

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016359.D
 Acq On : 26 Aug 2020 12:03
 Operator : SY/VA
 Sample : L3807-03
 Misc : 6.89G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN8

Quant Time: Aug 27 02:42:44 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	288996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266239	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117176	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	33381	10.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.28%
7) Chloroethane-d5	2.89	69	30723	13.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.48%
10) 1,1-Dichloroethene-d2	4.02	63	64287	8.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.08%#
20) 2-Butanone-d5	7.08	46	30518	34.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.56%
24) Chloroform-d	7.65	84	127535	16.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.72%
26) 1,2-Dichloroethane-d4	8.31	65	67257	17.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.28%#
29) Benzene-d6	8.27	84	216107	14.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	58.16%
33) 1,2-Dichloropropane-d6	9.27	67	68617	16.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.72%#
37) Toluene-d8	10.33	98	187025	13.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	53.36%
38) trans-1,3-Dichloropropene-	10.58	79	29296	14.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.04%
39) 2-Hexanone-d5	10.93	63	24666	37.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	62956	18.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	81673	18.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.72%#

Target Compounds

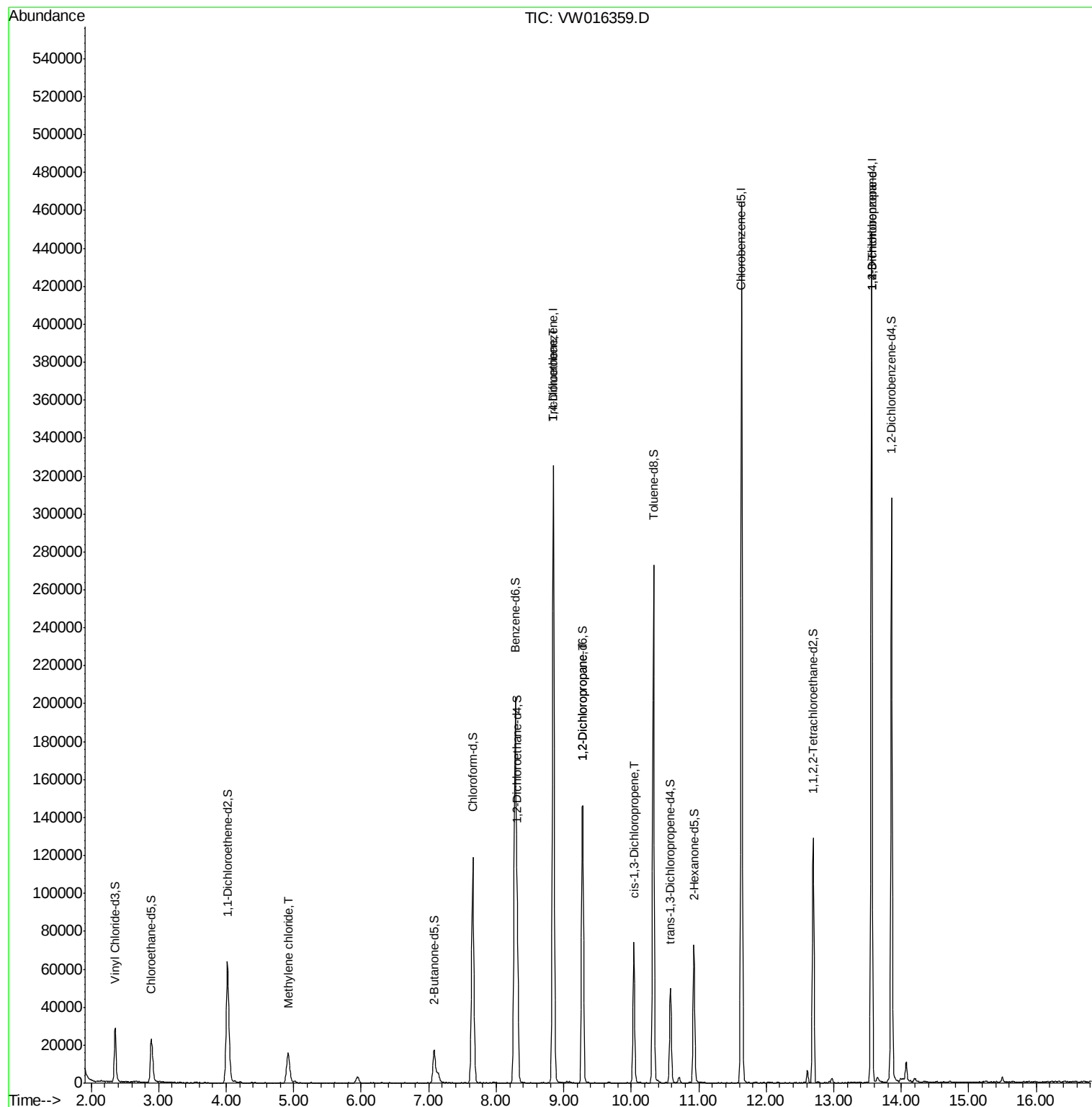
					Ovalue
16) Methylene chloride	4.92	84	14059	2.632 ug/L	95
35) Trichloroethene	8.85	95	8753	2.024 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	8160	2.272 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2142	0.364 ug/L	90
59) 1,2,3-Trichloropropane	13.56	75	13303	5.193 ug/L	94

