

Data File : VV010294.D
Acq On : 12 Apr 2019 18:07
Operator : SY/MD
Sample : K2303-17
Misc : 5.75G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF885

Quant Time: Apr 13 04:52:54 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	205194	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	209741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94512	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40050	16.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.84%
7) Chloroethane-d5	1.57	69	44165	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
10) 1,1-Dichloroethene-d2	2.13	63	86533	14.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.56%
20) 2-Butanone-d5	3.93	46	46223	77.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.66%#
24) Chloroform-d	4.40	84	107314	22.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	71494	26.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.16%
29) Benzene-d6	5.10	84	211481	20.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.64%
33) 1,2-Dichloropropane-d6	6.12	67	68695	22.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.36%
37) Toluene-d8	7.36	98	195102	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.12%
38) trans-1,3-Dichloropropene-	7.66	79	26407	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.20%
39) 2-Hexanone-d5	8.13	63	33002	63.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	79581	29.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	86889	24.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.56%

Target Compounds

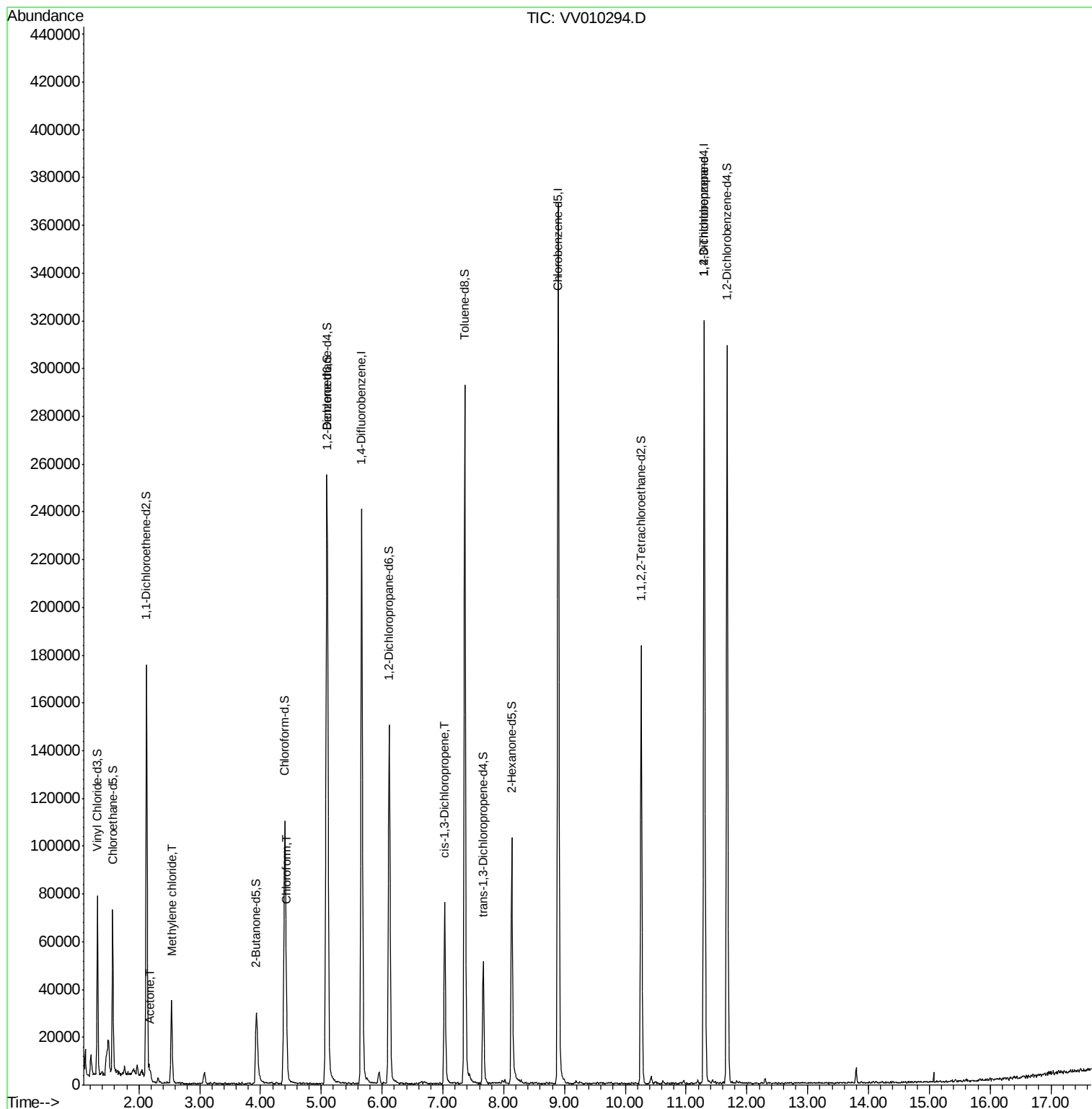
					Qvalue
13) Acetone	2.19	43	3398	5.320 ug/L	89
16) Methylene chloride	2.54	84	14785	3.679 ug/L	95
25) Chloroform	4.43	83	8991	1.789 ug/L	95
42) cis-1,3-Dichloropropene	7.04	75	2710	0.687 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	11048	5.504 ug/L	89

