

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018485.D
 Acq On : 29 Mar 2021 14:53
 Operator : SY/VA
 Sample : M1816-16
 Misc : 5.57G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q2

Quant Time: Mar 30 03:13:30 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)

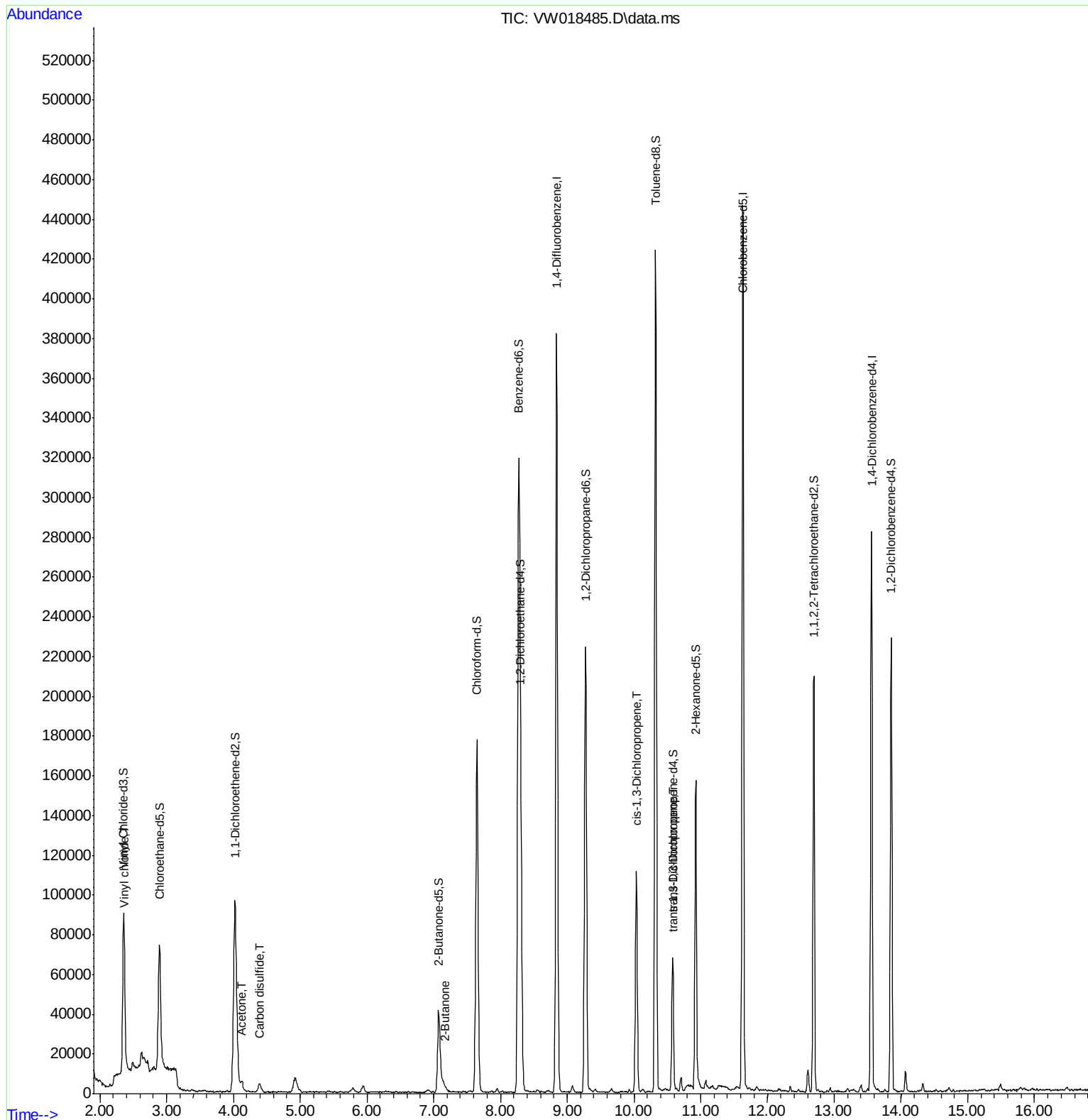
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	310272	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	233724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	68186	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	99184	22.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.88%		
7) Chloroethane-d5	2.892	69	88201	23.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.36%		
10) 1,1-Dichloroethene-d2	4.019	63	112142	15.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.16%		
20) 2-Butanone-d5	7.074	46	67864	70.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	141.20%#		
24) Chloroform-d	7.647	84	173979	22.01	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.04%		
26) 1,2-Dichloroethane-d4	8.305	65	114403	24.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.20%		
29) Benzene-d6	8.275	84	322662	25.97	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.88%		
33) 1,2-Dichloropropane-d6	9.275	67	100754	28.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	112.44%		
37) Toluene-d8	10.323	98	275287	23.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.04%		
38) trans-1,3-Dichloroprop...	10.579	79	37322	20.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.76%		
39) 2-Hexanone-d5	10.927	63	52523	74.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	149.76%#		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	98697	30.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	123.12%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	56634	23.36	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.44%		
Target Compounds						
5) Vinyl chloride	2.367	62	6607	1.12	ug/L #	50
13) Acetone	4.123	43	7660	11.09	ug/L	92
14) Carbon disulfide	4.397	76	7582	0.65	ug/L #	85
21) 2-Butanone	7.171	43	1190	1.08	ug/L	98
42) cis-1,3-Dichloropropene	10.037	75	3291	0.59	ug/L	83
45) trans-1,3-Dichloropropene	10.585	75	2025	0.40	ug/L	90