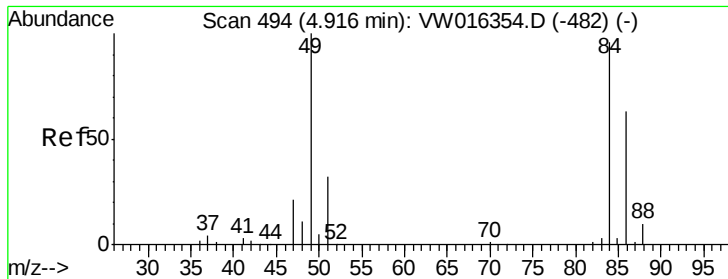
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

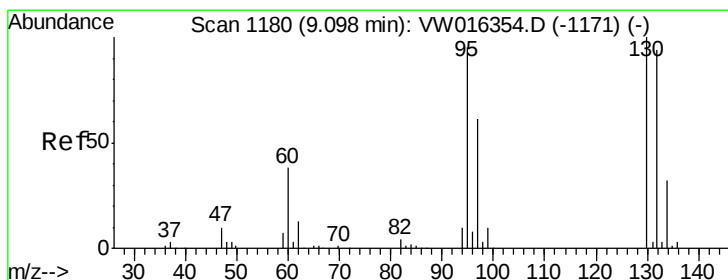
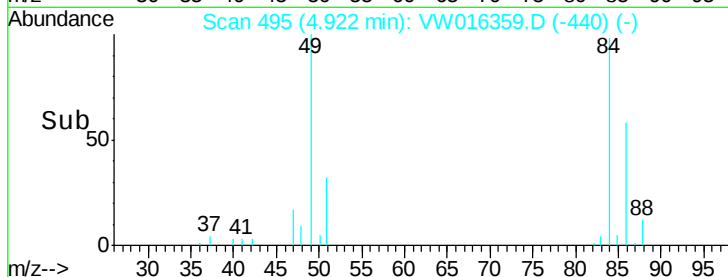
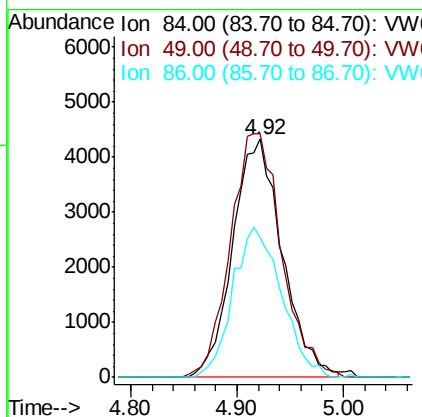
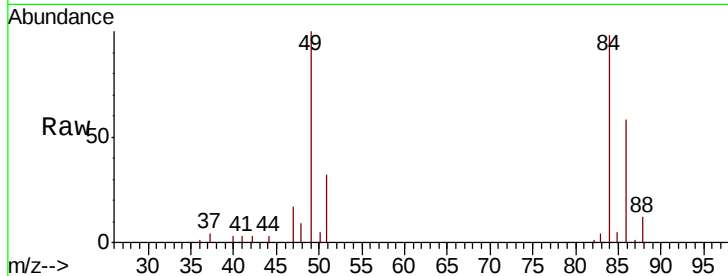




#16
Methvlene chloride
Concen: 2.632 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016359.D
Acq: 26 Aug 2020 12:03

