

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018489.D
 Acq On : 29 Mar 2021 16:30
 Operator : SY/VA
 Sample : M1816-13RE
 Misc : 5.70G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3P6

Quant Time: Mar 30 03:14:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

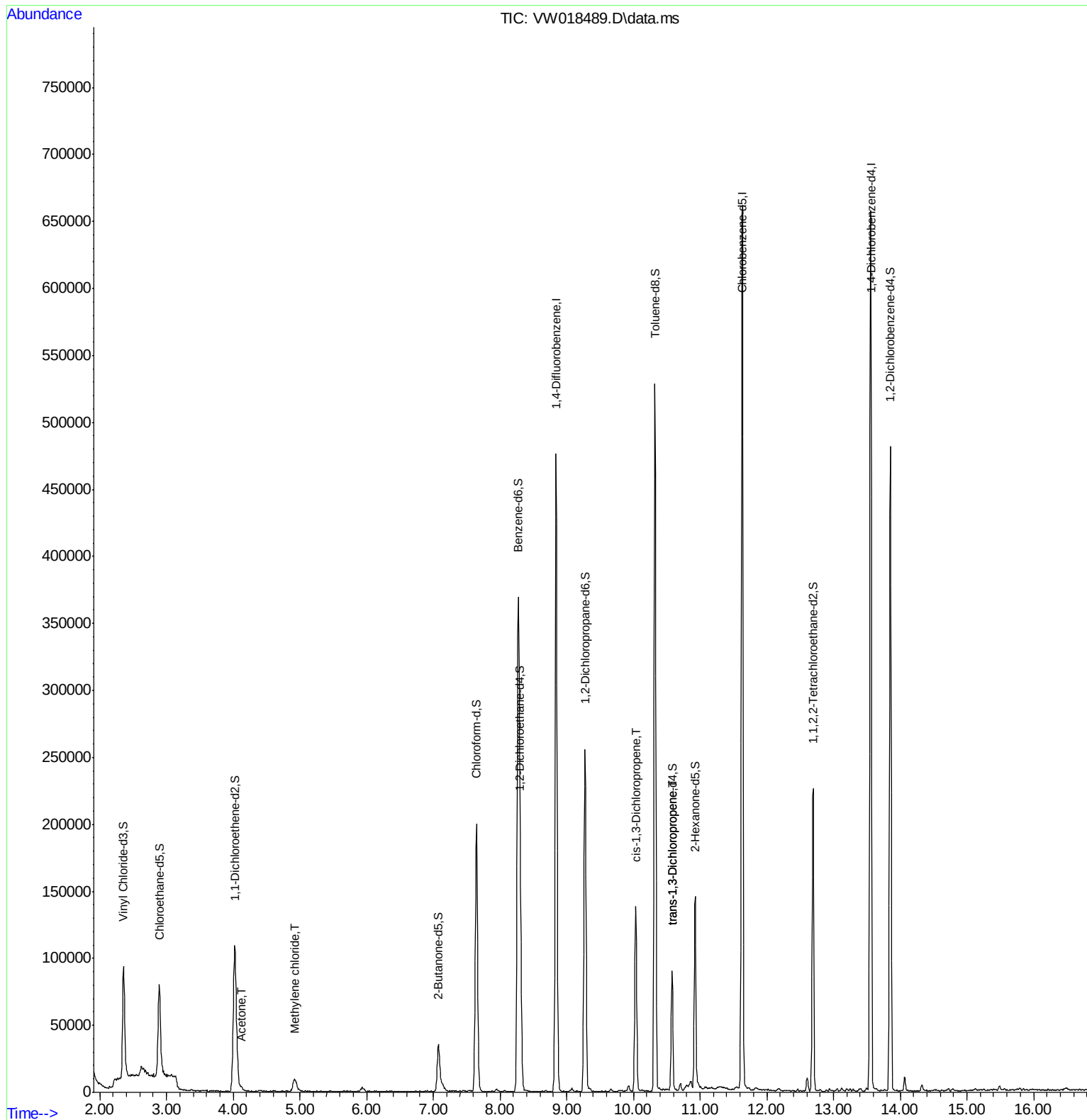
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	388126	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	353026	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	160125	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	109714	20.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.24%		
7) Chloroethane-d5	2.891	69	93910	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.44%		
10) 1,1-Dichloroethene-d2	4.019	63	129374	13.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.48%		
20) 2-Butanone-d5	7.074	46	59527	49.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.00%		
24) Chloroform-d	7.647	84	197221	19.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.80%		
26) 1,2-Dichloroethane-d4	8.305	65	122270	21.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.76%		
29) Benzene-d6	8.275	84	374118	19.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.72%		
33) 1,2-Dichloropropane-d6	9.274	67	110872	20.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.92%		
37) Toluene-d8	10.323	98	343092	18.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.96%		
38) trans-1,3-Dichloroprop...	10.579	79	47422	16.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.96%		
39) 2-Hexanone-d5	10.927	63	48317	45.61	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.22%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	104594	21.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	114976	20.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.80%		
Target Compounds						
13) Acetone	4.117	43	2519	2.92	ug/L	82
16) Methylene chloride	4.922	84	4732	0.74	ug/L	89
42) cis-1,3-Dichloropropene	10.036	75	4347	0.51	ug/L	91
45) trans-1,3-Dichloropropene	10.579	75	2653	0.35	ug/L	90

