

Data File : VV010907.D
Acq On : 15 May 2019 20:52
Operator : SY/MD
Sample : K2738-15RE
Misc : 4.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB899RE

Quant Time: May 16 08:13:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135379	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136830	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62967	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32228	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.76%
7) Chloroethane-d5	1.57	69	25593	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
10) 1,1-Dichloroethene-d2	2.12	63	49892	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	3.94	46	30934	57.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.02%
24) Chloroform-d	4.40	84	75974	19.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.76%
26) 1,2-Dichloroethane-d4	5.08	65	48787	21.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.80%
29) Benzene-d6	5.10	84	161972	21.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.56%
33) 1,2-Dichloropropane-d6	6.11	67	54480	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.20%
37) Toluene-d8	7.36	98	141288	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.64%
38) trans-1,3-Dichloropropene-	7.66	79	21325	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.92%
39) 2-Hexanone-d5	8.13	63	23771	51.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53429	23.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	58547	22.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.04%

Target Compounds

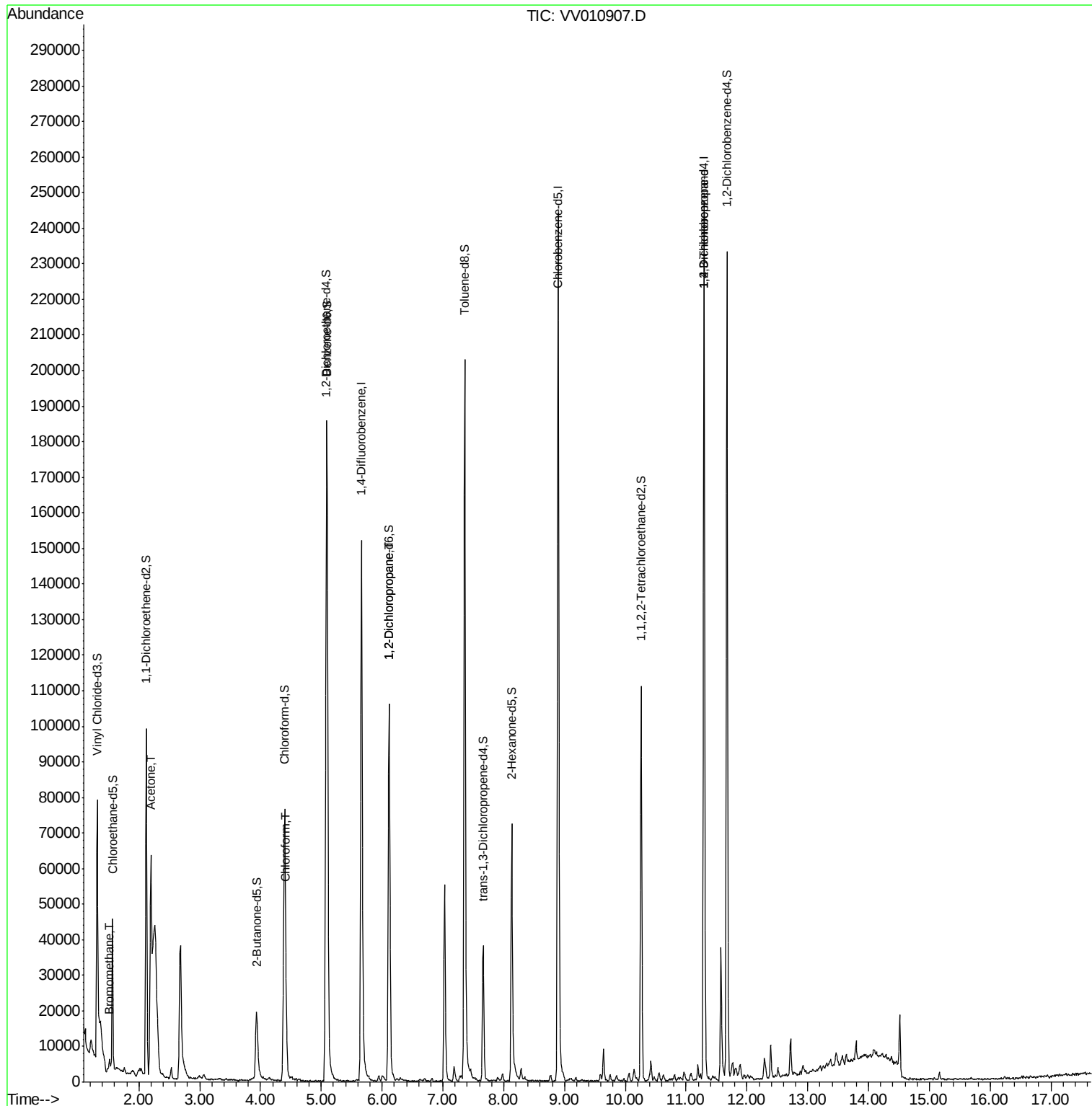
					Qvalue
6) Bromomethane	1.51	94	497	1.106 ug/L	85
13) Acetone	2.20	43	81210	146.929 ug/L	95
25) Chloroform	4.42	83	6830	1.750 ug/L	87
40) 1,2-Dichloropropane	6.12	63	5828	2.683 ug/L	98
59) 1,2,3-Trichloropropane	11.29	75	7983	4.769 ug/L	94

