

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018766.D
 Acq On : 23 Apr 2021 18:33
 Operator : SY/VA
 Sample : M2165-15
 Misc : 7.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 00:19:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 24 00:16:05 2021
 Response via : Initial Calibration

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

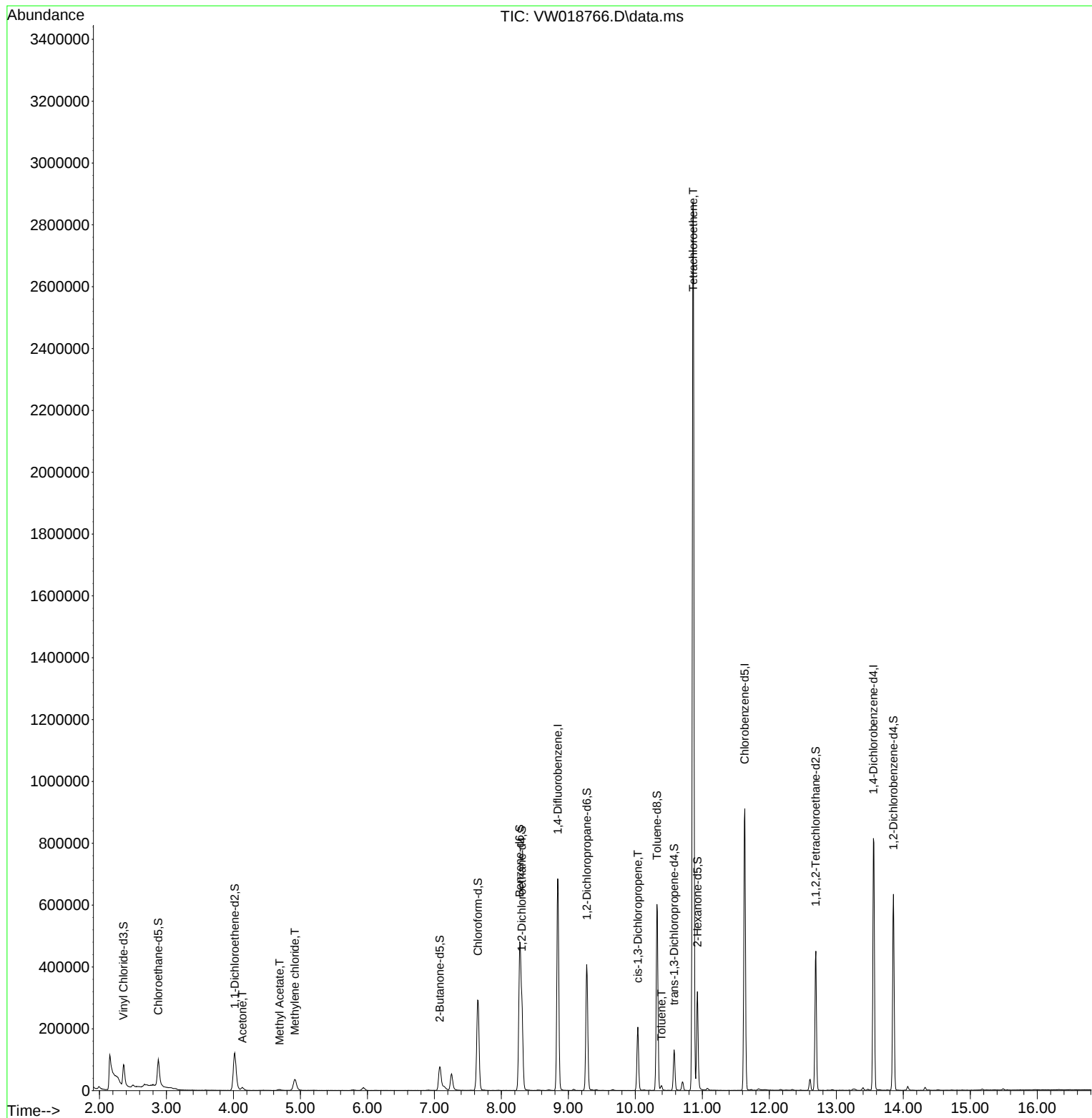
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	581001	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	500711	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	206447	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	96487	10.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	43.72%		
7) Chloroethane-d5	2.879	69	104464	13.35	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.40%		
11) 1,1-Dichloroethene-d2	4.019	63	133266	8.69	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	34.76%#		
21) 2-Butanone-d5	7.079	46	130528	64.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	129.90%		
24) Chloroform-d	7.653	84	306220	19.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.80%		
26) 1,2-Dichloroethane-d4	8.305	65	195644	21.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.28%		
32) Benzene-d6	8.274	84	495678	16.87	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	67.48%		
36) 1,2-Dichloropropane-d6	9.274	67	189523	21.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.64%		
41) Toluene-d8	10.323	98	404304	15.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	60.20%		
43) trans-1,3-Dichloroprop...	10.579	79	71854	19.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.28%		
47) 2-Hexanone-d5	10.926	63	112355	72.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	145.98%#		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	214694	29.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	116.16%		
66) 1,2-Dichlorobenzene-d4	13.853	152	157510	21.72	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.88%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	15741	10.79	ug/L	87
15) Methyl Acetate	4.690	43	6182	1.86	ug/L #	74
16) Methylene chloride	4.915	84	30387	3.19	ug/L	90
39) cis-1,3-Dichloropropene	10.036	75	5338	0.45	ug/L #	78
42) Toluene	10.390	91	10606	0.31	ug/L	99
46) Tetrachloroethene	10.865	164	633244	110.70	ug/L	95

