

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017935.D
 Acq On : 18 Jan 2021 17:53
 Operator : SY/VA
 Sample : M1167-01
 Misc : 6.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT71

Quant Time: Jan 19 06:59:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 06:55:11 2021
 Response via : Initial Calibration

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

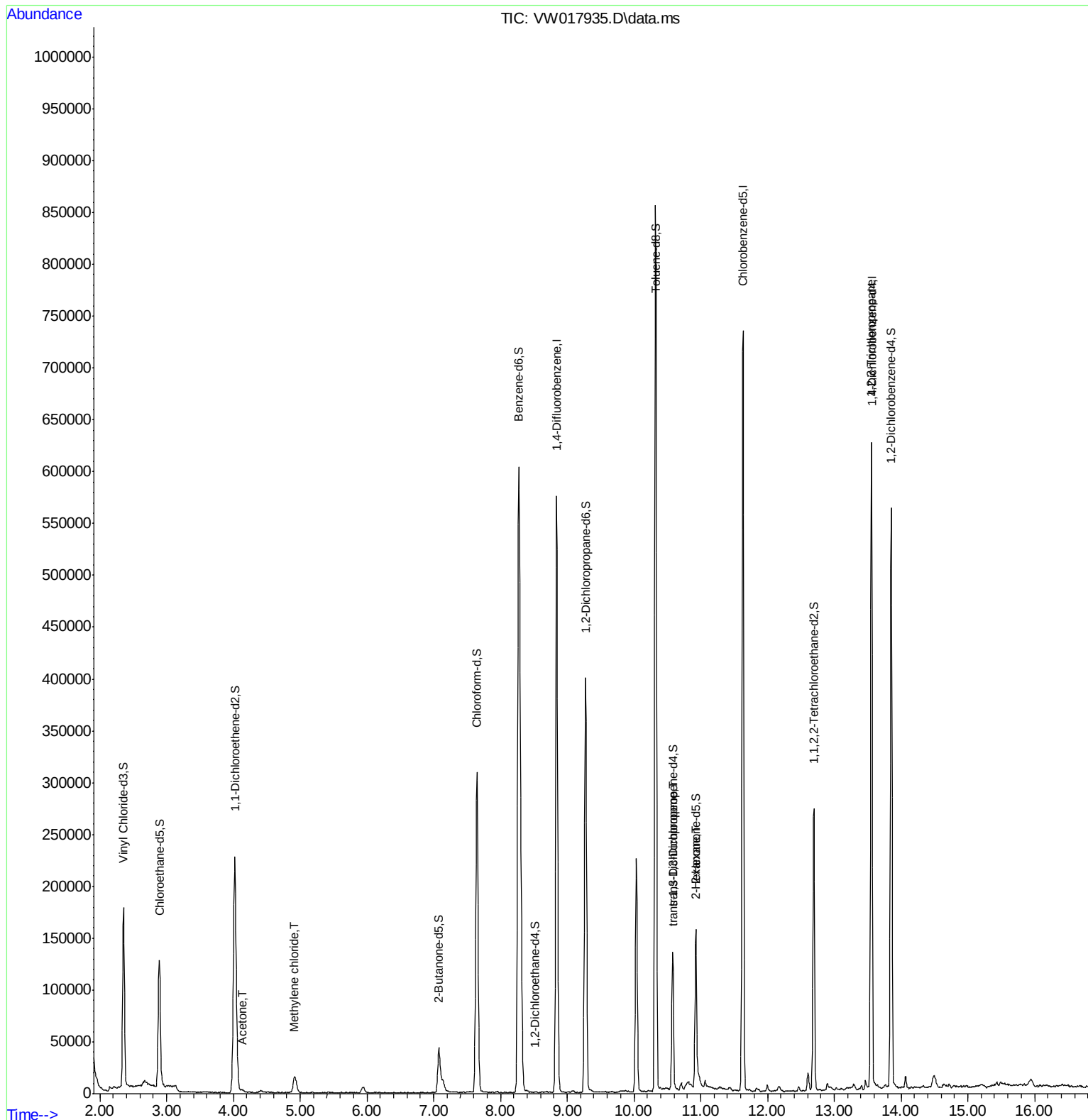
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	483426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	405481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	157244	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	184501	24.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.24%		
7) Chloroethane-d5	2.891	69	147479	23.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.16%		
10) 1,1-Dichloroethene-d2	4.019	63	239067	17.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.76%		
20) 2-Butanone-d5	7.080	46	73973	40.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.62%		
24) Chloroform-d	7.647	84	309612	23.47	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.88%		
26) 1,2-Dichloroethane-d4	8.518	65	49	0.01	ug/L	0.21
Spiked Amount 25.000	Range 70 - 130		Recovery =	0.04%#		
29) Benzene-d6	8.275	84	607691	26.19	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	104.76%		
33) 1,2-Dichloropropane-d6	9.274	67	171457	25.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.84%		
37) Toluene-d8	10.323	98	553936	25.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.68%		
38) trans-1,3-Dichloroprop...	10.579	79	70285	23.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	93.20%		
39) 2-Hexanone-d5	10.927	63	53953	45.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.14%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	128915	21.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.80%		
61) 1,2-Dichlorobenzene-d4	13.853	152	136132	24.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.52%		
Target Compounds						
13) Acetone	4.141	43	3727	2.88	ug/L	60
16) Methylene chloride	4.915	84	12891	1.84	ug/L	95
45) trans-1,3-Dichloropropene	10.585	75	3970	0.49	ug/L	86
49) 2-Hexanone	10.920	43	7425	2.79	ug/L #	62
59) 1,2,3-Trichloropropane	13.554	75	21472	4.93	ug/L	99

