

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018486.D
 Acq On : 29 Mar 2021 15:17
 Operator : SY/VA
 Sample : M1816-17
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q4

Quant Time: Mar 30 03:13:45 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)

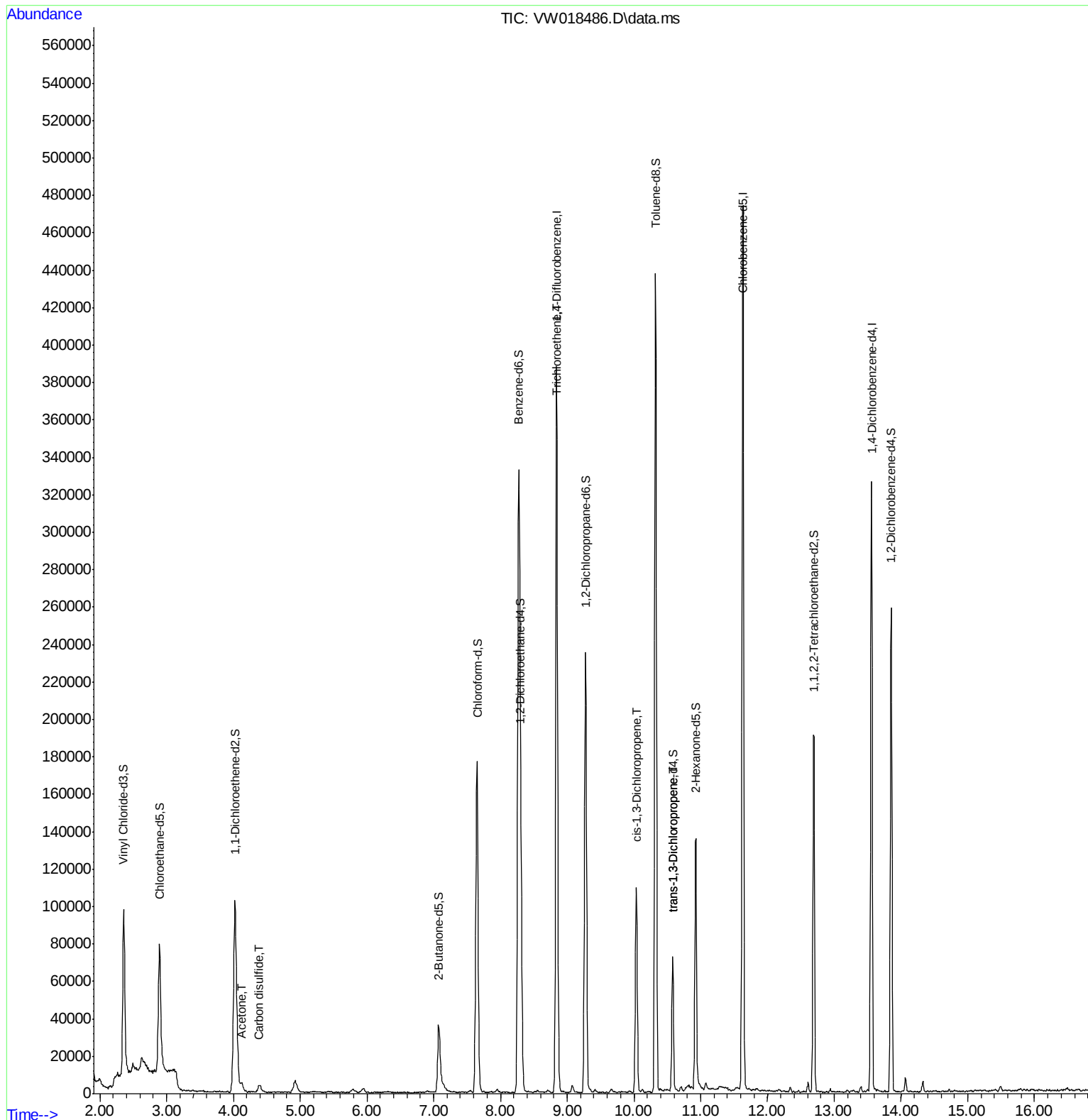
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320377	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	256887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	79320	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	104516	23.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.76%		
7) Chloroethane-d5	2.892	69	91314	23.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.60%		
10) 1,1-Dichloroethene-d2	4.025	63	116851	15.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.72%		
20) 2-Butanone-d5	7.074	46	59150	59.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.18%		
24) Chloroform-d	7.653	84	179755	22.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.12%		
26) 1,2-Dichloroethane-d4	8.305	65	111179	23.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.36%		
29) Benzene-d6	8.275	84	337818	24.74	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.96%		
33) 1,2-Dichloropropane-d6	9.275	67	100624	25.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.16%		
37) Toluene-d8	10.323	98	287131	21.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.36%		
38) trans-1,3-Dichloroprop...	10.579	79	37185	18.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.20%		
39) 2-Hexanone-d5	10.927	63	46495	60.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	120.62%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	92386	26.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	61571	21.83	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.32%		
Target Compounds						
13) Acetone	4.123	43	7152	10.03	ug/L	82
14) Carbon disulfide	4.379	76	3395	0.28	ug/L	99
35) Trichloroethene	8.848	95	9705	2.36	ug/L #	6
42) cis-1,3-Dichloropropene	10.037	75	3545	0.58	ug/L	98
45) trans-1,3-Dichloropropene	10.579	75	1853	0.34	ug/L	86

