

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040619\
 Data File : VV010145.D
 Acq On : 06 Apr 2019 11:41
 Operator : SY/MD
 Sample : K2259-11
 Misc : 4.72G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ31

Quant Time: Apr 07 01:13:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143961	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91613	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24288	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39605	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	52672	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
10) 1,1-Dichloroethene-d2	2.13	63	76012	15.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.52%
20) 2-Butanone-d5	3.95	46	35470	64.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.36%
24) Chloroform-d	4.40	84	94376	26.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	5.08	65	63919	31.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	126.00%
29) Benzene-d6	5.10	84	187437	39.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	157.80%#
33) 1,2-Dichloropropane-d6	6.12	67	58634	41.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	167.28%#
37) Toluene-d8	7.36	98	135472	29.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.40%
38) trans-1,3-Dichloropropene-	7.66	79	15673	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.60%
39) 2-Hexanone-d5	8.14	63	24553	87.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.62%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40149	29.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	23744	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

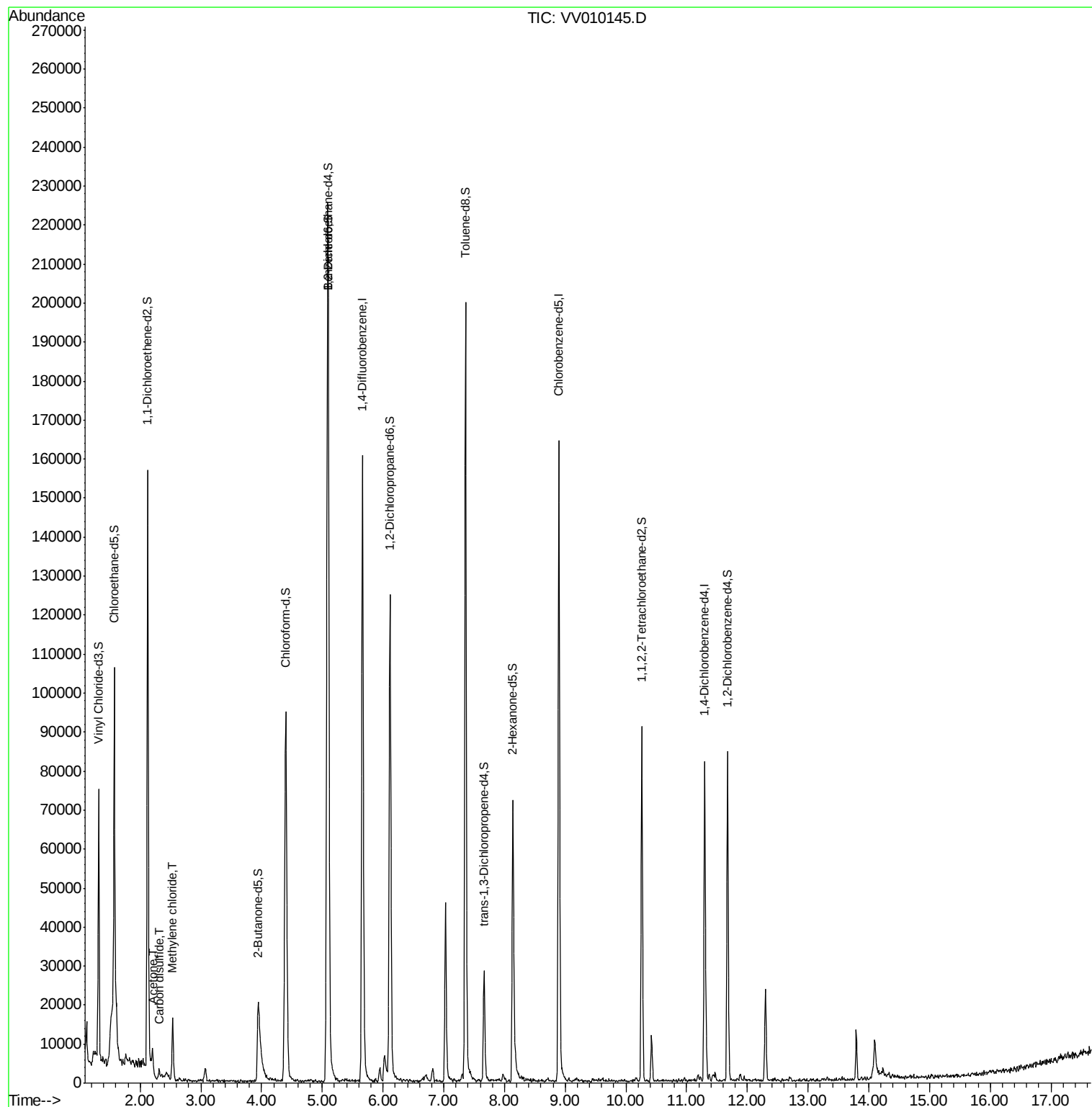
					Ovalue
13) Acetone	2.20	43	9436	17.403	ug/L 100
14) Carbon disulfide	2.31	76	3081	0.754	ug/L # 83
16) Methylene chloride	2.53	84	6439	2.546	ug/L 93

