

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011321\
 Data File : VW017850.D
 Acq On : 13 Jan 2021 16:18
 Operator : SY/VA
 Sample : M1117-01
 Misc : 6.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFN60

Quant Time: Jan 14 11:42:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	292395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	244047	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	87518	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	23777	5.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	21.04%#
7) Chloroethane-d5	2.89	69	20704	5.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	22.20%#
10) 1,1-Dichloroethene-d2	4.01	63	29630	3.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	15.04%#
20) 2-Butanone-d5	7.09	46	12243	16.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.40%
24) Chloroform-d	7.65	84	40496	5.30	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	21.20%#
26) 1,2-Dichloroethane-d4	8.31	65	26987	6.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	27.28%#
29) Benzene-d6	8.27	84	75258	5.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	21.88%
33) 1,2-Dichloropropane-d6	9.27	67	24366	6.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	25.72%#
37) Toluene-d8	10.32	98	63161	4.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	19.12%#
38) trans-1,3-Dichloropropene-	10.58	79	8690	5.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	20.56%#
39) 2-Hexanone-d5	10.93	63	7768	16.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	20915	7.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	29.72%#
61) 1,2-Dichlorobenzene-d4	13.85	152	15238	5.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	20.00%#

Target Compounds

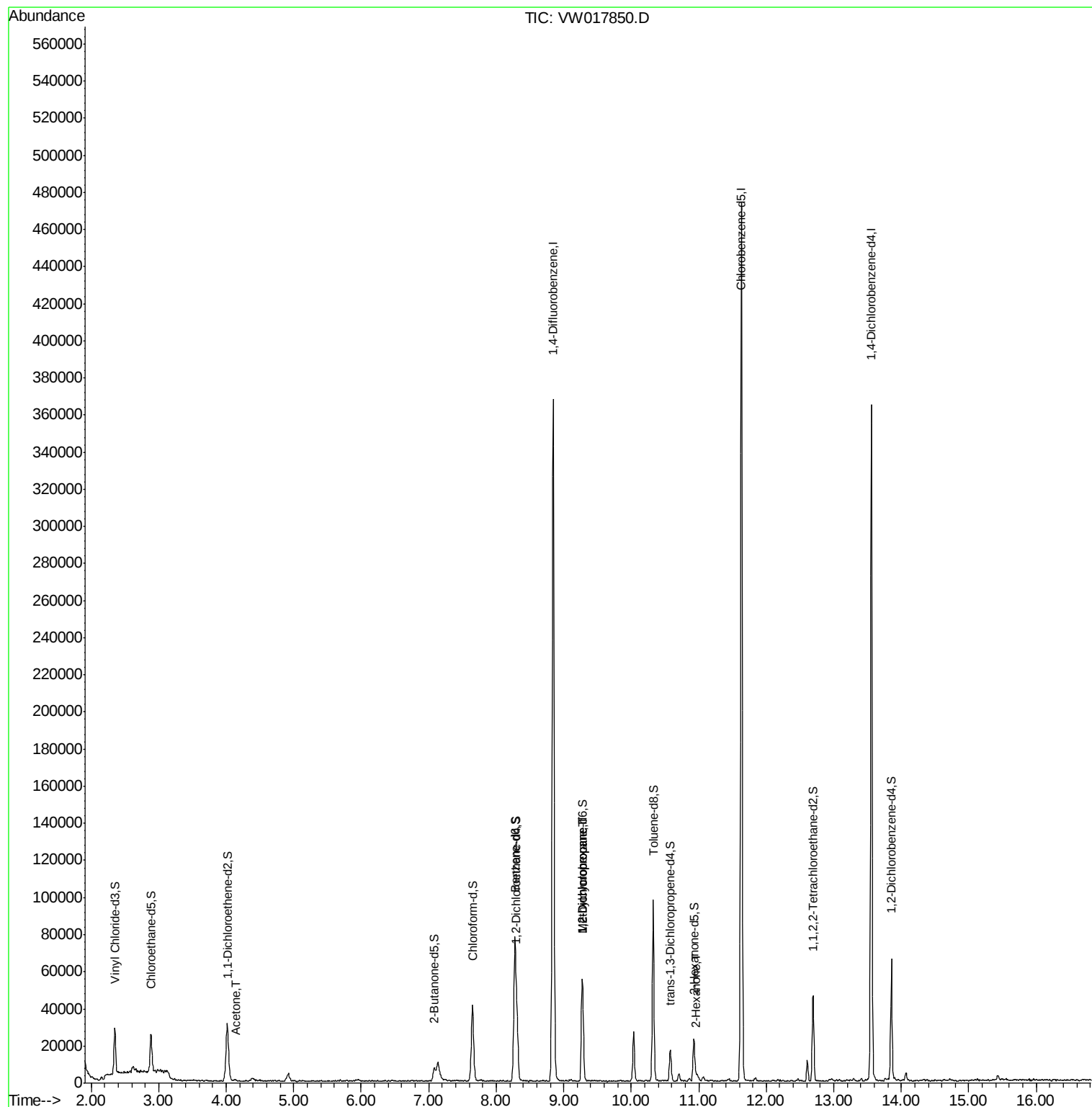
					Qvalue
13) Acetone	4.14	43	313	0.494 ug/L	71
36) Methylcyclohexane	9.27	83	5942	0.880 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	3113	0.945 ug/L #	90
49) 2-Hexanone	10.96	43	1608	1.416 ug/L #	78

