

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011090.D
 Acq On : 29 May 2019 05:27
 Operator : SY/MD
 Sample : K3016-19
 Misc : 5.36G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D6

Quant Time: May 29 07:45:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 29 07:13:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	369887	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	318527	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99260	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	122152	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
7) Chloroethane-d5	1.56	69	98170	27.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.48%
10) 1,1-Dichloroethene-d2	2.12	63	191713	20.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.28%
20) 2-Butanone-d5	3.93	46	121903	69.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.48%#
24) Chloroform-d	4.39	84	252245	28.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.48%
26) 1,2-Dichloroethane-d4	5.08	65	170623	29.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.00%
29) Benzene-d6	5.09	84	551361	29.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.24%
33) 1,2-Dichloropropane-d6	6.11	67	181772	30.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.52%#
37) Toluene-d8	7.36	98	472551	27.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.96%
38) trans-1,3-Dichloropropene-	7.66	79	75364	27.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.04%
39) 2-Hexanone-d5	8.13	63	95383	73.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.56%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	143035	28.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	98446	25.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.32%

Target Compounds

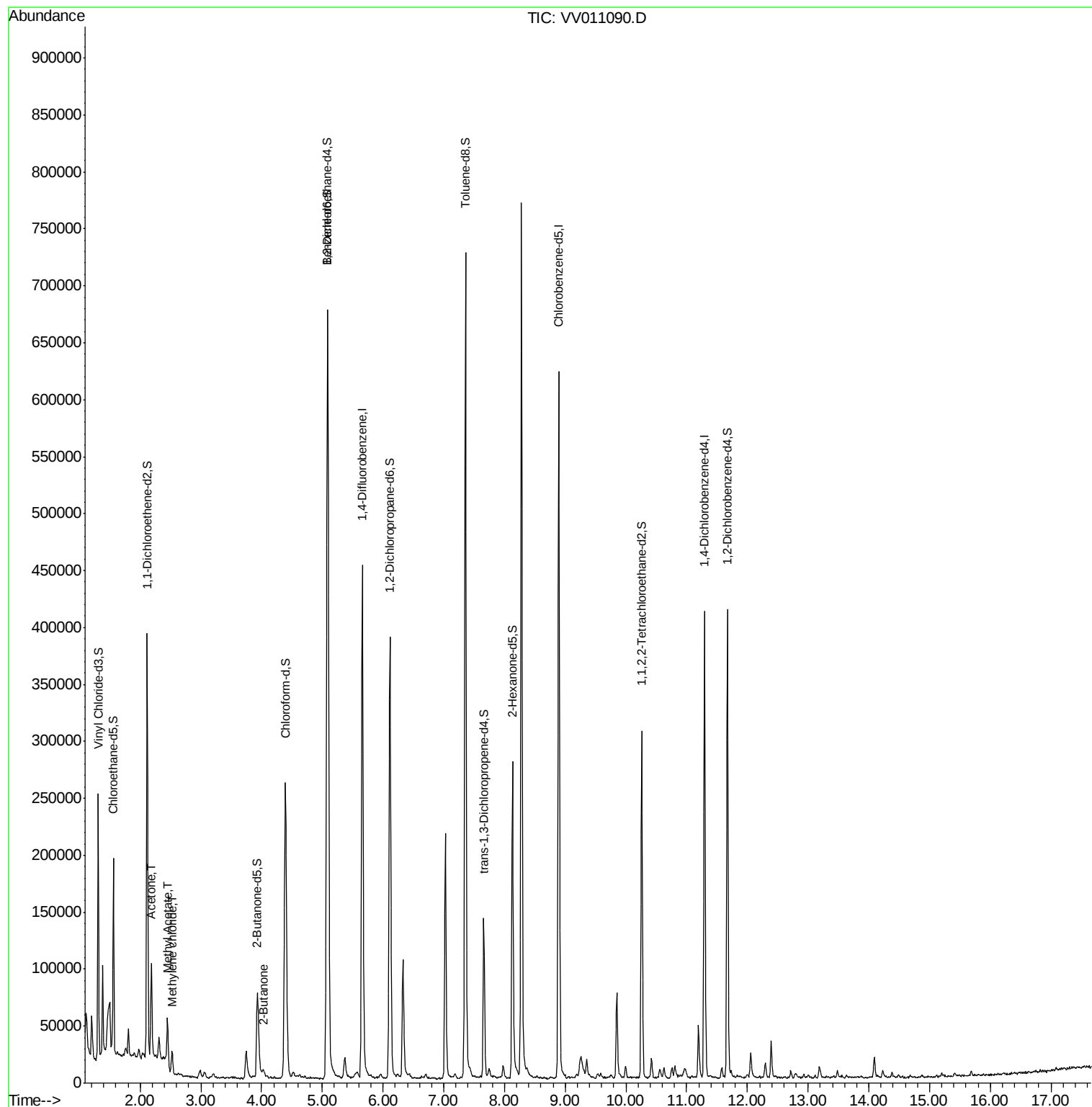
					Ovalue
13) Acetone	2.19	43	79059	39.928 ug/L	99
15) Methyl Acetate	2.45	43	40213	14.070 ug/L #	100
16) Methylene chloride	2.52	84	7963	1.473 ug/L	99
21) 2-Butanone	4.03	43	8354	3.426 ug/L	91

