

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014673.D
 Acq On : 16 Jan 2020 15:45
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 17 01:22:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1147985	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1021102	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	483412	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	270365	16.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.84%
7) Chloroethane-d5	2.89	69	220183	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
10) 1,1-Dichloroethene-d2	4.01	63	402436	13.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.36%
20) 2-Butanone-d5	7.07	46	181939	47.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.50%
24) Chloroform-d	7.65	84	502347	19.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.08%
26) 1,2-Dichloroethane-d4	8.31	65	274962	20.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.24%
29) Benzene-d6	8.27	84	1096268	20.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.76%
33) 1,2-Dichloropropane-d6	9.27	67	334856	20.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.04%
37) Toluene-d8	10.32	98	1011118	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.16%
38) trans-1,3-Dichloropropene-	10.58	79	135713	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.52%
39) 2-Hexanone-d5	10.92	63	147566	52.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	273247	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	339437	21.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.24%

Target Compounds

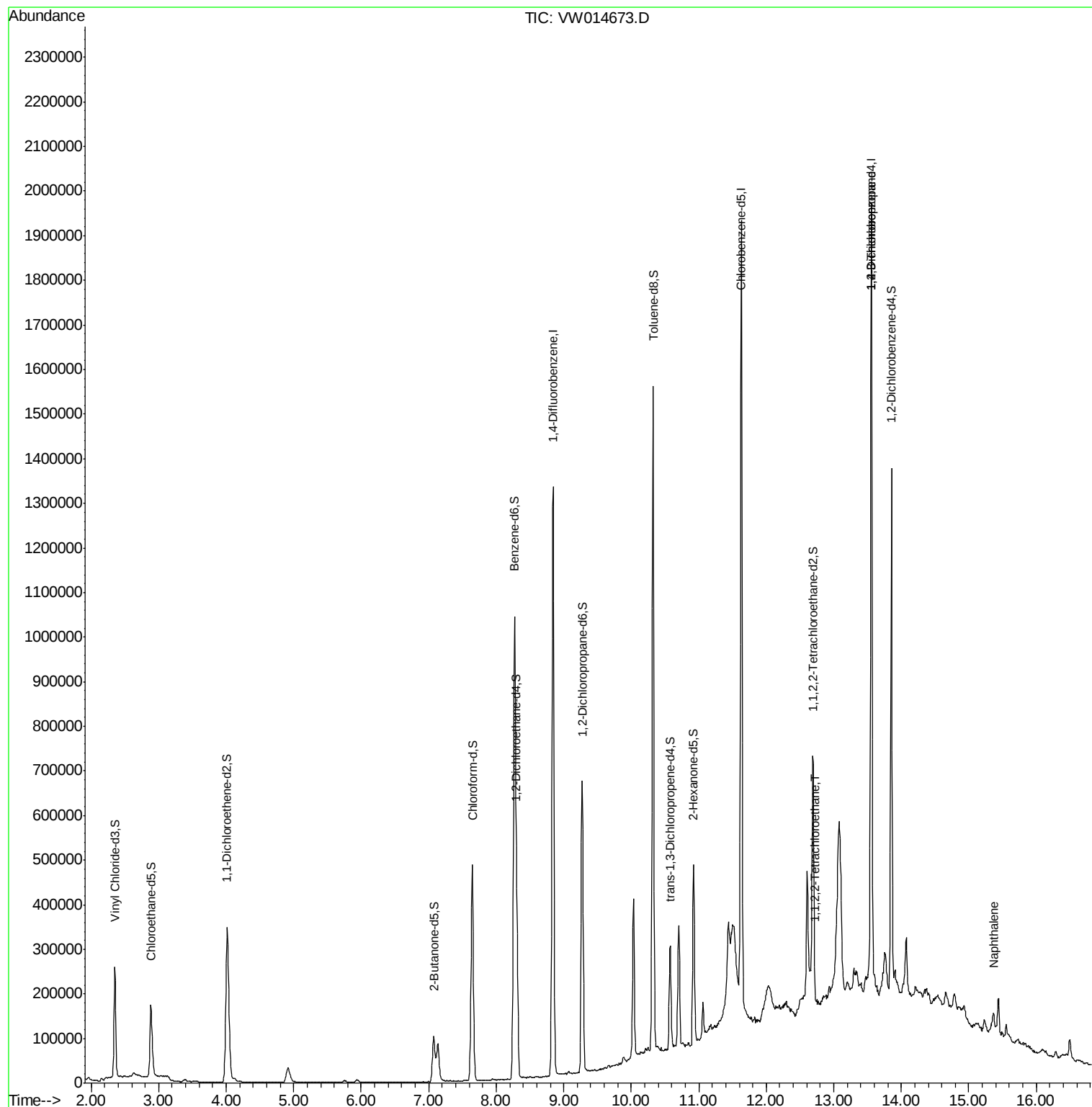
					Ovalue
58) 1,1,2,2-Tetrachloroethane	12.72	83	11513	0.861 ug/L #	57
59) 1,2,3-Trichloropropane	13.55	75	55206	5.510 ug/L	90
69) Naphthalene	15.36	128	27778	0.947 ug/L	97