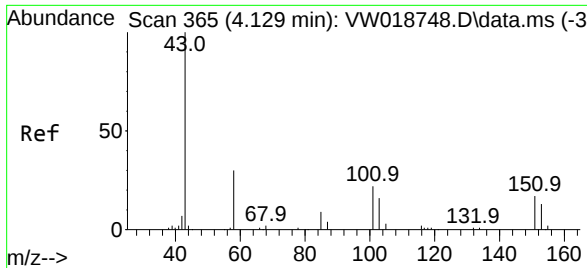
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Apr 24 00:16:05 2021
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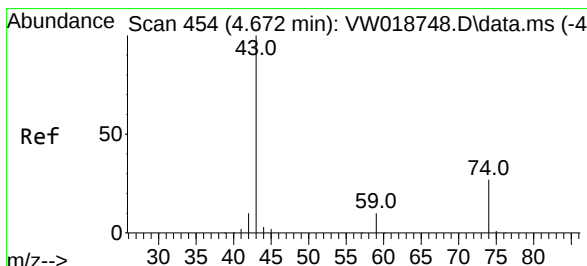
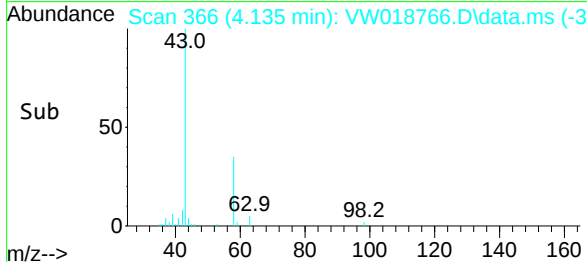
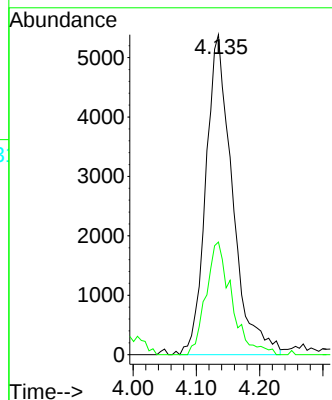
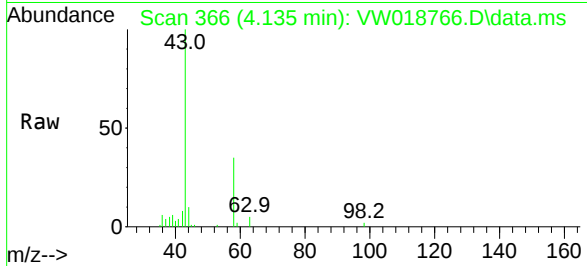




#13
Acetone
Concen: 10.79 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018766.D
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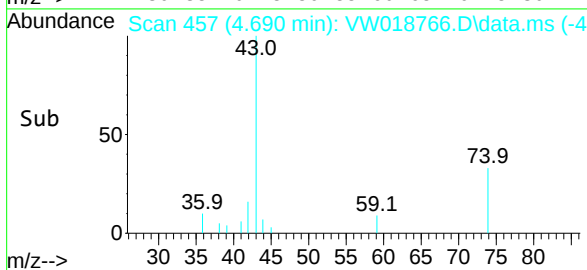
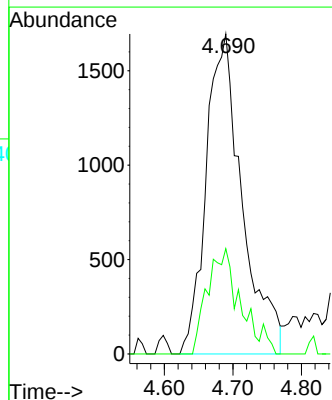
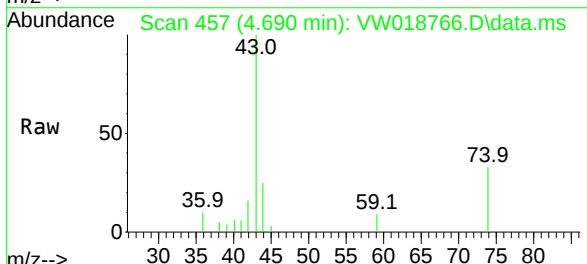
Instrument :
MSVOA_W
ClientSampled :