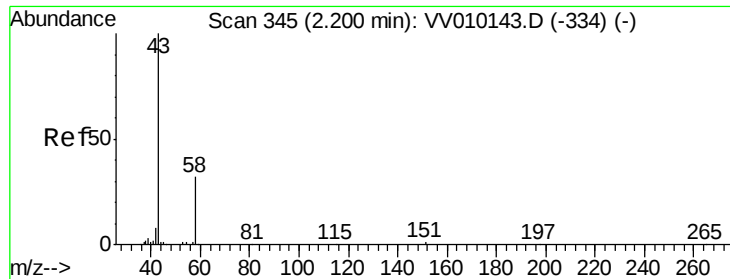
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.403 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV010145.D

Acq: 06 Apr 2019 11:41

Instrument :

MSVOA_V

ClientSampled :

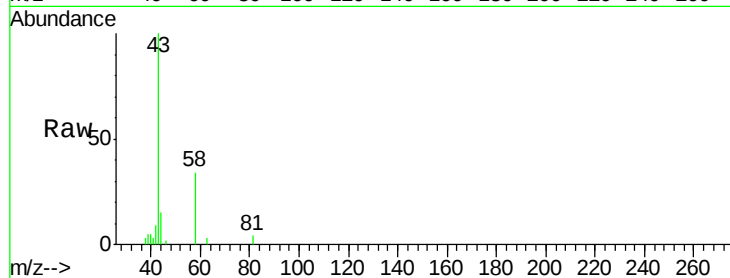
ETJ31

Tot Ion: 43 Resp: 9436

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010143.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010143.D (-334) (-)

2.20

4000

3000

2000

1000

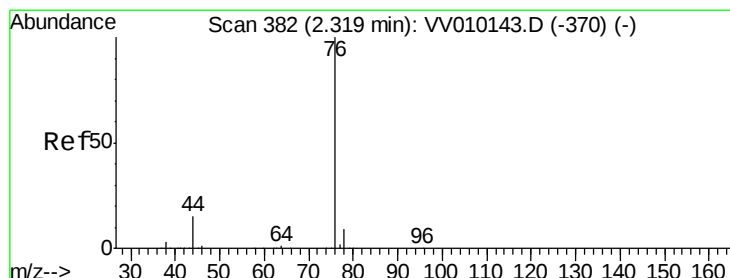
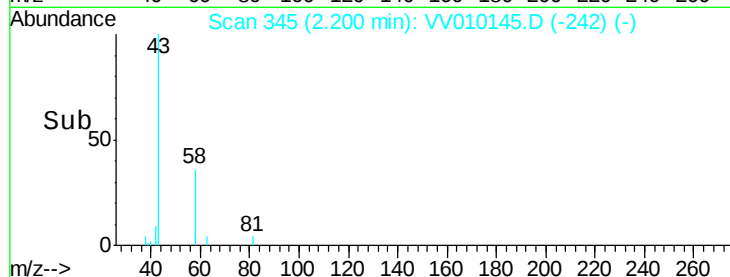
0

