

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042619\
 Data File : VW010162.D
 Acq On : 26 Apr 2019 19:32
 Operator : SY/VA
 Sample : K2596-05
 Misc : 5.20G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH42

Quant Time: Apr 27 00:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:45:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	389072	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351631	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	91927	24.72	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
7) Chloroethane-d5	2.89	69	82327	26.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.16%
10) 1,1-Dichloroethene-d2	4.01	63	177036	16.22	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.88%
20) 2-Butanone-d5	7.07	46	58671	33.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.82%
24) Chloroform-d	7.64	84	260920	25.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.76%
26) 1,2-Dichloroethane-d4	8.31	65	154814	25.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.24%
29) Benzene-d6	8.27	84	481845	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	9.27	67	164197	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.80%
37) Toluene-d8	10.32	98	405534	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.68%
38) trans-1,3-Dichloropropene-	10.58	79	48022	16.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.16%
39) 2-Hexanone-d5	10.93	63	41238	31.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124620	24.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	118282	25.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.04%

Target Compounds

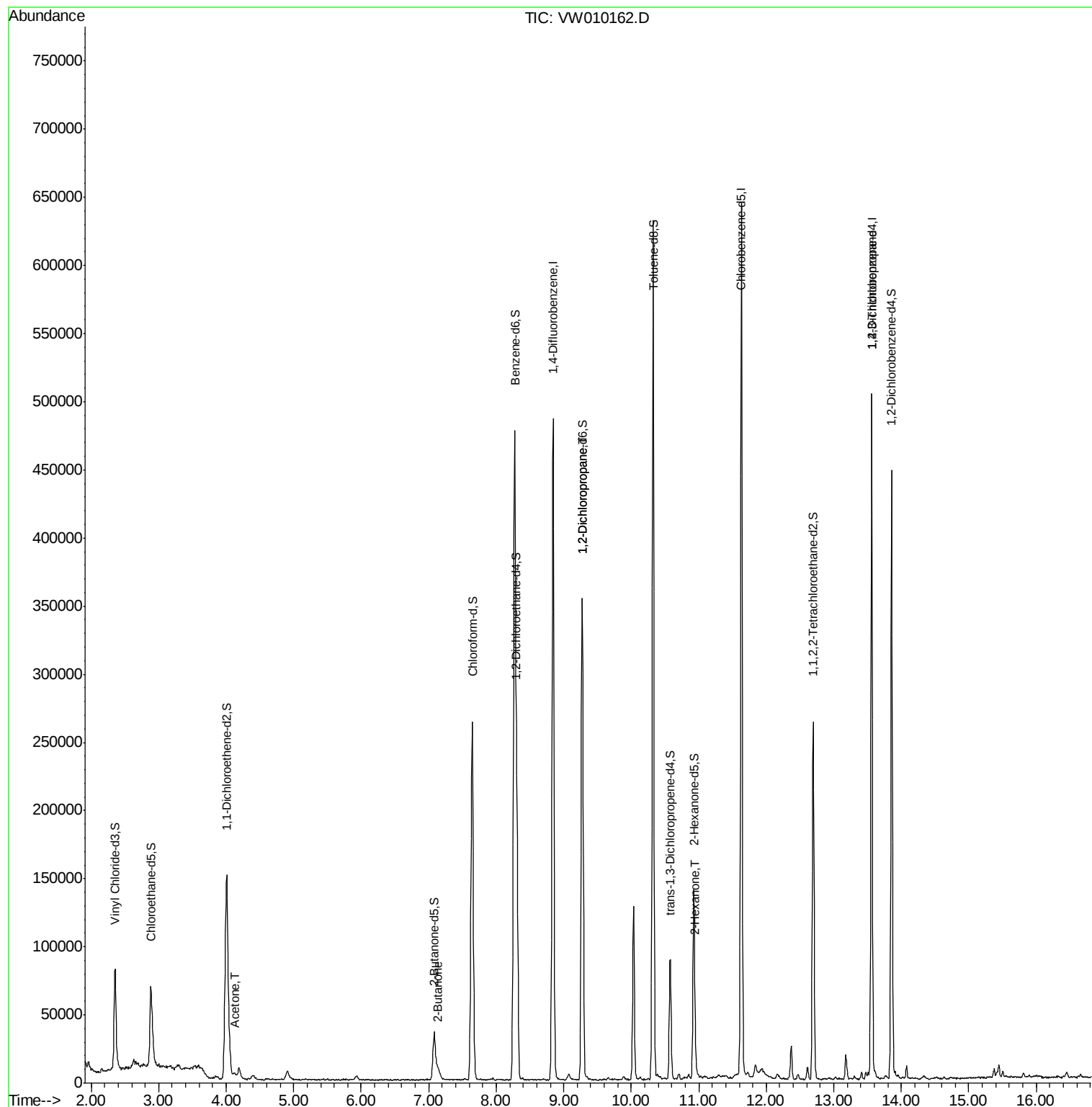
					Qvalue
13) Acetone	4.12	43	4004	3.021 ug/L	81
21) 2-Butanone	7.13	43	7282	3.543 ug/L #	52
40) 1,2-Dichloropropane	9.27	63	18548	3.360 ug/L #	88
49) 2-Hexanone	10.94	43	5114	1.701 ug/L #	42
59) 1,2,3-Trichloropropane	13.56	75	14351	3.739 ug/L	90

