

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016231.D
 Acq On : 18 Aug 2020 11:06
 Operator : SY/VA
 Sample : L3702-06RE
 Misc : 6.37G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP1

Quant Time: Aug 19 05:51:01 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	434159	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390856	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164826	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92592	17.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.80%
7) Chloroethane-d5	2.90	69	75598	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.00%
10) 1,1-Dichloroethene-d2	4.01	63	158925	13.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.60%
20) 2-Butanone-d5	7.08	46	40746	28.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.54%
24) Chloroform-d	7.65	84	229029	19.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.64%
26) 1,2-Dichloroethane-d4	8.31	65	107762	17.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.64%#
29) Benzene-d6	8.27	84	448267	21.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.32%
33) 1,2-Dichloropropane-d6	9.27	67	130201	20.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.28%
37) Toluene-d8	10.33	98	404505	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.96%
38) trans-1,3-Dichloropropene-	10.58	79	49497	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.44%
39) 2-Hexanone-d5	10.93	63	32876	30.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91943	18.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	138659	23.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.92%

Target Compounds

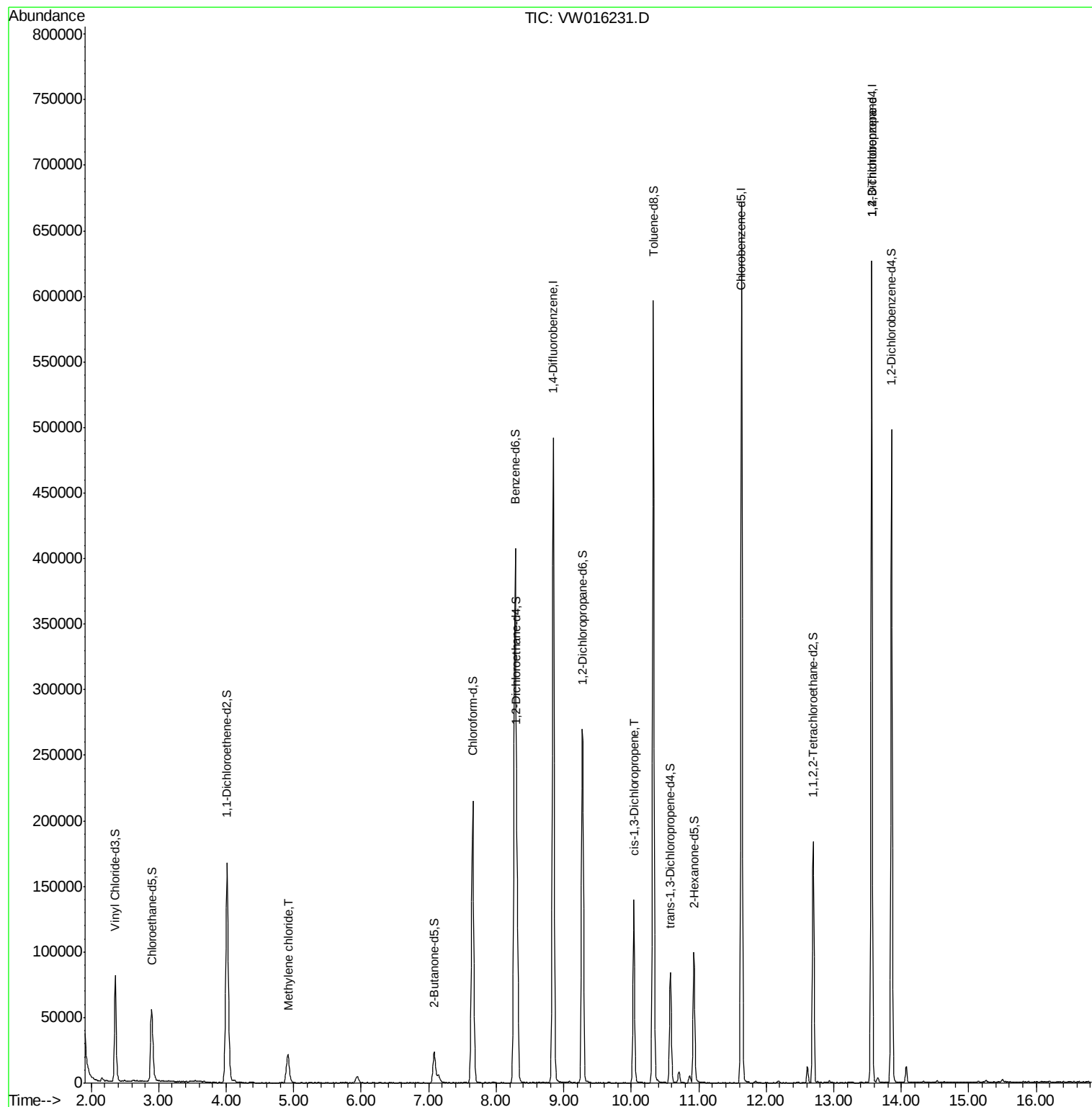
					Ovalue
16) Methylene chloride	4.91	84	18125	2.644 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	3383	0.401 ug/L #	55
59) 1,2,3-Trichloropropane	13.56	75	19367	5.029 ug/L	89

