

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010244.D
 Acq On : 11 Apr 2019 15:21
 Operator : SY/MD
 Sample : K2255-13
 Misc : 6.11G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC44

Quant Time: Apr 12 01:28:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	287642	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	265530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54609	16.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.96%
7) Chloroethane-d5	1.58	69	54239	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.24%
10) 1,1-Dichloroethene-d2	2.13	63	113953	13.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.08%
20) 2-Butanone-d5	3.93	46	36299	43.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.64%
24) Chloroform-d	4.40	84	133443	20.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.28%
26) 1,2-Dichloroethane-d4	5.08	65	74674	19.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.84%
29) Benzene-d6	5.10	84	270384	21.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.48%
33) 1,2-Dichloropropane-d6	6.12	67	84276	22.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.52%
37) Toluene-d8	7.36	98	261214	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.68%
38) trans-1,3-Dichloropropene-	7.66	79	30609	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.12%
39) 2-Hexanone-d5	8.13	63	26660	40.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	70430	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	101363	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

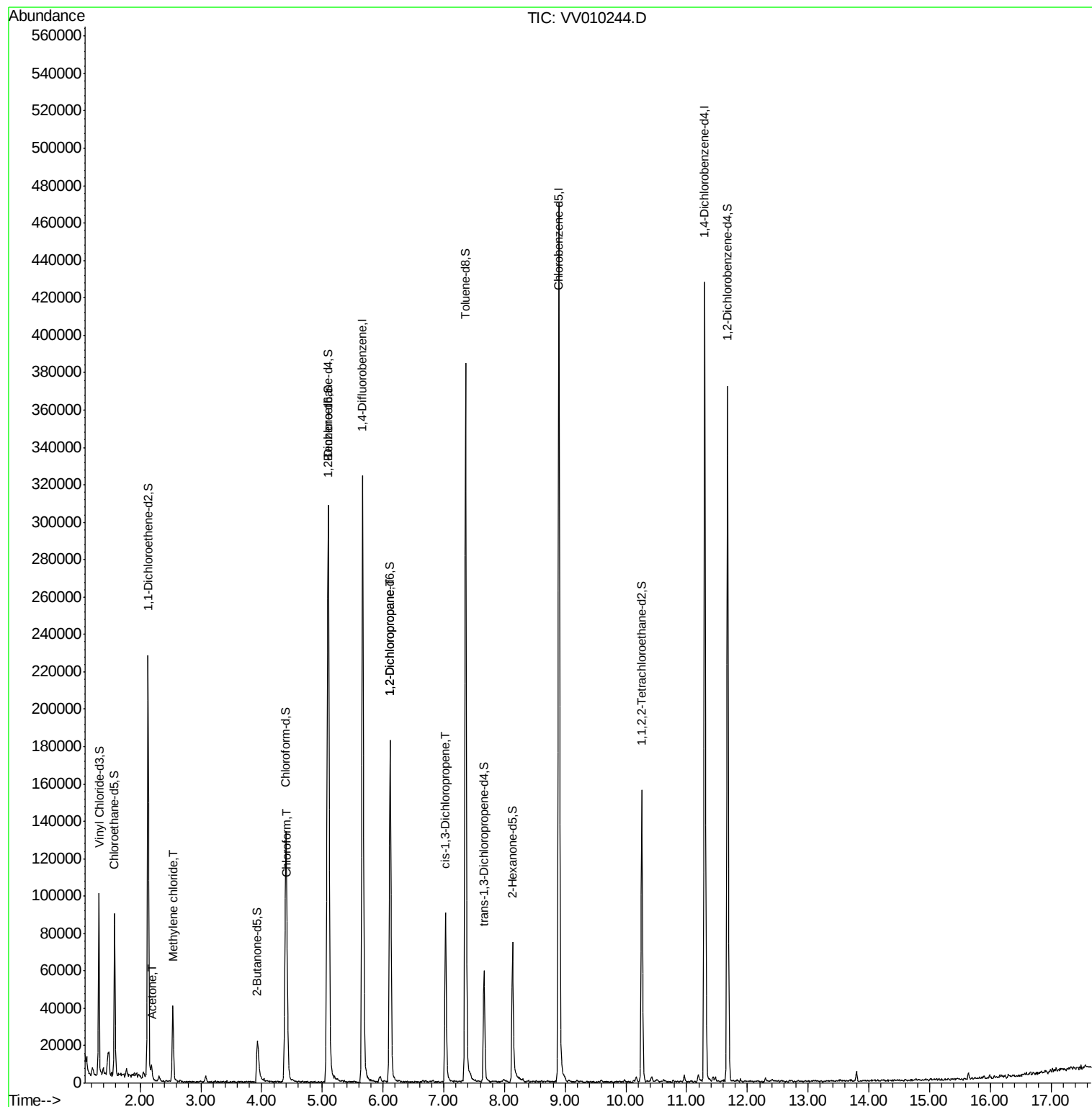
					Qvalue
13) Acetone	2.19	43	4748	5.303 ug/L	93
16) Methylene chloride	2.54	84	16488	2.927 ug/L	92
25) Chloroform	4.43	83	7304	1.037 ug/L	90
40) 1,2-Dichloropropane	6.12	63	9631	2.924 ug/L #	85
42) cis-1,3-Dichloropropene	7.04	75	2778	0.557 ug/L	87

