

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016362.D
 Acq On : 26 Aug 2020 13:14
 Operator : SY/VA
 Sample : L3807-01
 Misc : 6.53G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN6

Quant Time: Aug 27 02:43:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	300860	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	90103	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	37133	11.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.24%
7) Chloroethane-d5	2.89	69	35793	14.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.72%
10) 1,1-Dichloroethene-d2	4.10	63	509	0.07	ug/L	0.08
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.28%#
20) 2-Butanone-d5	7.08	46	32052	35.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.16%
24) Chloroform-d	7.65	84	142554	18.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.72%
26) 1,2-Dichloroethane-d4	8.31	65	72886	18.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.12%
29) Benzene-d6	8.28	84	239048	16.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.04%
33) 1,2-Dichloropropane-d6	9.27	67	75315	18.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.04%
37) Toluene-d8	10.33	98	202283	14.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.32%
38) trans-1,3-Dichloropropene-	10.58	79	31727	16.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.64%
39) 2-Hexanone-d5	10.93	63	26816	41.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64563	19.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	67666	19.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.32%

Target Compounds

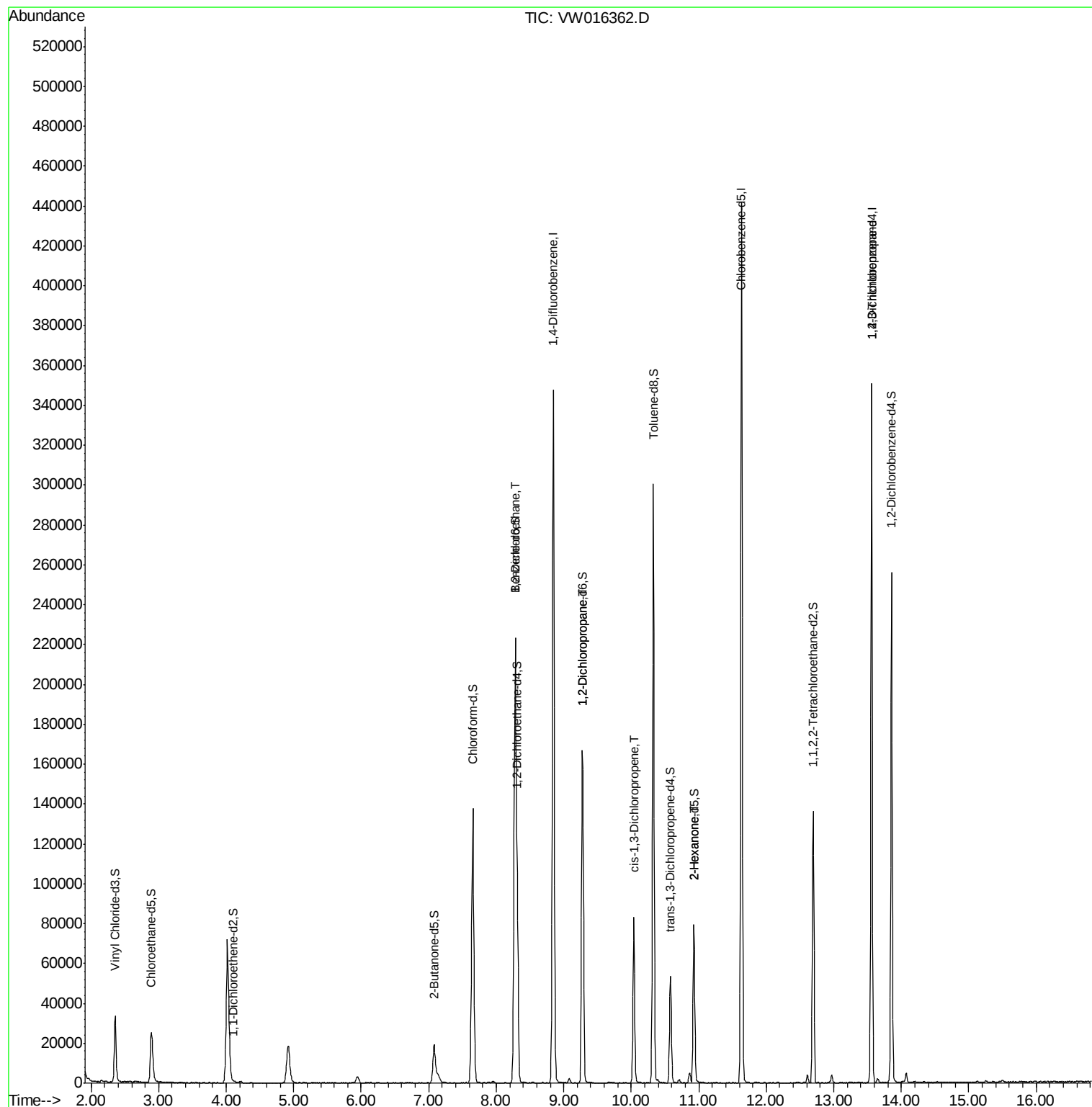
					Ovalue
27) 1,2-Dichloroethane	8.29	62	1318	0.283 ug/L #	73
40) 1,2-Dichloropropane	9.28	63	8832	2.486 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2172	0.373 ug/L #	77
49) 2-Hexanone	10.93	43	3489	2.535 ug/L #	59
59) 1,2,3-Trichloropropane	13.55	75	10122	3.994 ug/L	95

