

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009783.D
 Acq On : 06 Apr 2019 21:35
 Operator : SY/VA
 Sample : K2217-01
 Misc : 5.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF611

Quant Time: Apr 07 05:39:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	455304	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390124	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126315	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148114	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.44%
7) Chloroethane-d5	2.89	69	144892	26.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.16%
10) 1,1-Dichloroethene-d2	4.01	63	257856	20.12	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.48%
20) 2-Butanone-d5	7.07	46	64558	33.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.74%
24) Chloroform-d	7.74	84	270	0.02	ug/L	0.10
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.08%#
26) 1,2-Dichloroethane-d4	8.30	65	221499	29.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.16%
29) Benzene-d6	8.27	84	655203	31.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.96%
33) 1,2-Dichloropropane-d6	9.27	67	208251	32.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.68%#
37) Toluene-d8	10.32	98	552978	29.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.80%
38) trans-1,3-Dichloropropene-	10.57	79	66096	21.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.64%
39) 2-Hexanone-d5	10.92	63	36249	30.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151136	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	130873	29.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.12%

Target Compounds

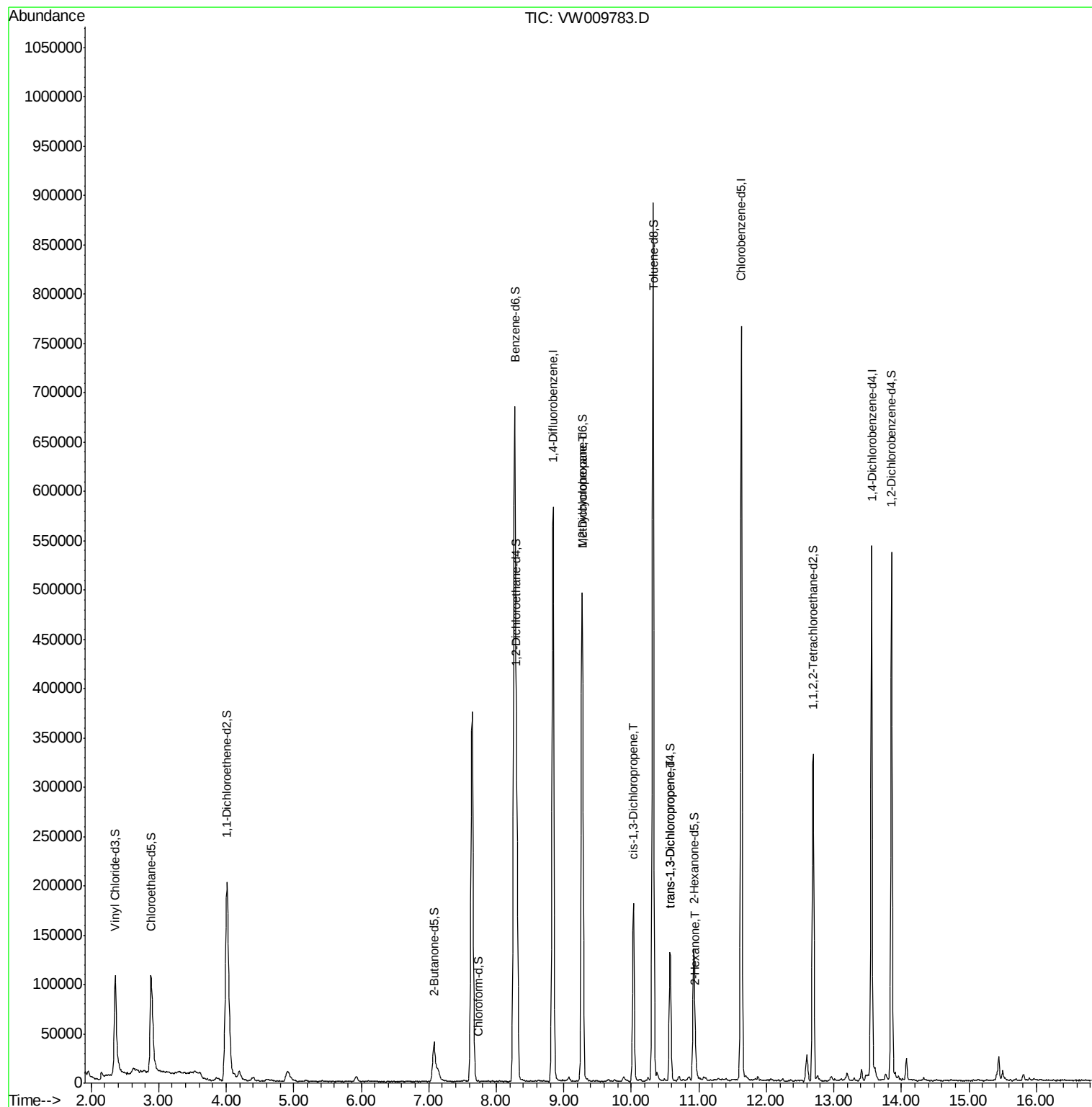
					Qvalue
36) Methylcyclohexane	9.27	83	51700	5.119 ug/L #	16
42) cis-1,3-Dichloropropene	10.03	75	5154	0.554 ug/L #	73
45) trans-1,3-Dichloropropene	10.57	75	3746	0.467 ug/L	99
49) 2-Hexanone	10.95	43	7627	2.195 ug/L #	44