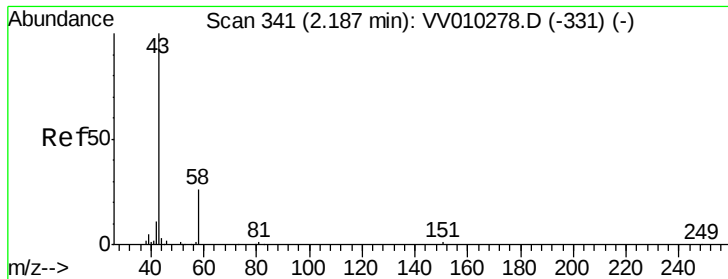
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.320 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Acq: 12 Apr 2019 18:07

Instrument :

MSVOA_V

ClientSampleId :

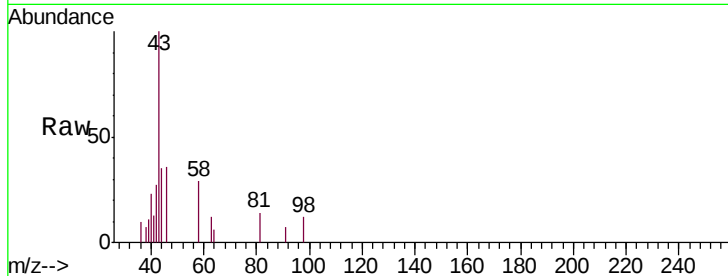
BF885

Tgt Ion: 43 Resp: 3398

Ion Ratio Lower Upper

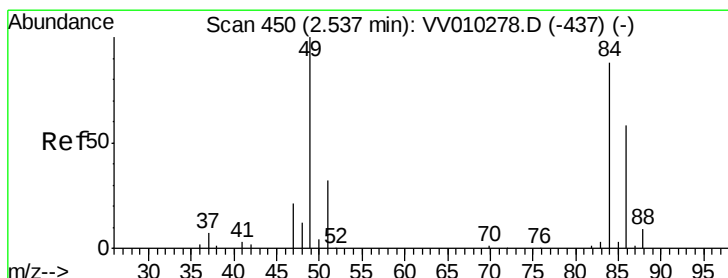
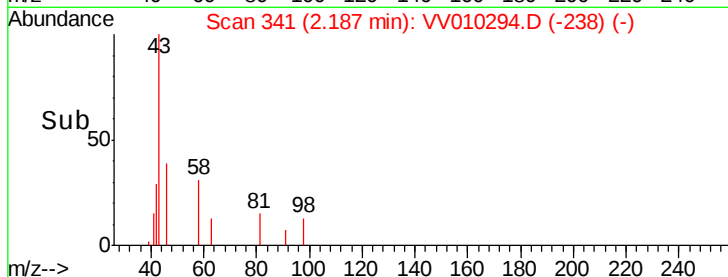
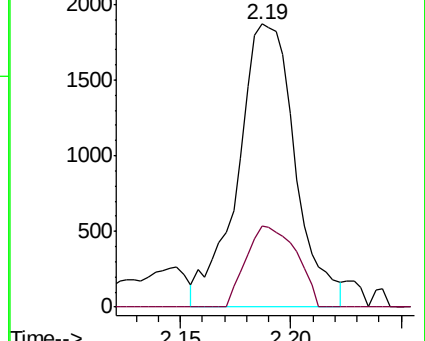
43 100

58 25.0 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: 3.679 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010294.D