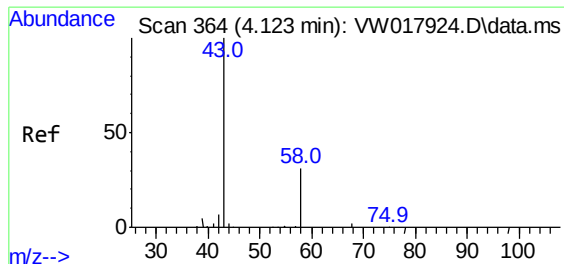
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 19 06:55:11 2021
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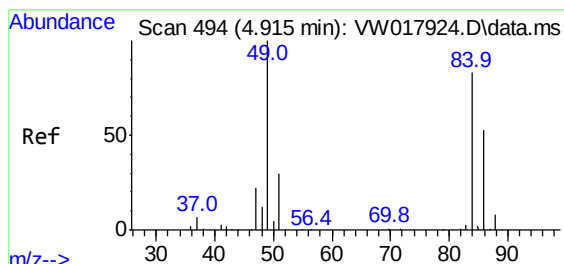
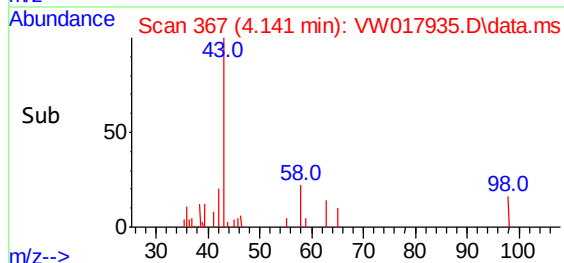
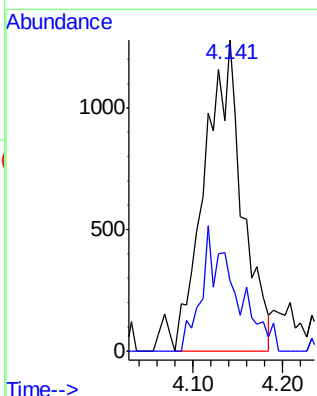
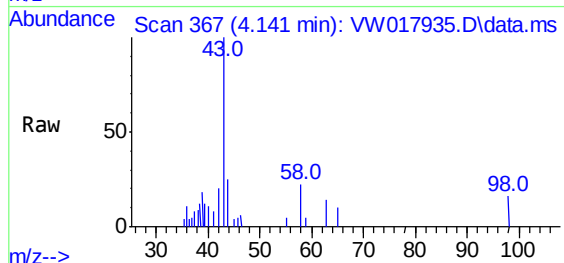




