

Data File : VV010297.D
Acq On : 12 Apr 2019 19:26
Operator : SY/MD
Sample : K2303-16
Misc : 5.90G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF884RE

Quant Time: Apr 13 04:53:50 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	175570	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70676	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32305	15.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.92%
7) Chloroethane-d5	1.57	69	35152	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
10) 1,1-Dichloroethene-d2	2.12	63	72094	14.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.04%
20) 2-Butanone-d5	3.93	46	52277	102.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	204.42%#
24) Chloroform-d	4.40	84	86219	21.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.08	65	63570	27.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.36%
29) Benzene-d6	5.10	84	172911	21.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.72%
33) 1,2-Dichloropropane-d6	6.12	67	56076	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.36%
37) Toluene-d8	7.36	98	155745	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.24%
38) trans-1,3-Dichloropropene-	7.66	79	23604	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.28%
39) 2-Hexanone-d5	8.13	63	33532	79.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.92%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74321	34.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.40%#
61) 1,2-Dichlorobenzene-d4	11.67	152	61551	23.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.32%

Target Compounds

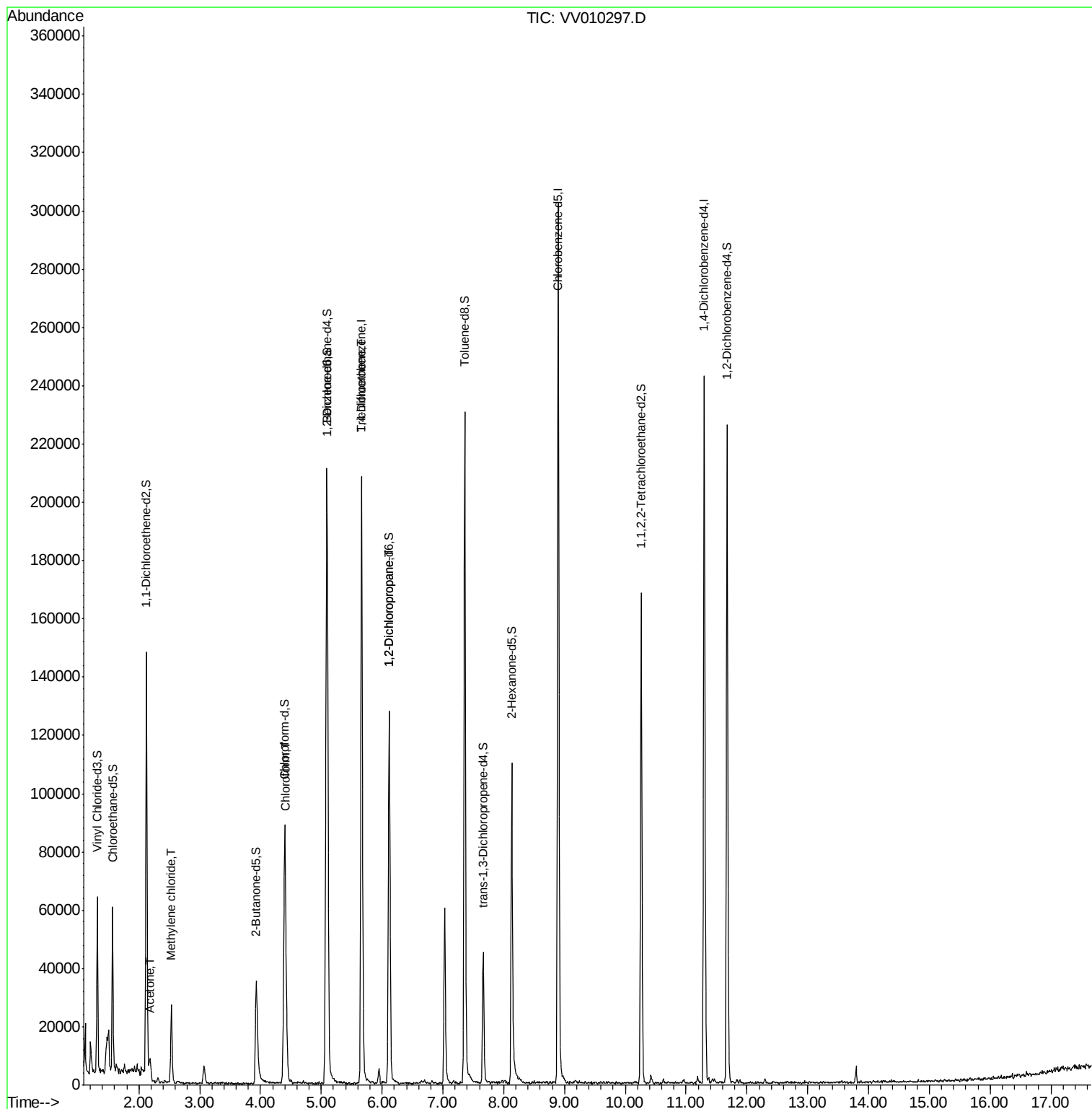
					Qvalue
13) Acetone	2.18	43	5723	10.473 ug/L	86
16) Methylene chloride	2.53	84	10447	3.038 ug/L	90
25) Chloroform	4.42	83	10522	2.447 ug/L	94
35) Trichloroethene	5.66	95	5098	2.056 ug/L #	3
40) 1,2-Dichloropropane	6.12	63	7050	3.357 ug/L #	85