Acq: 12 Apr 2019 18:07

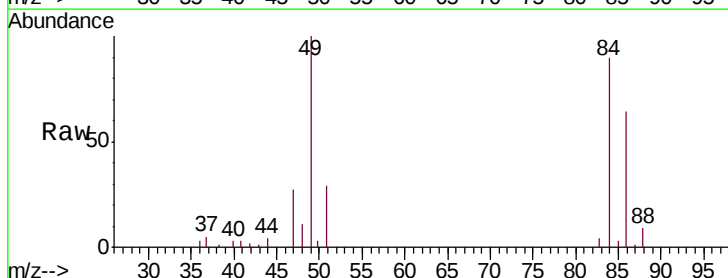
Tgt Ion: 84 Resp: 14785

Ion Ratio Lower Upper

84 100

49 111.1 79.9 148.5

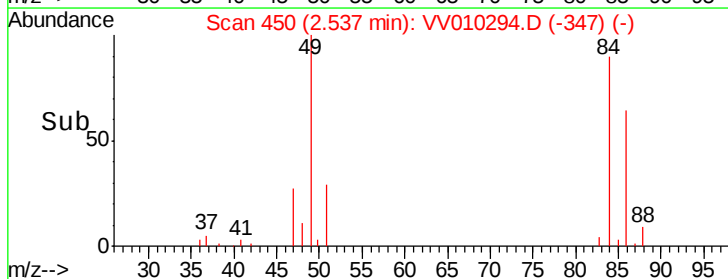
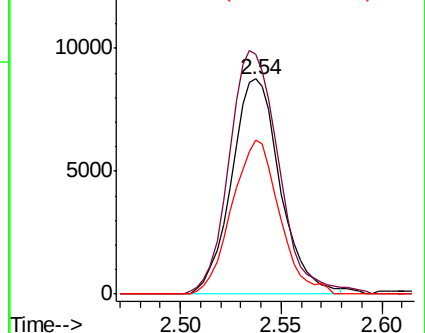
86 71.5 44.5 82.7

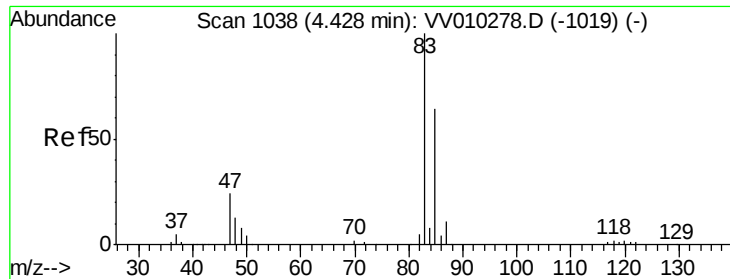


Abundance Ion 84.00 (83.70 to 84.70): VV010278.D (-437) (-)

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

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

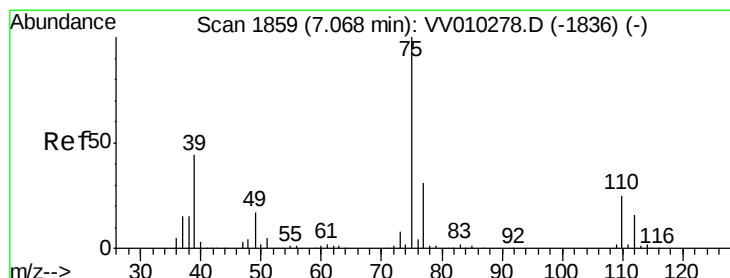
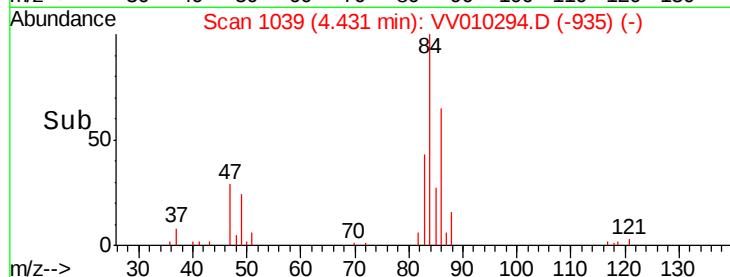
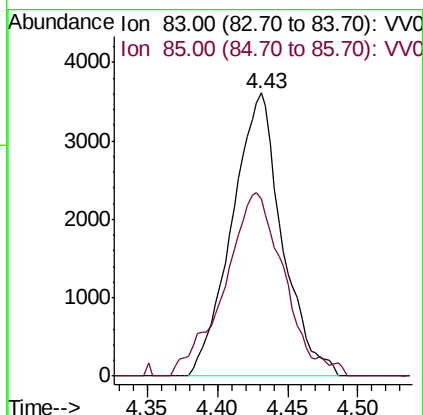
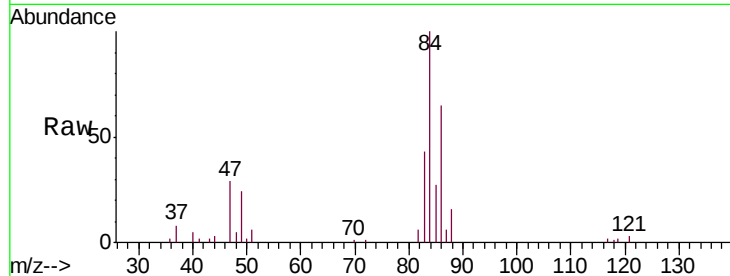