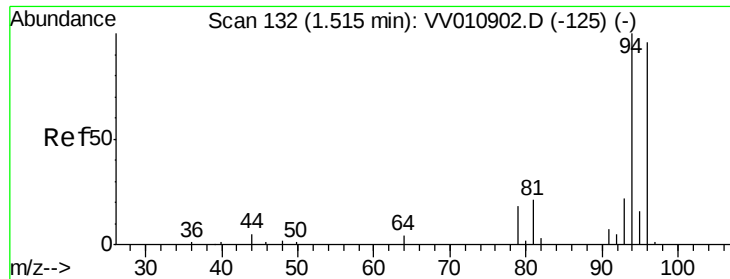
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.106 ug/L

RT: 1.51 min Scan# 132

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

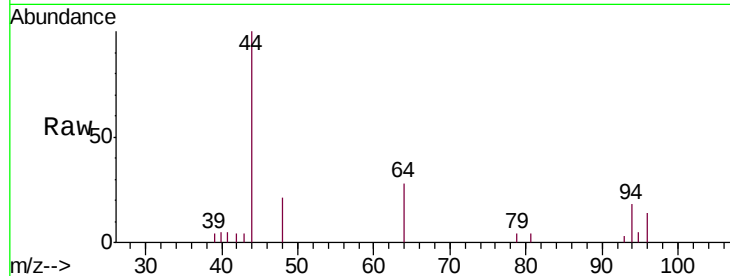
DB899RE

Tgt Ion: 94 Resp: 497

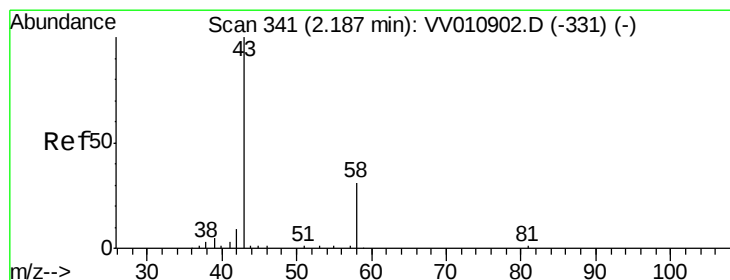
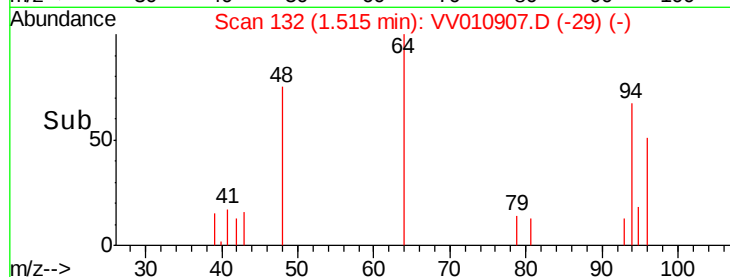
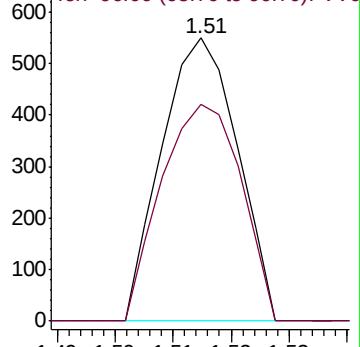
Ion Ratio Lower Upper

94 100

96 81.1 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010907.D (-125) (-)