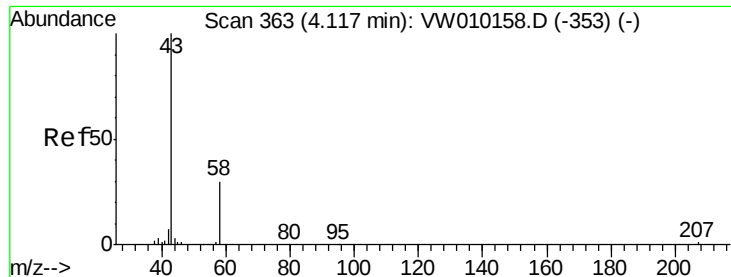
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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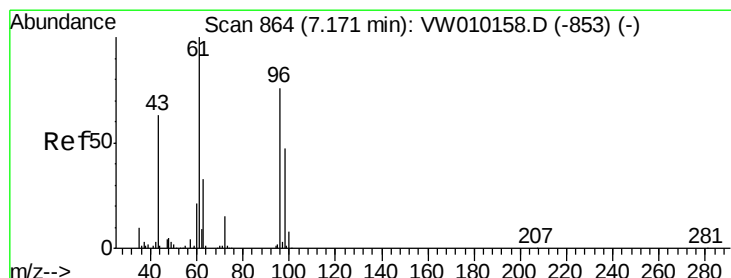
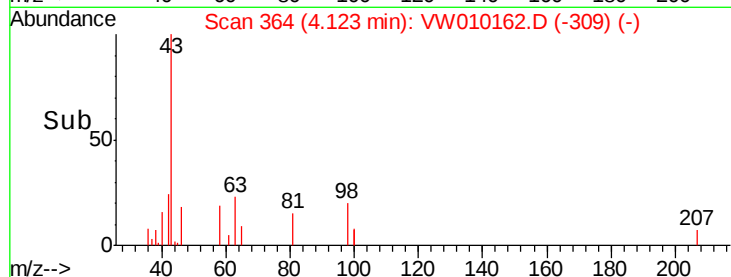
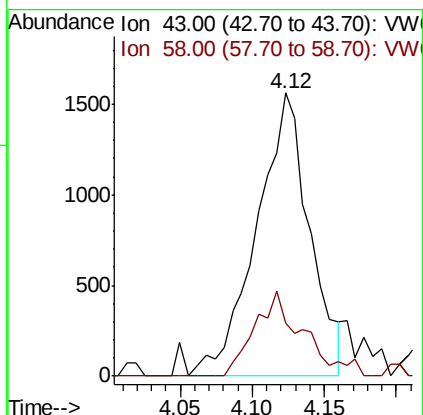
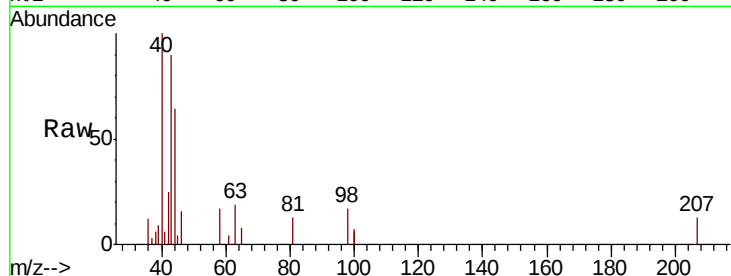




#13
Acetone
Concen: 3.021 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010162.D
Acq: 26 Apr 2019 19:32