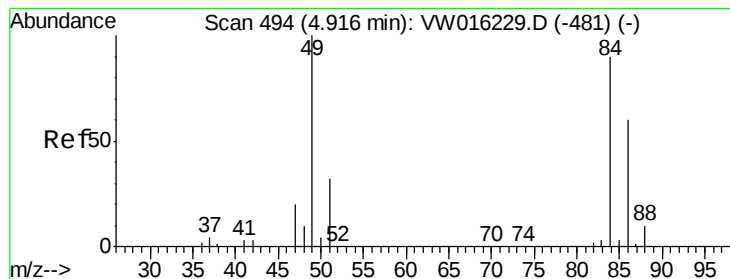
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 05:49:31 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.644 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016231.D

Acq: 18 Aug 2020 11:06

Instrument :

MSVOA_W

ClientSampleId :

BFSP1

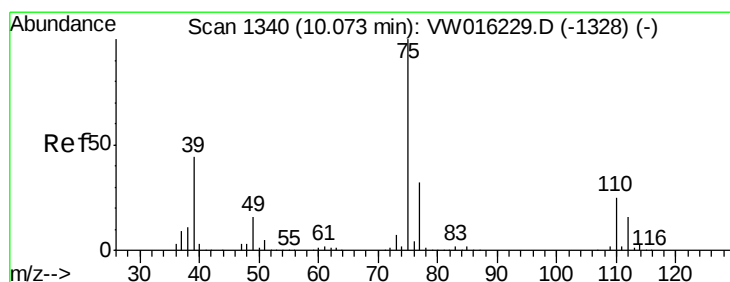
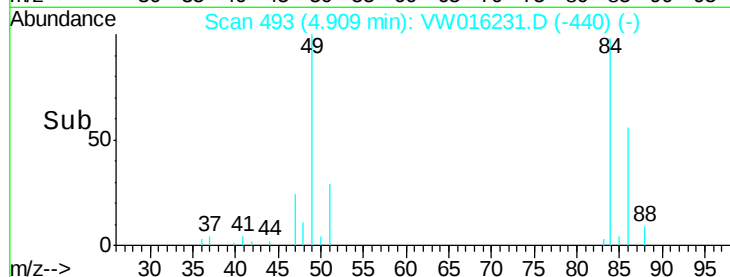
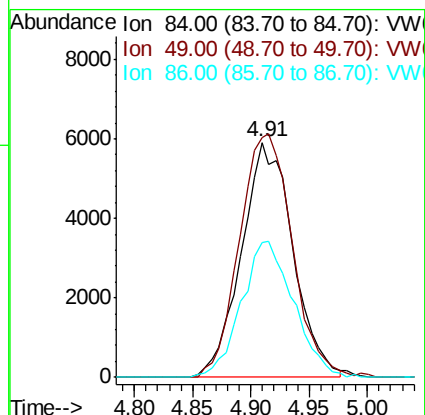
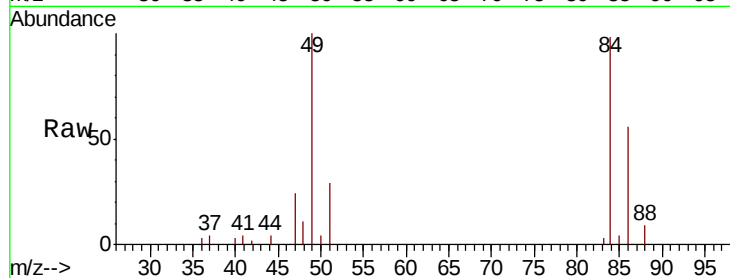
Tot Ion: 84 Resp: 18125

