

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
 Data File : VW017939.D
 Acq On : 18 Jan 2021 19:27
 Operator : SY/VA
 Sample : M1167-05
 Misc : 5.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT75

Quant Time: Jan 19 07:00:15 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)

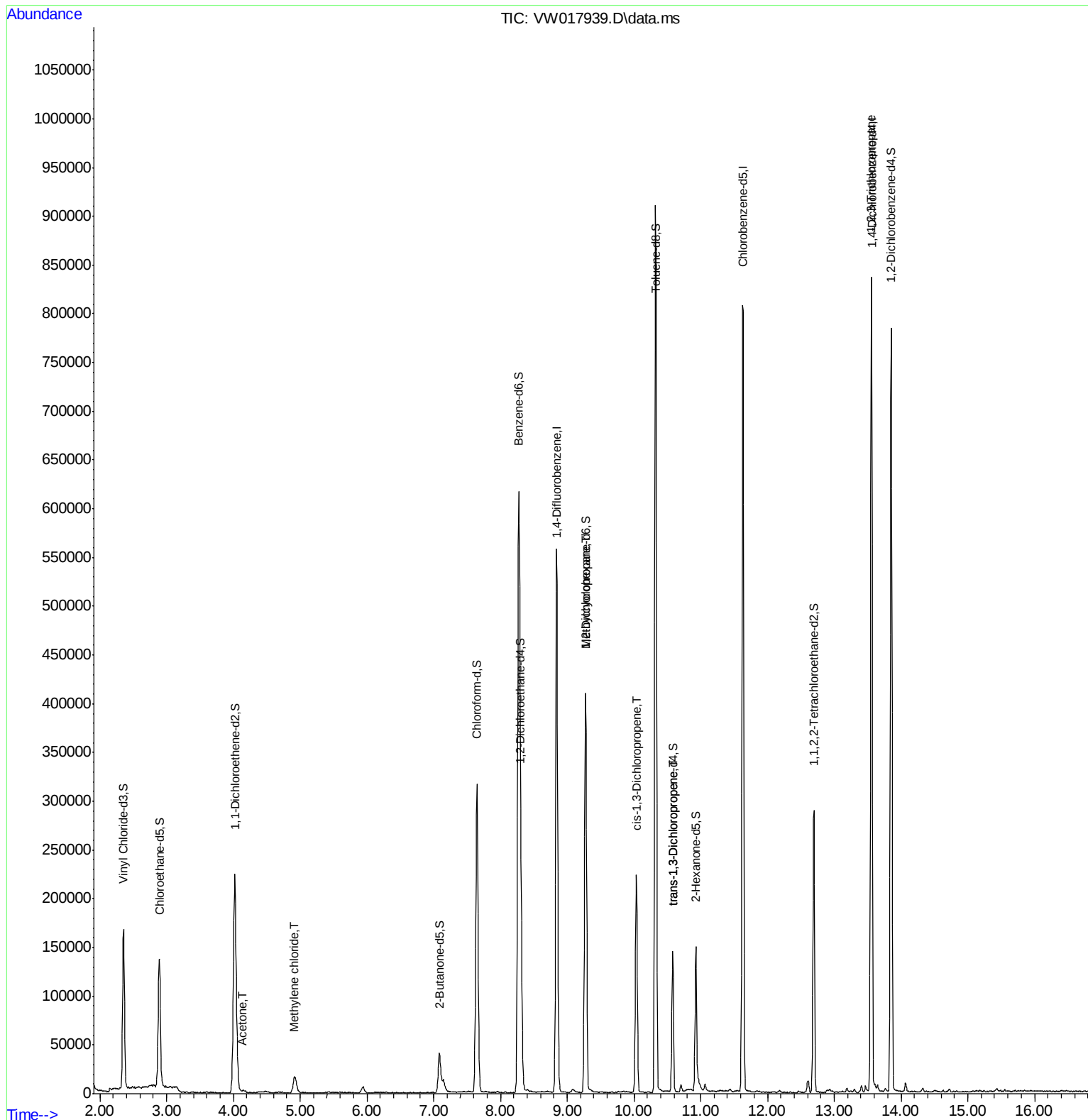
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	472813	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	443262	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	211289	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	178455	24.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.20%		
7) Chloroethane-d5	2.891	69	157726	25.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.96%		
10) 1,1-Dichloroethene-d2	4.019	63	238813	17.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.24%		
20) 2-Butanone-d5	7.086	46	69215	38.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.14%		
24) Chloroform-d	7.647	84	312706	24.24	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.96%		
26) 1,2-Dichloroethane-d4	8.305	65	176672	24.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.84%		
29) Benzene-d6	8.275	84	620596	24.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.84%		
33) 1,2-Dichloropropane-d6	9.274	67	176031	24.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.52%		
37) Toluene-d8	10.323	98	582159	24.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.76%		
38) trans-1,3-Dichloroprop...	10.579	79	74548	22.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.44%		
39) 2-Hexanone-d5	10.927	63	53166	41.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.16%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	134575	20.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.84%		
61) 1,2-Dichlorobenzene-d4	13.853	152	192915	26.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.96%		
Target Compounds						
13) Acetone	4.135	43	3411	2.70	ug/L	50
16) Methylene chloride	4.915	84	7272	1.06	ug/L	89
36) Methylcyclohexane	9.274	83	45658	3.64	ug/L #	20
42) cis-1,3-Dichloropropene	10.036	75	6727	0.67	ug/L #	72
45) trans-1,3-Dichloropropene	10.579	75	4108	0.47	ug/L	96
59) 1,2,3-Trichloropropane	13.554	75	28749	6.04	ug/L	98