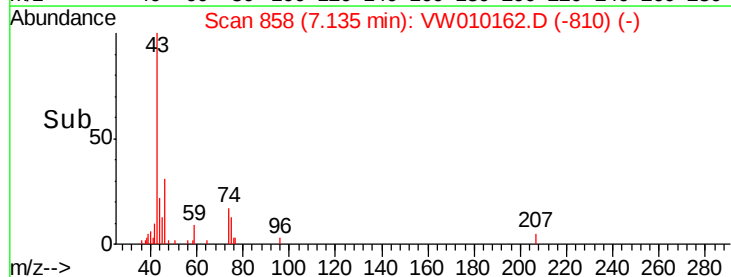
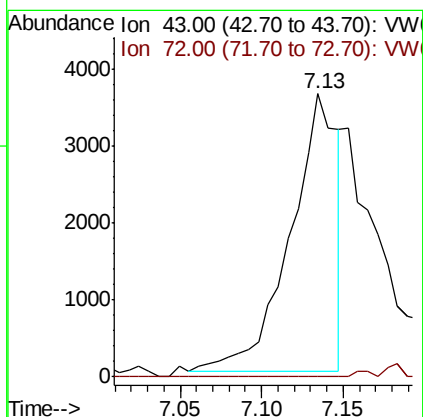
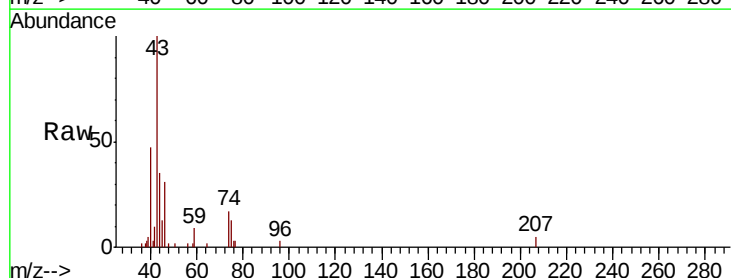
Instrument :
MSVOA_W
ClientSampleId :
BFH42

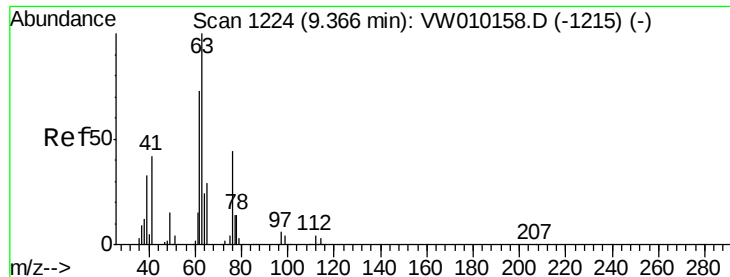
Tgt Ion: 43 Resp: 4004
Ion Ratio Lower Upper
43 100
58 19.0 0.0 58.2



#21
2-Butanone
Concen: 3.543 ug/L
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW010162.D
Acq: 26 Apr 2019 19:32

Tgt Ion: 43 Resp: 7282
Ion Ratio Lower Upper
43 100
72 0.8 12.3 36.8#





#40

1,2-Dichloropropane

Concen: 3.360 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.10 min

Lab File: VW010162.D

Acq: 26 Apr 2019 19:32

Instrument :

MSVOA_W

ClientSampleId :

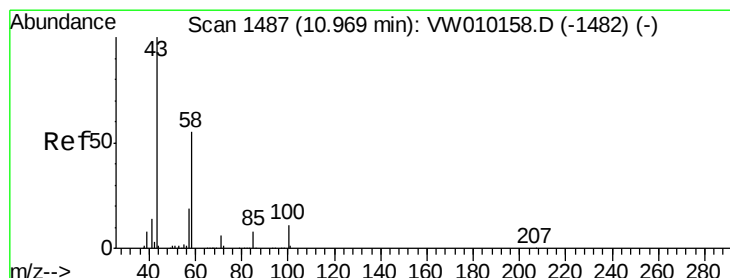
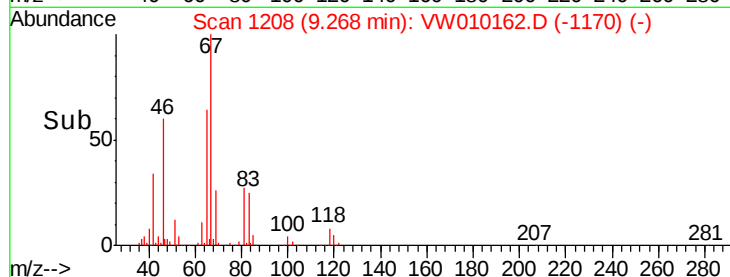
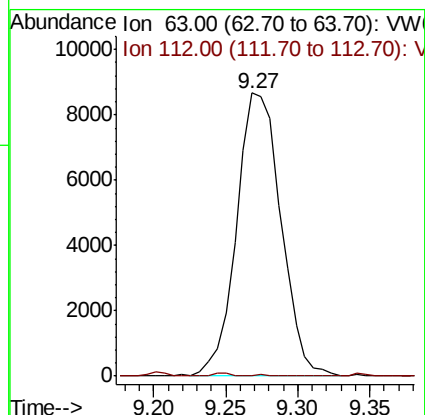
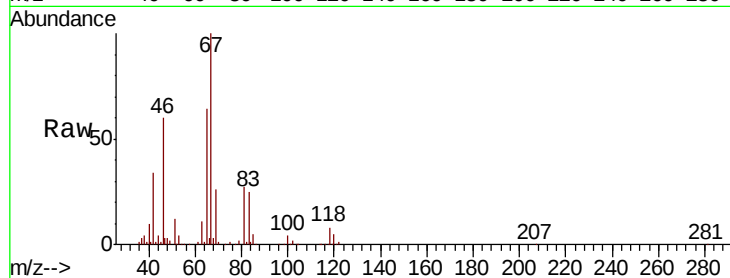
BFH42

