

Data File : VV010291.D
Acq On : 12 Apr 2019 16:49
Operator : SY/MD
Sample : K2304-07
Misc : 5.42G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF892RE

Quant Time: Apr 13 04:52:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151092	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	129837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40718	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30927	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
7) Chloroethane-d5	1.57	69	31708	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	2.12	63	64220	14.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.04%
20) 2-Butanone-d5	3.93	46	35882	81.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.04%#
24) Chloroform-d	4.40	84	78766	22.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.08	65	56504	28.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.00%
29) Benzene-d6	5.10	84	155600	24.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%
33) 1,2-Dichloropropane-d6	6.12	67	49964	26.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.32%
37) Toluene-d8	7.36	98	127934	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.84%
38) trans-1,3-Dichloropropene-	7.66	79	17911	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.28%
39) 2-Hexanone-d5	8.13	63	25115	78.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.18%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54715	32.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.96%#
61) 1,2-Dichlorobenzene-d4	11.68	152	36699	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

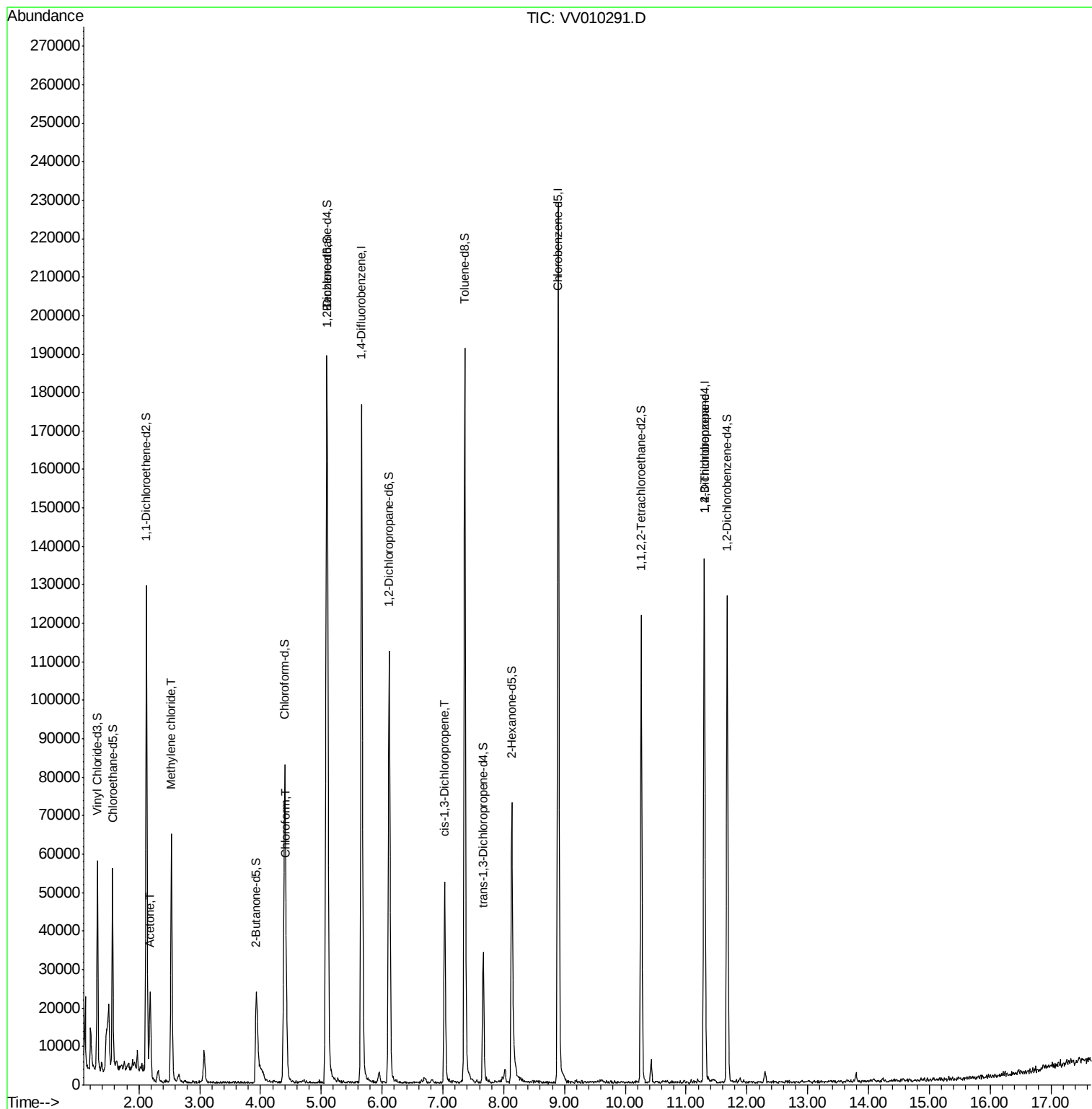
					Qvalue
13) Acetone	2.19	43	20504	43.600 ug/L	95
16) Methylene chloride	2.53	84	25873	8.744 ug/L	96
25) Chloroform	4.43	83	8039	2.172 ug/L	91
42) cis-1,3-Dichloropropene	7.03	75	1481	0.607 ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	5161	4.153 ug/L #	88