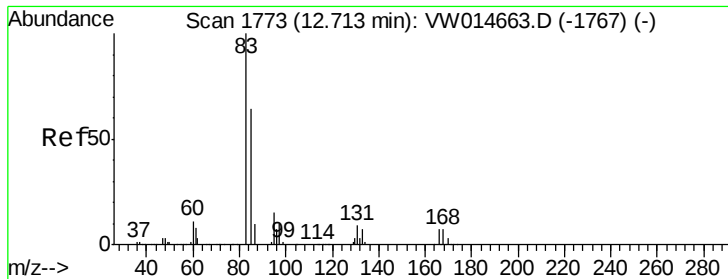
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014673.D
Acq On : 16 Jan 2020 15:45
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 17 01:22:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:19:13 2020
Response via : Initial Calibration





#58

1,1,2,2-Tetrachloroethane

Concen: 0.861 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW014673.D

Acq: 16 Jan 2020 15:45

Instrument :

MSVOA_W

ClientSampled :

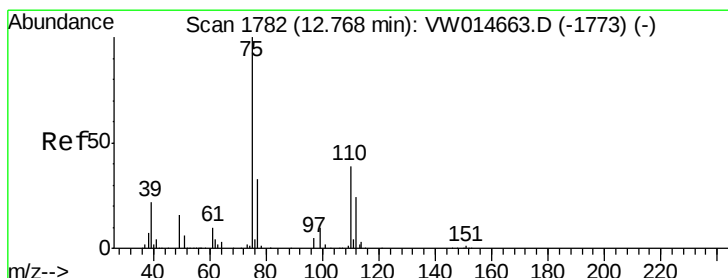
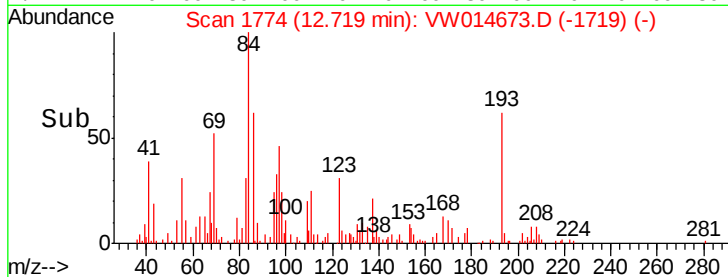
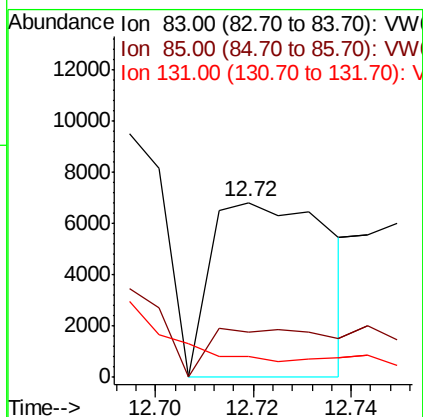
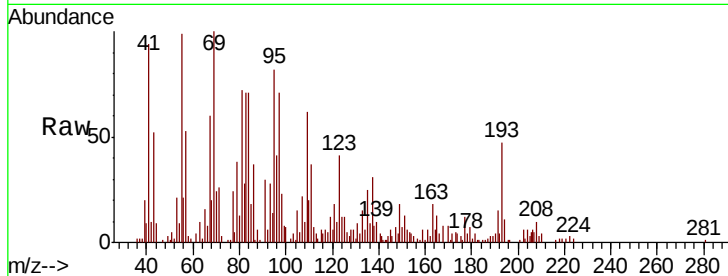
Tot Ion: 83 Resp: 11513