Tgt Ion: 63 Resp: 18548

Ion Ratio Lower Upper

63 100

112 0.3 3.5 5.3#



#49

2-Hexanone

Concen: 1.701 ug/L

RT: 10.94 min Scan# 1483

Delta R.T. -0.02 min

Lab File: VW010162.D

Acq: 26 Apr 2019 19:32

Tgt Ion: 43 Resp: 5114

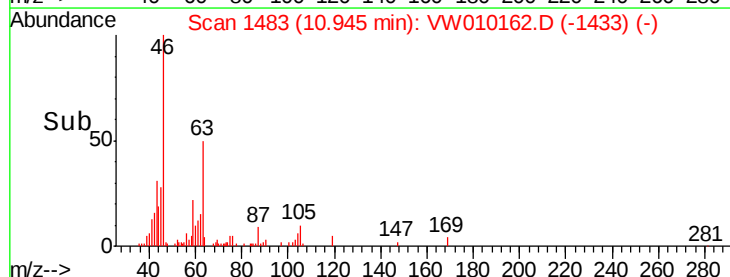
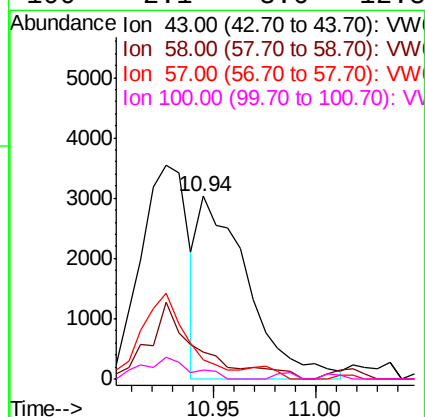
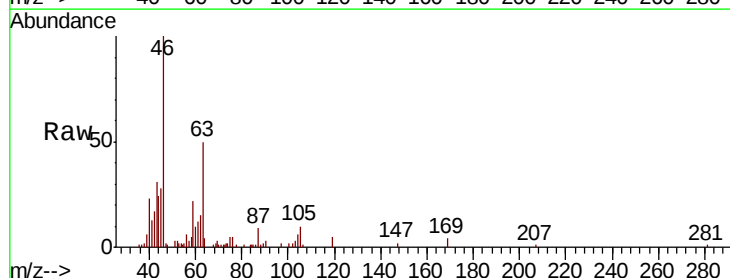
Ion Ratio Lower Upper

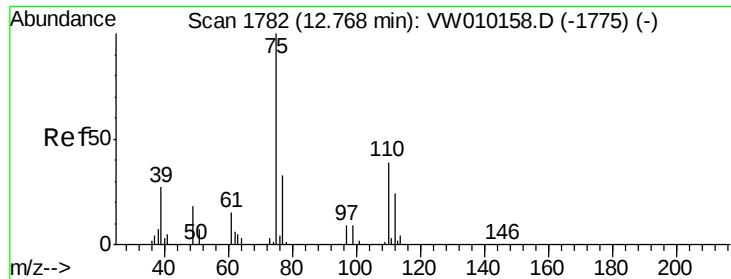
43 100

58 0.0 39.9 59.9#

57 0.0 14.3 21.5#

100 2.1 8.6 12.8#





#59

1,2,3-Trichloropropane

Concen: 3.739 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010162.D

Acq: 26 Apr 2019 19:32

Instrument :

MSVOA_W

ClientSampleId :

BFH42

Tgt Ion: 75 Resp: 14351

Ion Ratio Lower Upper

75 100

77 38.1 26.1 39.1