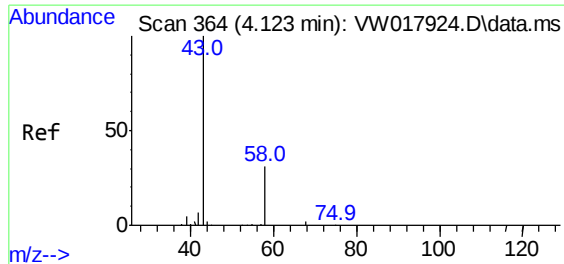
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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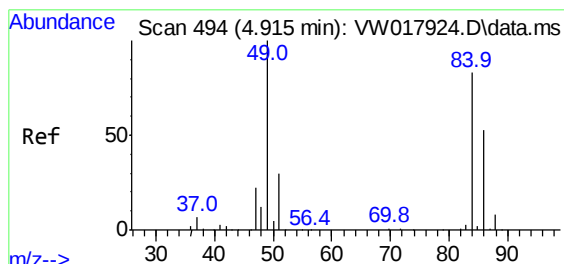
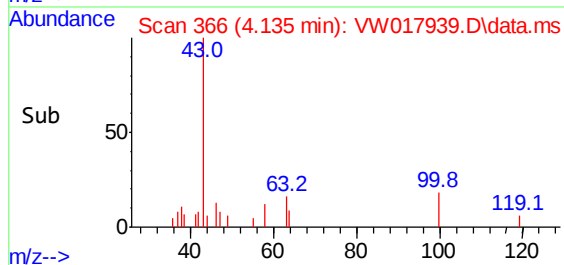
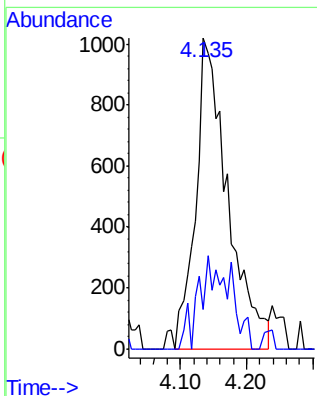
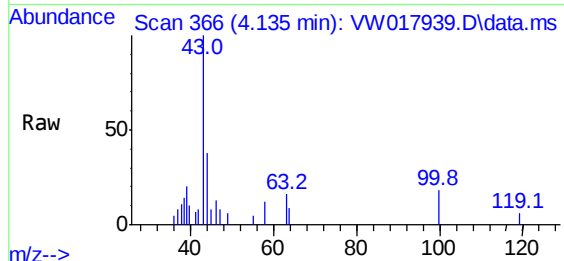




#13
Acetone
Concen: 2.70 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW017939.D
Acq: 18 Jan 2021 19:27

