

Data File : VV013093.D
Acq On : 10 Oct 2019 16:11
Operator : SY/MD
Sample : K5262-12
Misc : 4.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB76

Quant Time: Oct 11 07:34:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 11 07:31:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	534026	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384190	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	88602	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149160	18.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.00%
7) Chloroethane-d5	1.58	69	154616	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
10) 1,1-Dichloroethene-d2	2.13	63	210647	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	4.17	46	250	0.09	ug/L	0.22
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.18%#
24) Chloroform-d	4.40	84	332913	22.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.76%
26) 1,2-Dichloroethane-d4	5.08	65	187989	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	5.10	84	610183	28.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.80%
33) 1,2-Dichloropropane-d6	6.11	67	207611	30.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.52%#
37) Toluene-d8	7.36	98	433672	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.08%
38) trans-1,3-Dichloropropene-	7.66	79	53067	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.56%
39) 2-Hexanone-d5	8.14	63	46223	34.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	126760	19.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	70505	20.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.92%

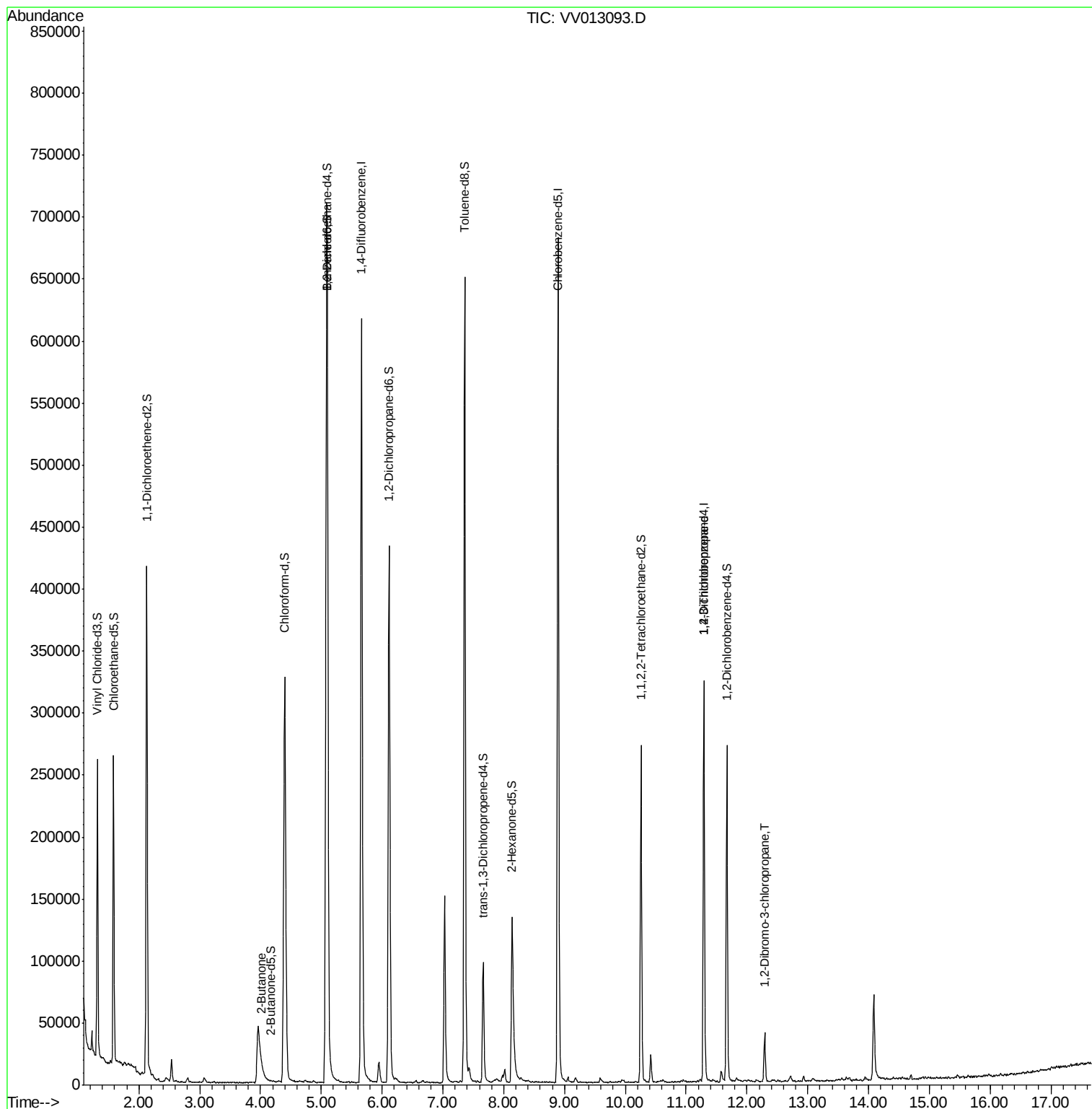
Target Compounds					Qvalue
21) 2-Butanone	4.02	43	7069	1.998 ug/L #	53
59) 1,2,3-Trichloropropane	11.29	75	9704	2.013 ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.29	75	1066	2.311 ug/L #	1