#13

Acetone

Concen: 146.929 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV010907.D

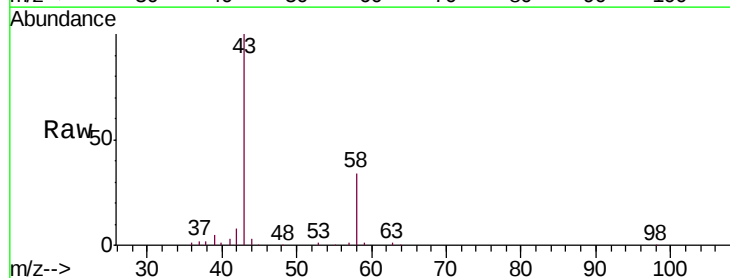
Acq: 15 May 2019 20:52

Tgt Ion: 43 Resp: 81210

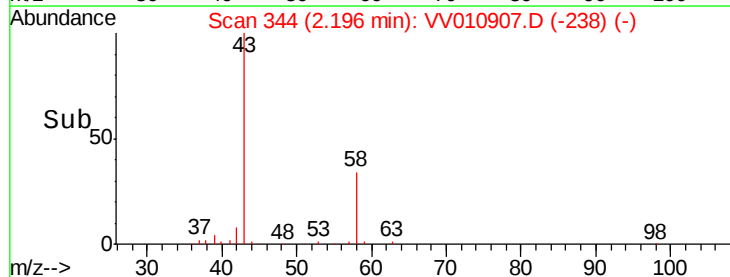
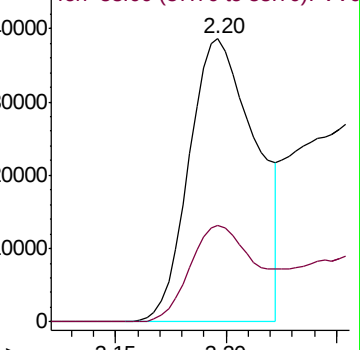
Ion Ratio Lower Upper

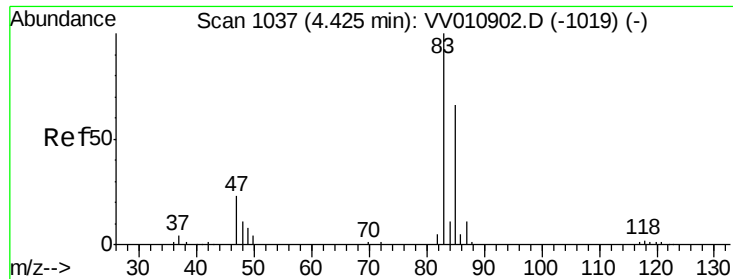
43 100

58 31.6 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010907.D (-331) (-)

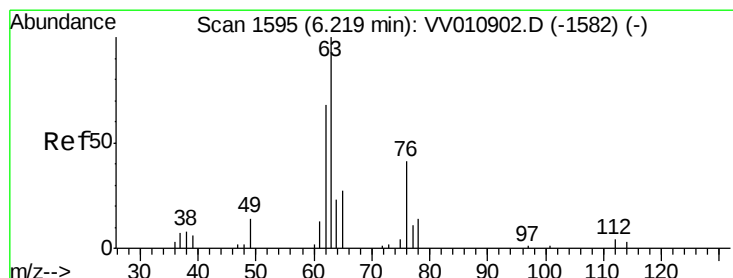
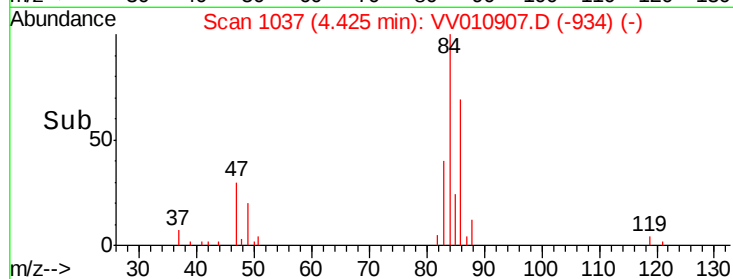
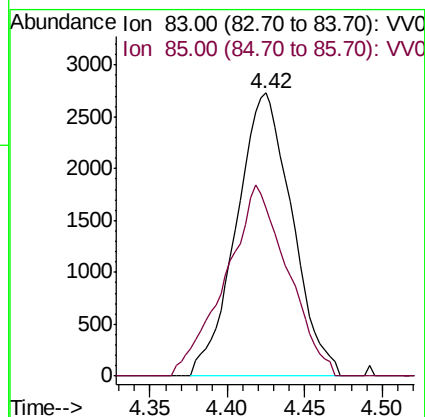
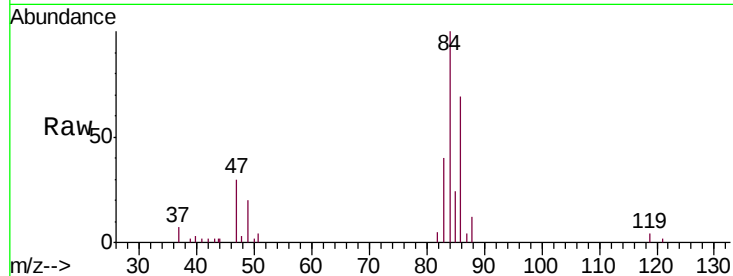