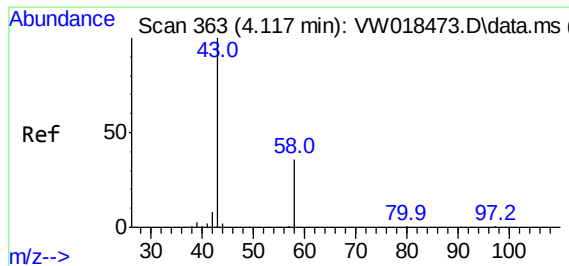
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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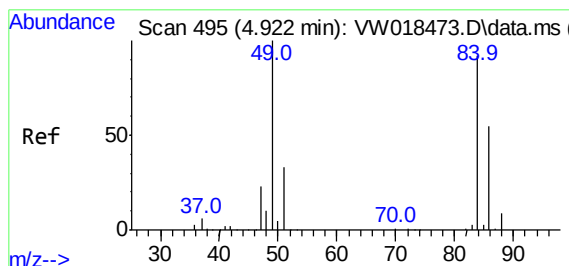
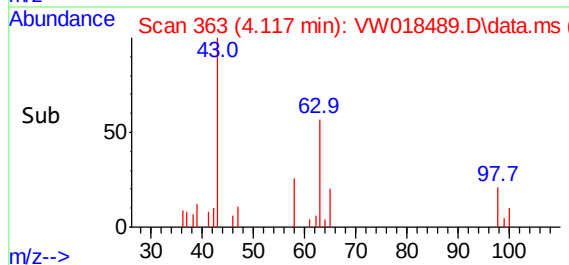
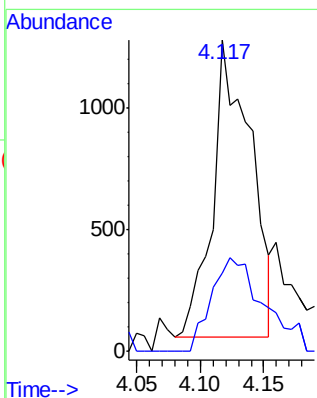
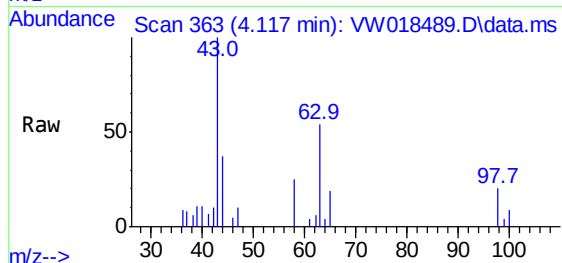