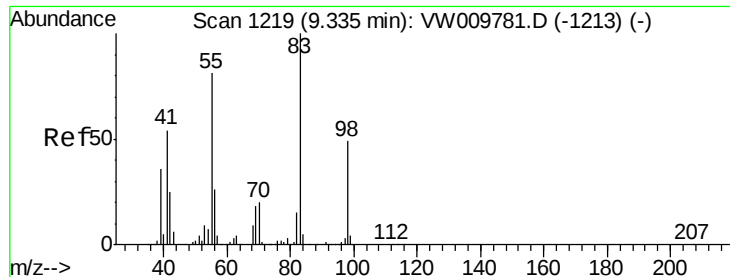
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009783.D
Acq On : 06 Apr 2019 21:35
Operator : SY/VA
Sample : K2217-01
Misc : 5.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF611

Quant Time: Apr 07 05:39:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 05:36:41 2019
Response via : Initial Calibration

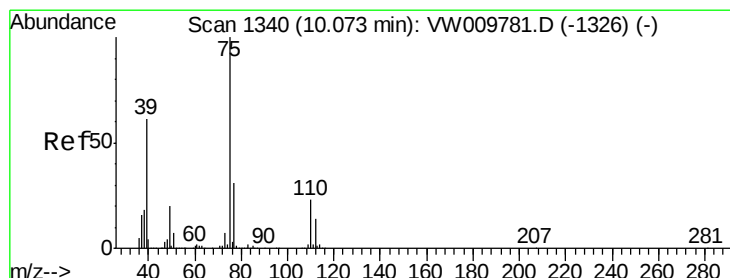
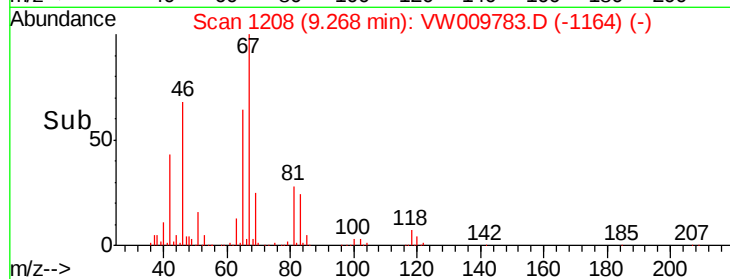
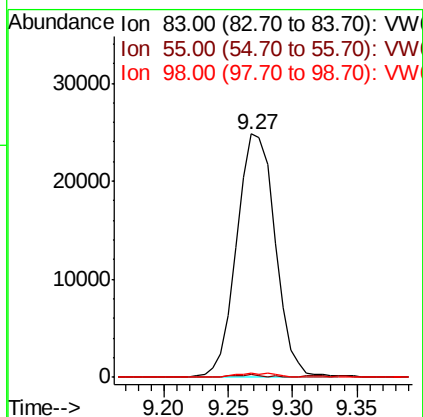
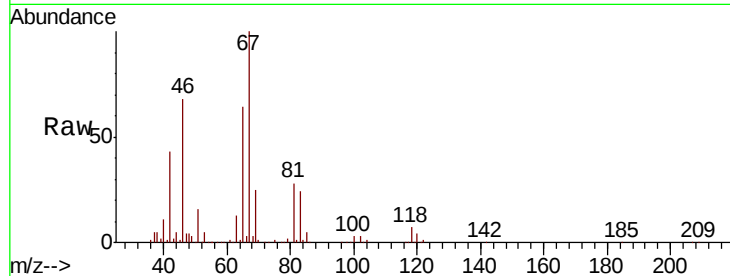