Time-->

2.15

2.20

2.25



#14

Carbon disulfide

Concen: 0.754 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV010145.D

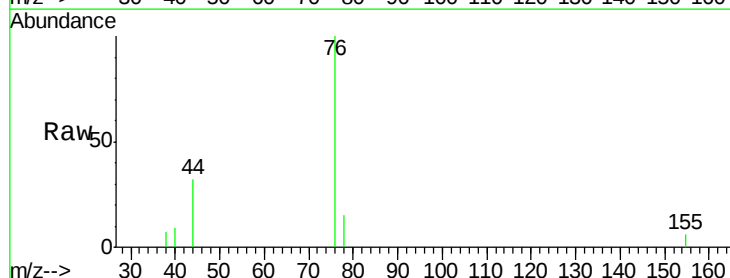
Acq: 06 Apr 2019 11:41

Tgt Ion: 76 Resp: 3081

Ion Ratio Lower Upper

76 100

78 14.9 7.1 10.7#



Abundance Ion 76.00 (75.70 to 76.70): VV010143.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV010143.D (-370) (-)

2.31

2000

1500

1000

500

0

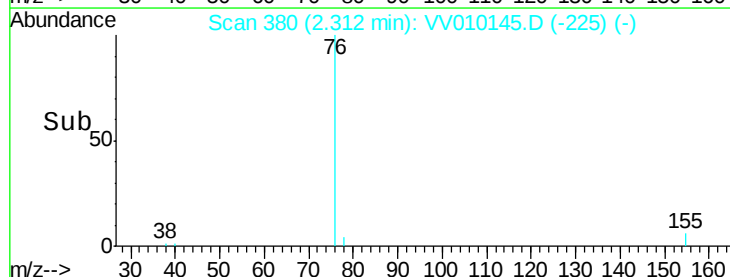
Time-->

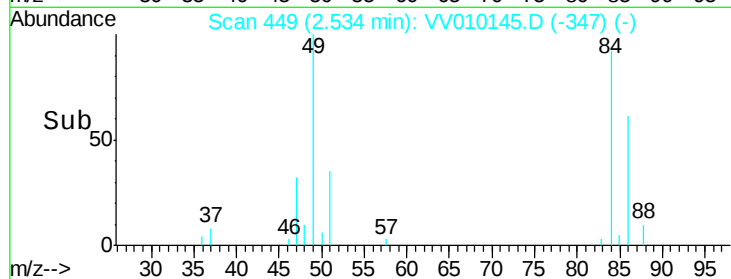
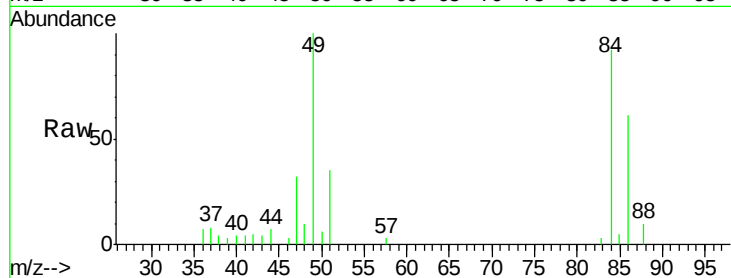
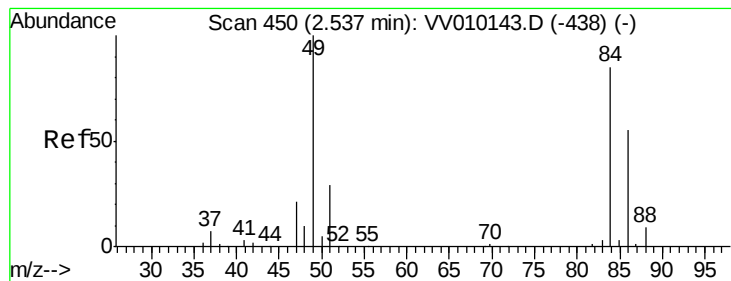
2.28

2.30

2.32

2.34





#16

Methylene chloride

Concen: 2.546 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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Tot Ion: 84 Resp: 6439

Ion Ratio Lower Upper

84 100

49 108.5 84.3 156.5

86 65.8 45.4 84.2