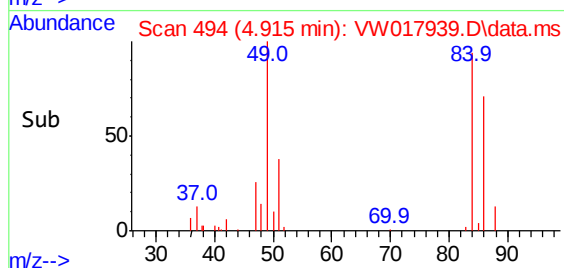
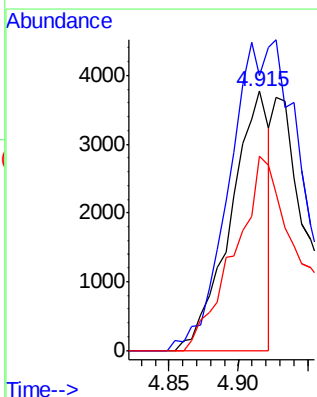
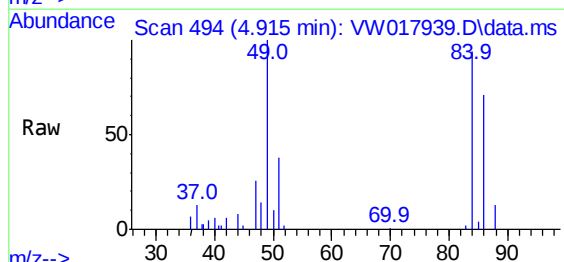
Instrument :
MSVOA_W
ClientSampled :
BFT75

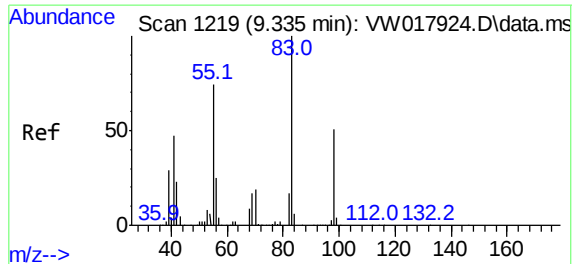
Tgt Ion: 43 Resp: 3411
Ion Ratio Lower Upper
43 100
58 5.3 0.0 68.4



#16
Methylene chloride
Concen: 1.06 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW017939.D
Acq: 18 Jan 2021 19:27

Tgt Ion: 84 Resp: 7272
Ion Ratio Lower Upper
84 100
49 106.2 81.2 150.8
86 75.0 44.5 82.7

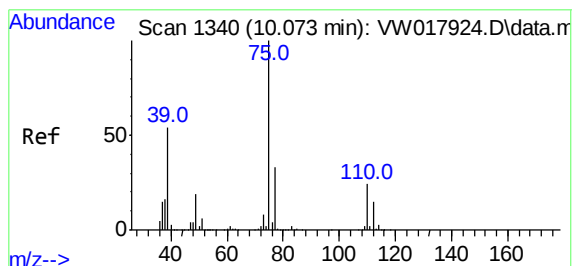
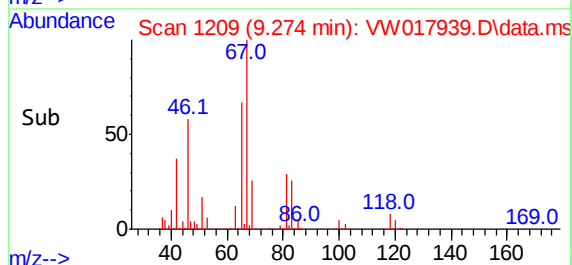
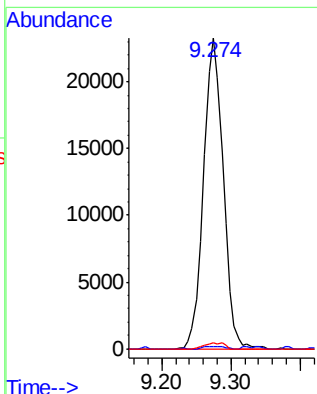
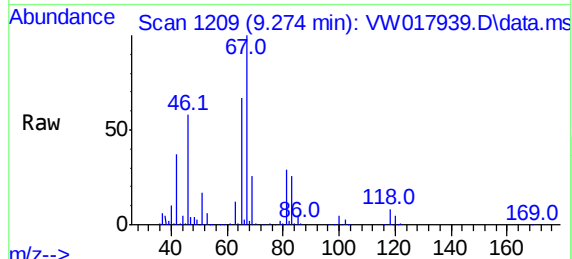