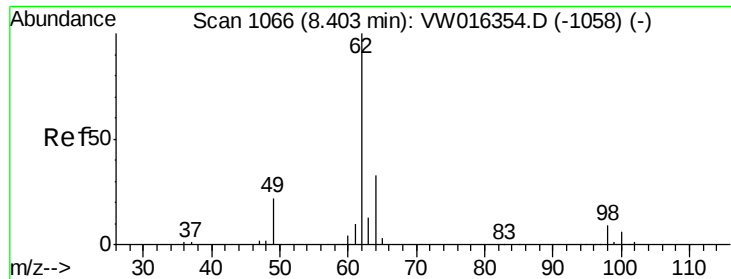
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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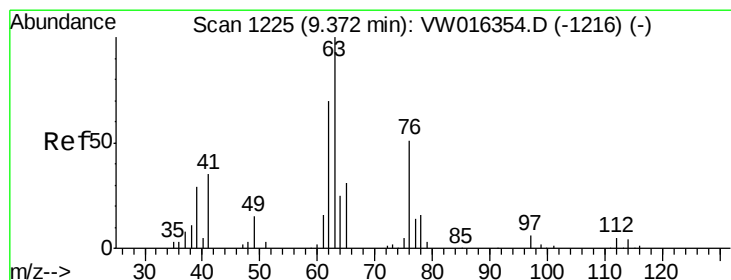
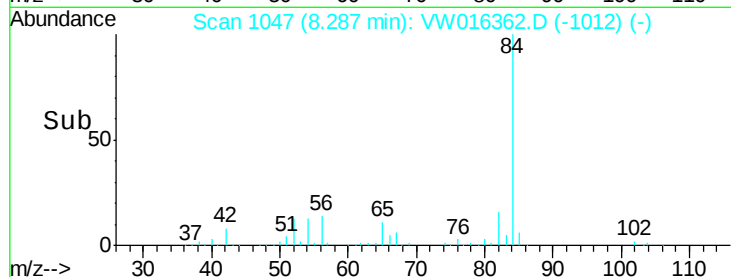
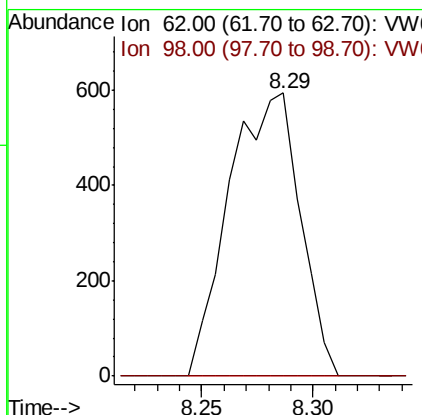
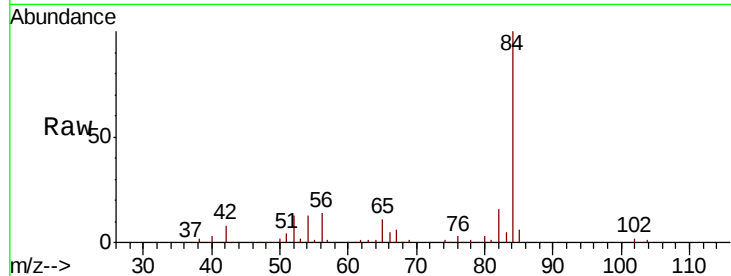




#27
 1,2-Dichloroethane
 Concen: 0.283 ug/L
 RT: 8.29 min Scan# 1047
 Delta R.T. -0.12 min
 Lab File: VW016362.D
 Acq: 26 Aug 2020 13:14