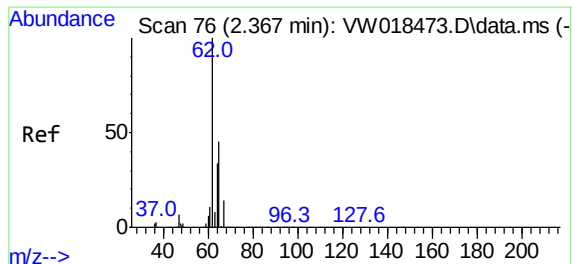
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Mar 30 03:10:03 2021
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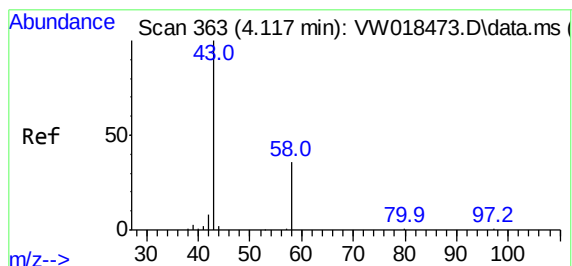
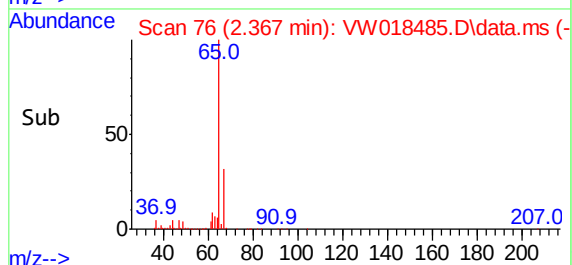
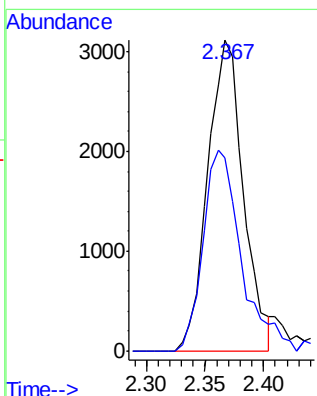
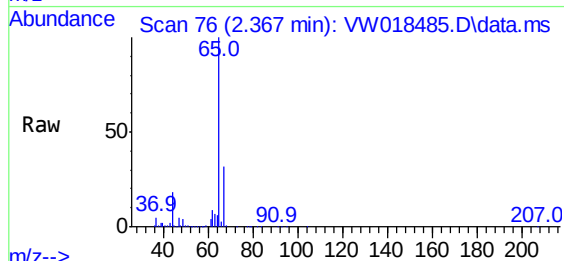




#5
 Vinyl chloride
 Concen: 1.12 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018485.D
 Acq: 29 Mar 2021 14:53