#36
Methylcyclohexane
Concen: 3.64 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW017939.D
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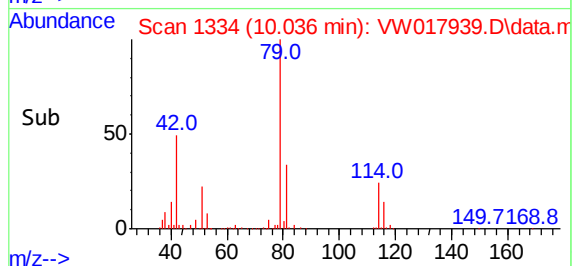
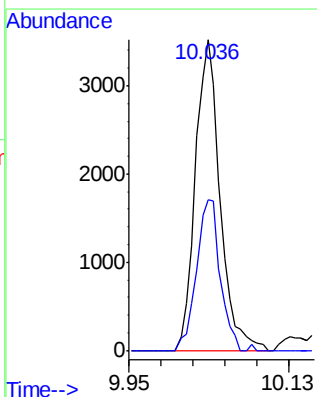
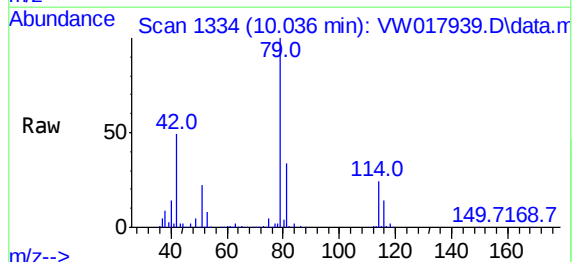
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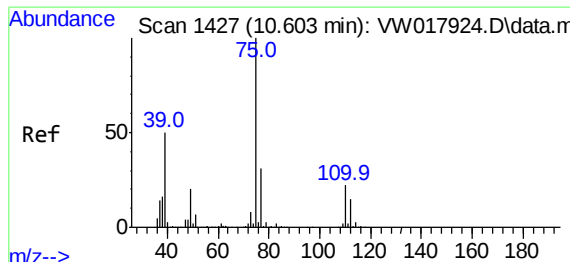
Tgt Ion: 83 Resp: 45658
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.0#
98 1.9 40.7 61.1#



#42
cis-1,3-Dichloropropene
Concen: 0.67 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW017939.D
Acq: 18 Jan 2021 19:27

Tgt Ion: 75 Resp: 6727
Ion Ratio Lower Upper
75 100
77 48.4 22.7 42.3#

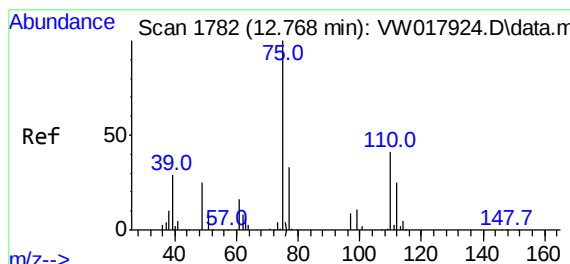
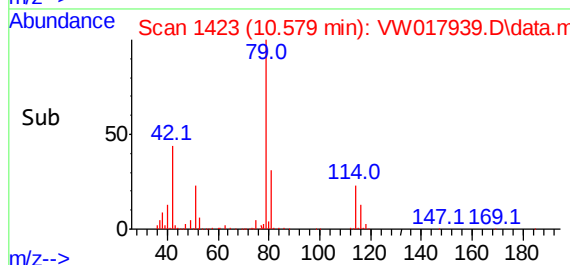
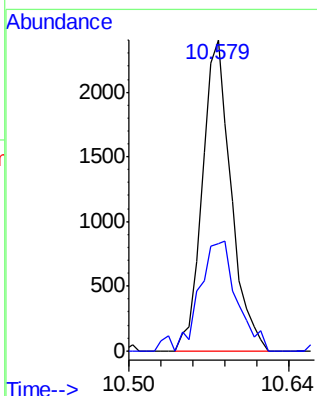
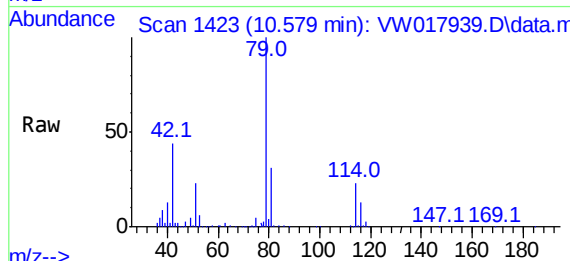




#45
trans-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017939.D
Acq: 18 Jan 2021 19:27

Instrument :
MSVOA_W
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BFT75

Tgt Ion: 75 Resp: 4108
Ion Ratio Lower Upper
75 100
77 34.3 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 6.04 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW017939.D
Acq: 18 Jan 2021 19:27

Tgt Ion: 75 Resp: 28749
Ion Ratio Lower Upper
75 100
77 34.6 26.6 39.8

