

Data File : VV010292.D
Acq On : 12 Apr 2019 17:15
Operator : SY/MD
Sample : K2304-10
Misc : 5.34G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF894

Quant Time: Apr 13 04:52:34 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	202104	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	200998	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88842	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37003	15.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.64%
7) Chloroethane-d5	1.57	69	39715	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
10) 1,1-Dichloroethene-d2	2.13	63	82093	13.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.44%
20) 2-Butanone-d5	3.93	46	42082	71.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.96%#
24) Chloroform-d	4.40	84	104713	22.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	5.08	65	66554	25.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.28%
29) Benzene-d6	5.10	84	202035	20.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.40%
33) 1,2-Dichloropropane-d6	6.12	67	65322	22.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.64%
37) Toluene-d8	7.36	98	184705	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.16%
38) trans-1,3-Dichloropropene-	7.66	79	24709	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.24%
39) 2-Hexanone-d5	8.13	63	29557	59.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71008	27.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	78235	23.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.40%

Target Compounds

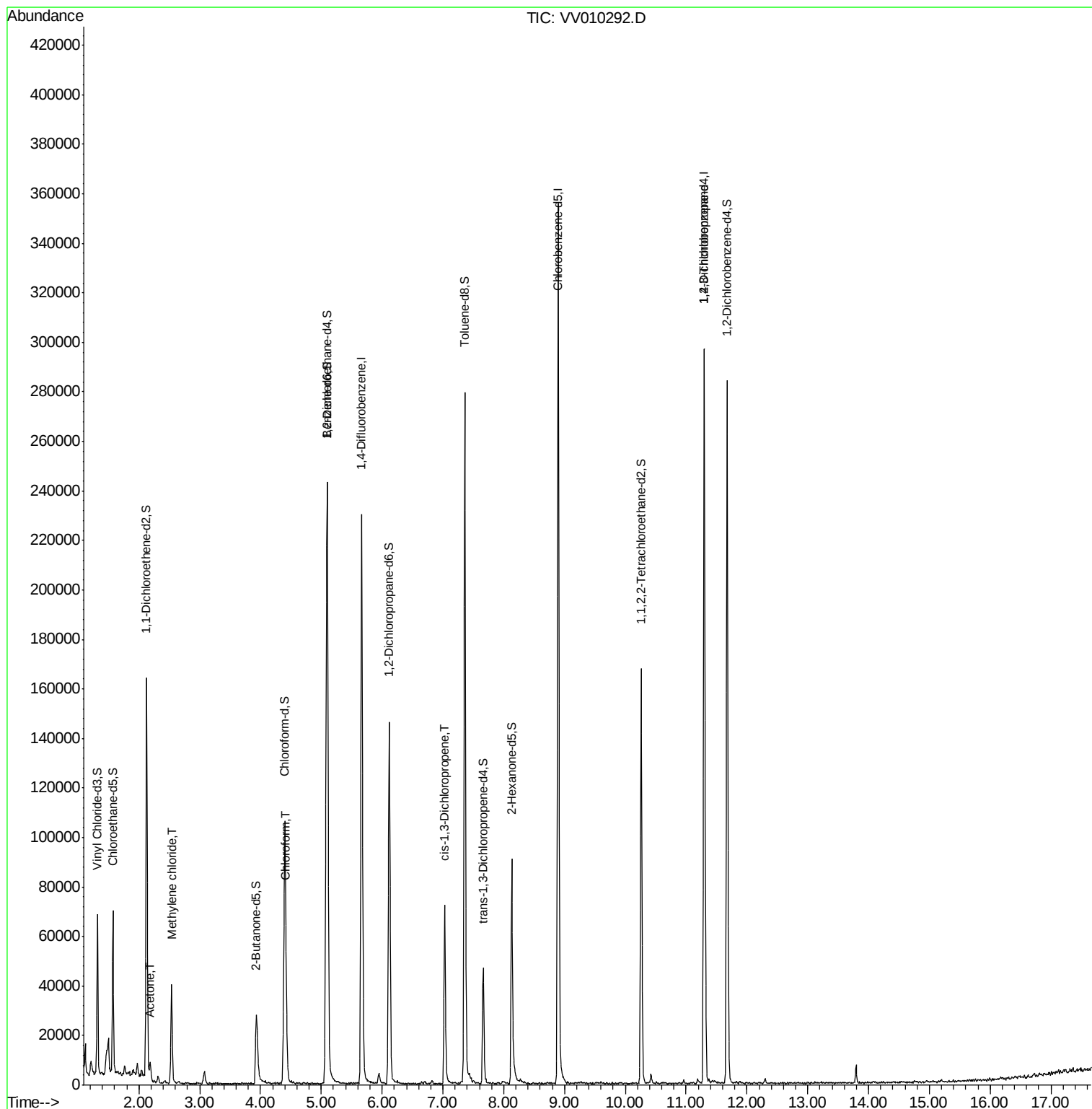
					Qvalue
13) Acetone	2.19	43	5459	8.678 ug/L	96
16) Methylene chloride	2.54	84	16792	4.243 ug/L	88
25) Chloroform	4.43	83	6404	1.294 ug/L	91
42) cis-1,3-Dichloropropene	7.04	75	2011	0.532 ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	11013	5.725 ug/L	90