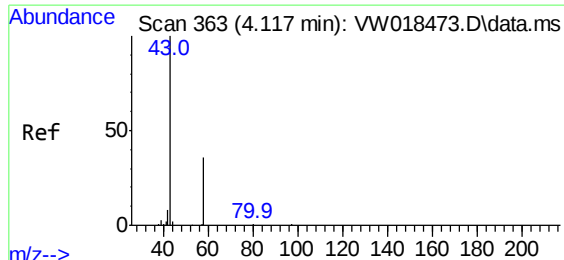
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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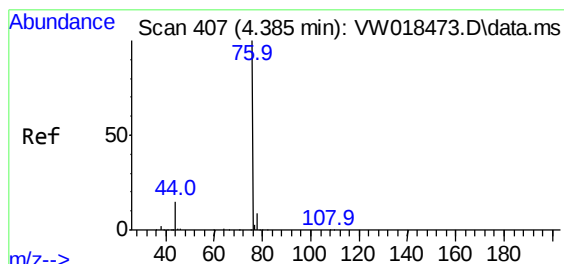
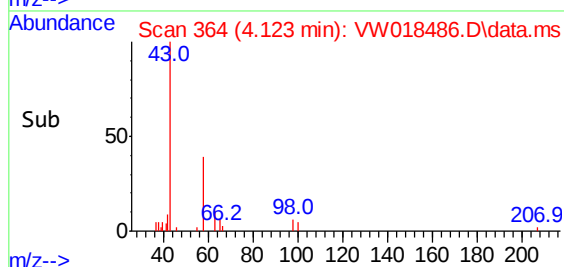
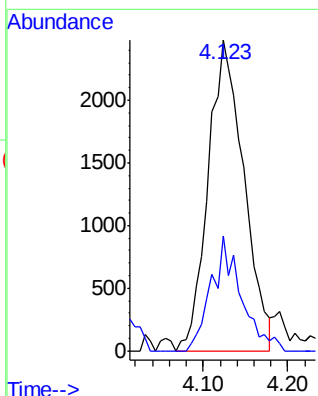
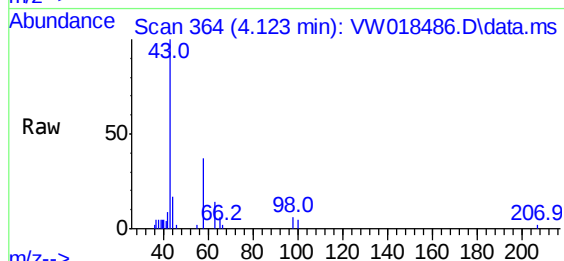