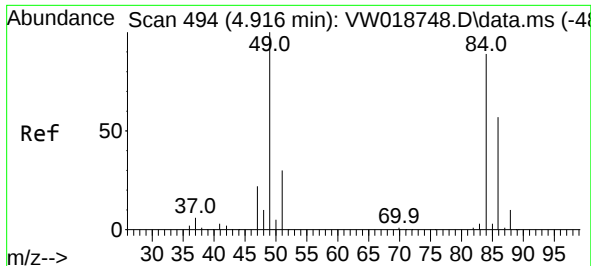
Tgt Ion: 43 Resp: 15741
Ion Ratio Lower Upper
43 100
58 33.8 0.0 53.8



#15
Methyl Acetate
Concen: 1.86 ug/L
RT: 4.690 min Scan# 457
Delta R.T. 0.018 min
Lab File: VW018766.D
Acq: 23 Apr 2021 18:33

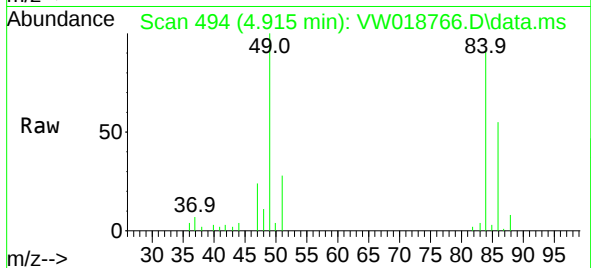
Tgt Ion: 43 Resp: 6182
Ion Ratio Lower Upper
43 100
74 11.7 20.0 30.0#



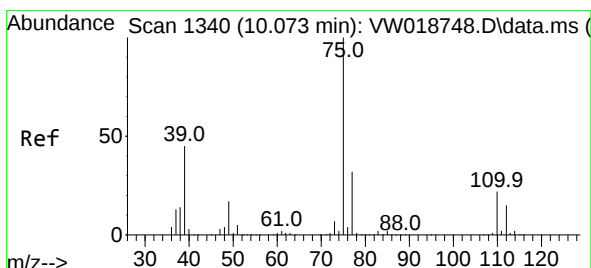
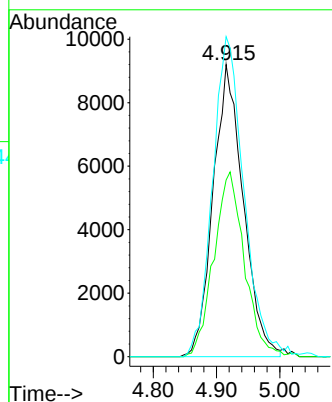
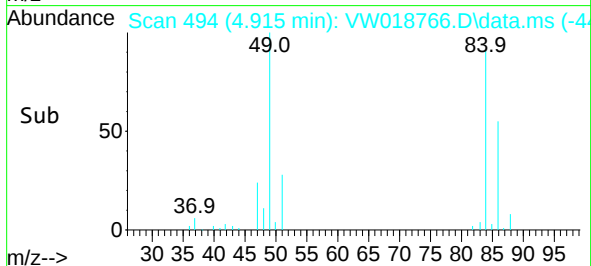


#16
Methylene chloride
Concen: 3.19 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018766.D
Acq: 23 Apr 2021 18:33

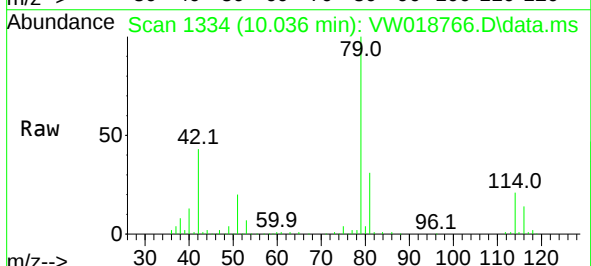
Instrument :
MSVOA_W
ClientSampled :



