

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
 Data File : VV011088.D
 Acq On : 29 May 2019 04:31
 Operator : SY/MD
 Sample : K3016-17
 Misc : 5.61G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D4

Quant Time: May 29 07:38:42 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	321488	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	265789	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88565	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111138	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
7) Chloroethane-d5	1.56	69	86951	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.56%
10) 1,1-Dichloroethene-d2	2.12	63	167929	20.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.92%
20) 2-Butanone-d5	3.93	46	99085	65.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.44%
24) Chloroform-d	4.39	84	216792	27.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.24%
26) 1,2-Dichloroethane-d4	5.08	65	139269	27.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.76%
29) Benzene-d6	5.09	84	474578	30.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.96%
33) 1,2-Dichloropropane-d6	6.11	67	154755	31.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.00%#
37) Toluene-d8	7.36	98	406917	28.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.48%
38) trans-1,3-Dichloropropene-	7.66	79	60487	26.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.88%
39) 2-Hexanone-d5	8.13	63	70701	65.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	129191	30.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.36%#
61) 1,2-Dichlorobenzene-d4	11.67	152	91401	26.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.40%

Target Compounds

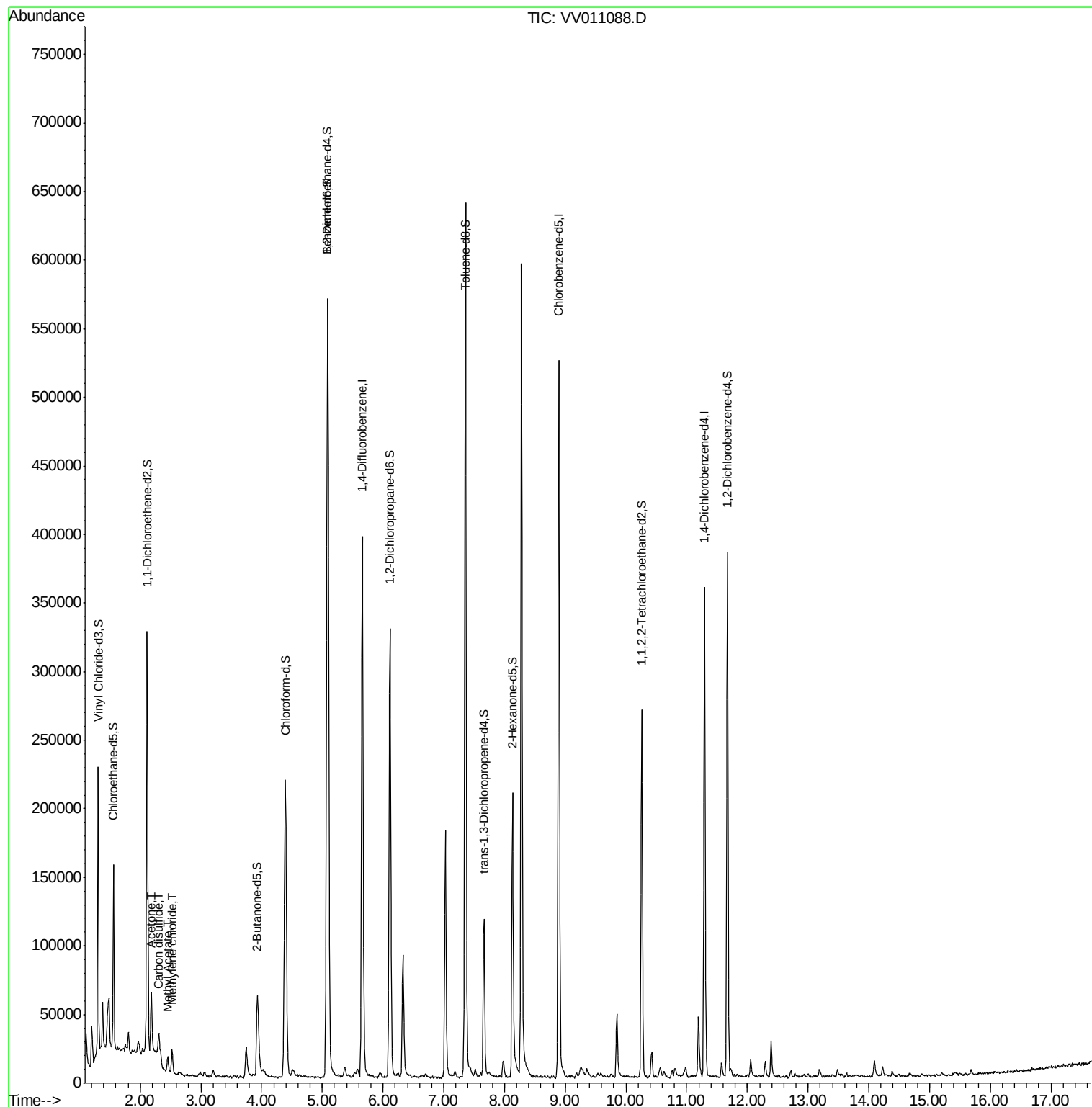
					Ovalue
13) Acetone	2.18	43	41570	24.155 ug/L	98
14) Carbon disulfide	2.30	76	7566	0.701 ug/L #	90
15) Methyl Acetate	2.45	43	13215	5.320 ug/L #	100
16) Methylene chloride	2.53	84	6598	1.404 ug/L	96