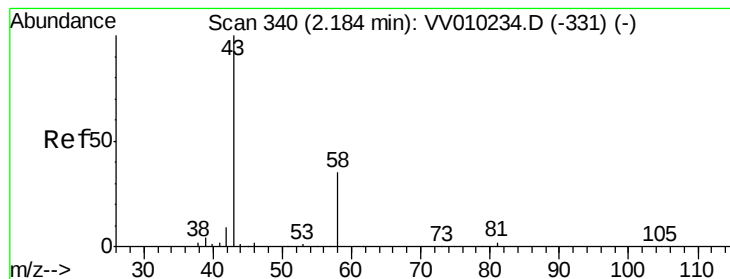
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 01:24:48 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.303 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010244.D

Acq: 11 Apr 2019 15:21

Instrument :

MSVOA_V

ClientSampled :

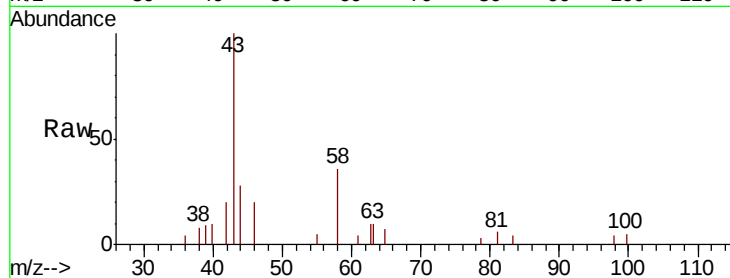
BFC44

Tgt Ion: 43 Resp: 4748

Ion Ratio Lower Upper

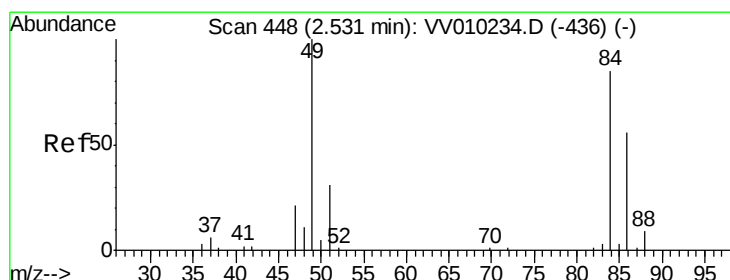
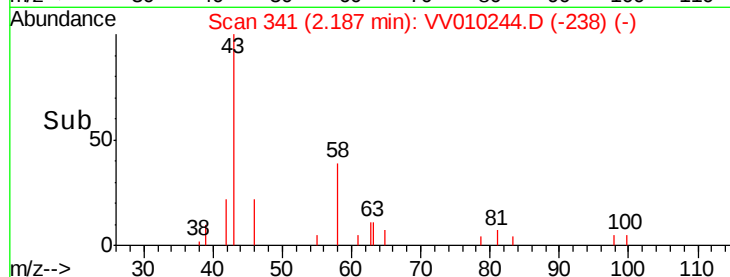
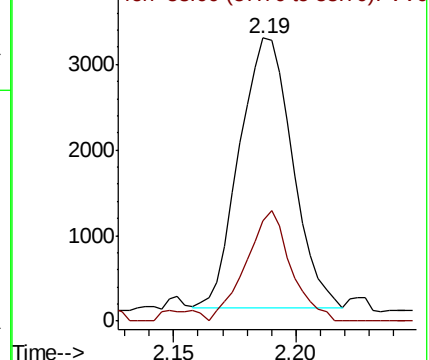
43 100