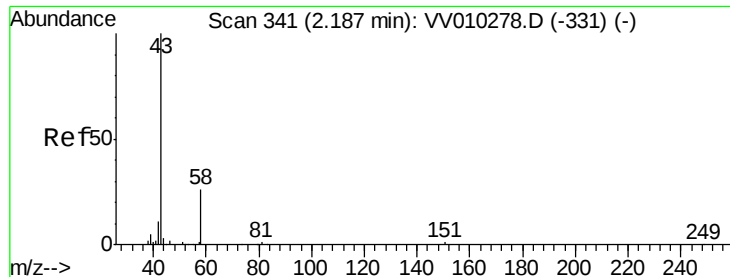
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 43.600 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

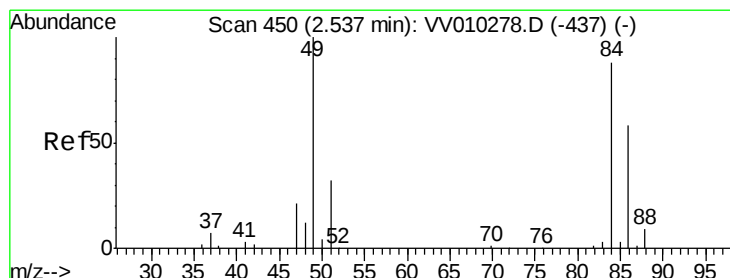
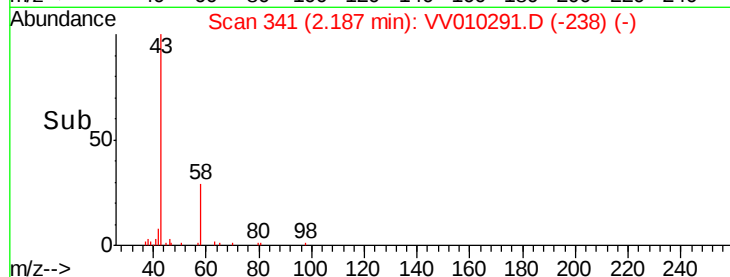
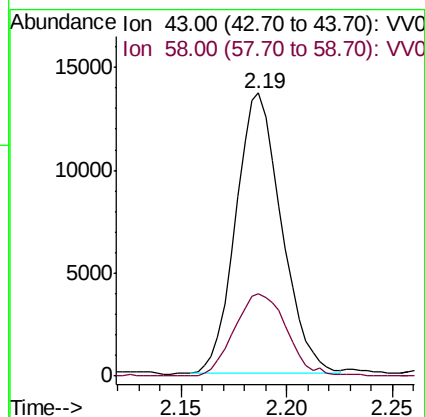
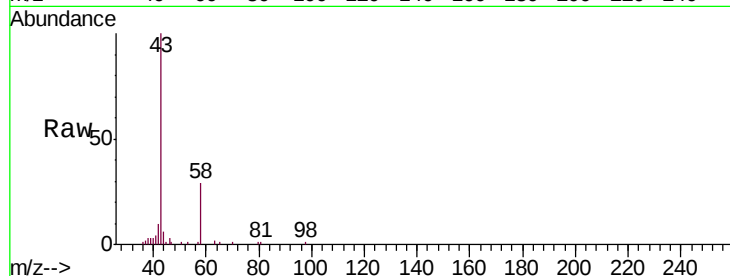
BF892RE

