

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010266.D
 Acq On : 12 Apr 2019 02:47
 Operator : SY/MD
 Sample : K2354-08
 Misc : 5.55G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF163

Quant Time: Apr 12 04:49:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	281209	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	258298	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103107	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52690	16.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.12%
7) Chloroethane-d5	1.56	69	57543	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.72%
10) 1,1-Dichloroethene-d2	2.12	63	88744	10.77	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.08%#
20) 2-Butanone-d5	3.92	46	45949	56.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.18%
24) Chloroform-d	4.39	84	129267	20.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.52%
26) 1,2-Dichloroethane-d4	5.07	65	90812	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.32%
29) Benzene-d6	5.09	84	288192	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
33) 1,2-Dichloropropane-d6	6.11	67	88740	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	7.36	98	260277	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.72%
38) trans-1,3-Dichloropropene-	7.66	79	31764	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.24%
39) 2-Hexanone-d5	8.13	63	29273	45.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80747	24.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	90730	23.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.32%

Target Compounds

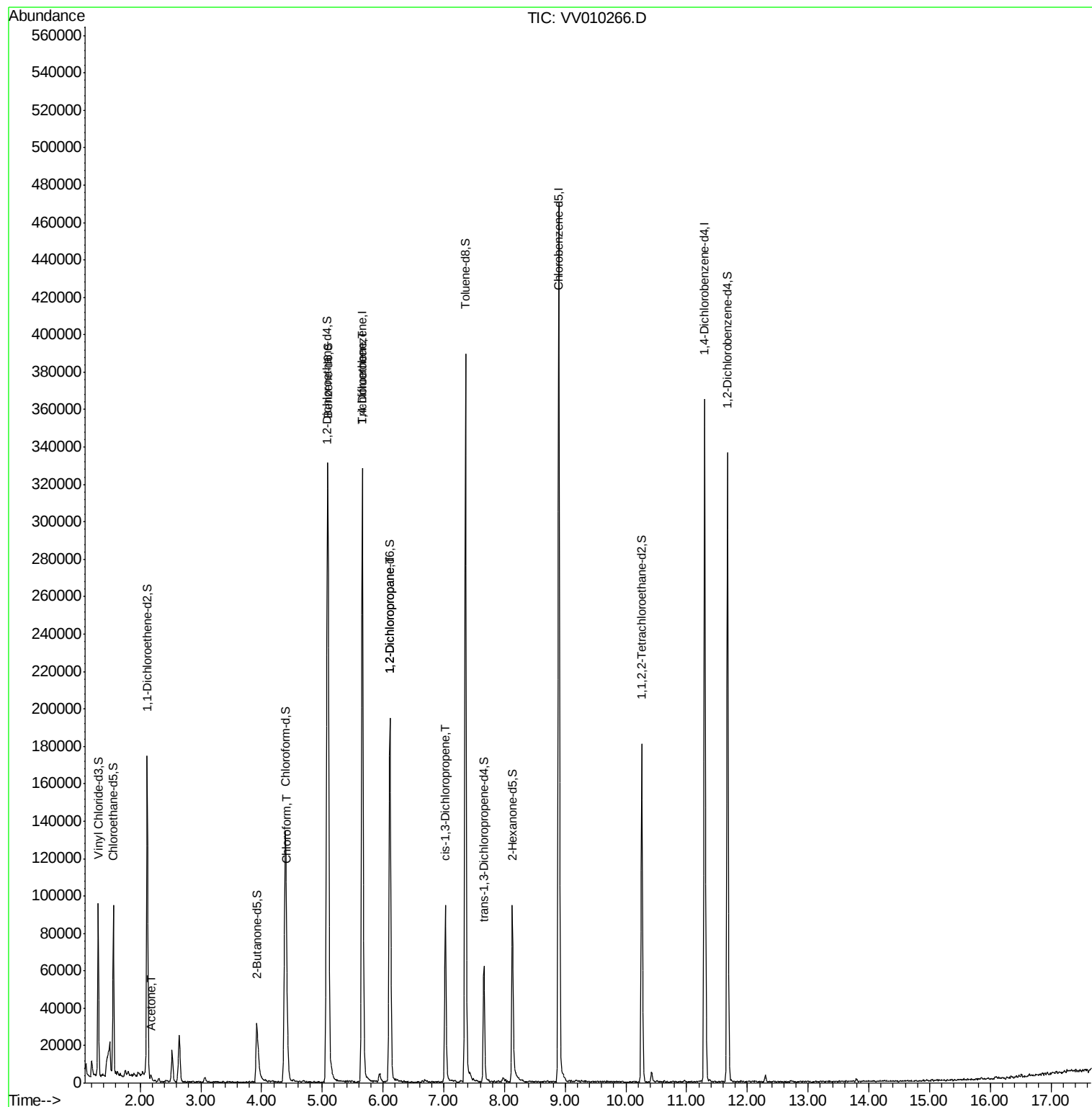
					Qvalue
13) Acetone	2.18	43	1419	1.621 ug/L	96
25) Chloroform	4.42	83	20350	2.954 ug/L	100
35) Trichloroethene	5.66	95	7699	2.035 ug/L #	4
40) 1,2-Dichloropropane	6.11	63	10646	3.323 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	3101	0.639 ug/L #	54

