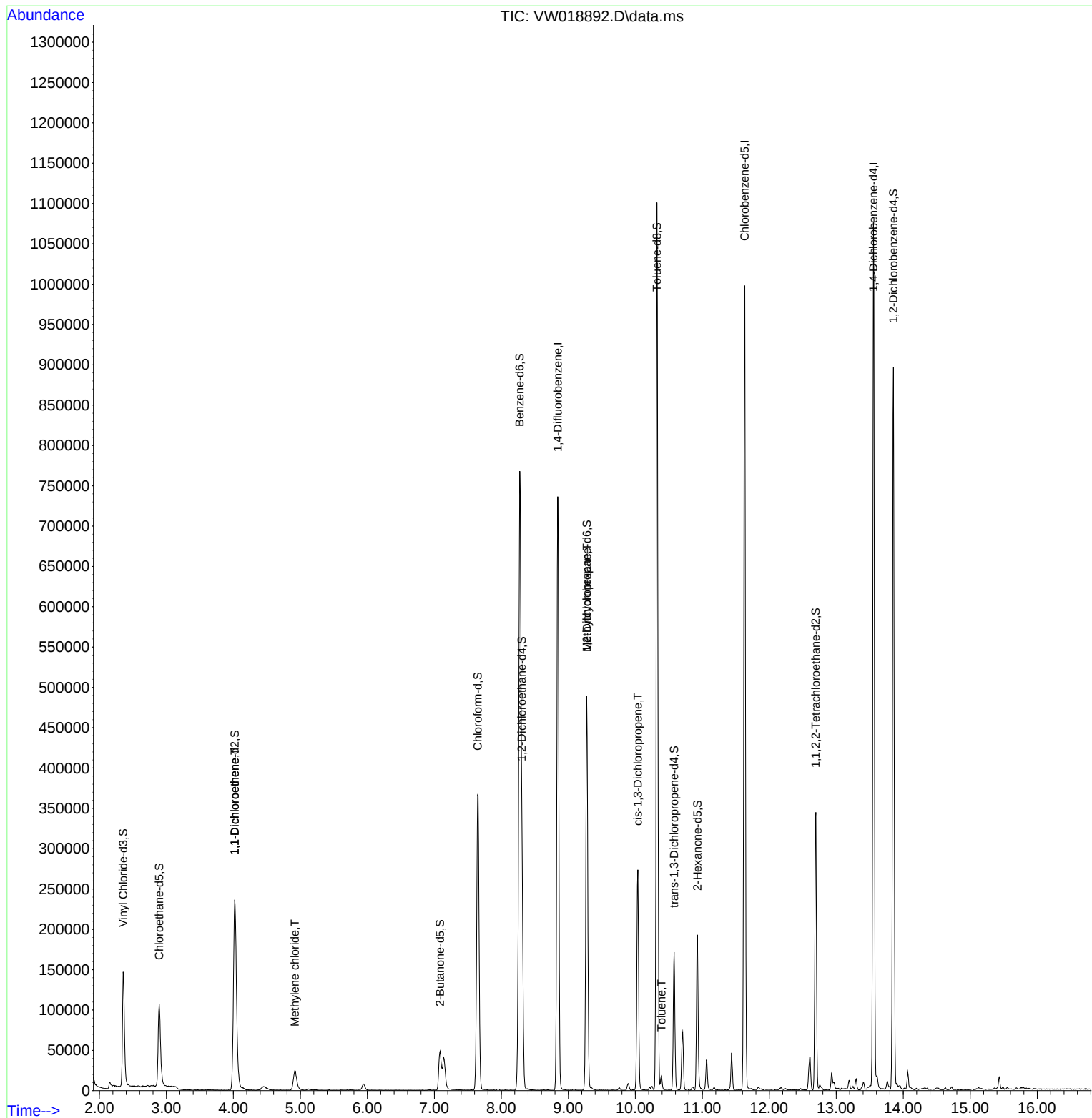
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	616549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	546110	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	264707	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	179009	22.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.52%		
7) Chloroethane-d5	2.892	69	139554	22.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.08%		
11) 1,1-Dichloroethene-d2	4.019	63	271446	17.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.12%		
21) 2-Butanone-d5	7.086	46	82325	39.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.92%		
24) Chloroform-d	7.647	84	376878	23.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.16%		
26) 1,2-Dichloroethane-d4	8.305	65	209656	23.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.76%		
32) Benzene-d6	8.275	84	759985	24.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.52%		
36) 1,2-Dichloropropane-d6	9.275	67	219466	23.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.88%		
41) Toluene-d8	10.323	98	701695	24.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.52%		
43) trans-1,3-Dichloroprop...	10.579	79	93288	22.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.68%		
47) 2-Hexanone-d5	10.927	63	69083	42.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.30%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	168853	21.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.08%		
66) 1,2-Dichlorobenzene-d4	13.853	152	222271	24.51	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.04%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.019	96	2262	0.28	ug/L #	1
16) Methylene chloride	4.916	84	21092	2.07	ug/L	92
35) Methylcyclohexane	9.275	83	55569	3.62	ug/L #	20
39) cis-1,3-Dichloropropene	10.037	75	7790	0.62	ug/L #	73
42) Toluene	10.390	91	11826	0.33	ug/L	91