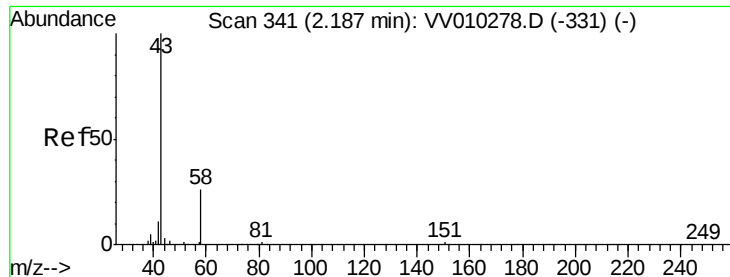
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.473 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Acq: 12 Apr 2019 19:26

Instrument :

MSVOA_V

ClientSampleId :

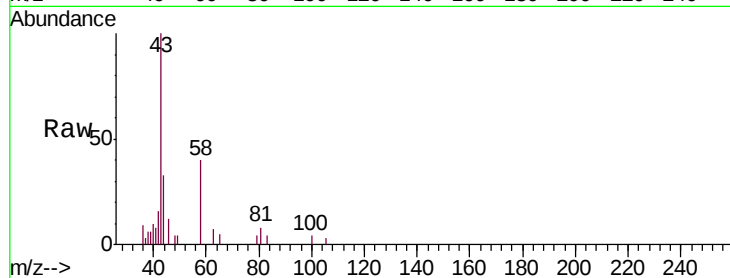
BF884RE

Tgt Ion: 43 Resp: 5723

Ion Ratio Lower Upper

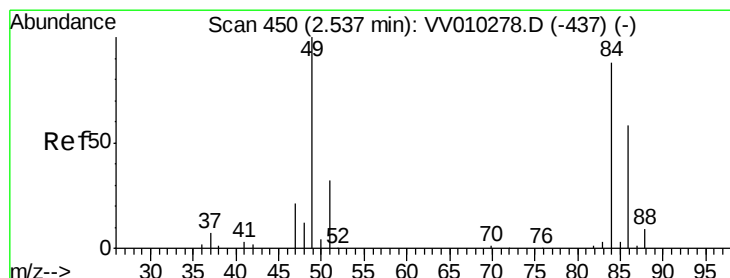
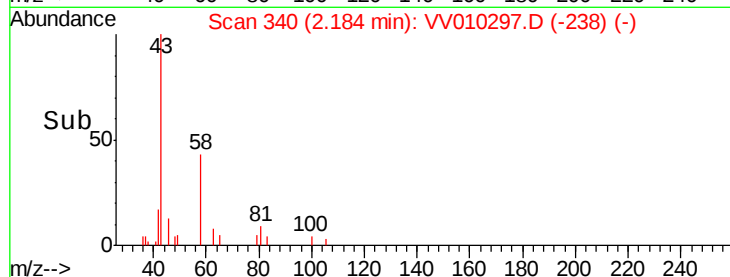
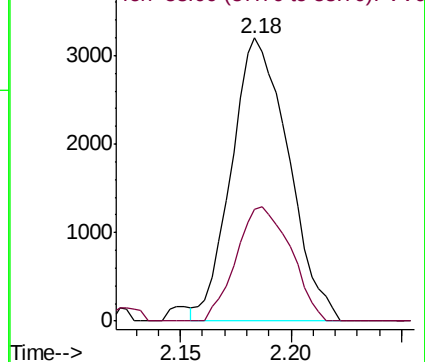
43 100

58 38.6 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010278.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010278.D (-331) (-)



