

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016232.D
 Acq On : 18 Aug 2020 11:29
 Operator : SY/VA
 Sample : L3709-02
 Misc : 6.13G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSQ5

Quant Time: Aug 19 05:51:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	394345	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357605	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	153079	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91789	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.08%
7) Chloroethane-d5	2.90	69	74836	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.68%
10) 1,1-Dichloroethene-d2	4.01	63	157062	15.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.52%
20) 2-Butanone-d5	7.09	46	43034	33.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.90%
24) Chloroform-d	7.65	84	221467	20.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.72%
26) 1,2-Dichloroethane-d4	8.31	65	106501	18.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.80%
29) Benzene-d6	8.28	84	433557	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.28	67	128183	22.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.64%
37) Toluene-d8	10.33	98	396425	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.88%
38) trans-1,3-Dichloropropene-	10.58	79	50181	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.08%
39) 2-Hexanone-d5	10.93	63	35475	35.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95662	20.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	130852	24.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.44%

Target Compounds

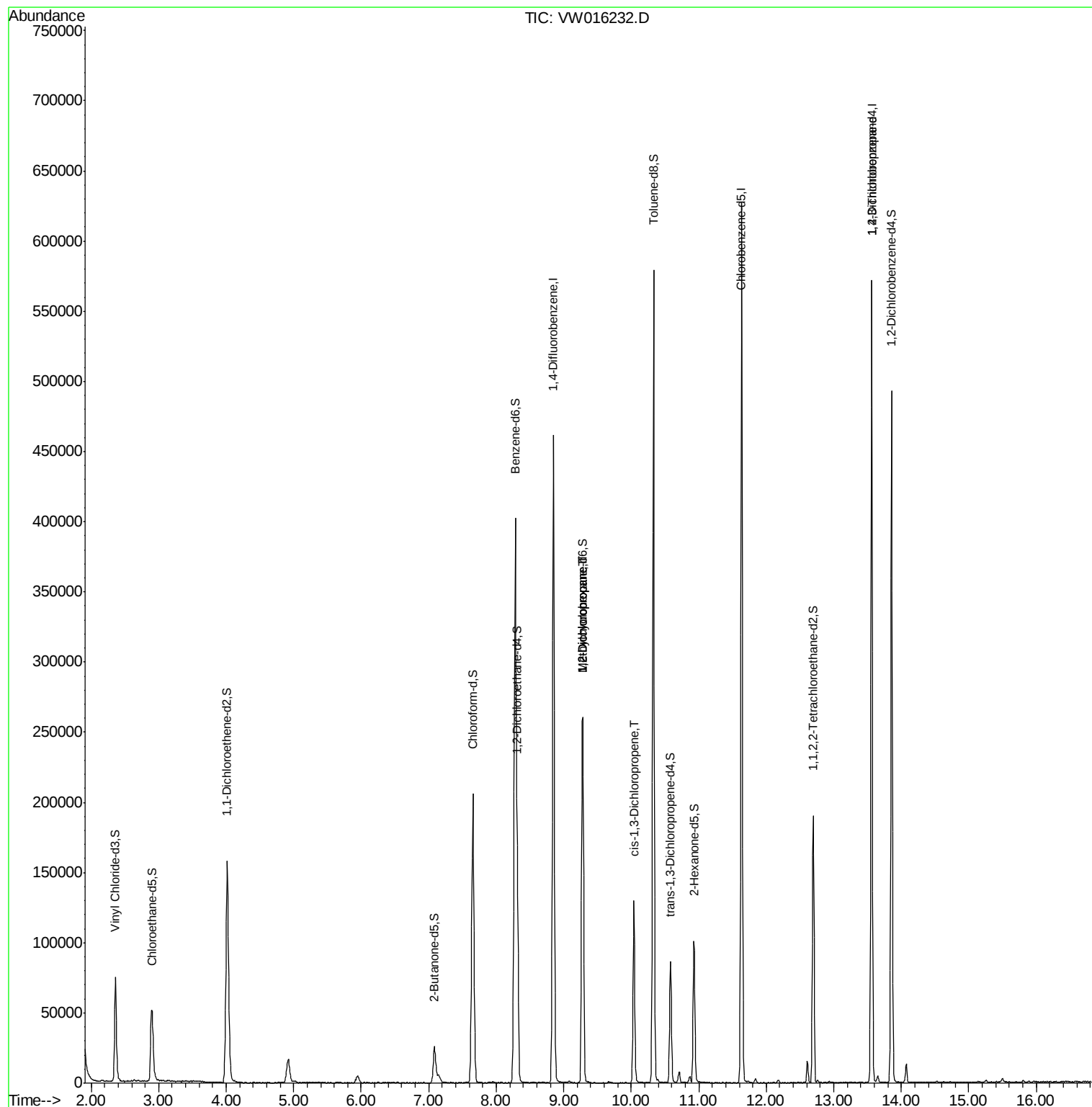
					Ovalue
36) Methylcyclohexane	9.28	83	32437	3.551 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	13709	2.707 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3495	0.453 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	17846	5.065 ug/L	90