Tgt Ion: 43 Resp: 20504

Ion Ratio Lower Upper

43 100

58 33.5 0.0 61.6



#16

Methylene chloride

Concen: 8.744 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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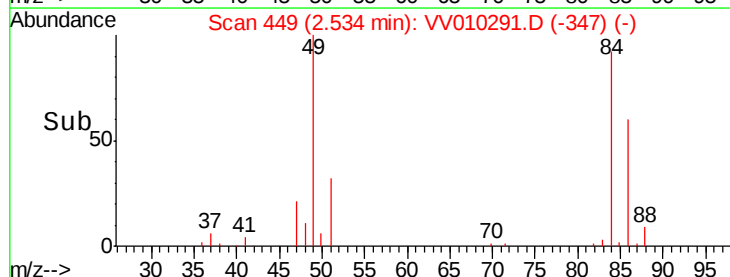
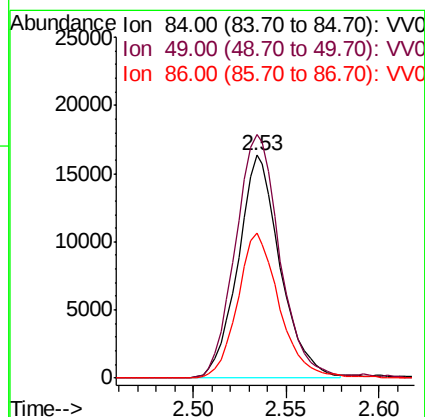
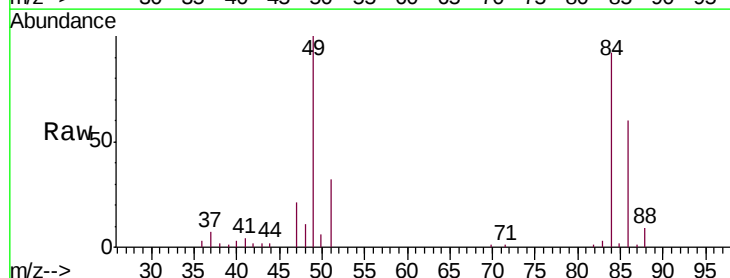
Tgt Ion: 84 Resp: 25873

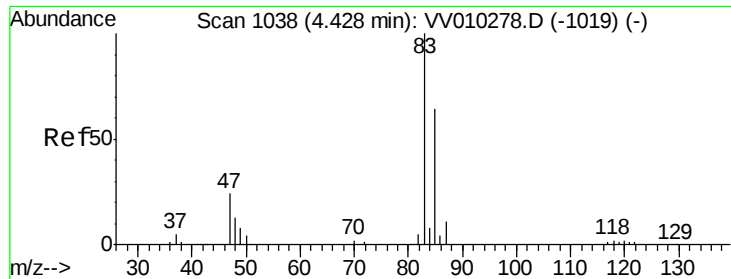
Ion Ratio Lower Upper

84 100

49 109.3 79.9 148.5

86 65.0 44.5 82.7

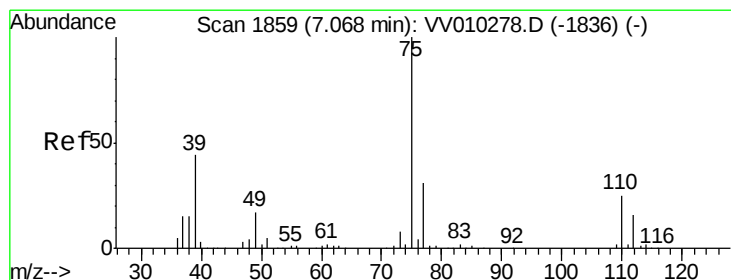
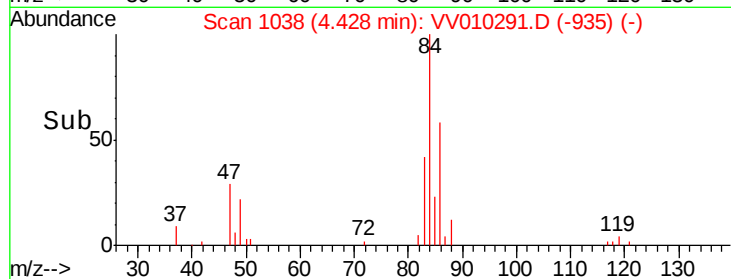
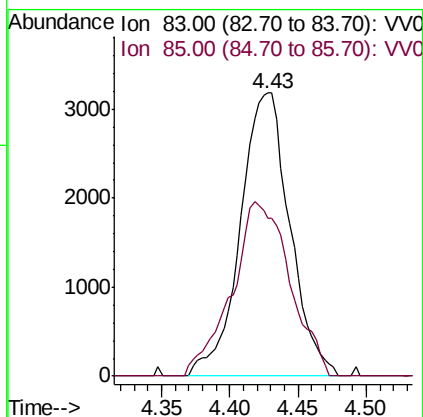
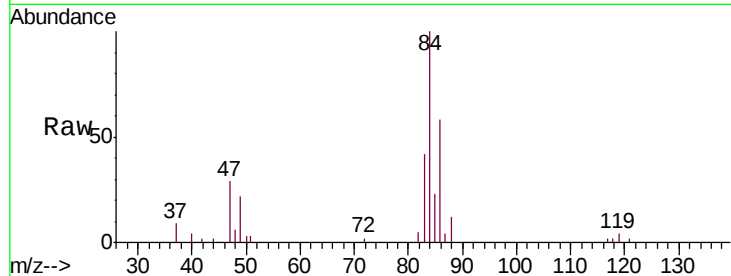