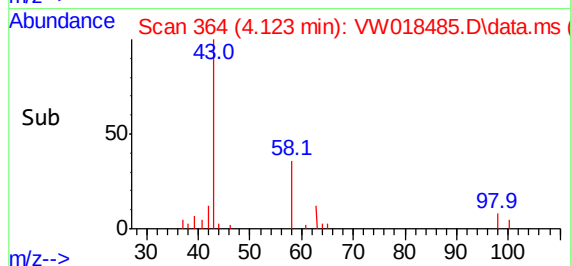
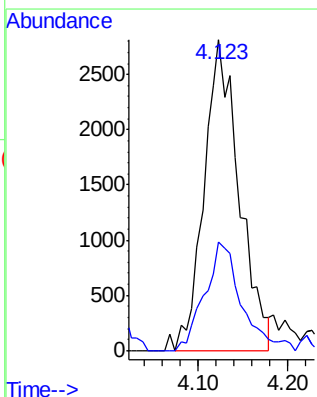
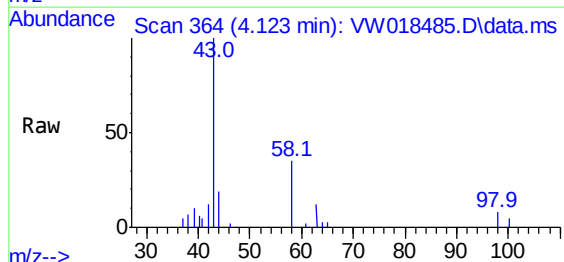
Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q2

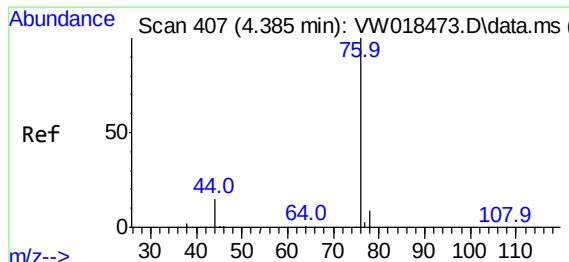
Tgt Ion: 62 Resp: 6607
 Ion Ratio Lower Upper
 62 100
 64 62.0 23.5 43.7#



#13
 Acetone
 Concen: 11.09 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018485.D
 Acq: 29 Mar 2021 14:53

Tgt Ion: 43 Resp: 7660
 Ion Ratio Lower Upper
 43 100
 58 35.3 0.0 62.2

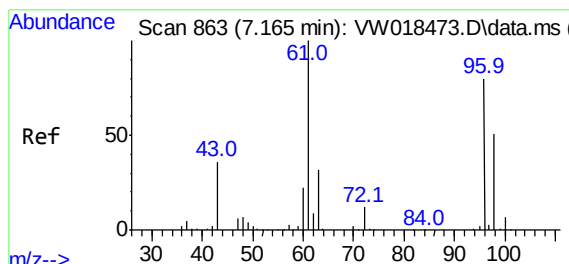
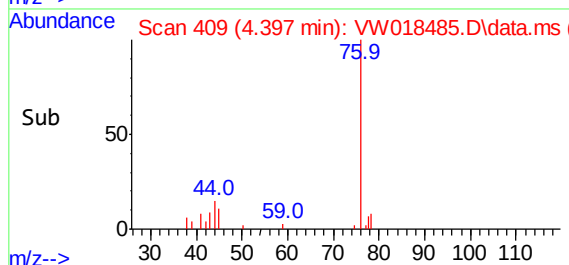
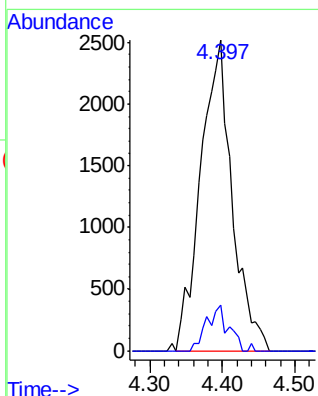
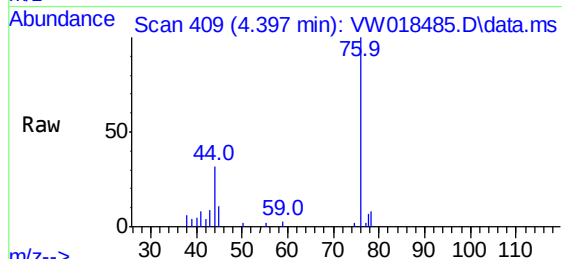




#14
Carbon disulfide
Concen: 0.65 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW018485.D
Acq: 29 Mar 2021 14:53