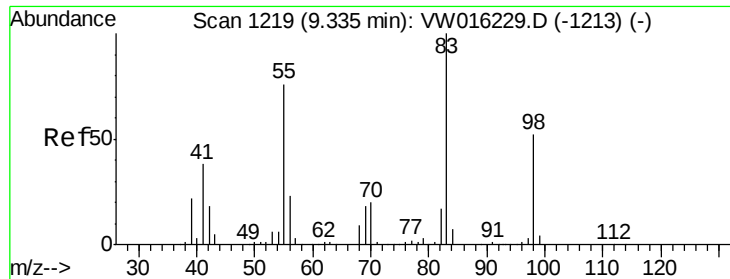
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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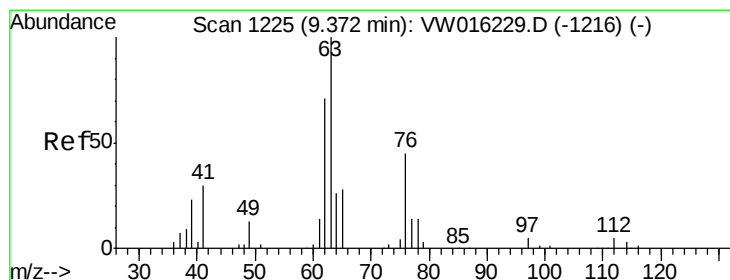
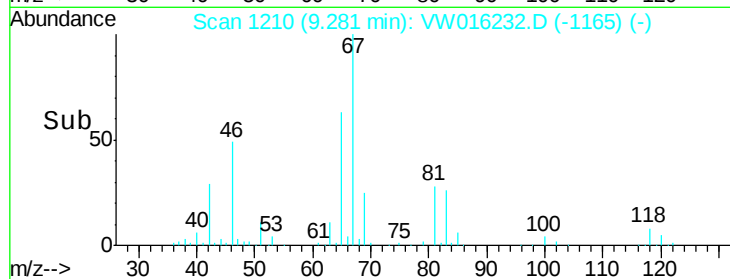
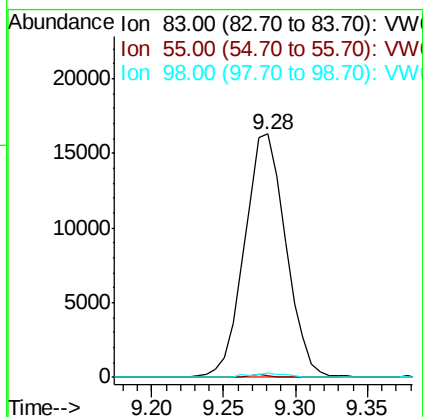
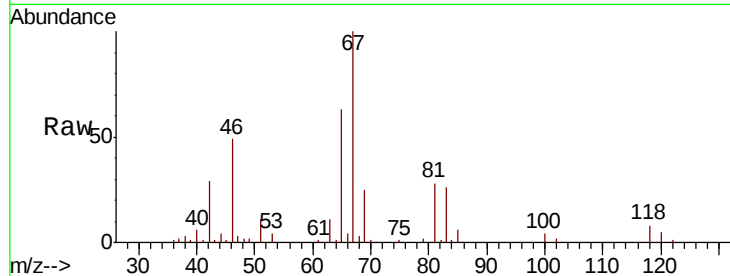




#36
Methylcyclohexane
Concen: 3.551 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016232.D
Acq: 18 Aug 2020 11:29

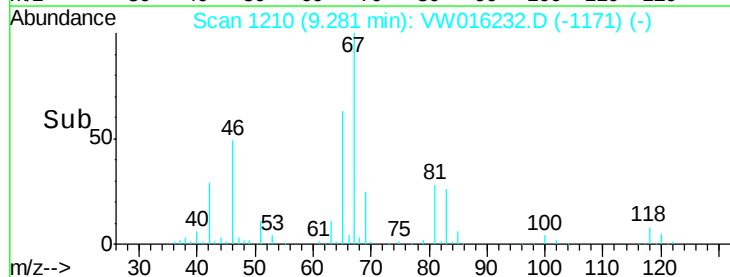
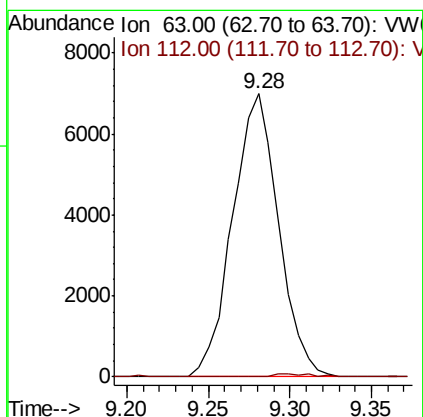
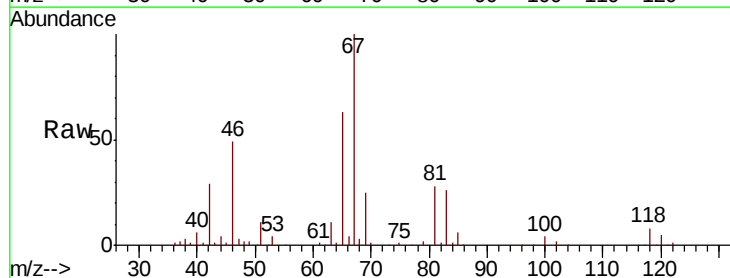
Instrument :
MSVOA_W
ClientSampleId :
BFSQ5