#13
Acetone
Concen: 10.03 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018486.D
Acq: 29 Mar 2021 15:17

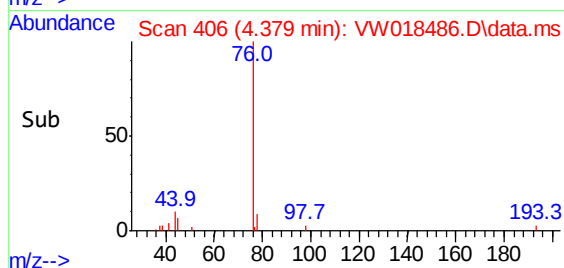
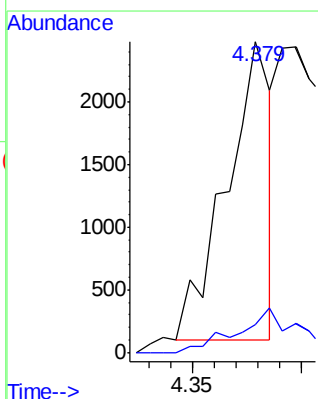
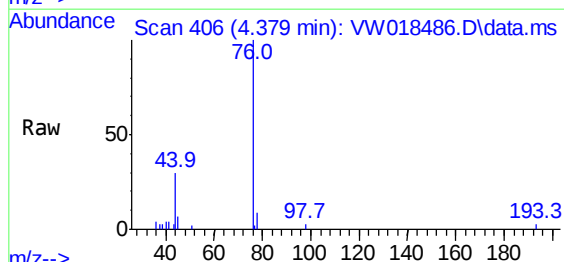
Instrument :
MSVOA_W
ClientSampled :
BG3Q4

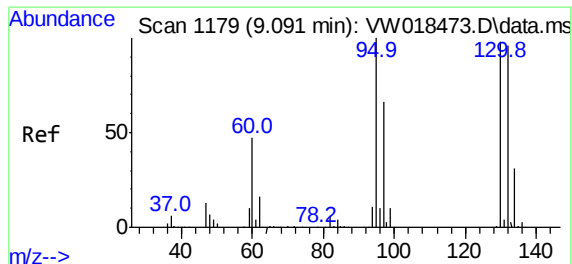
Tgt Ion: 43 Resp: 7152
Ion Ratio Lower Upper
43 100
58 21.2 0.0 62.2



#14
Carbon disulfide
Concen: 0.28 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018486.D
Acq: 29 Mar 2021 15:17

Tgt Ion: 76 Resp: 3395
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



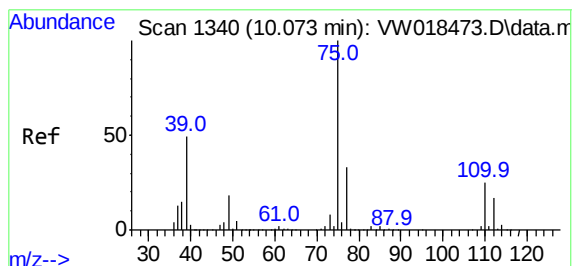
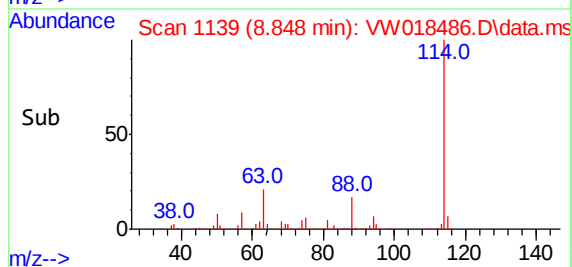
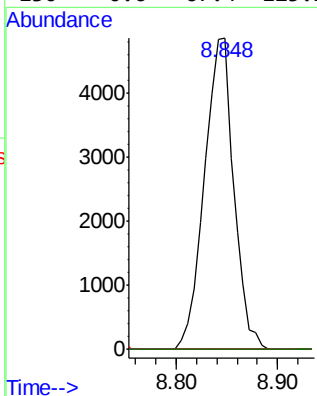
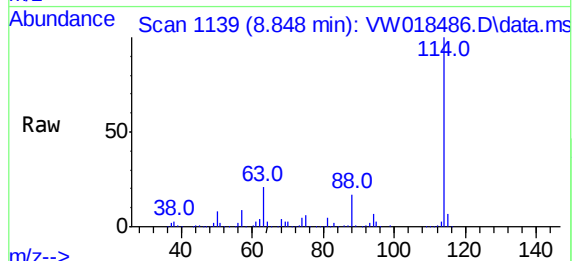