58 34.6 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010234.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010234.D (-331) (-)



#16

Methylene chloride

Concen: 2.927 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010244.D

Acq: 11 Apr 2019 15:21

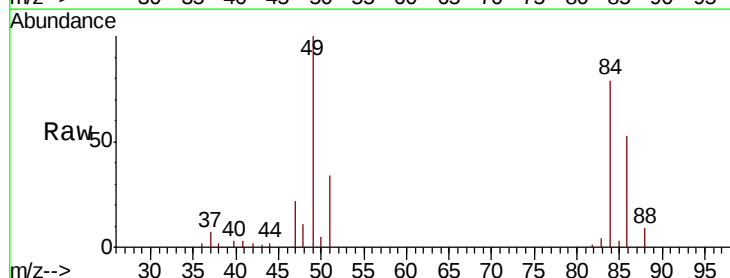
Tgt Ion: 84 Resp: 16488

Ion Ratio Lower Upper

84 100

49 126.1 79.9 148.5

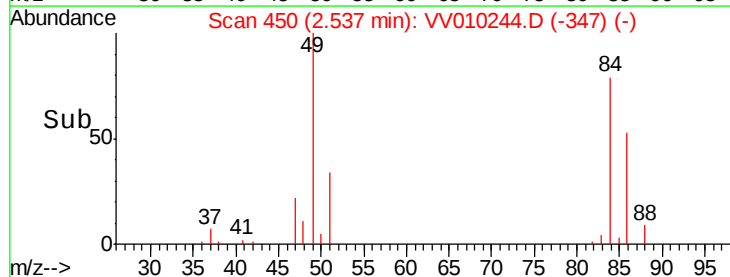
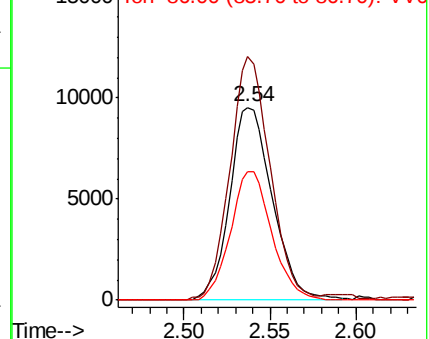
86 66.5 44.5 82.7

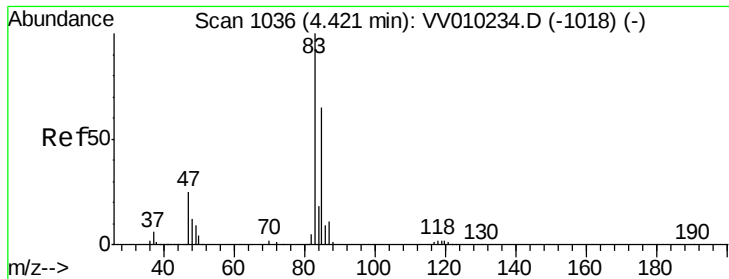


Abundance Ion 84.00 (83.70 to 84.70): VV010234.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010234.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010234.D (-436) (-)





#25

Chloroform

Concen: 1.037 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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ClientSampleId :