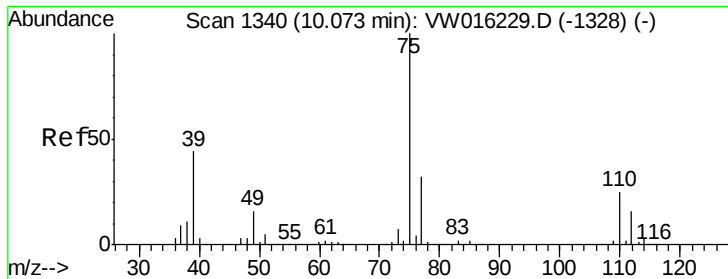
Tot Ion: 83 Resp: 32437
Ion Ratio Lower Upper
83 100
55 0.6 60.7 91.1#
98 1.7 39.4 59.0#



#40
1,2-Dichloropropane
Concen: 2.707 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016232.D
Acq: 18 Aug 2020 11:29

Tgt Ion: 63 Resp: 13709
Ion Ratio Lower Upper
63 100
112 0.5 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.453 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016232.D

Acq: 18 Aug 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

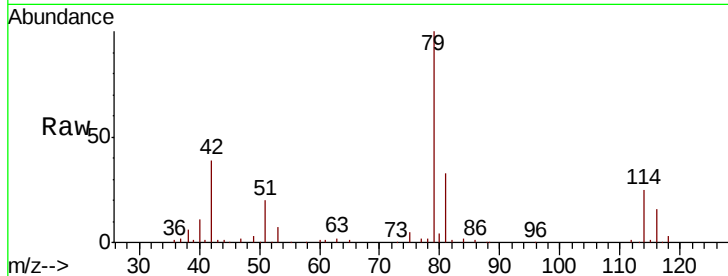
BFSQ5

Tot Ion: 75 Resp: 3495

Ion Ratio Lower Upper

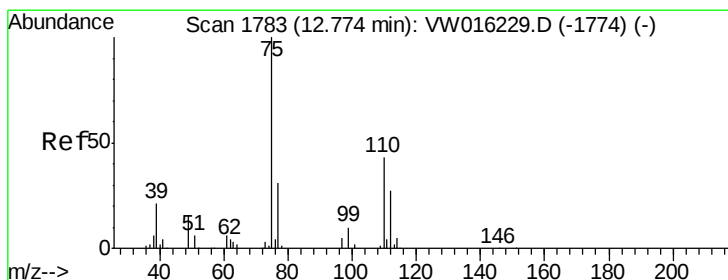
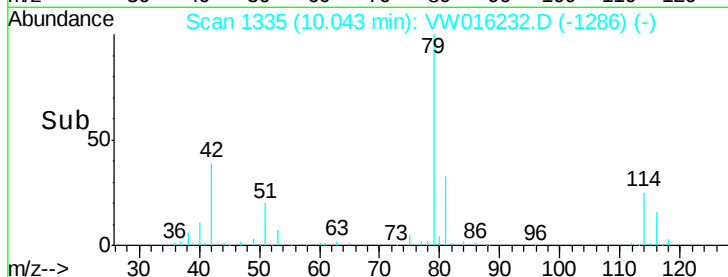
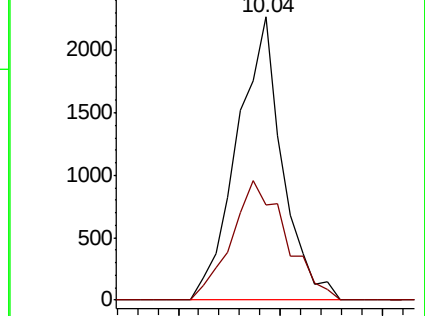
75 100

77 33.7 22.9 42.5



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: 5.065 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016232.D

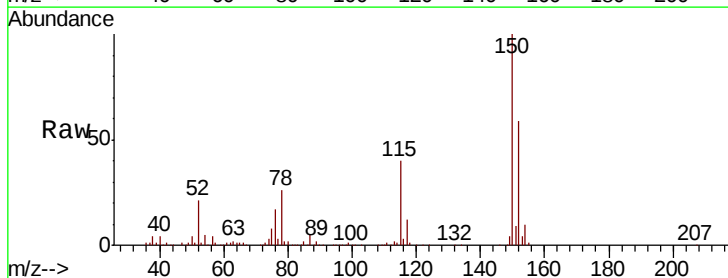
Acq: 18 Aug 2020 11:29

Tgt Ion: 75 Resp: 17846

Ion Ratio Lower Upper

75 100

77 38.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