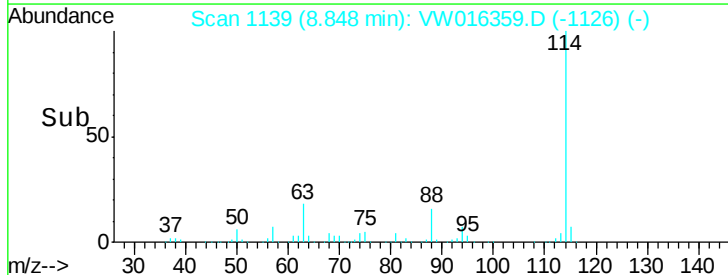
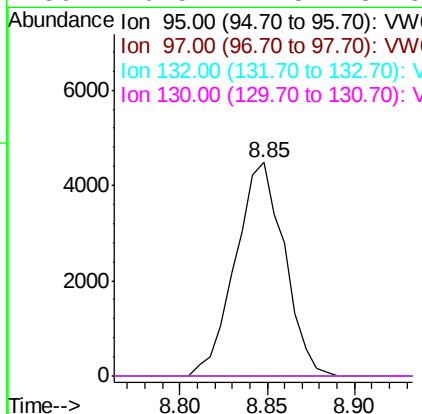
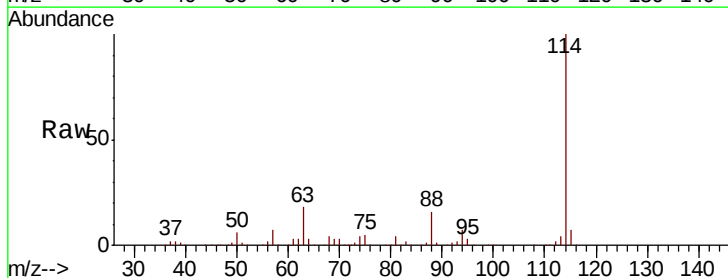
Instrument :
MSVOA_W
ClientSampleId :
BFSN8

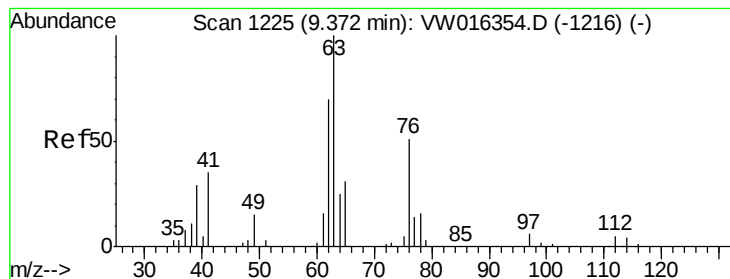
Tot Ion: 84 Resp: 14059
Ion Ratio Lower Upper
84 100
49 102.1 75.3 139.9
86 59.0 43.3 80.3



#35
Trichloroethene
Concen: 2.024 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW016359.D
Acq: 26 Aug 2020 12:03

Tgt Ion: 95 Resp: 8753
Ion Ratio Lower Upper
95 100
97 0.0 44.9 83.5#
132 0.0 68.2 126.6#
130 0.5 71.5 132.9#