#13
Acetone
Concen: 2.88 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW017935.D
Acq: 18 Jan 2021 17:53

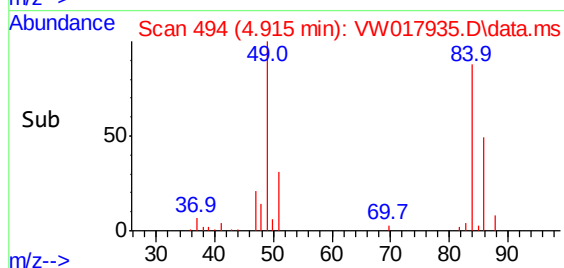
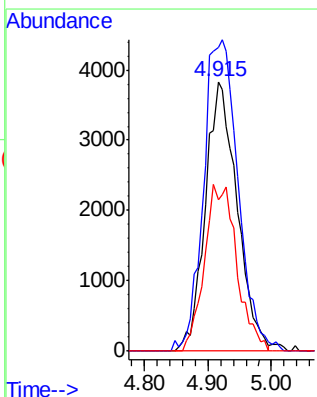
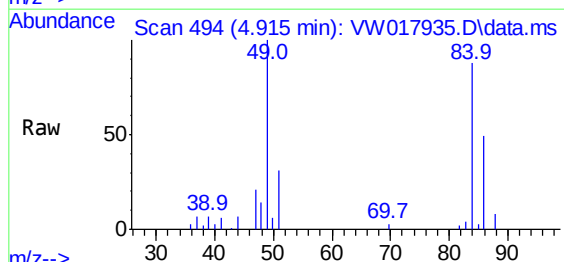
Instrument :
MSVOA_W
ClientSampled :
BFT71

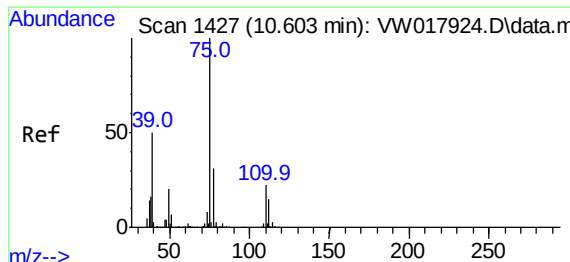
Tgt Ion: 43 Resp: 3727
Ion Ratio Lower Upper
43 100
58 11.1 0.0 68.4



#16
Methylene chloride
Concen: 1.84 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017935.D
Acq: 18 Jan 2021 17:53

Tgt Ion: 84 Resp: 12891
Ion Ratio Lower Upper
84 100
49 113.0 81.2 150.8
86 55.9 44.5 82.7





