

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040619\
 Data File : VV010151.D
 Acq On : 06 Apr 2019 14:17
 Operator : SY/MD
 Sample : K2259-17
 Misc : 5.43G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ47

Quant Time: Apr 07 01:50:47 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	229808	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202327	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66225	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35829	11.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.60%
7) Chloroethane-d5	1.57	69	43032	11.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.04%
10) 1,1-Dichloroethene-d2	2.13	63	83282	10.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.92%#
20) 2-Butanone-d5	3.94	46	51998	59.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.80%
24) Chloroform-d	4.40	84	131689	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	87153	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.64%
29) Benzene-d6	5.10	84	245584	23.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.64%
33) 1,2-Dichloropropane-d6	6.12	67	85147	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	7.36	98	209477	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.88%
38) trans-1,3-Dichloropropene-	7.66	79	26903	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.28%
39) 2-Hexanone-d5	8.13	63	33535	54.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78625	25.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	62425	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds

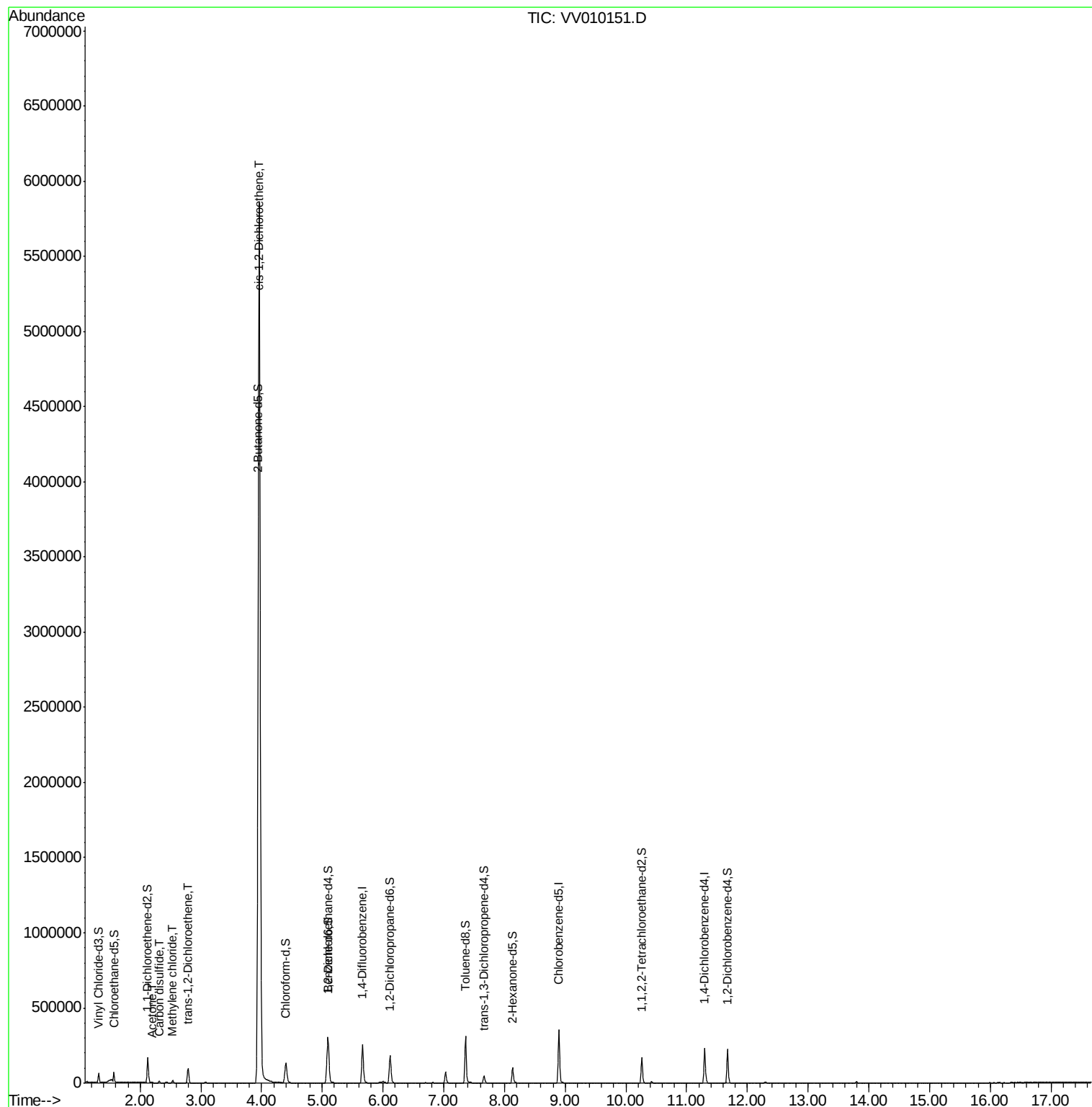
					Ovalue
13) Acetone	2.19	43	4076	4.709	ug/L 94
14) Carbon disulfide	2.32	76	13570	2.081	ug/L 96
16) Methylene chloride	2.53	84	7072	1.752	ug/L 89
18) trans-1,2-Dichloroethene	2.79	96	37371	13.618	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	3277348	1075.527	ug/L 98