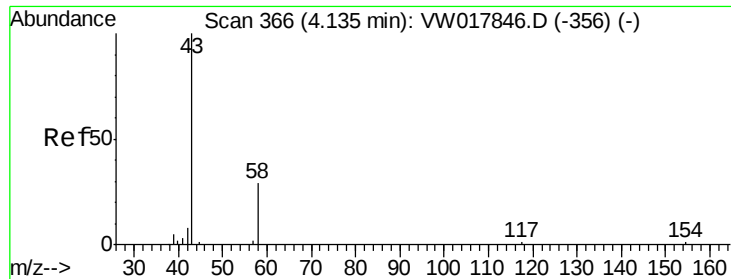
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.494 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017850.D

Acq: 13 Jan 2021 16:18

Instrument :

MSVOA_W

ClientSampled :

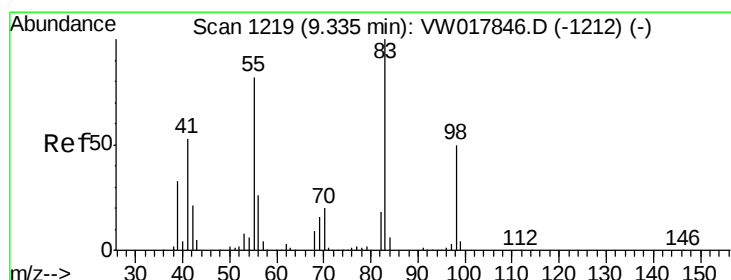
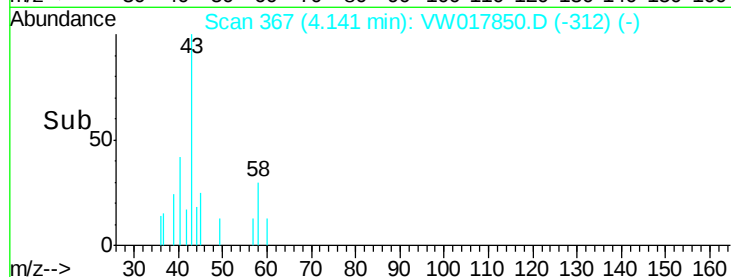
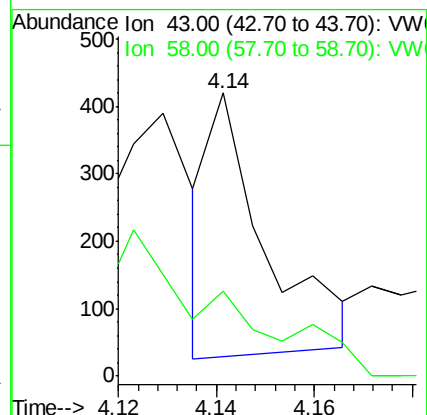
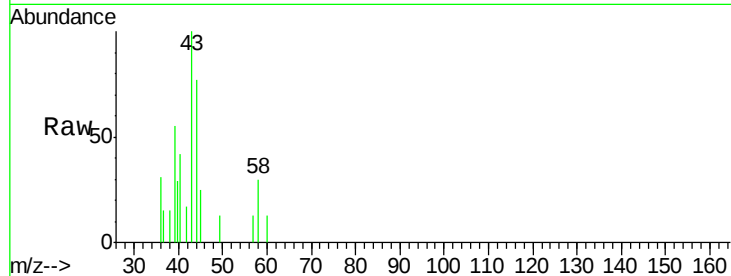
BFN60