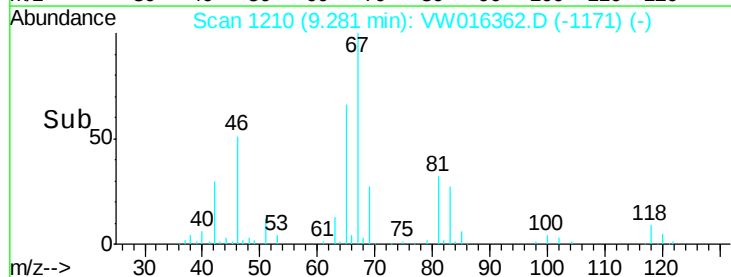
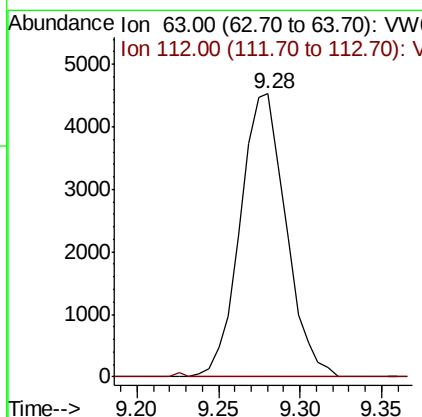
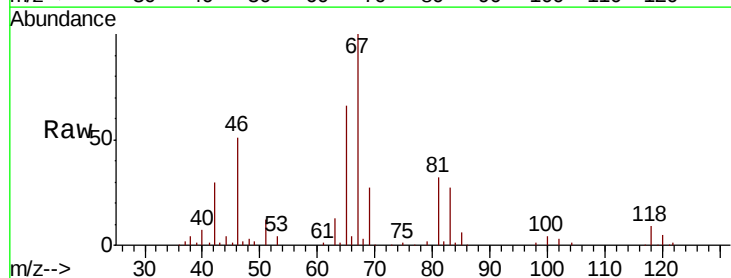
Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN6

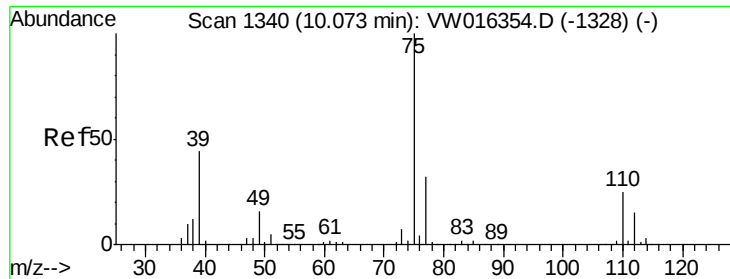
Tot Ion: 62 Resp: 1318
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#



#40
 1,2-Dichloropropane
 Concen: 2.486 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW016362.D
 Acq: 26 Aug 2020 13:14

Tgt Ion: 63 Resp: 8832
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.4 6.6#





#42

cis-1,3-Dichloropropene

Concen: 0.373 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016362.D

Acq: 26 Aug 2020 13:14

Instrument :

MSVOA_W

ClientSampleId :