Ion Ratio Lower Upper

84 100

49 102.2 80.4 149.4

86 57.4 43.8 81.3



#42

cis-1,3-Dichloropropene

Concen: 0.401 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016231.D

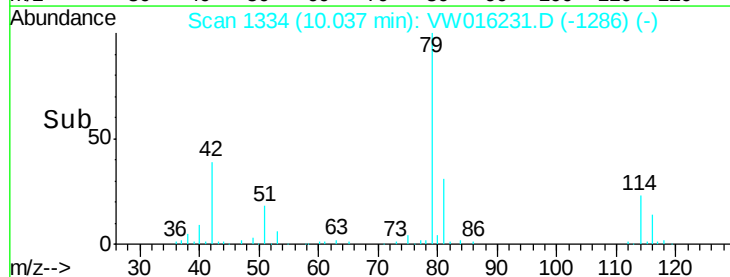
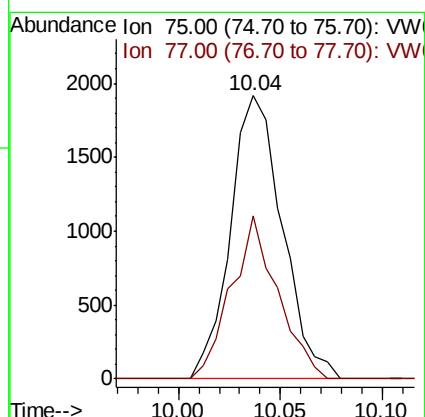
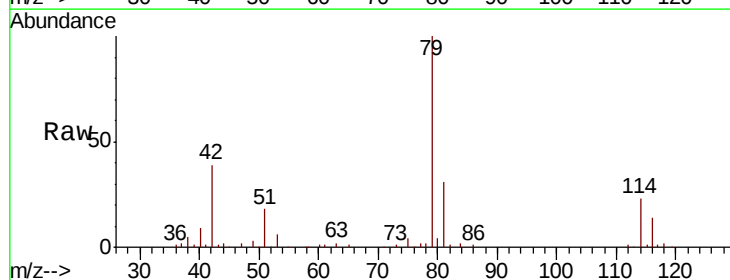
Acq: 18 Aug 2020 11:06

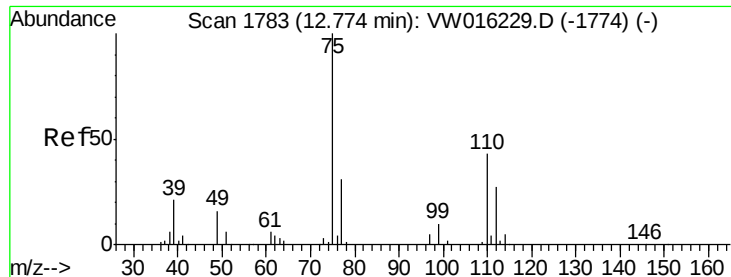
Tgt Ion: 75 Resp: 3383

Ion Ratio Lower Upper

75 100

77 57.8 22.9 42.5#





#59

1,2,3-Trichloropropane

Concen: 5.029 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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MSVOA_W

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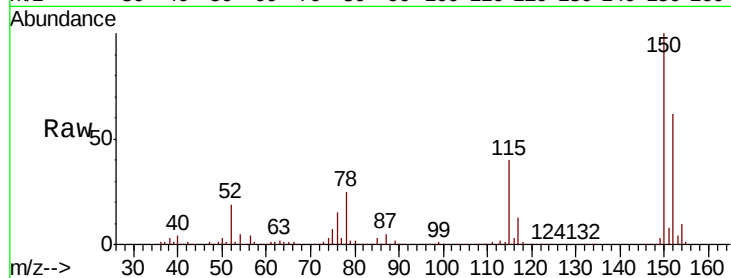
BFSP1

Tot Ion: 75 Resp: 19367

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