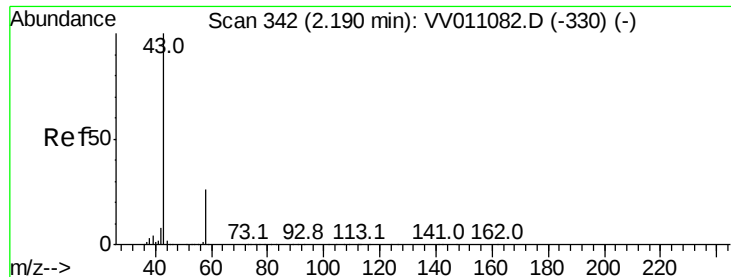
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 39.928 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV011090.D

Acq: 29 May 2019 05:27

Instrument :

MSVOA_V

ClientSampleId :

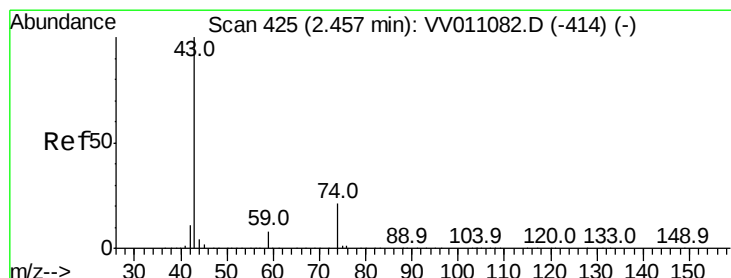
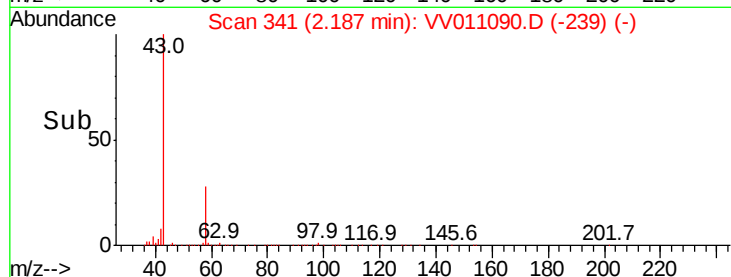
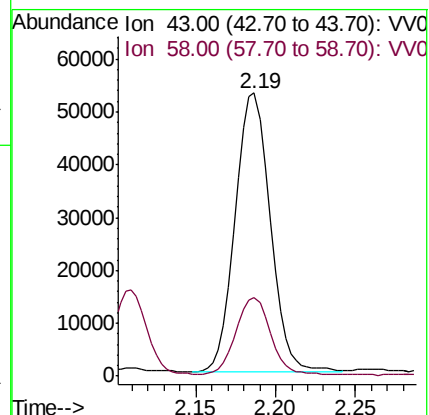
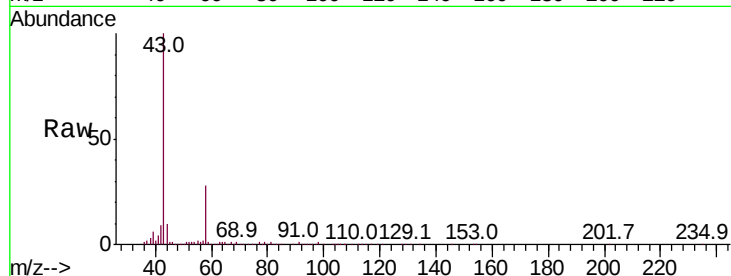
A51D6