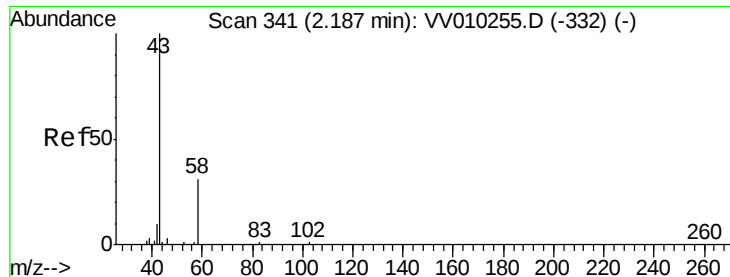
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.621 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010266.D

Acq: 12 Apr 2019 02:47

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MSVOA_V

ClientSampleId :

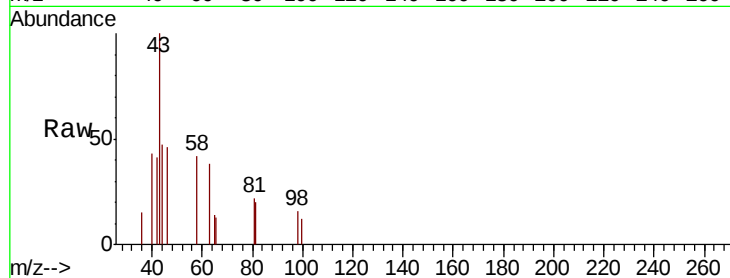
BF163

Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

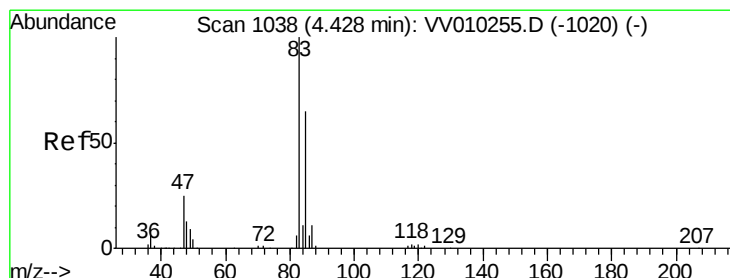
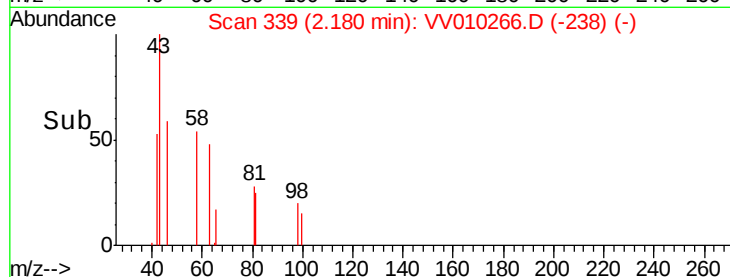
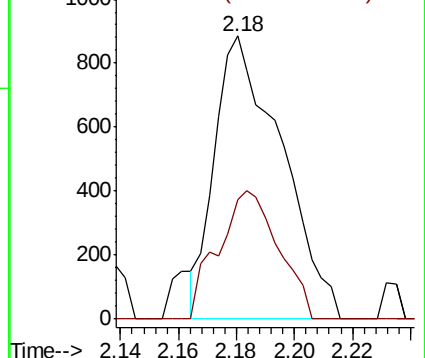
43 100

58 33.0 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010255.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010255.D (-332) (-)