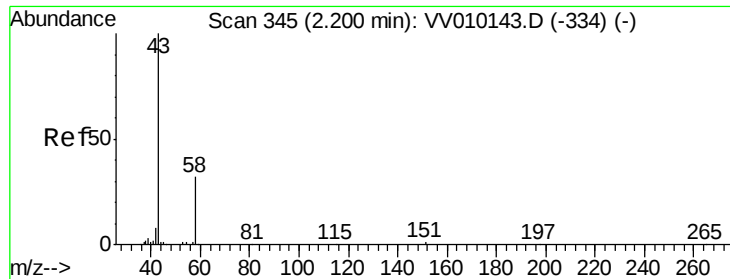
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.709 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010151.D

Acq: 06 Apr 2019 14:17

Instrument :

MSVOA_V

ClientSampled :

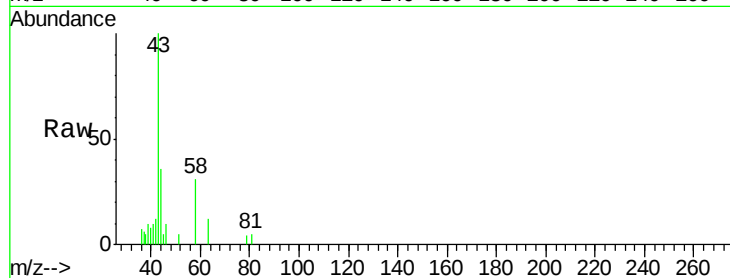
ETJ47

Tot Ion: 43 Resp: 4076

Ion Ratio Lower Upper

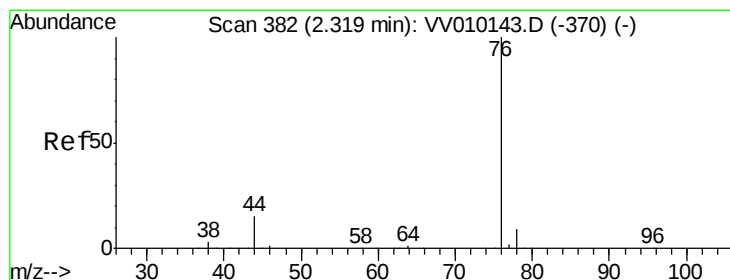
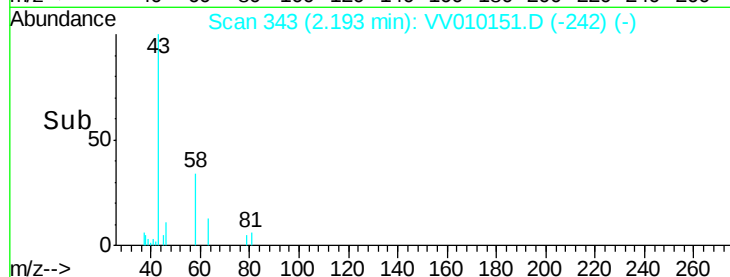
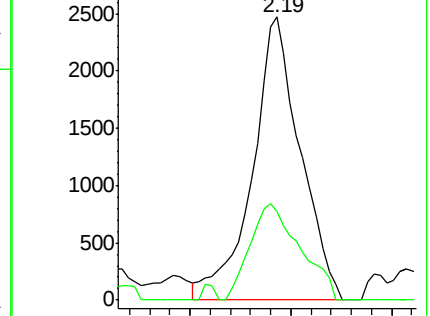