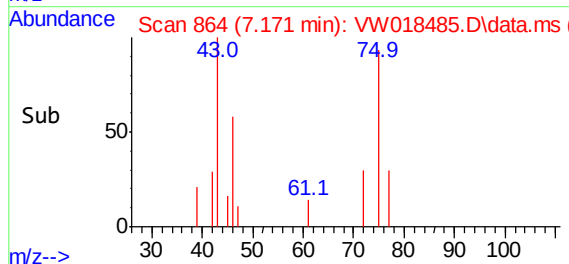
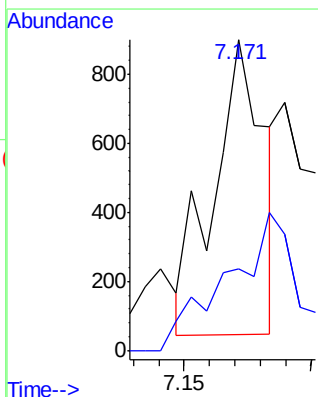
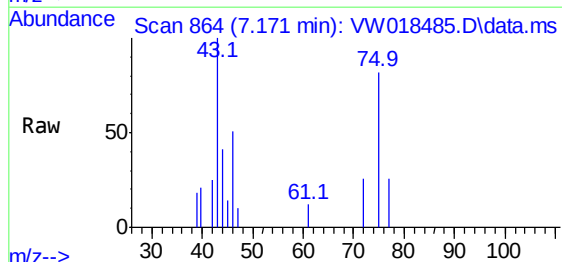
Instrument :
MSVOA_W
ClientSampleId :
BG3Q2

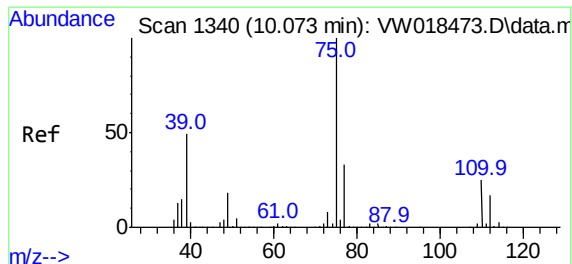
Tgt Ion: 76 Resp: 7582
Ion Ratio Lower Upper
76 100
78 14.6 7.4 11.2#



#21
2-Butanone
Concen: 1.08 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018485.D
Acq: 29 Mar 2021 14:53

Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
72 31.7 16.5 49.5

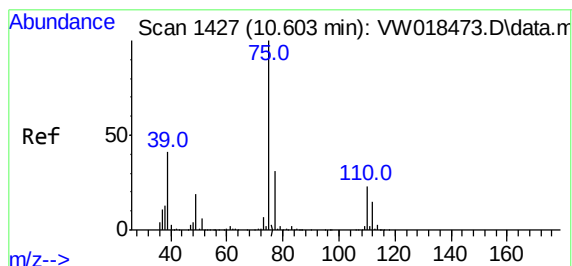
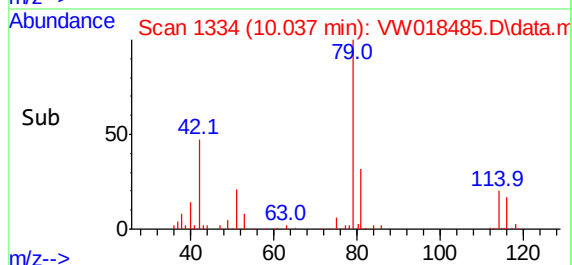
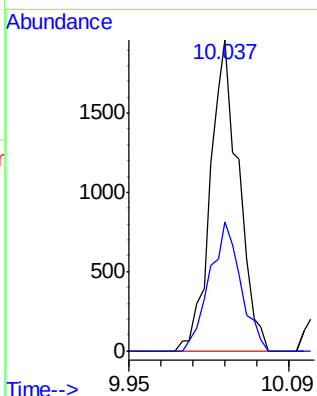
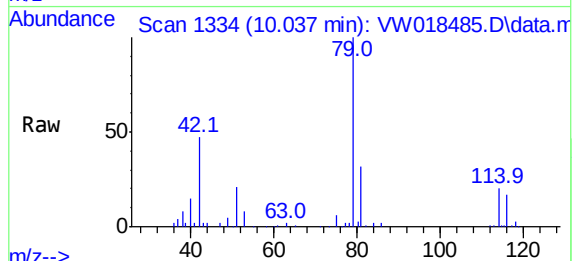




#42
cis-1,3-Dichloropropene
Concen: 0.59 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018485.D
Acq: 29 Mar 2021 14:53

Instrument :
MSVOA_W
ClientSampled :
BG3Q2

Tgt Ion: 75 Resp: 3291
Ion Ratio Lower Upper
75 100
77 41.5 22.4 41.6



#45
trans-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018485.D
Acq: 29 Mar 2021 14:53

Tgt Ion: 75 Resp: 2025
Ion Ratio Lower Upper
75 100
77 38.1 22.6 42.0