#40

1,2-Dichloropropane

Concen: 2.272 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016359.D

Acq: 26 Aug 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

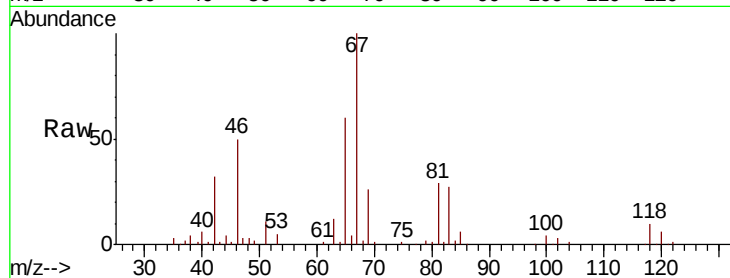
BFSN8

Tot Ion: 63 Resp: 8160

Ion Ratio Lower Upper

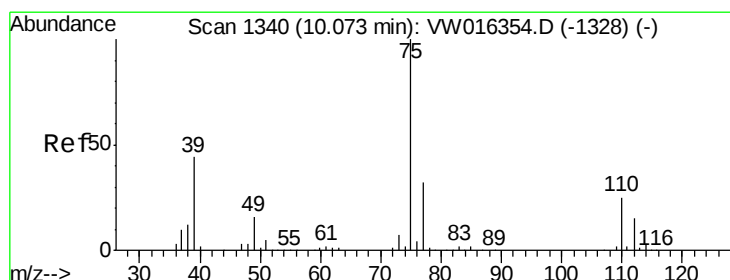
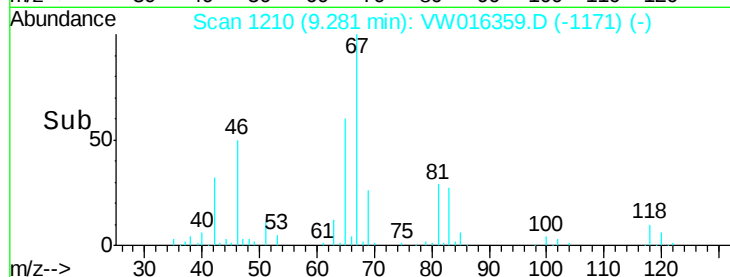
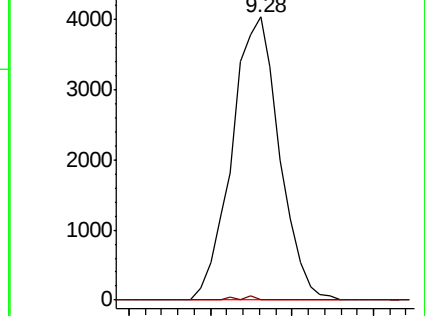
63 100

112 0.2 4.4 6.6#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.364 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016359.D

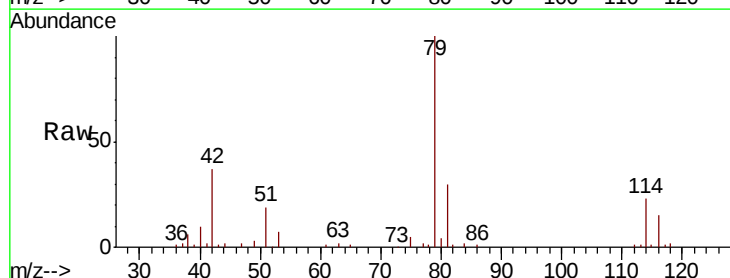
Acq: 26 Aug 2020 12:03

Tgt Ion: 75 Resp: 2142

Ion Ratio Lower Upper

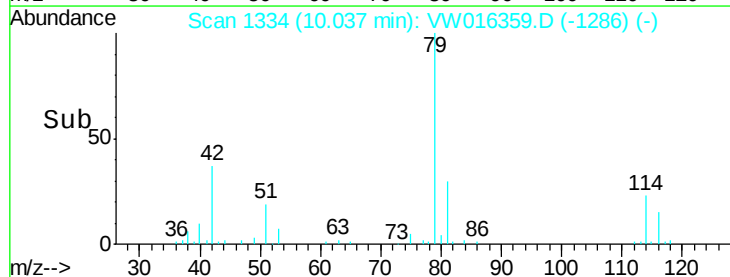
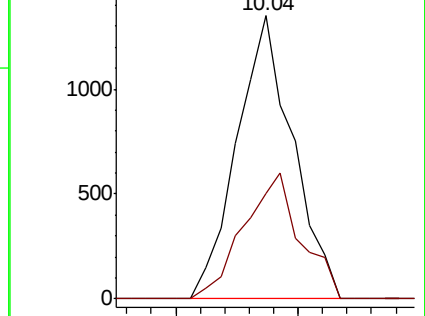
75 100

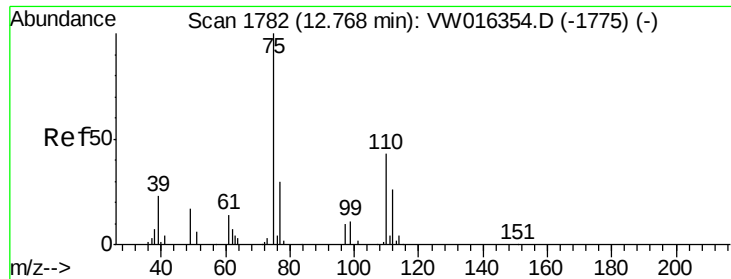
77 37.1 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.193 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016359.D

Acq: 26 Aug 2020 12:03

Instrument :

MSVOA_W

ClientSampleId :

BFSN8

Tot Ion: 75 Resp: 13303

Ion Ratio Lower Upper

75 100

77 37.6 27.1 40.7