43 100

58 35.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 2.081 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV010151.D

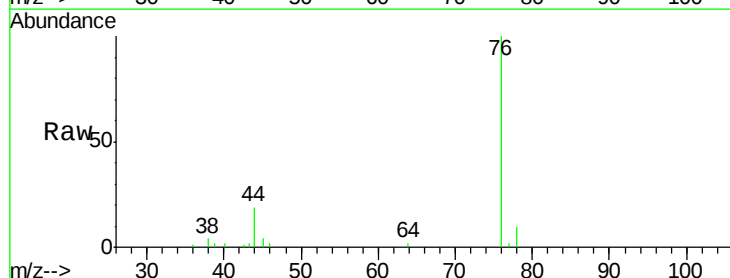
Acq: 06 Apr 2019 14:17

Tgt Ion: 76 Resp: 13570

Ion Ratio Lower Upper

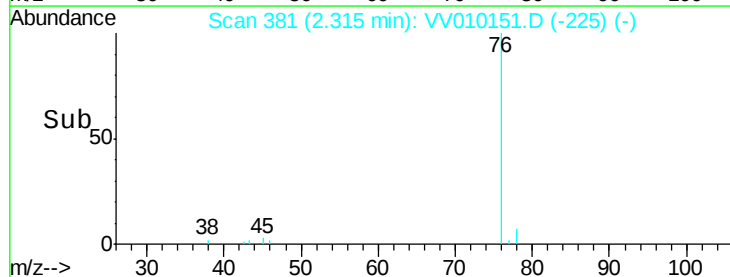
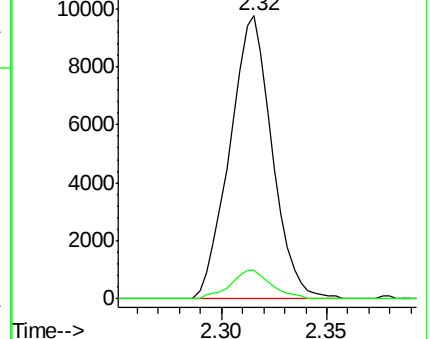
76 100

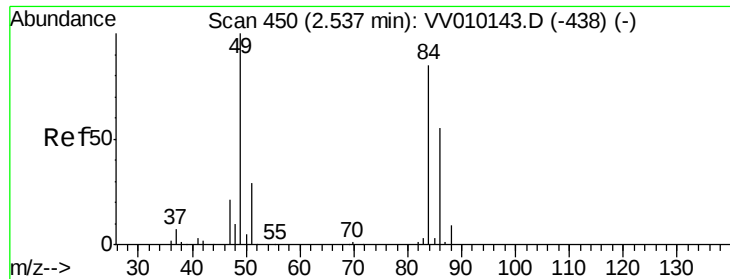
78 10.3 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