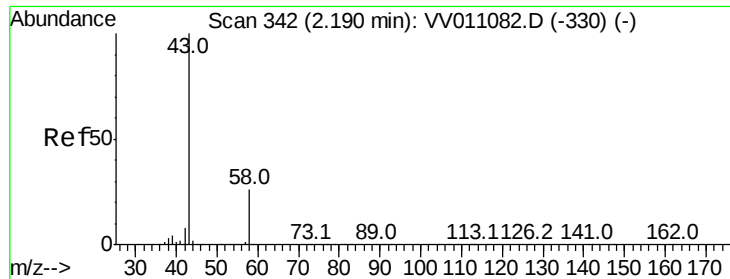
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.155 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

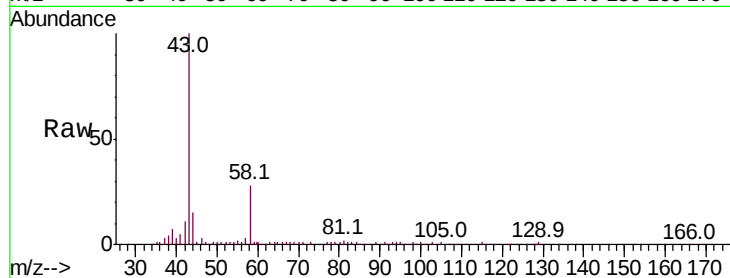
A51D4

Tot Ion: 43 Resp: 41570

Ion Ratio Lower Upper

43 100

58 28.6 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV011088.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011088.D (-330) (-)

30000

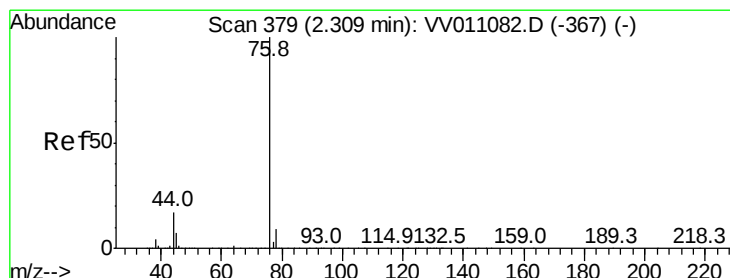
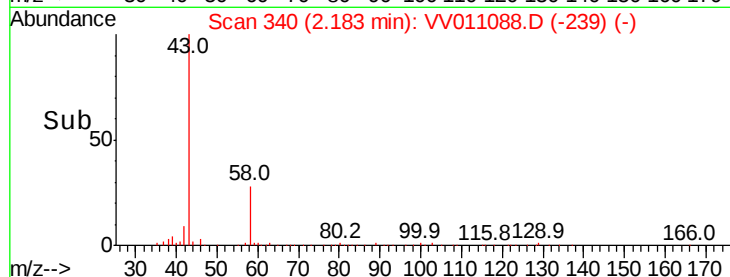
20000

10000

0

2.10 2.15 2.20 2.25

Time-->



#14

Carbon disulfide

Concen: 0.701 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.01 min

Lab File: VV011088.D

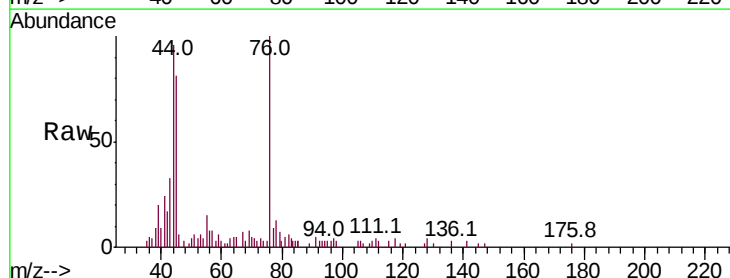
Acq: 29 May 2019 04:31

Tgt Ion: 76 Resp: 7566

Ion Ratio Lower Upper

76 100

78 12.6 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VV011088.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV011088.D (-367) (-)