#25
Chloroform
Concen: 1.750 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
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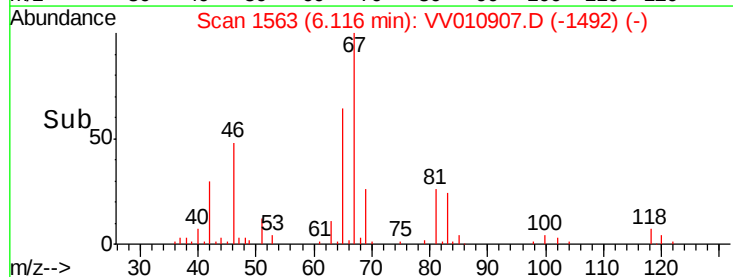
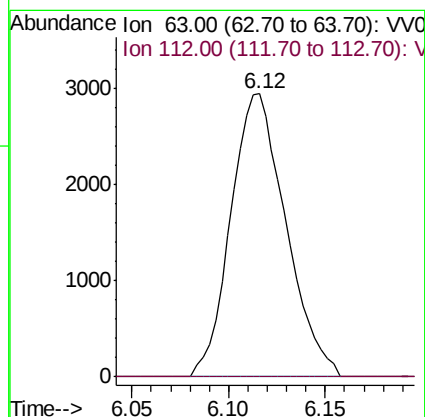
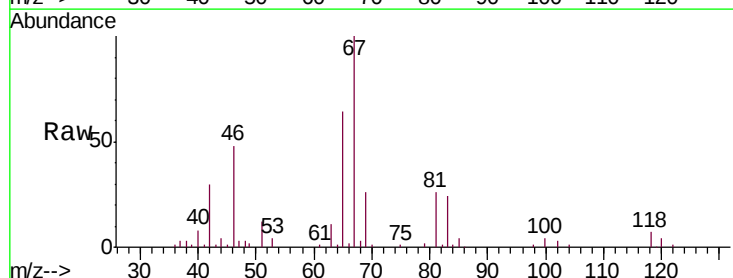
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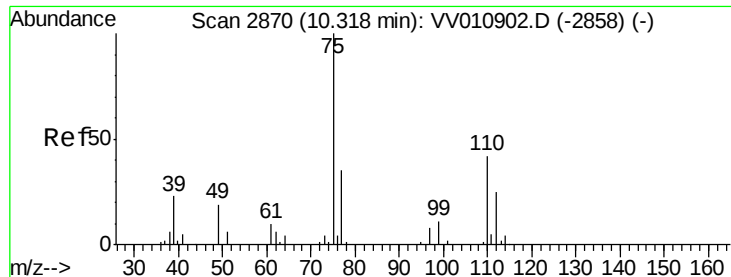
Tgt Ion: 83 Resp: 6830
Ion Ratio Lower Upper
83 100
85 75.1 45.3 84.1



#40
1,2-Dichloropropane
Concen: 2.683 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010907.D
Acq: 15 May 2019 20:52

Tgt Ion: 63 Resp: 5828
Ion Ratio Lower Upper
63 100
112 3.2 3.2 4.8





#59
 1,2,3-Trichloropropane
 Concen: 4.769 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010907.D
 Acq: 15 May 2019 20:52

Instrument :
 MSVOA_V
 ClientSampleId :
 DB899RE

Tgt Ion: 75 Resp: 7983
 Ion Ratio Lower Upper
 75 100
 77 36.6 26.4 39.6