#25

Chloroform

Concen: 2.954 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV010266.D

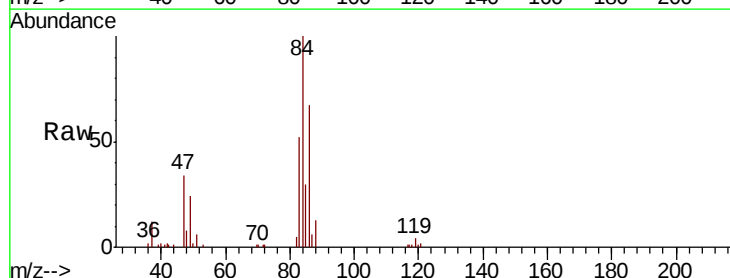
Acq: 12 Apr 2019 02:47

Tgt Ion: 83 Resp: 20350

Ion Ratio Lower Upper

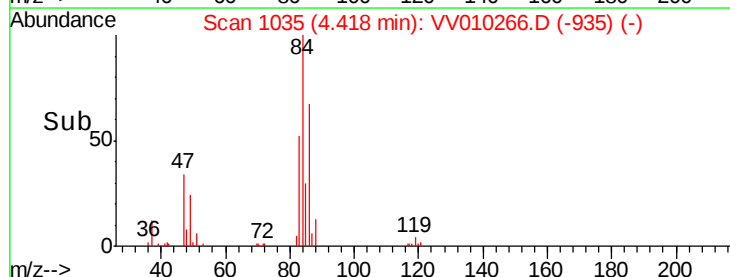
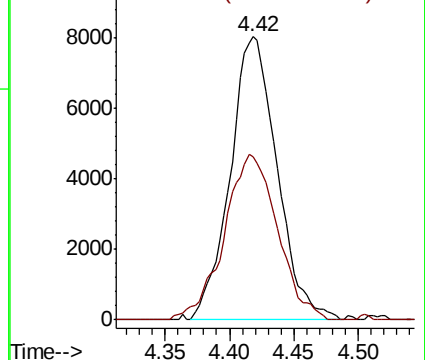
83 100

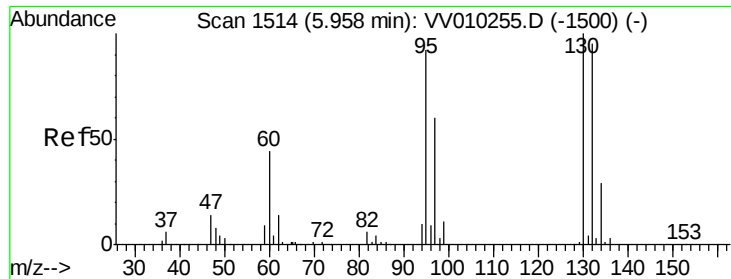
85 64.7 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV010255.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV010255.D (-1020) (-)

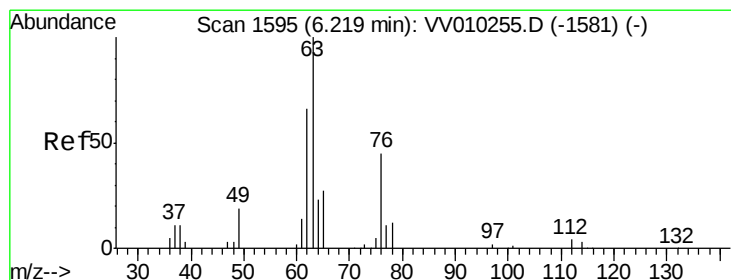
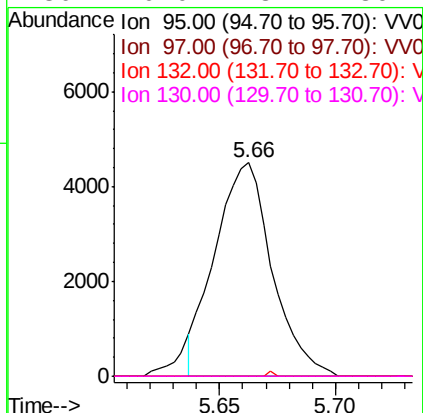
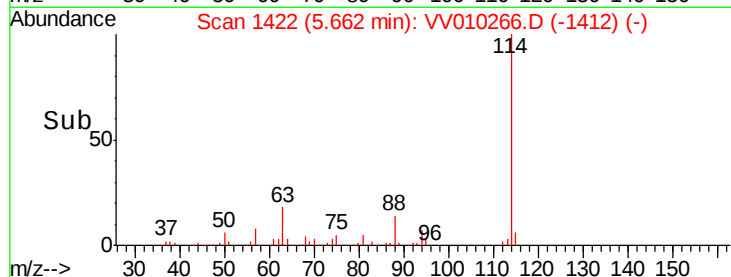
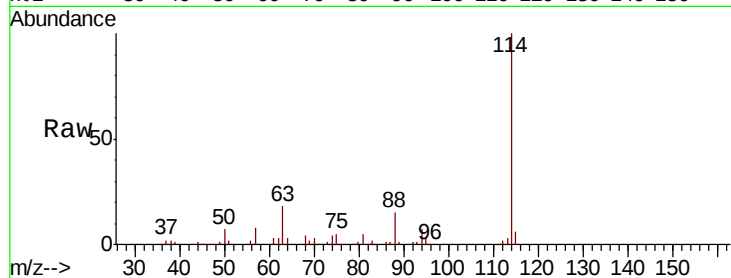