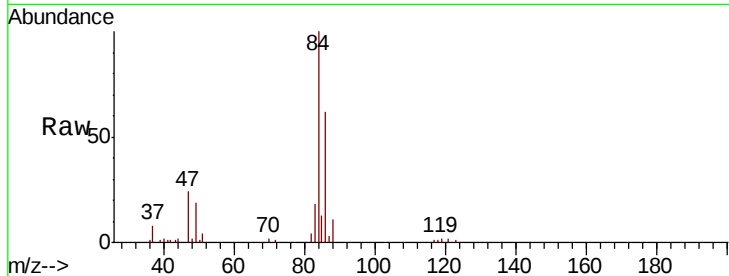
BFC44

Tgt Ion: 83 Resp: 7304

Ion Ratio Lower Upper

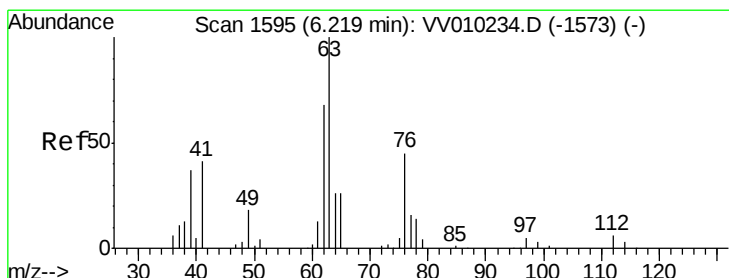
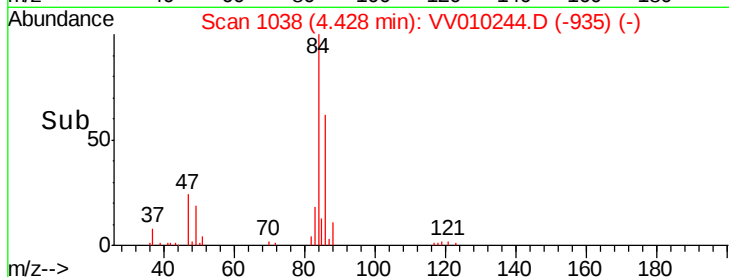
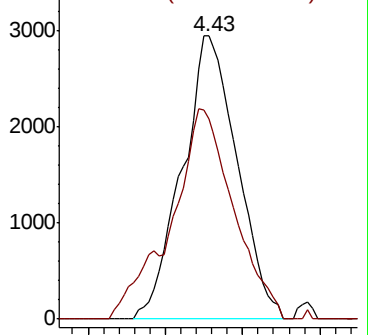
83 100

85 72.9 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV010234.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV010234.D (-1018) (-)



#40

1,2-Dichloropropane

Concen: 2.924 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV010244.D

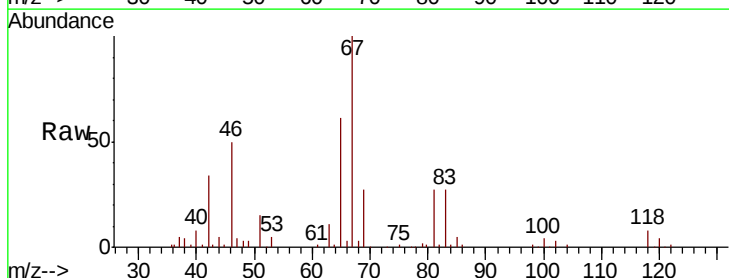
Acq: 11 Apr 2019 15:21

Tgt Ion: 63 Resp: 9631

Ion Ratio Lower Upper

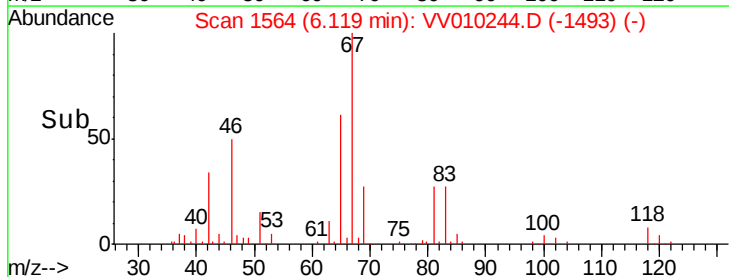
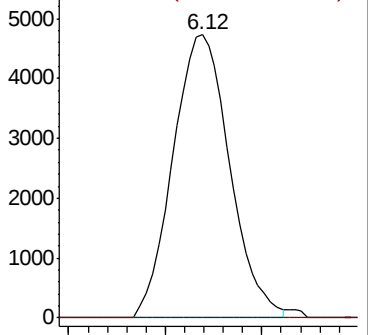
63 100

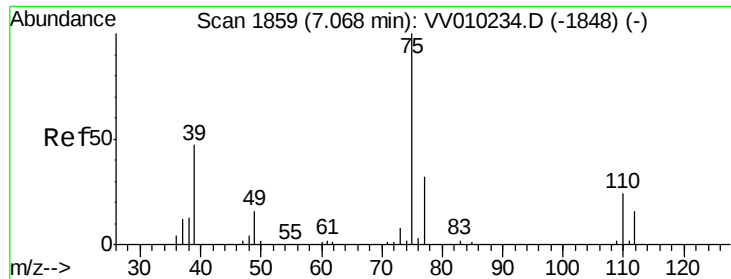
112 0.0 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VV010234.D (-1573) (-)

Ion 112.00 (111.70 to 112.70): VV010234.D (-1573) (-)





#42
 cis-1,3-Dichloropropene
 Concen: 0.557 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV010244.D
 Acq: 11 Apr 2019 15:21

Instrument :
 MSVOA_V
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Tgt Ion: 75 Resp: 2778
 Ion Ratio Lower Upper
 75 100
 77 38.7 21.9 40.7