#25
Chloroform
Concen: 2.172 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
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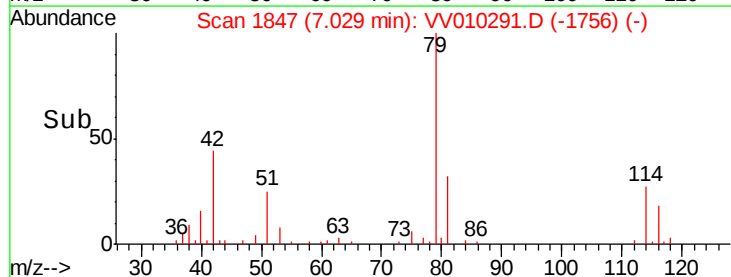
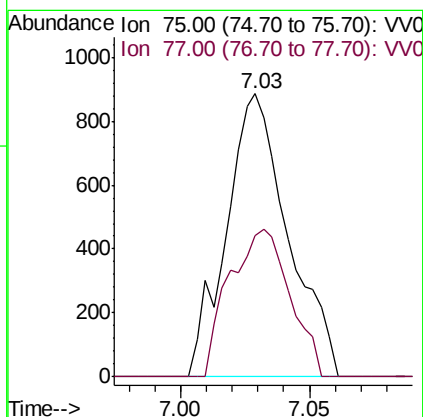
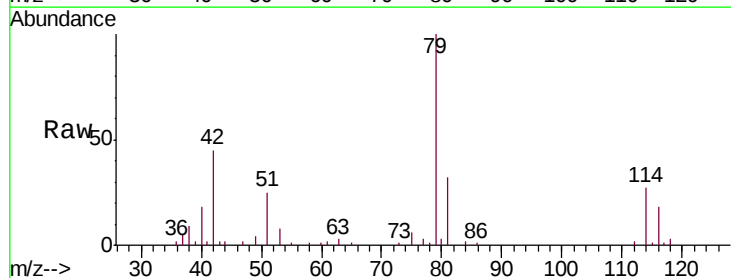
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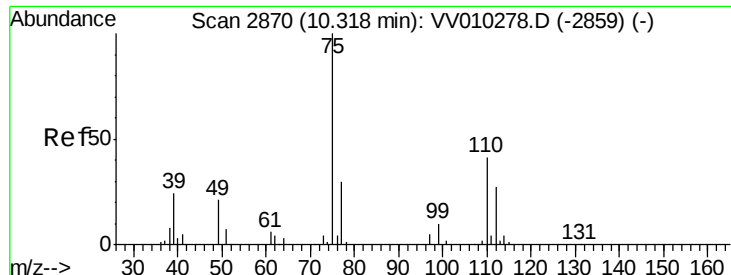
Tgt Ion: 83 Resp: 8039
Ion Ratio Lower Upper
83 100
85 71.9 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.607 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
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Acq: 12 Apr 2019 16:49

Tgt Ion: 75 Resp: 1481
Ion Ratio Lower Upper
75 100
77 49.7 21.9 40.7#





#59

1,2,3-Trichloropropane

Concen: 4.153 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010291.D

Acq: 12 Apr 2019 16:49

Instrument :

MSVOA_V

ClientSampleId :

BF892RE

Tgt Ion: 75 Resp: 5161

Ion Ratio Lower Upper

75 100

77 40.5 26.9 40.3#