#13
Acetone
Concen: 2.92 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018489.D
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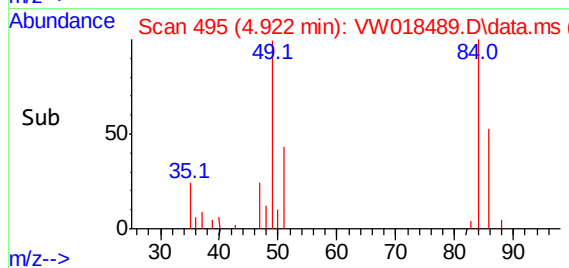
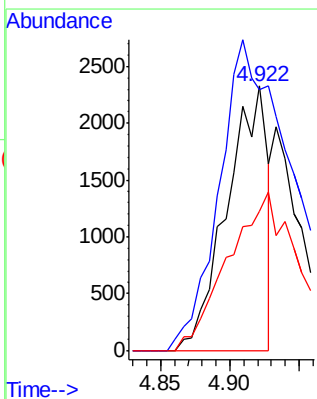
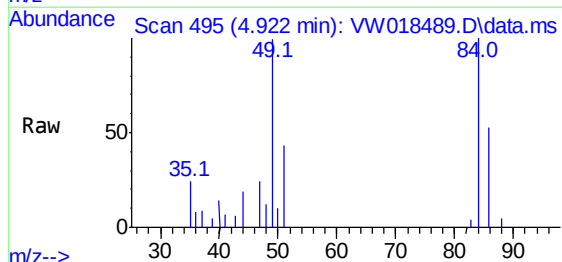
Instrument :
MSVOA_W
ClientSampled :
BG3P6

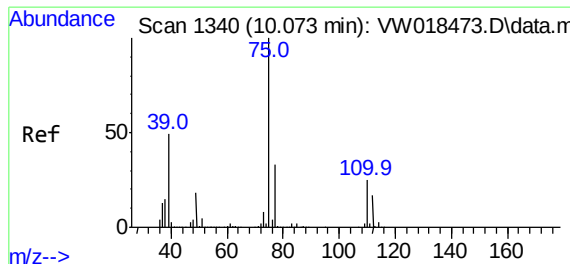
Tgt Ion: 43 Resp: 2519
Ion Ratio Lower Upper
43 100
58 41.2 0.0 62.2



#16
Methylene chloride
Concen: 0.74 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018489.D
Acq: 29 Mar 2021 16:30

Tgt Ion: 84 Resp: 4732
Ion Ratio Lower Upper
84 100
49 98.9 74.4 138.2
86 52.7 46.1 85.7

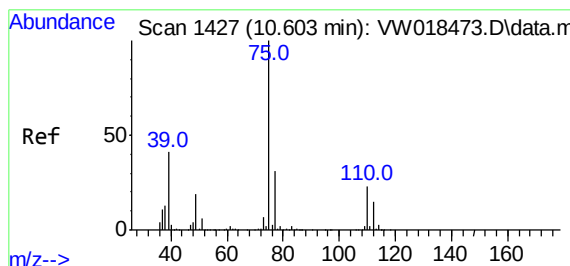
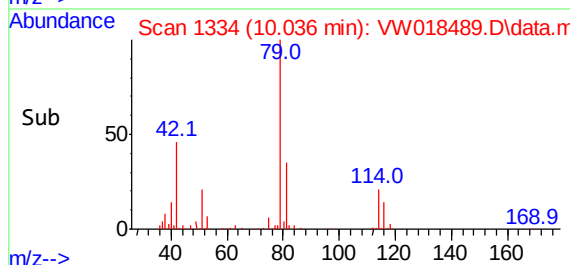
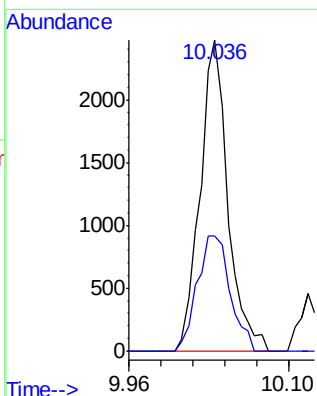
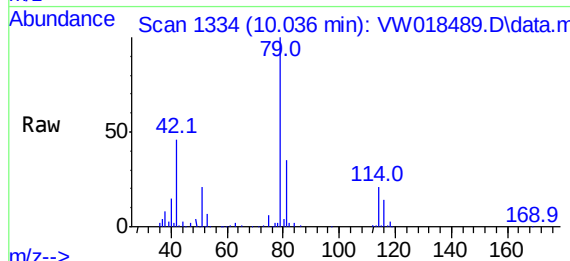




#42
cis-1,3-Dichloropropene
Concen: 0.51 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
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Instrument :
MSVOA_W
ClientSampled :
BG3P6

Tgt Ion: 75 Resp: 4347
Ion Ratio Lower Upper
75 100
77 36.9 22.4 41.6



#45
trans-1,3-Dichloropropene
Concen: 0.35 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018489.D
Acq: 29 Mar 2021 16:30

Tgt Ion: 75 Resp: 2653
Ion Ratio Lower Upper
75 100
77 37.9 22.6 42.0