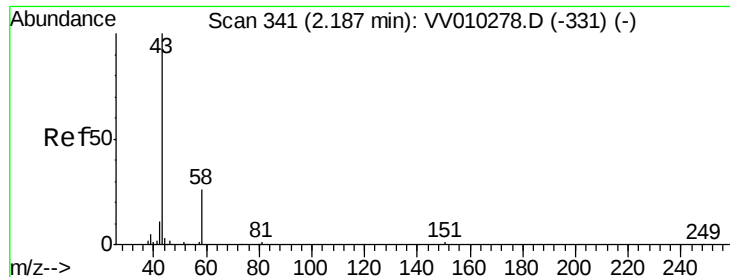
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.678 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

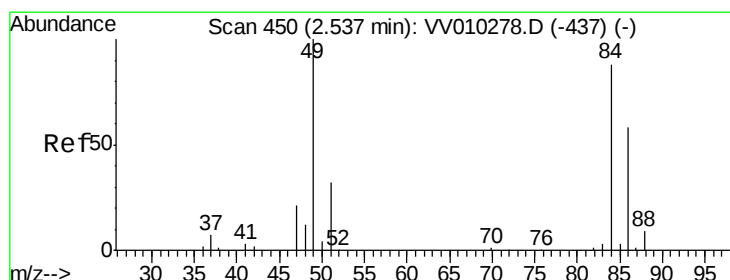
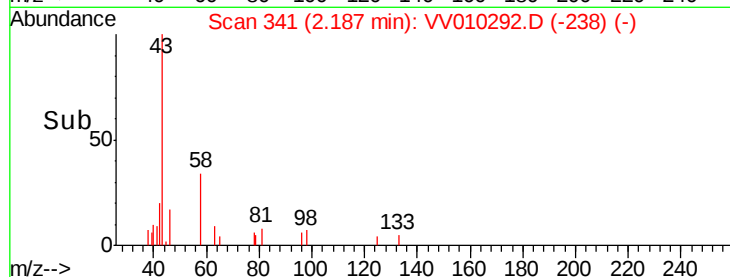
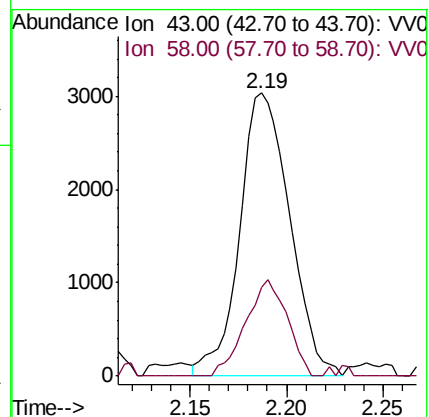
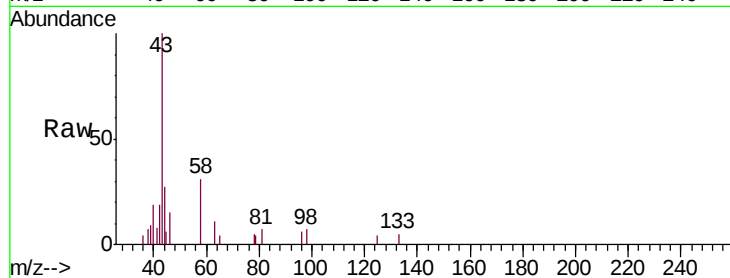
BF894