#45

trans-1,3-Dichloropropene

Concen: 0.49 ug/L

RT: 10.585 min Scan# 1424

Delta R.T. -0.018 min

Lab File: VW017935.D

Acq: 18 Jan 2021 17:53

Tgt Ion: 75 Resp: 3970

Ion Ratio Lower Upper

75 100

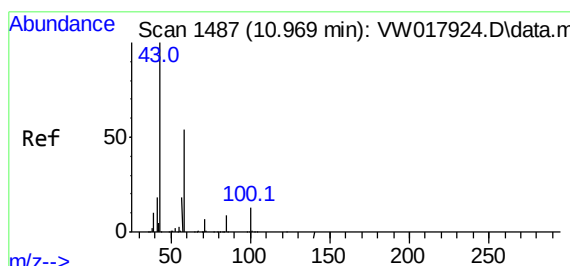
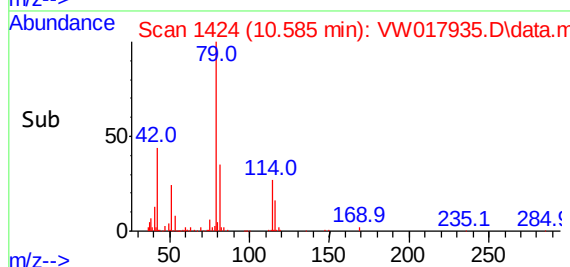
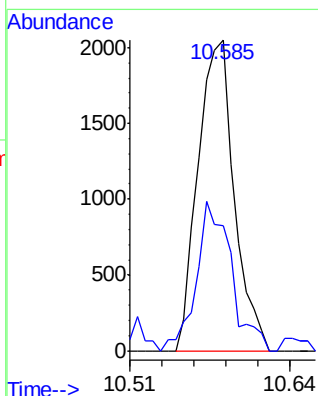
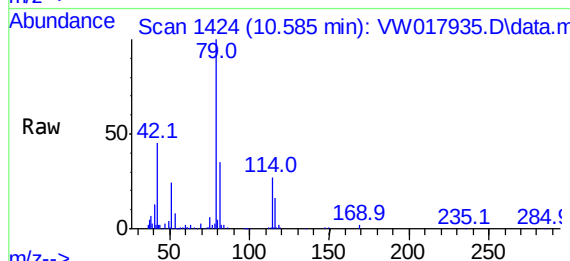
77 40.3 22.6 42.0

Instrument :

MSVOA_W

ClientSampled :

BFT71



#49

2-Hexanone

Concen: 2.79 ug/L

RT: 10.920 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW017935.D

Acq: 18 Jan 2021 17:53

Tgt Ion: 43 Resp: 7425

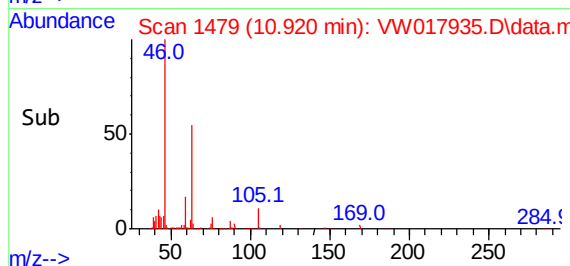
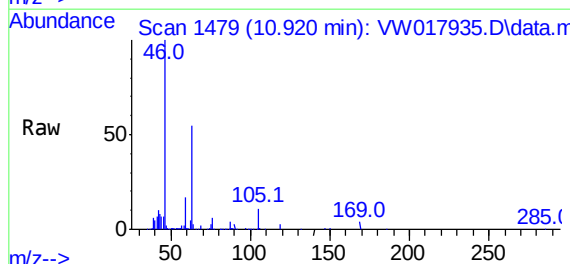
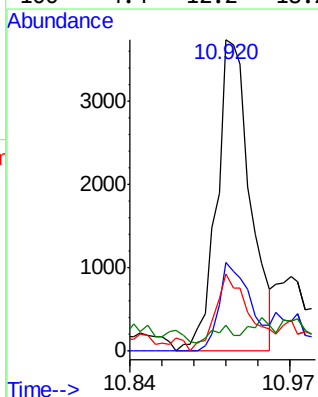
Ion Ratio Lower Upper

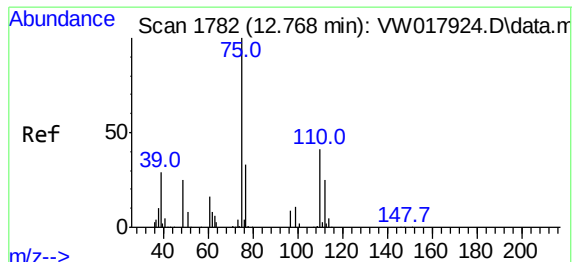
43 100

58 26.9 51.3 76.9#

57 25.4 15.0 22.6#

100 4.4 12.2 18.2#





#59
 1,2,3-Trichloropropane
 Concen: 4.93 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW017935.D
 Acq: 18 Jan 2021 17:53

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT71

Tgt Ion: 75 Resp: 21472
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.6 39.8