Tot Ion: 43 Resp: 79059

Ion Ratio Lower Upper

43 100

58 26.9 0.0 54.8



#15

Methyl Acetate

Concen: 14.070 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

Lab File: VV011090.D

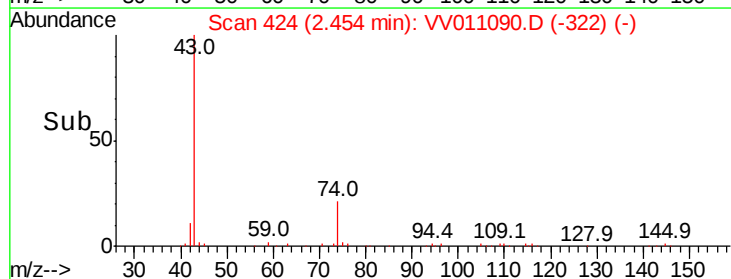
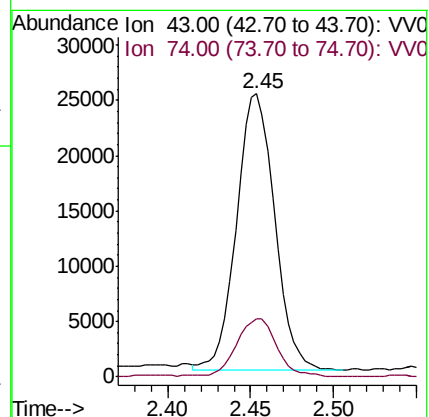
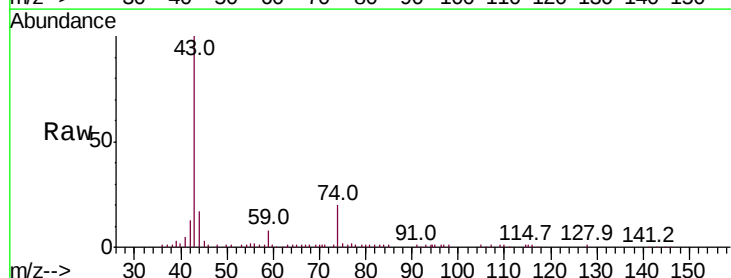
Acq: 29 May 2019 05:27

