

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010265.D
 Acq On : 12 Apr 2019 02:21
 Operator : SY/MD
 Sample : K2354-07
 Misc : 5.68G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF162

Quant Time: Apr 12 04:49:13 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	274381	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	256366	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104771	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	50143	15.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.52%
7) Chloroethane-d5	1.55	69	54406	20.04	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
10) 1,1-Dichloroethene-d2	2.12	63	86188	10.72	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.88%#
20) 2-Butanone-d5	3.92	46	53331	66.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.44%
24) Chloroform-d	4.39	84	124193	19.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.28%
26) 1,2-Dichloroethane-d4	5.07	65	86935	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.44%
29) Benzene-d6	5.09	84	279219	22.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.36%
33) 1,2-Dichloropropane-d6	6.11	67	86058	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.64%
37) Toluene-d8	7.36	98	250595	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.16%
38) trans-1,3-Dichloropropene-	7.66	79	30994	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.88%
39) 2-Hexanone-d5	8.13	63	35247	55.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	81554	24.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	88486	22.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.48%

Target Compounds

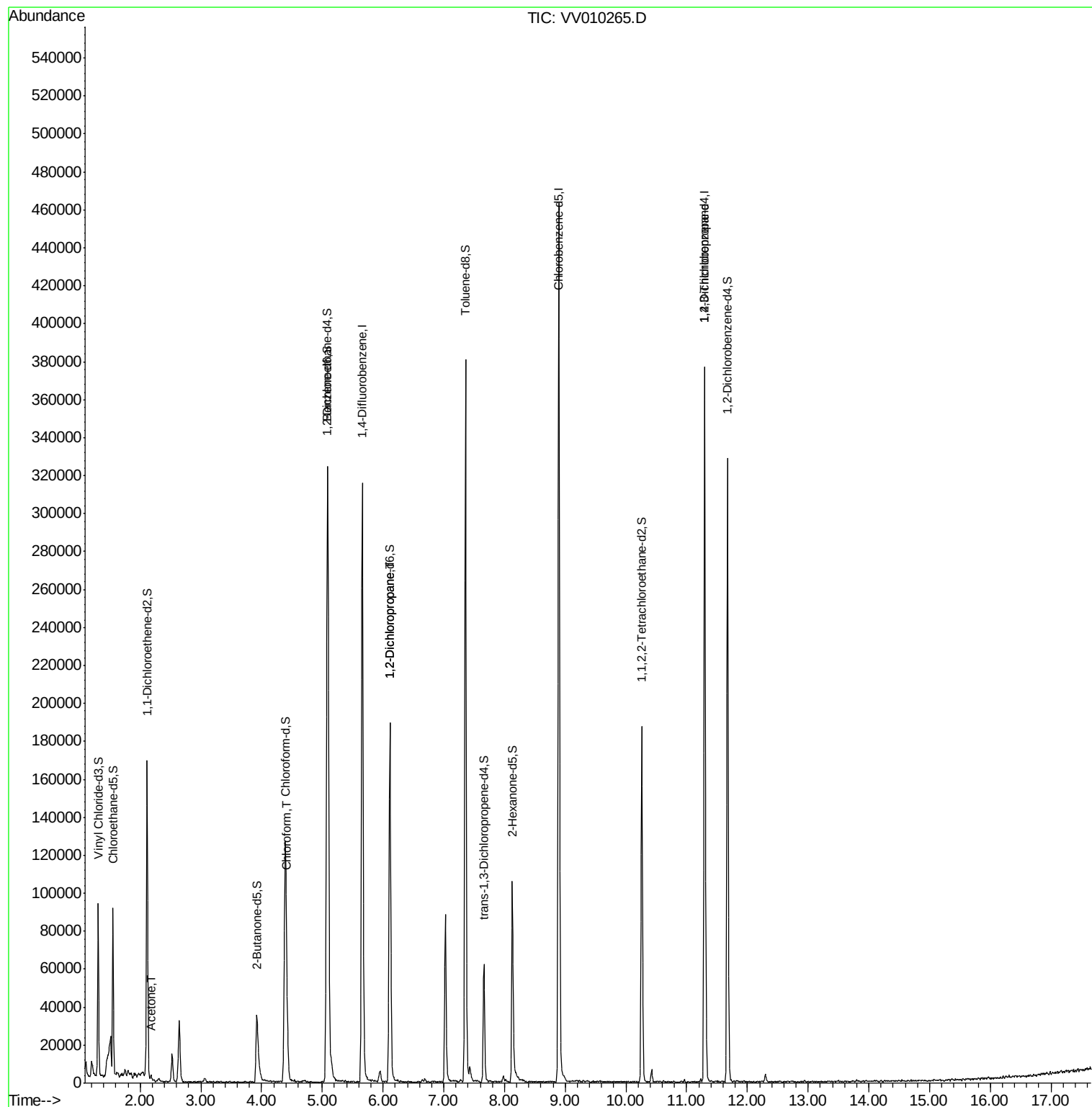
					Qvalue
13) Acetone	2.18	43	1218	1.426 ug/L	86
25) Chloroform	4.42	83	22156	3.297 ug/L	91
40) 1,2-Dichloropropane	6.12	63	10279	3.233 ug/L #	85
59) 1,2,3-Trichloropropane	11.30	75	13160	5.364 ug/L	99