#16

Methylene chloride

Concen: 3.038 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010297.D

Acq: 12 Apr 2019 19:26

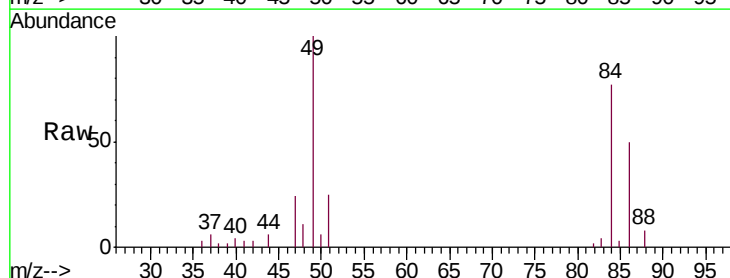
Tgt Ion: 84 Resp: 10447

Ion Ratio Lower Upper

84 100

49 129.9 79.9 148.5

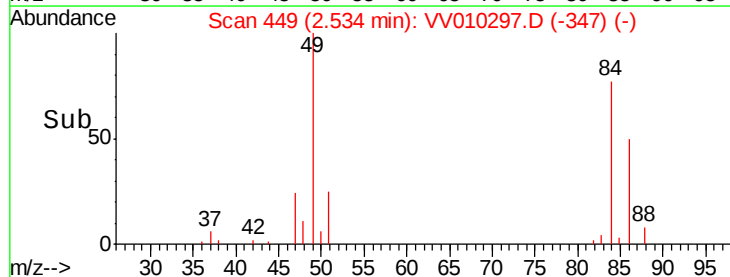
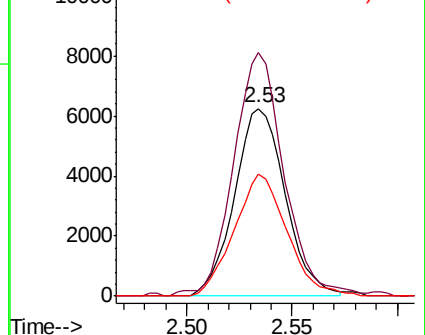
86 65.4 44.5 82.7

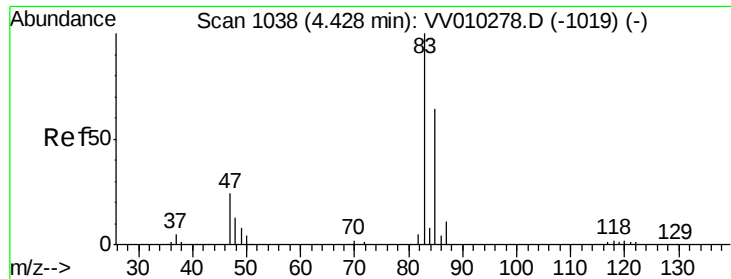


Abundance Ion 84.00 (83.70 to 84.70): VV010278.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010278.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010278.D (-437) (-)

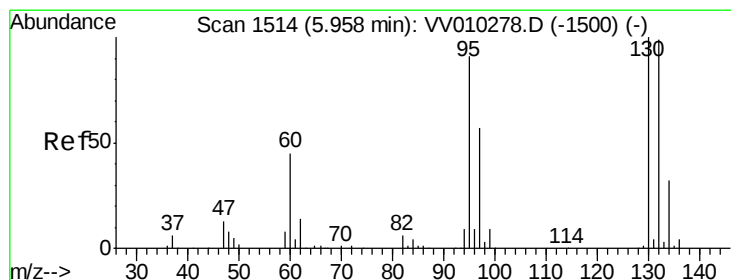
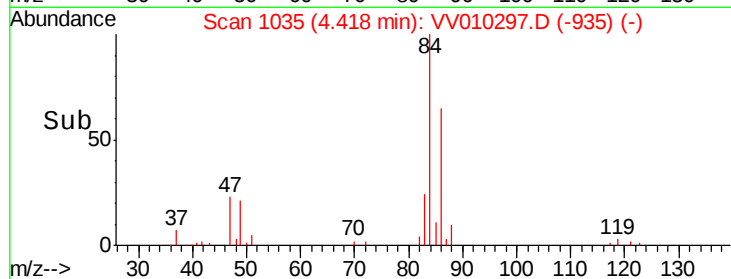
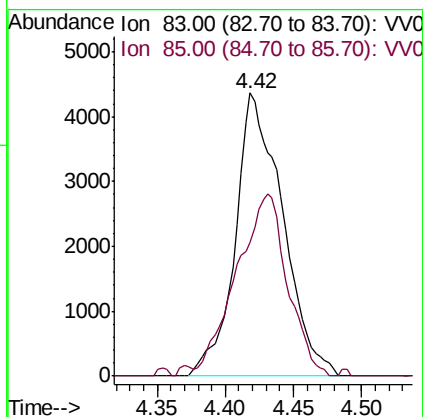
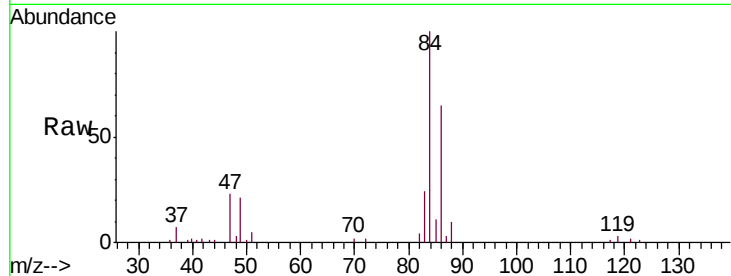