#36
Methylcyclohexane
Concen: 5.119 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW009783.D
Acq: 06 Apr 2019 21:35

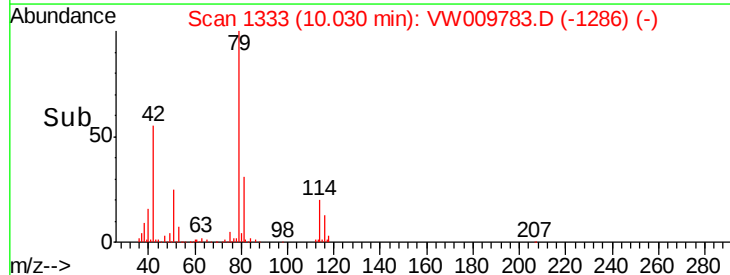
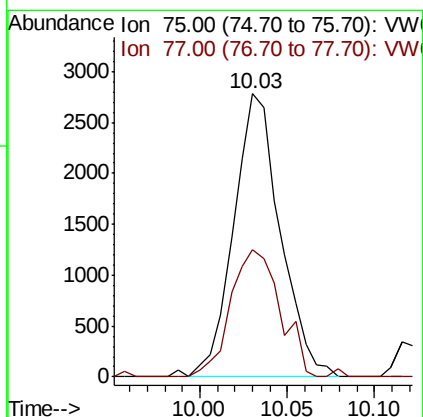
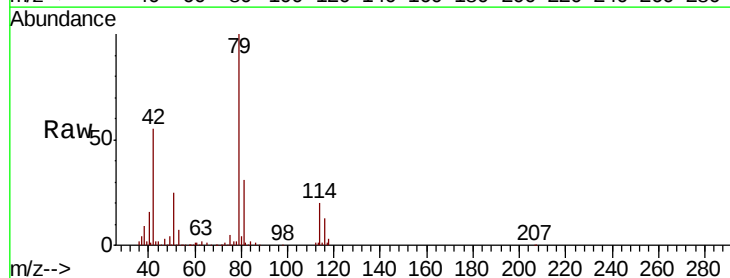
Instrument :
MSVOA_W
ClientSampleId :
BF611

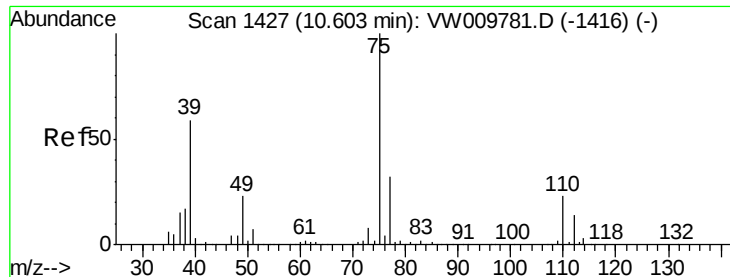
Tgt Ion: 83 Resp: 51700
Ion Ratio Lower Upper
83 100
55 0.5 66.3 99.5#
98 0.2 39.4 59.0#