Tgt Ion: 43 Resp: 5459

Ion Ratio Lower Upper

43 100

58 28.4 0.0 61.6



#16

Methylene chloride

Concen: 4.243 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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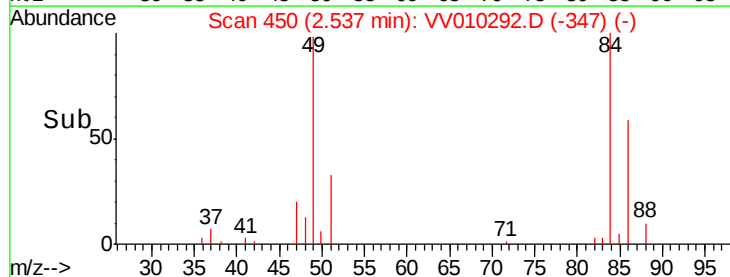
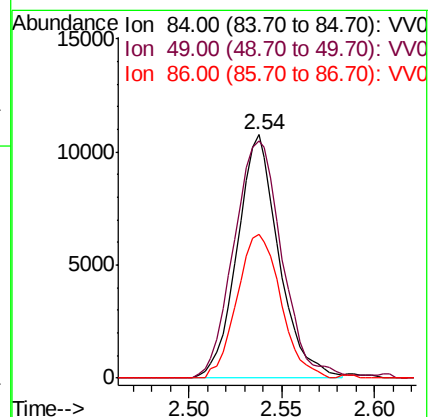
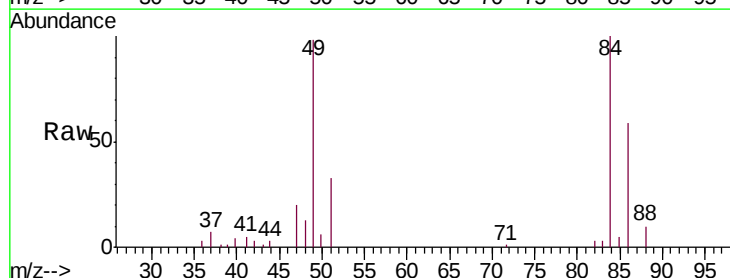
Tgt Ion: 84 Resp: 16792

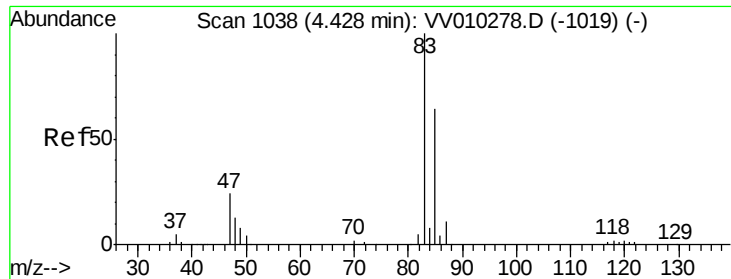
Ion Ratio Lower Upper

84 100

49 97.6 79.9 148.5

86 59.0 44.5 82.7

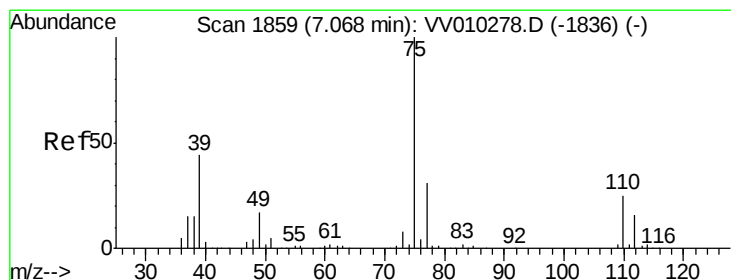
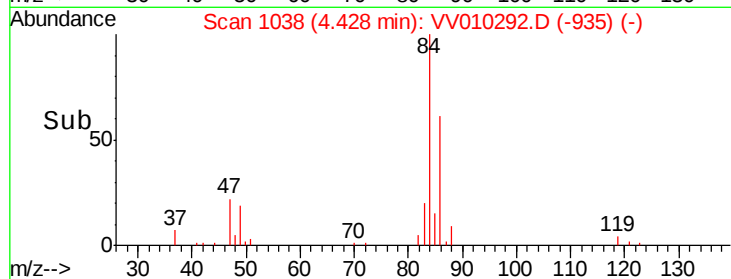
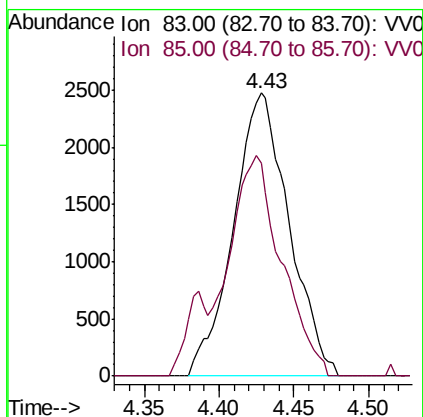
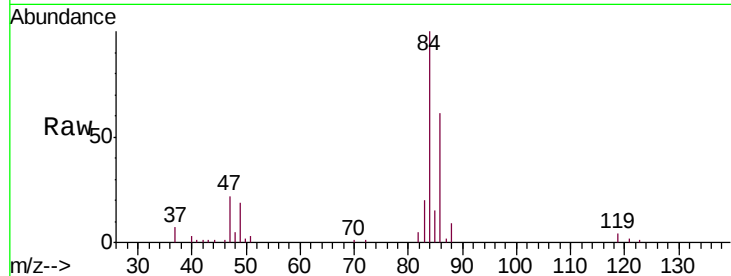