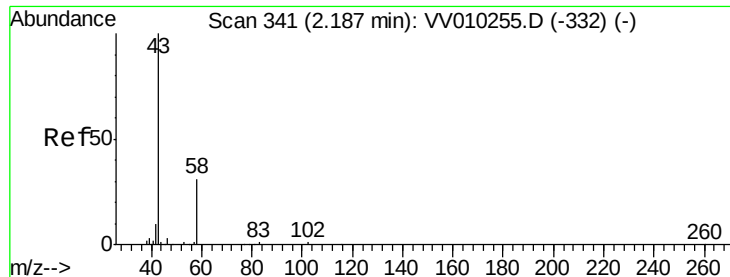
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.426 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010265.D

Acq: 12 Apr 2019 02:21

Instrument :

MSVOA_V

ClientSampled :

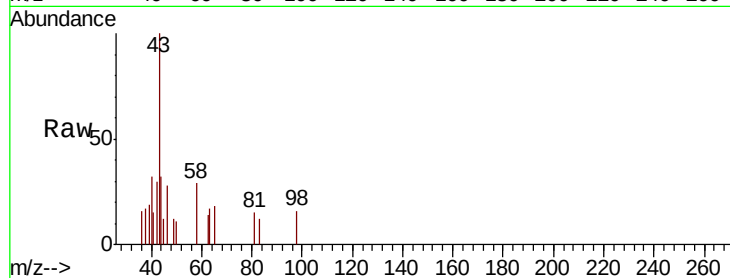
BF162

Tgt Ion: 43 Resp: 1218

Ion Ratio Lower Upper

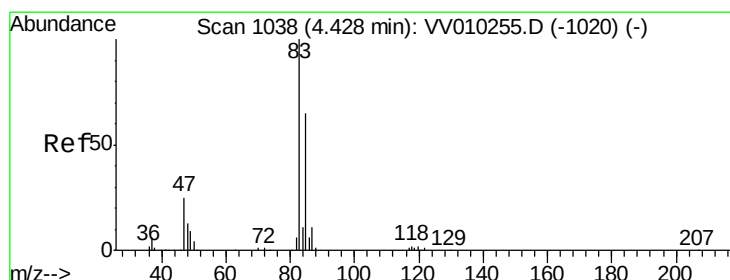
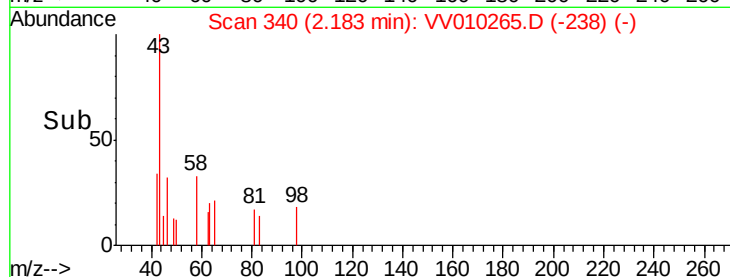
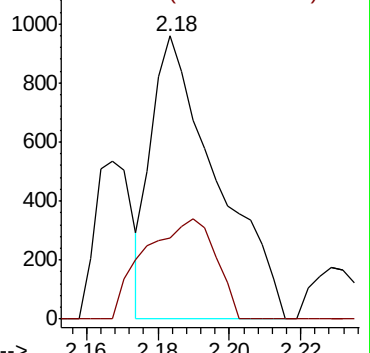
43 100

58 38.3 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: 3.297 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV010265.D