#42
cis-1,3-Dichloropropene
Concen: 0.554 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW009783.D
Acq: 06 Apr 2019 21:35

Tgt Ion: 75 Resp: 5154
Ion Ratio Lower Upper
75 100
77 44.8 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009783.D

Acq: 06 Apr 2019 21:35

Instrument :

MSVOA_W

ClientSampleId :

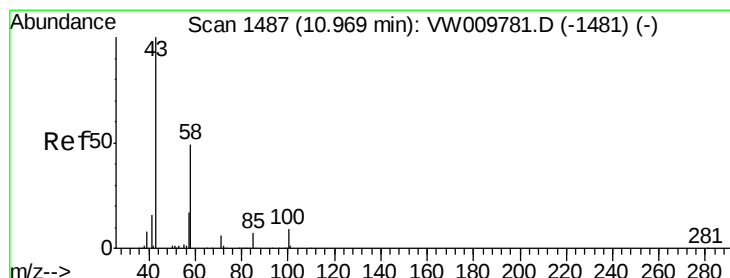
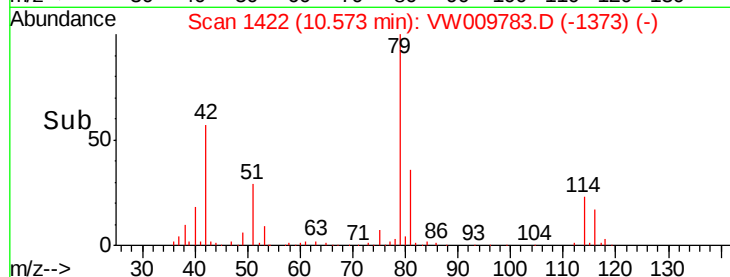
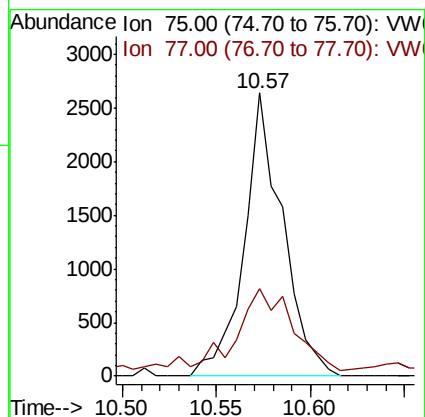
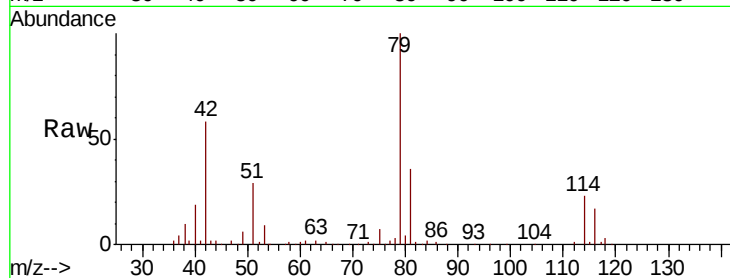
BF611

Tgt Ion: 75 Resp: 3746

Ion Ratio Lower Upper

75 100

77 30.8 21.1 39.3



#49

2-Hexanone

Concen: 2.195 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009783.D

Acq: 06 Apr 2019 21:35

Tgt Ion: 43 Resp: 7627

Ion Ratio Lower Upper

43 100

58 1.9 38.9 58.3#

57 0.3 13.8 20.6#

100 1.8 8.6 13.0#