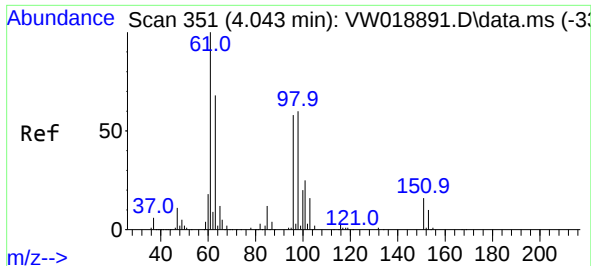
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
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Quant Time: May 04 01:15:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 04 01:15:32 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.28 ug/L

RT: 4.019 min Scan# 347

Delta R.T. -0.024 min

Lab File: VW018892.D

Acq: 03 May 2021 12:33

Tgt Ion: 96 Resp: 2262

Ion Ratio Lower Upper

96 100

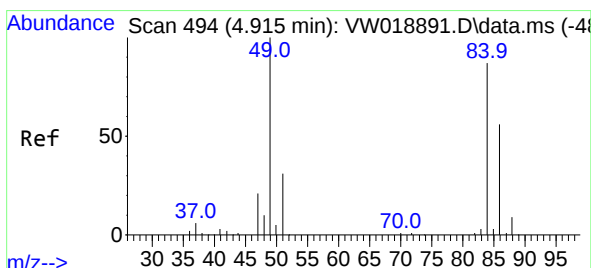
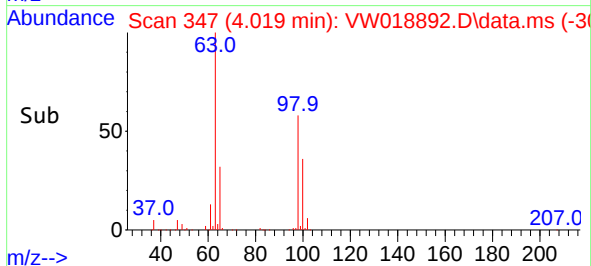
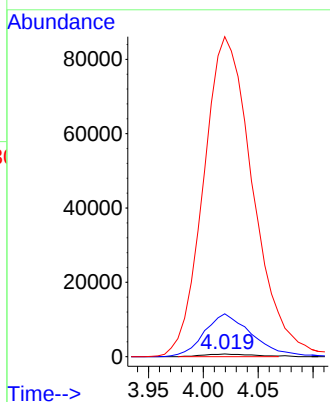
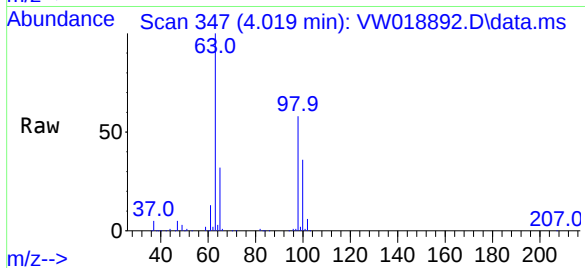
61 1572.7 118.1 219.3#