Tgt Ion: 43 Resp: 313

Ion Ratio Lower Upper

43 100

58 14.7 0.0 60.8



#36

Methylcyclohexane

Concen: 0.880 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017850.D

Acq: 13 Jan 2021 16:18

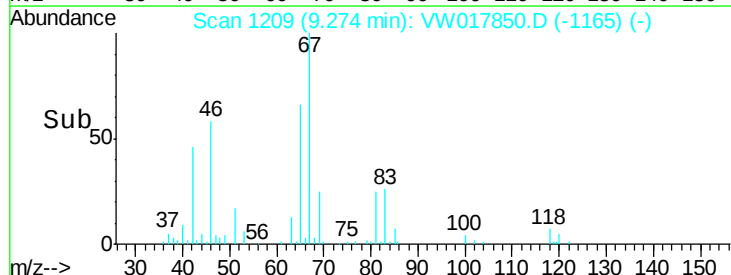
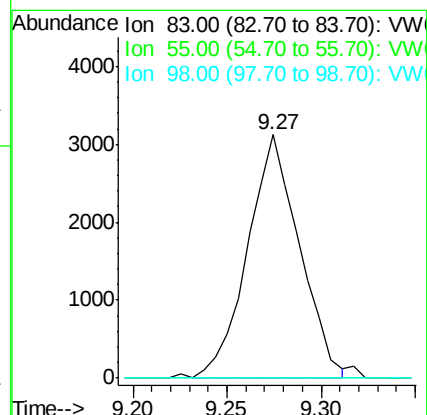
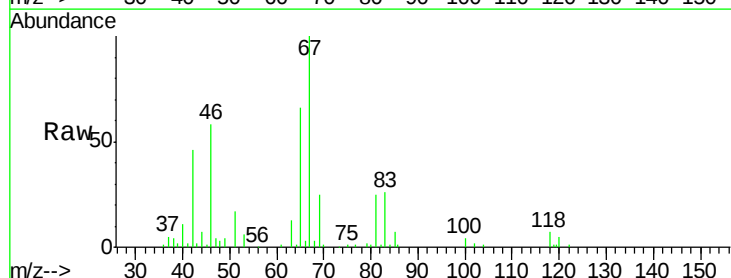
Tgt Ion: 83 Resp: 5942

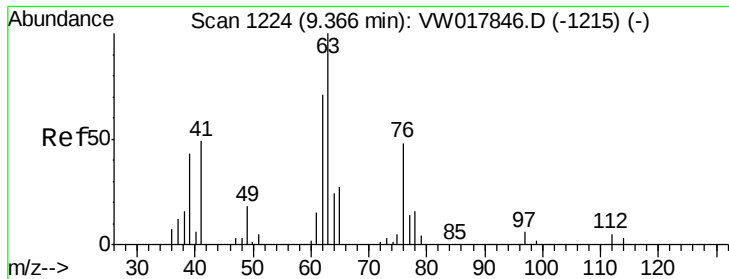
Ion Ratio Lower Upper

83 100

55 0.4 57.6 86.4#

98 0.0 39.7 59.5#

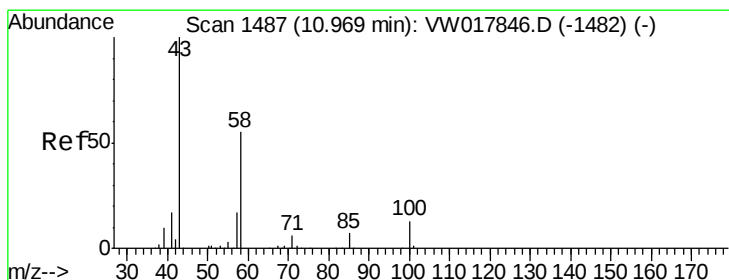
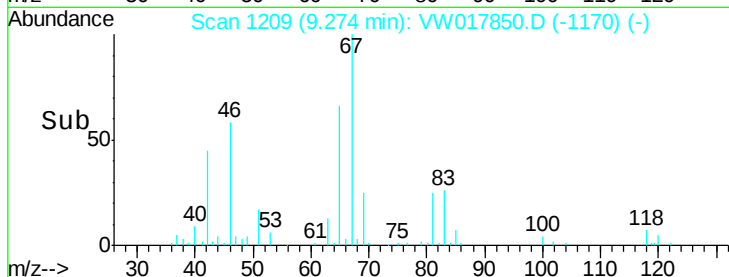
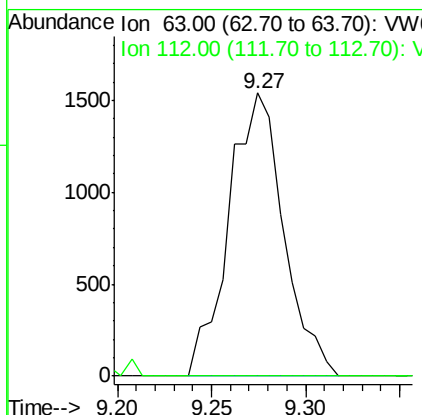
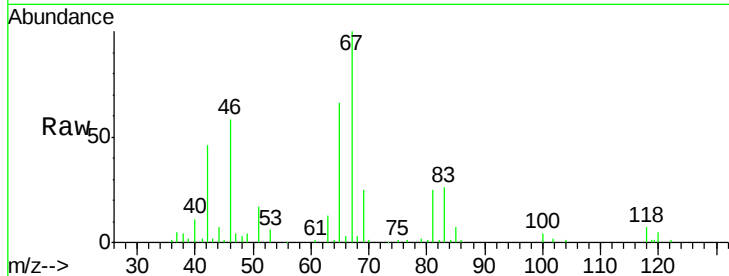




#40
 1,2-Dichloropropane
 Concen: 0.945 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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Tgt Ion: 63 Resp: 3113
 Ion Ratio Lower Upper
 63 100
 112 1.1 3.6 5.4#



#49
 2-Hexanone
 Concen: 1.416 ug/L
 RT: 10.96 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VW017850.D
 Acq: 13 Jan 2021 16:18

Tgt Ion: 43 Resp: 1608
 Ion Ratio Lower Upper
 43 100
 58 41.7 44.2 66.4#
 57 9.3 16.1 24.1#
 100 0.0 11.0 16.4#