6000

5000

4000

3000

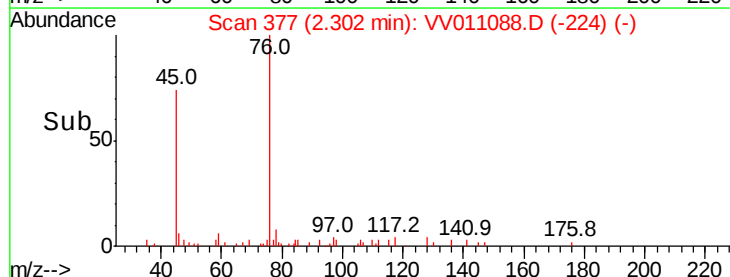
2000

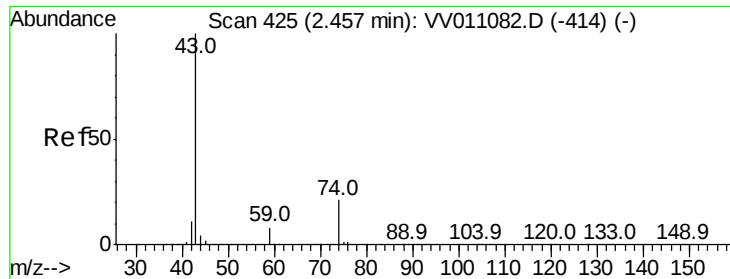
1000

0

2.25 2.30 2.35

Time-->

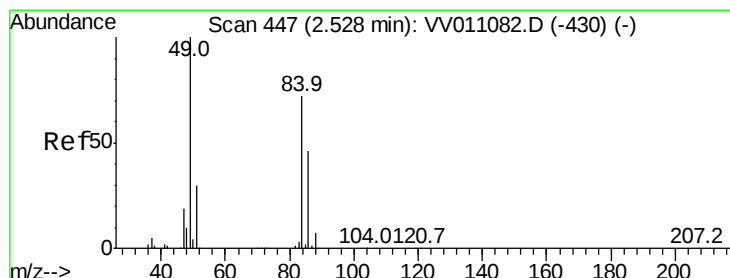
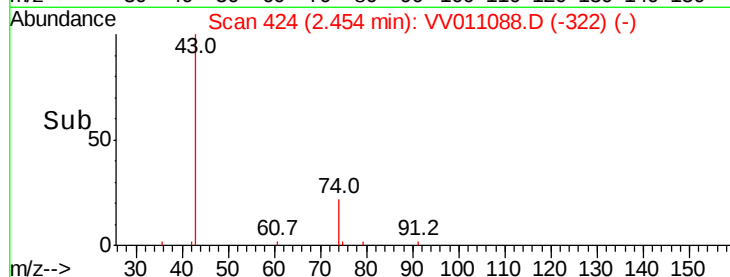
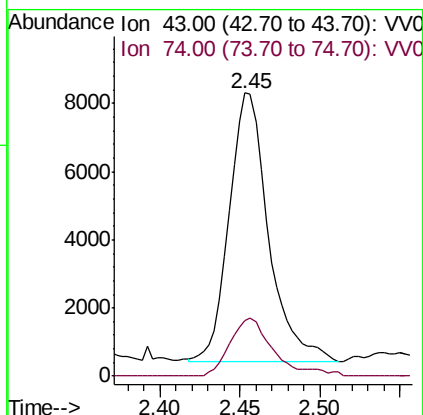
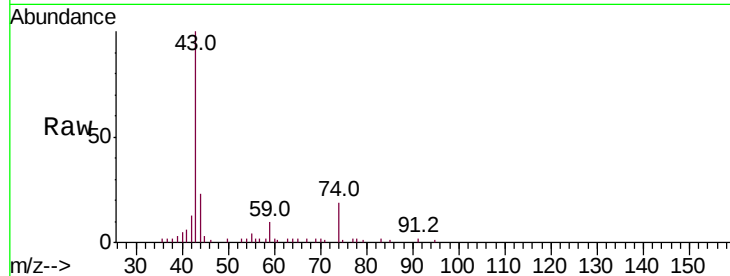




#15
Methvl Acetate
Concen: 5.320 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
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A51D4

Tot Ion: 43 Resp: 13215
Ion Ratio Lower Upper
43 100
74 22.3 0.0 0.0#



#16
Methylene chloride
Concen: 1.404 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV011088.D
Acq: 29 May 2019 04:31

Tgt Ion: 84 Resp: 6598
Ion Ratio Lower Upper
84 100
49 133.0 98.0 182.0
86 63.8 45.4 84.4