#25
Chloroform
Concen: 2.447 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
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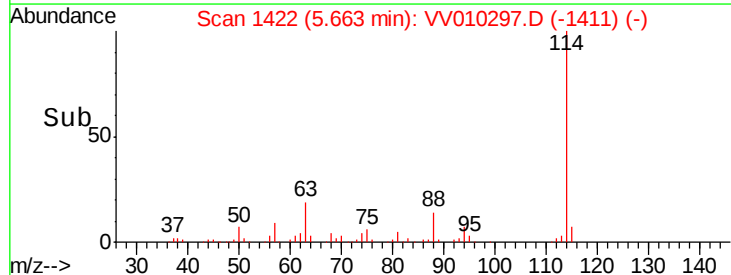
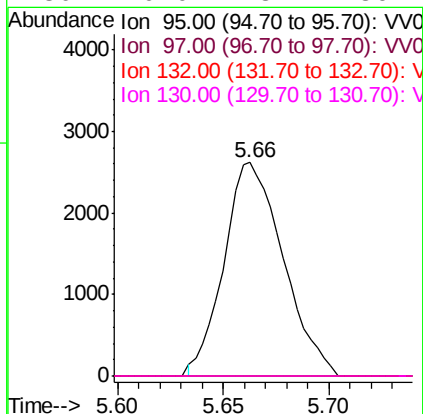
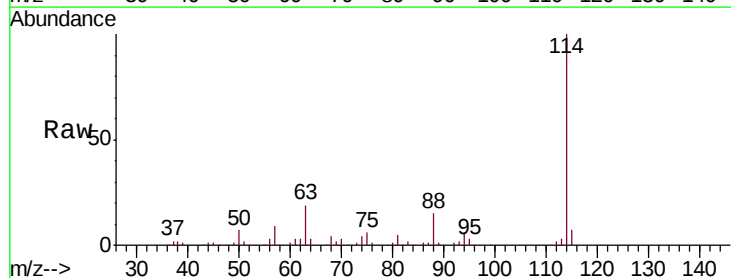
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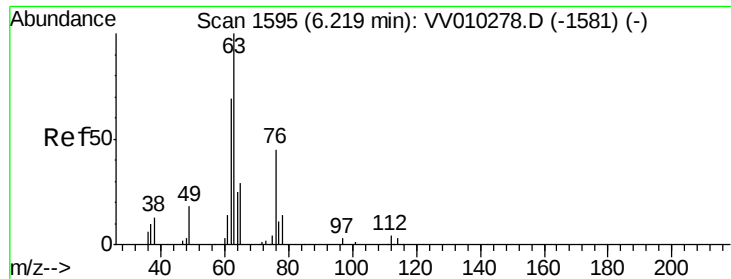
Tgt Ion: 83 Resp: 10522
Ion Ratio Lower Upper
83 100
85 69.6 45.4 84.2



#35
Trichloroethene
Concen: 2.056 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010297.D
Acq: 12 Apr 2019 19:26

Tgt Ion: 95 Resp: 5098
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 71.3 132.3#
130 0.0 73.4 136.4#





#40
 1,2-Dichloropropane
 Concen: 3.357 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010297.D
 Acq: 12 Apr 2019 19:26

Instrument :
 MSVOA_V
 ClientSampleId :
 BF884RE

Tgt Ion: 63 Resp: 7050
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#