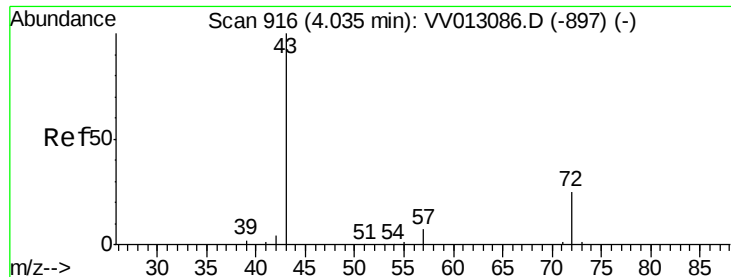
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 1.998 ug/L

RT: 4.02 min Scan# 911

Delta R.T. -0.02 min

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ClientSampleId :

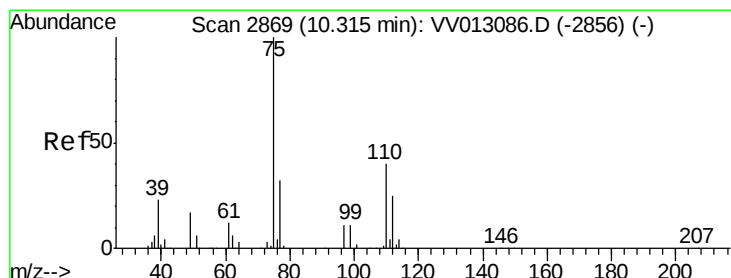
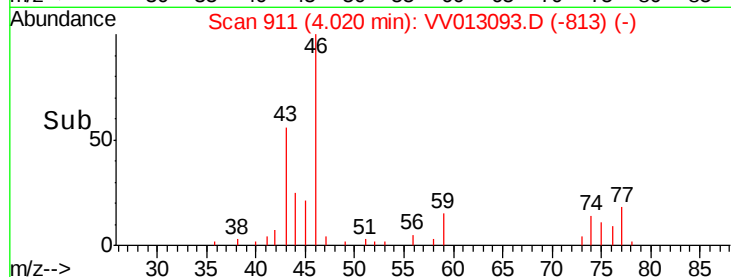
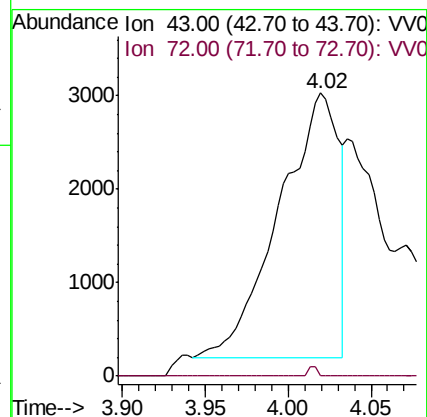
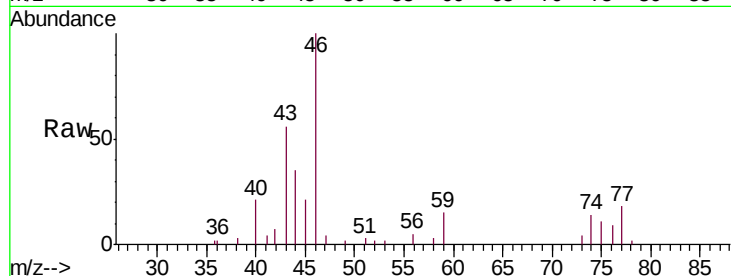
BFB76