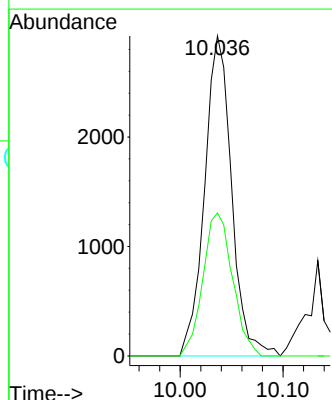
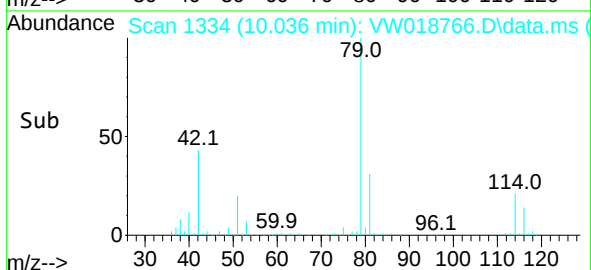
Tgt Ion: 84 Resp: 30387
Ion Ratio Lower Upper
84 100
86 60.4 45.3 84.1
49 109.5 86.6 160.8

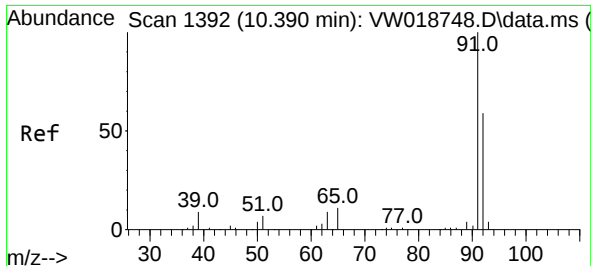


#39
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018766.D
Acq: 23 Apr 2021 18:33



Tgt Ion: 75 Resp: 5338
Ion Ratio Lower Upper
75 100
77 44.7 22.6 42.0#

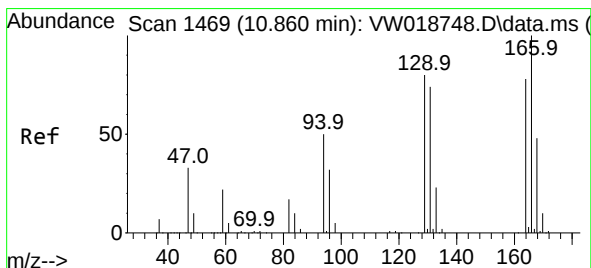
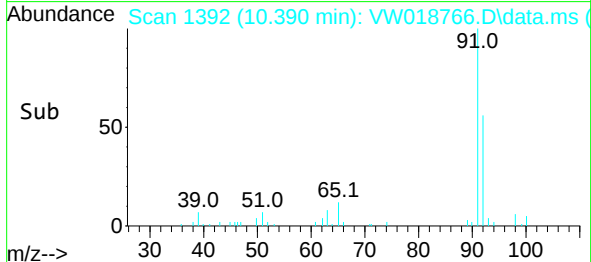
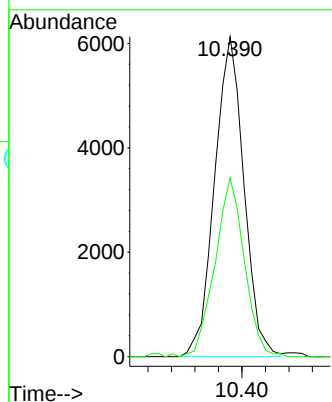
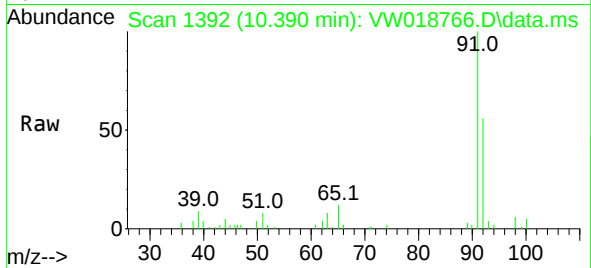




#42
Toluene
Concen: 0.31 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018766.D
Acq: 23 Apr 2021 18:33

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 10606
Ion Ratio Lower Upper
91 100
92 55.8 39.5 73.3



#46
Tetrachloroethene
Concen: 110.70 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018766.D
Acq: 23 Apr 2021 18:33

Tgt Ion:164 Resp: 633244
Ion Ratio Lower Upper
164 100
129 89.9 66.7 123.9
131 93.1 61.1 113.5
166 119.6 87.0 161.6