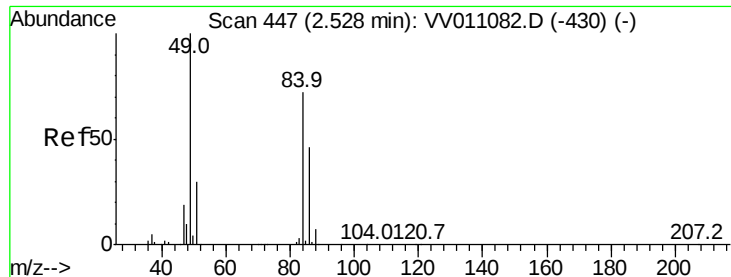
Tgt Ion: 43 Resp: 40213

Ion Ratio Lower Upper

43 100

74 22.1 0.0 0.0#

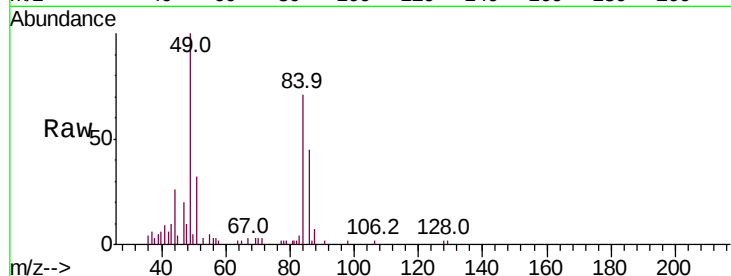




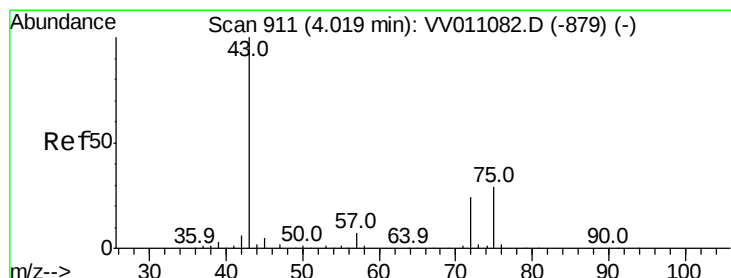
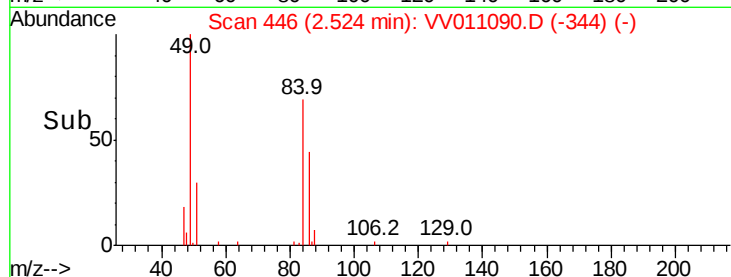
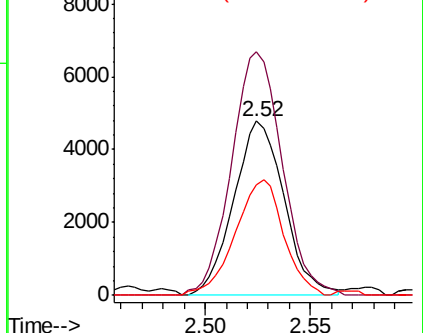
#16
Methylene chloride
Concen: 1.473 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011090.D
Acq: 29 May 2019 05:27

Instrument :
MSVOA_V
ClientSampleId :
A51D6

Tot Ion: 84 Resp: 7963
Ion Ratio Lower Upper
84 100
49 140.0 98.0 182.0
86 63.3 45.4 84.4

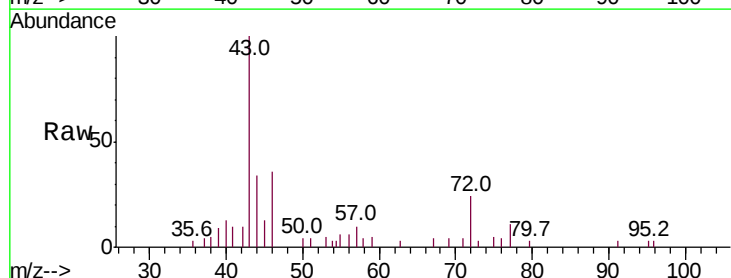


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0



#21
2-Butanone
Concen: 3.426 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV011090.D
Acq: 29 May 2019 05:27

Tgt Ion: 43 Resp: 8354
Ion Ratio Lower Upper
43 100
72 25.6 10.7 31.9



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0