#25
Chloroform
Concen: 1.789 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010294.D
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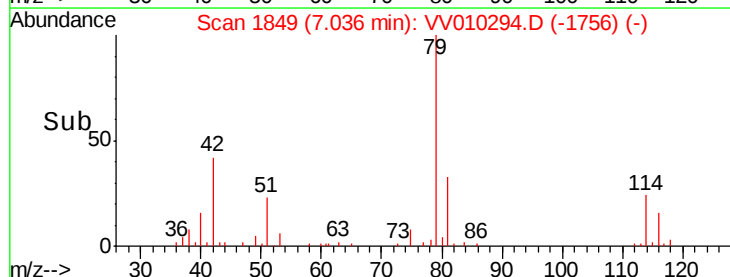
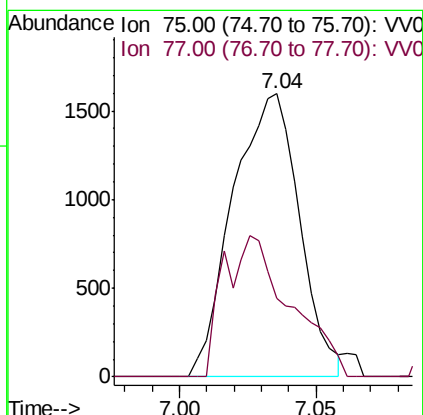
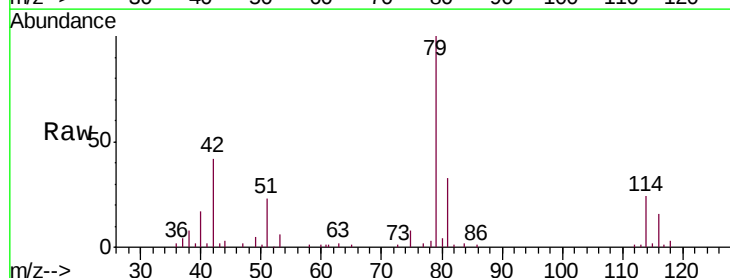
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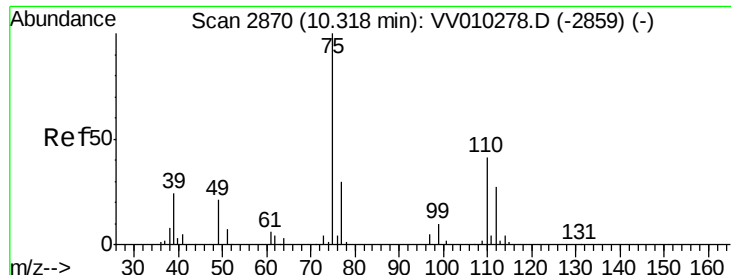
Tgt Ion: 83 Resp: 8991
Ion Ratio Lower Upper
83 100
85 68.5 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.687 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.03 min
Lab File: VV010294.D
Acq: 12 Apr 2019 18:07

Tgt Ion: 75 Resp: 2710
Ion Ratio Lower Upper
75 100
77 27.9 21.9 40.7





#59

1,2,3-Trichloropropane

Concen: 5.504 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV010294.D

Acq: 12 Apr 2019 18:07

Instrument :

MSVOA_V

ClientSampleId :

BF885

Tgt Ion: 75 Resp: 11048

Ion Ratio Lower Upper

75 100

77 39.9 26.9 40.3