#35
 Trichloroethene
 Concen: 2.035 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.30 min
 Lab File: VV010266.D
 Acq: 12 Apr 2019 02:47

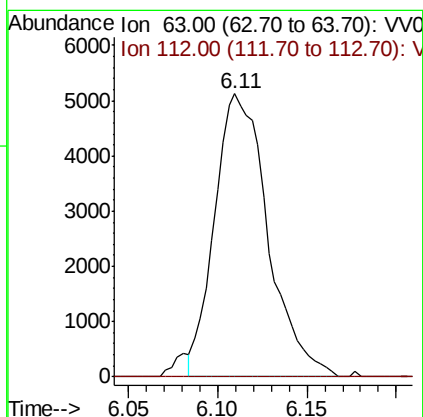
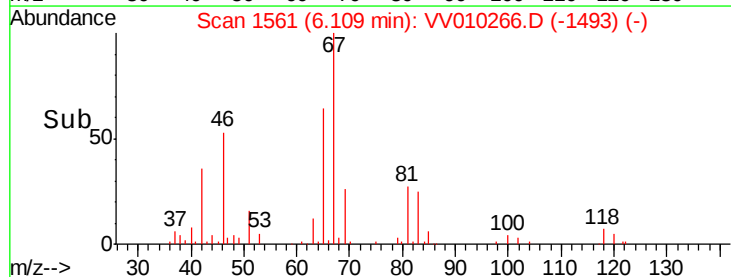
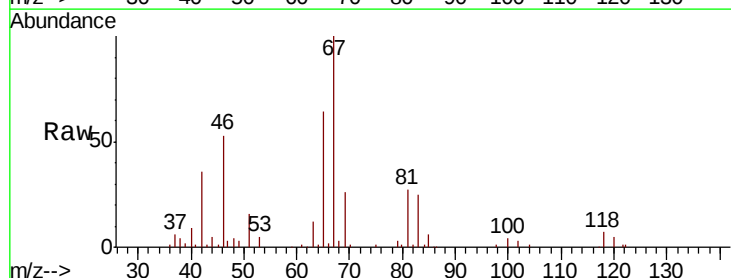
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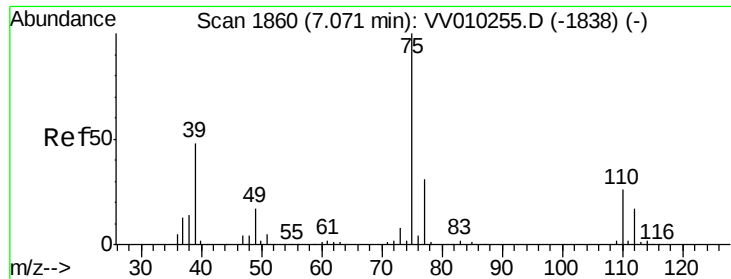
Tgt Ion: 95 Resp: 7699
 Ion Ratio Lower Upper
 95 100
 97 2.7 44.3 82.3#
 132 0.0 71.3 132.3#
 130 0.0 73.4 136.4#



#40
 1,2-Dichloropropane
 Concen: 3.323 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV010266.D
 Acq: 12 Apr 2019 02:47

Tgt Ion: 63 Resp: 10646
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#





#42
 cis-1,3-Dichloropropene
 Concen: 0.639 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV010266.D
 Acq: 12 Apr 2019 02:47

Instrument :
 MSVOA_V
 ClientSampleId :
 BF163

Tgt Ion: 75 Resp: 3101
 Ion Ratio Lower Upper
 75 100
 77 56.9 21.9 40.7#