Ion Ratio Lower Upper

83 100

85 25.9 45.3 84.1#

131 12.0 8.0 12.0#



#59

1,2,3-Trichloropropane

Concen: 5.510 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014673.D

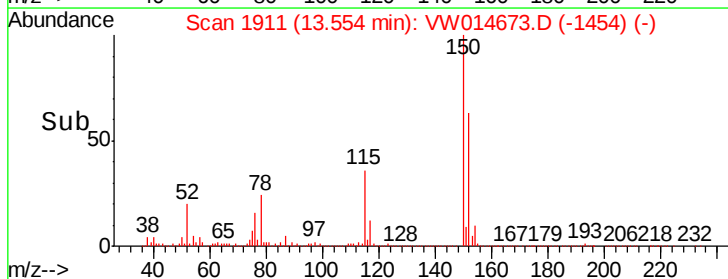
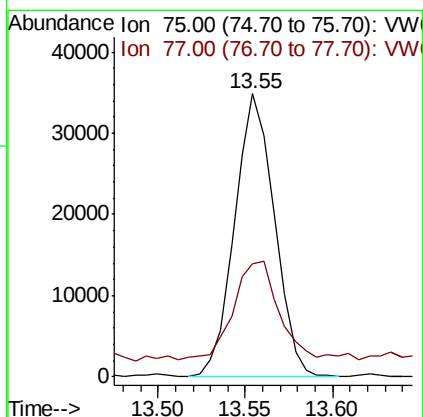
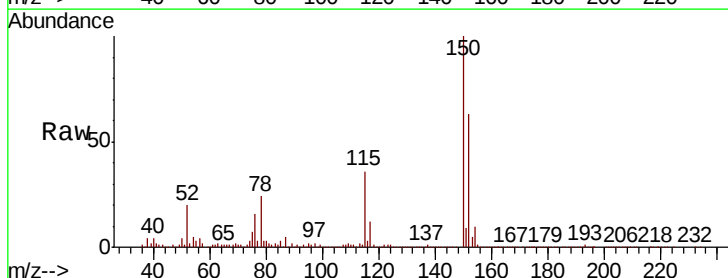
Acq: 16 Jan 2020 15:45

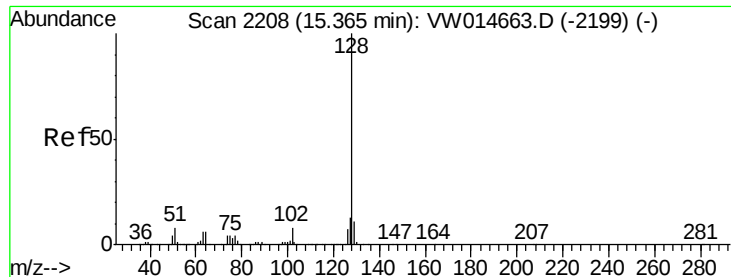
Tgt Ion: 75 Resp: 55206

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2





#69

Naphthalene

Concen: 0.947 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014673.D

Acq: 16 Jan 2020 15:45

Instrument :

MSVOA_W

ClientSampleId :

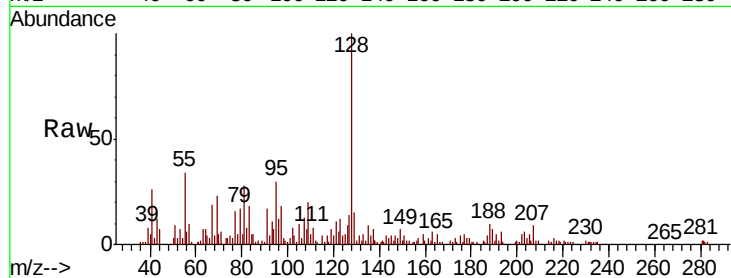
Tot Ion:128 Resp: 27778

Ion Ratio Lower Upper

128 100

129 12.9 8.8 13.2

127 14.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