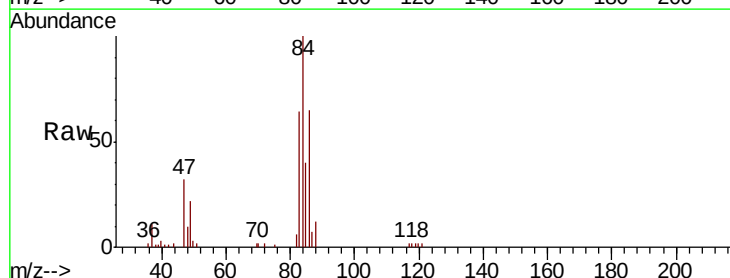
Acq: 12 Apr 2019 02:21

Tgt Ion: 83 Resp: 22156

Ion Ratio Lower Upper

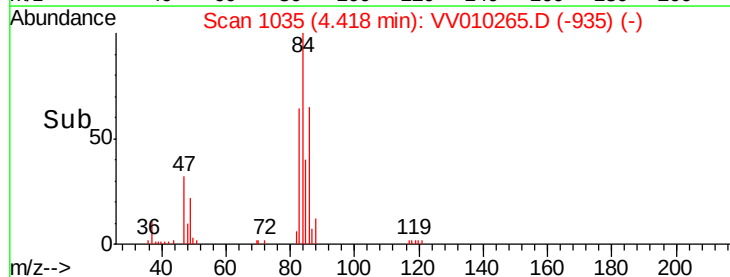
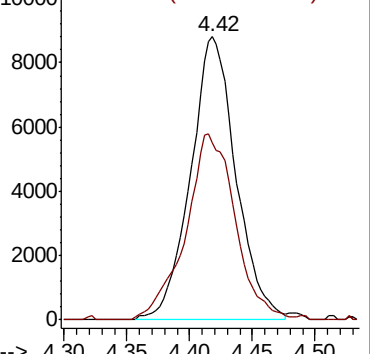
83 100

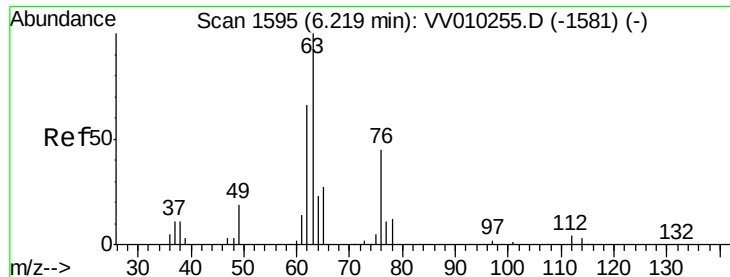
85 71.8 45.4 84.2



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

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

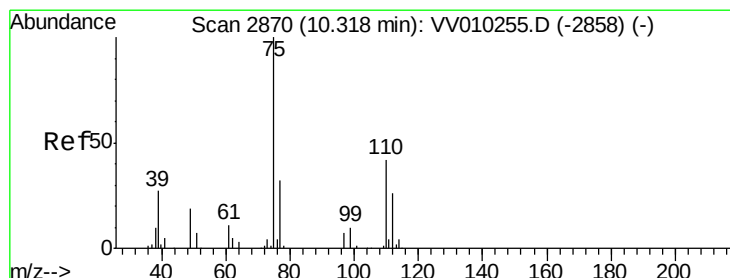
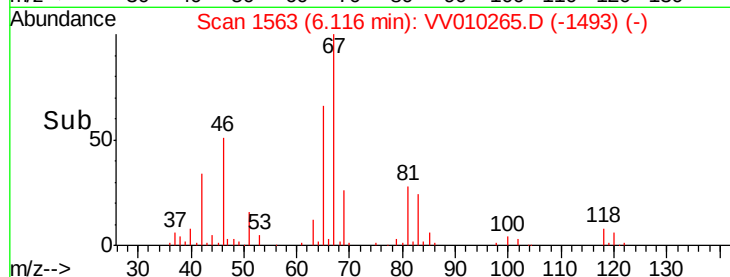
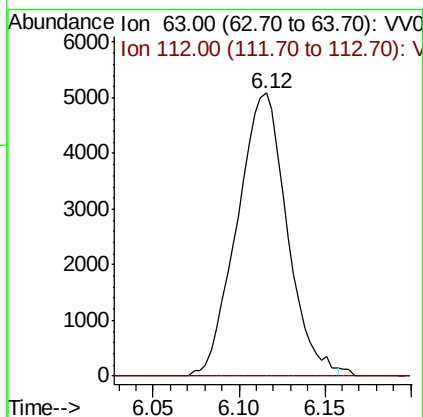
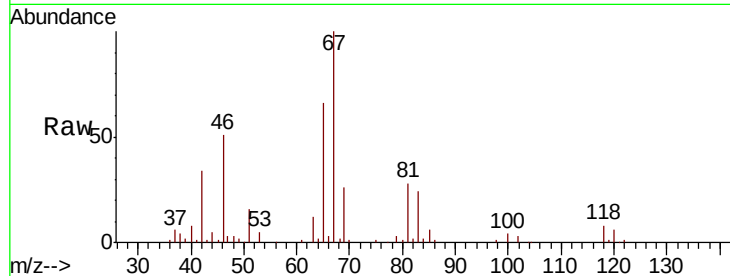




#40
 1,2-Dichloropropane
 Concen: 3.233 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV010265.D
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Tgt Ion: 63 Resp: 10279
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.364 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010265.D
 Acq: 12 Apr 2019 02:21

Tgt Ion: 75 Resp: 13160
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.9 40.3