63 11713.7 83.7 155.5#

Instrument :

MSVOA_W

ClientSampled :



#16

Methylene chloride

Concen: 2.07 ug/L

RT: 4.916 min Scan# 494

Delta R.T. 0.000 min

Lab File: VW018892.D

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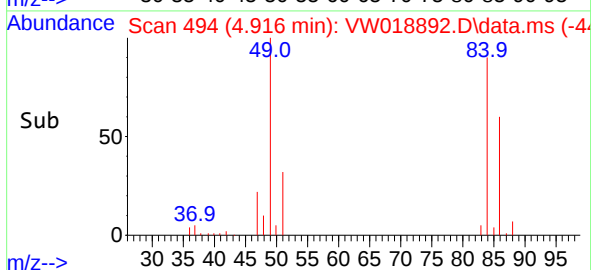
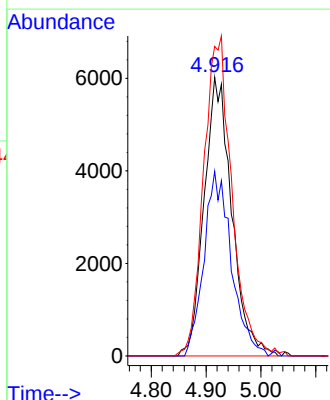
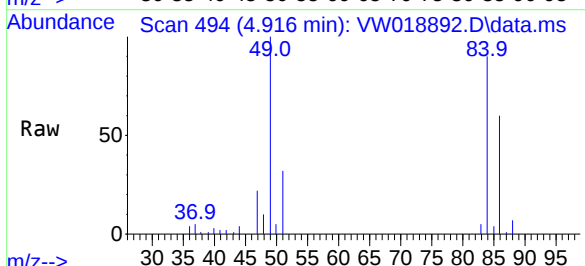
Tgt Ion: 84 Resp: 21092