Tgt Ion: 43 Resp: 7069

Ion Ratio Lower Upper

43 100

72 0.6 11.9 35.9#



#59

1,2,3-Trichloropropane

Concen: 2.013 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

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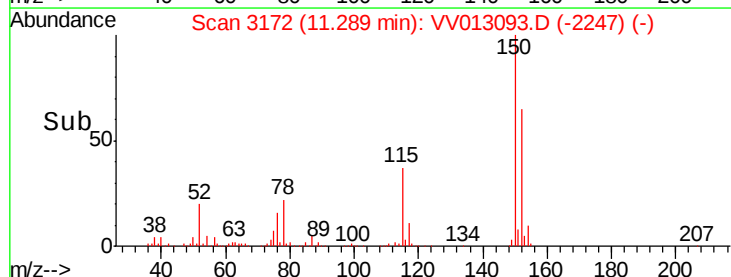
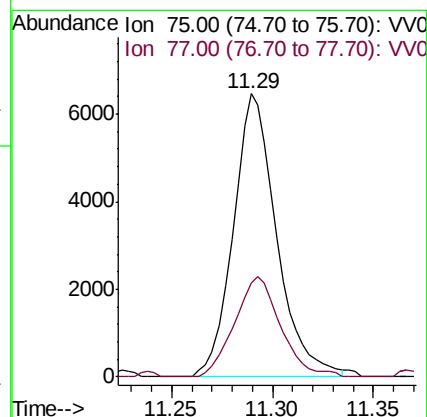
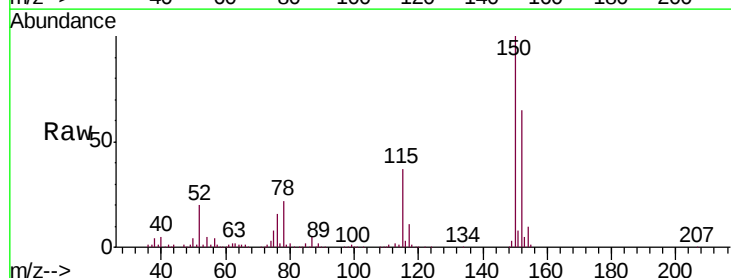
Acq: 10 Oct 2019 16:11

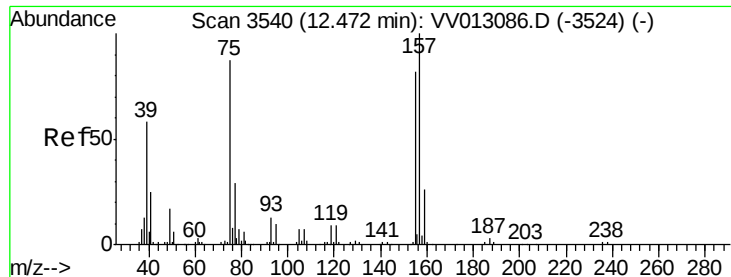
Tgt Ion: 75 Resp: 9704

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.0





#66

1,2-Dibromo-3-chloropropane

Concen: 2.311 ug/L

RT: 12.29 min Scan# 3484

Delta R.T. -0.18 min

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Instrument :

MSVOA_V

ClientSampleId :

BFB76

Tgt Ion: 75 Resp: 1066

Ion Ratio Lower Upper

75 100

157 0.0 91.7 137.5#

155 0.0 70.8 106.2#