#25
Chloroform
Concen: 1.294 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
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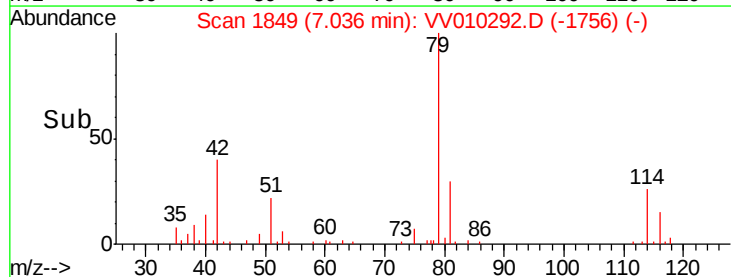
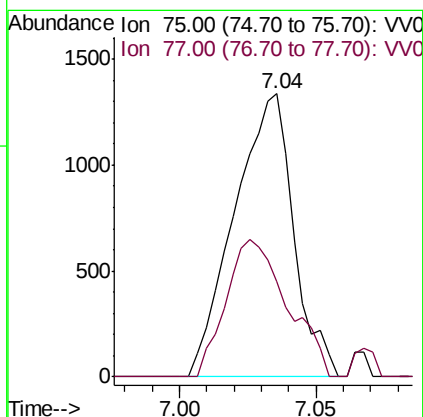
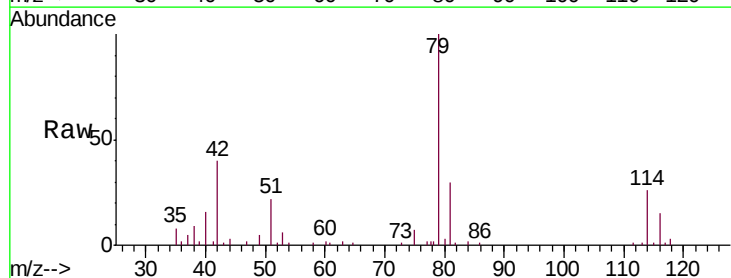
Instrument :
MSVOA_V
ClientSampled :
BF894

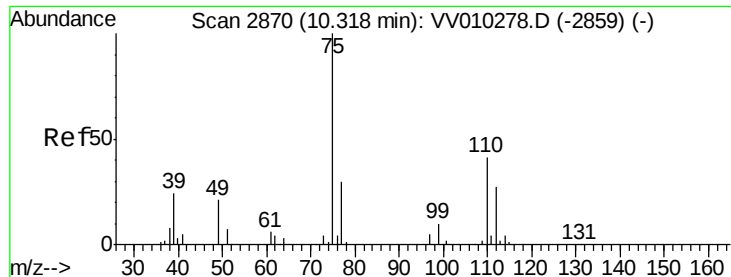
Tgt Ion: 83 Resp: 6404
Ion Ratio Lower Upper
83 100
85 72.3 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.532 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.03 min
Lab File: VV010292.D
Acq: 12 Apr 2019 17:15

Tgt Ion: 75 Resp: 2011
Ion Ratio Lower Upper
75 100
77 33.8 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.725 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV010292.D

Acq: 12 Apr 2019 17:15

Instrument :

MSVOA_V

ClientSampleId :

BF894

Tgt Ion: 75 Resp: 11013

Ion Ratio Lower Upper

75 100

77 39.2 26.9 40.3