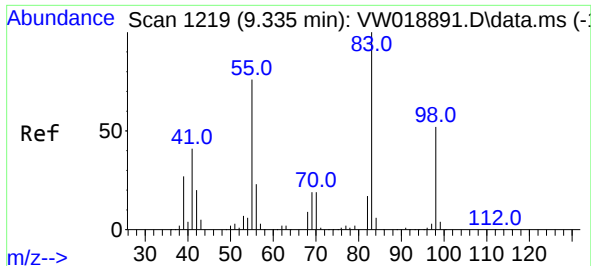
Ion Ratio Lower Upper

84 100

86 66.2 45.3 84.1

49 111.1 86.6 160.8

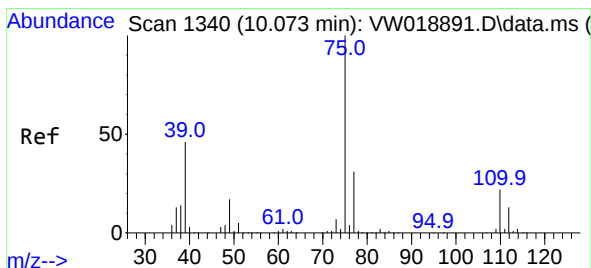
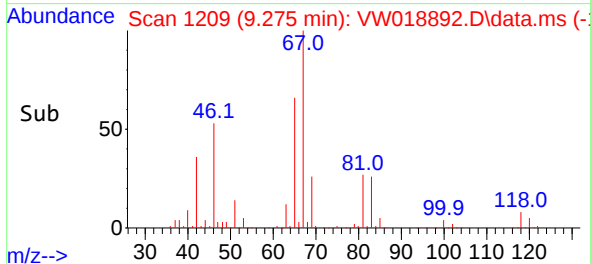
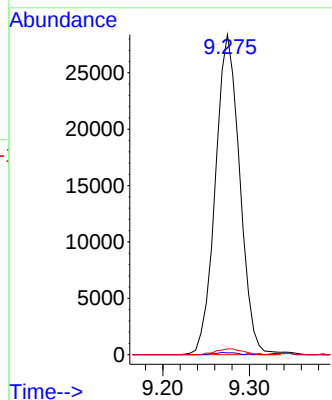
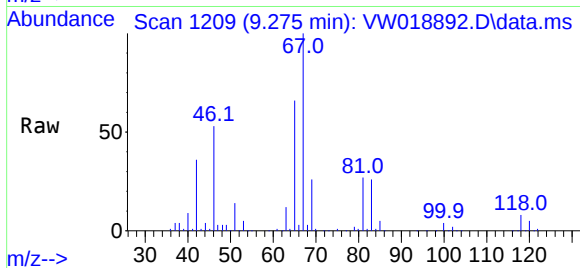




#35
Methylcyclohexane
Concen: 3.62 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018892.D
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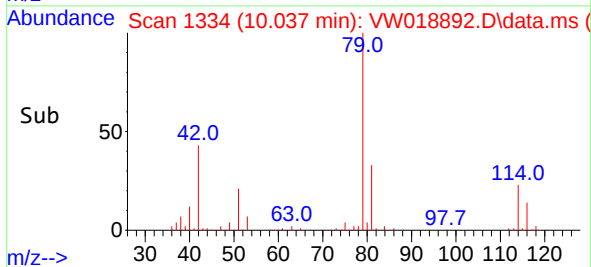
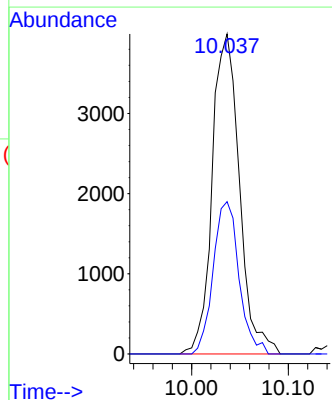
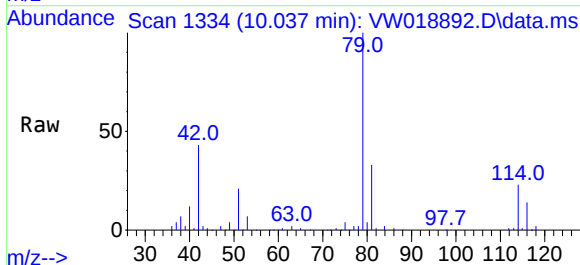
Instrument :
MSVOA_W
ClientSampled :

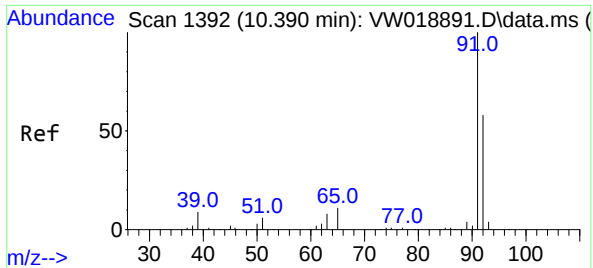
Tgt Ion: 83 Resp: 55569
Ion Ratio Lower Upper
83 100
55 0.6 58.9 88.3#
98 2.0 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.62 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018892.D
Acq: 03 May 2021 12:33

Tgt Ion: 75 Resp: 7790
Ion Ratio Lower Upper
75 100
77 47.6 22.6 42.0#





#42
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018892.D
Acq: 03 May 2021 12:33

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 11826
Ion Ratio Lower Upper
91 100
92 62.7 39.5 73.3