#35
Trichloroethene
Concen: 2.36 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW018486.D
Acq: 29 Mar 2021 15:17

Instrument :
MSVOA_W
ClientSampleId :
BG3Q4

Tgt Ion: 95 Resp: 9705

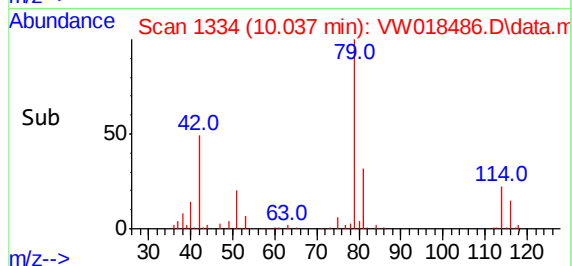
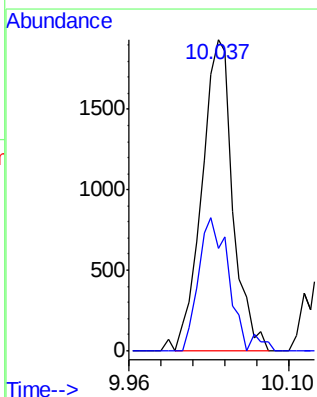
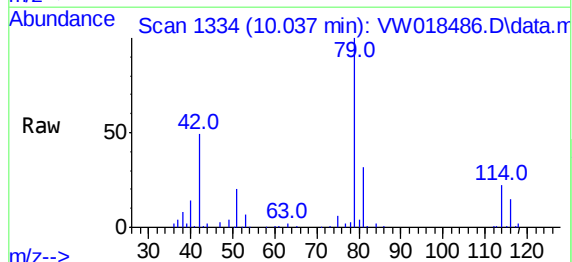
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	65.9	122.5#
130	0.6	67.4	125.2#

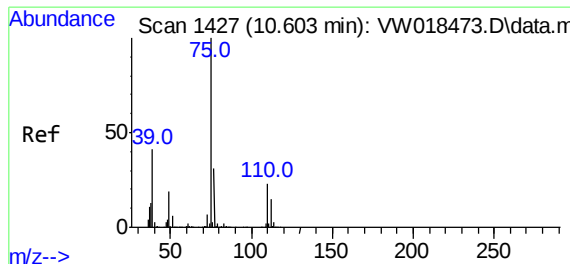


#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018486.D
Acq: 29 Mar 2021 15:17

Tgt Ion: 75 Resp: 3545

Ion	Ratio	Lower	Upper
75	100		
77	32.9	22.4	41.6





#45
 trans-1,3-Dichloropropene
 Concen: 0.34 ug/L
 RT: 10.579 min Scan# 1423
 Delta R.T. -0.024 min
 Lab File: VW018486.D
 Acq: 29 Mar 2021 15:17

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q4

Tgt Ion: 75 Resp: 1853
 Ion Ratio Lower Upper
 75 100
 77 40.2 22.6 42.0