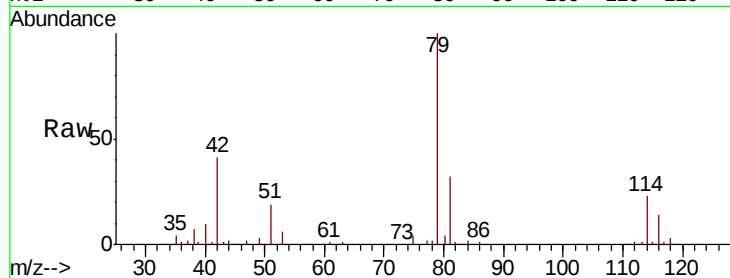
BFSN6

Tot Ion: 75 Resp: 2172

Ion Ratio Lower Upper

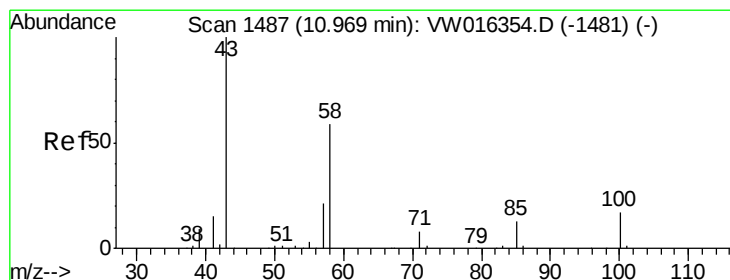
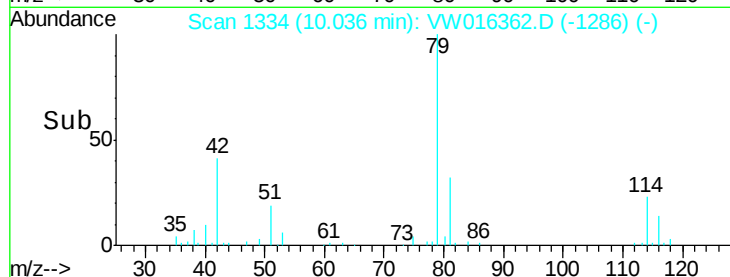
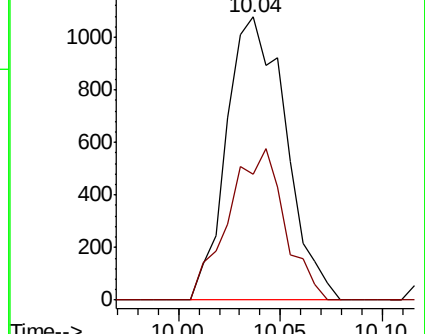
75 100

77 44.4 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 2.535 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016362.D

Acq: 26 Aug 2020 13:14

Tgt Ion: 43 Resp: 3489

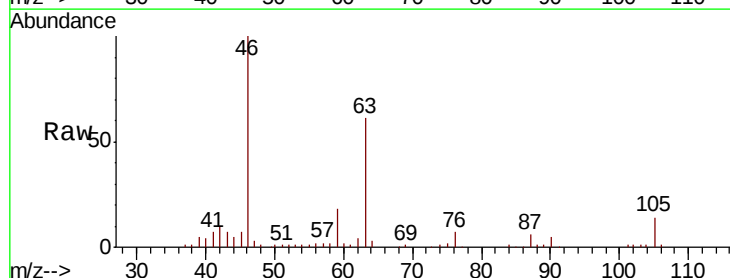
Ion Ratio Lower Upper

43 100

58 23.4 49.5 74.3#

57 30.6 17.7 26.5#

100 0.0 12.9 19.3#

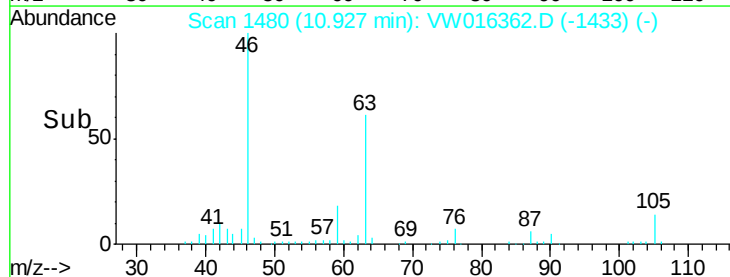
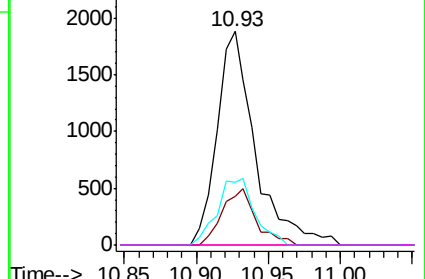


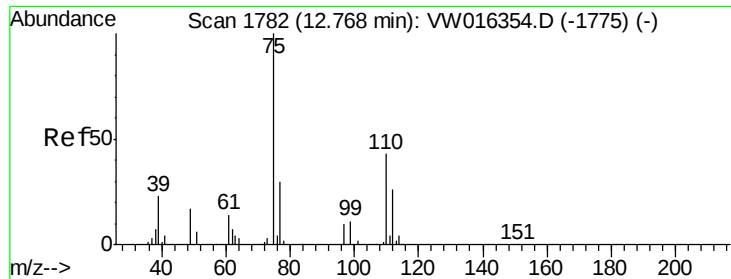
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#59

1,2,3-Trichloropropane

Concen: 3.994 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW016362.D

Acq: 26 Aug 2020 13:14

Instrument :

MSVOA_W

ClientSampleId :

BFSN6

Tot Ion: 75 Resp: 10122

Ion Ratio Lower Upper

75 100

77 36.7 27.1 40.7