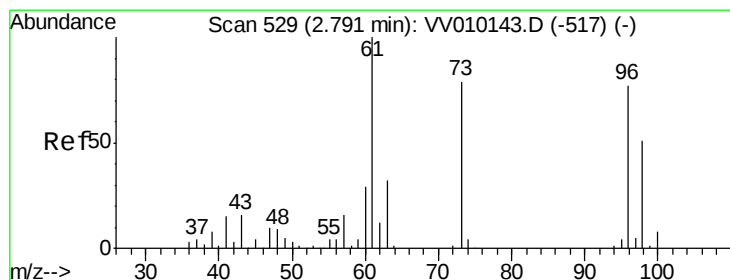
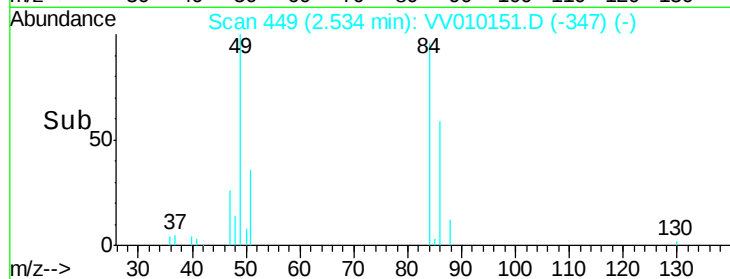
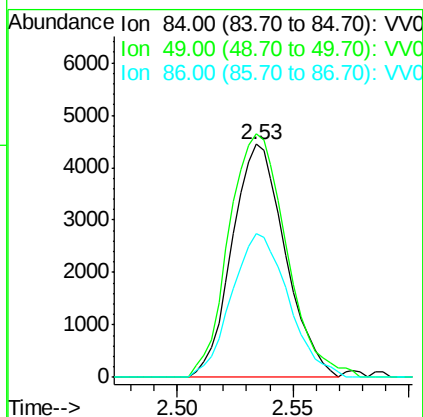
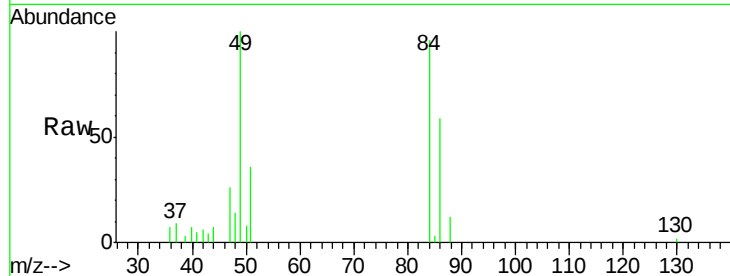




#16
Methvlene chloride
Concen: 1.752 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

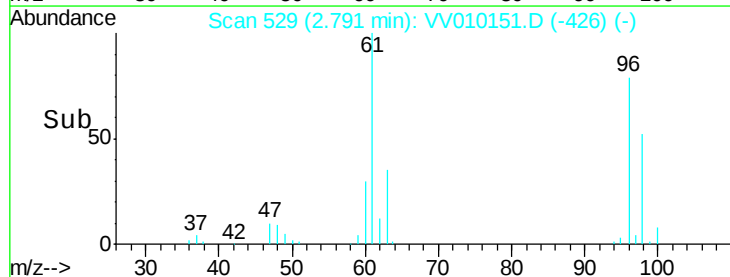
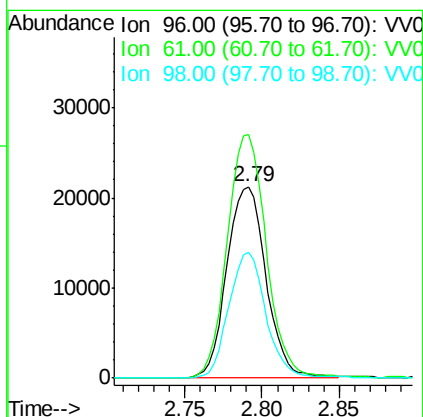
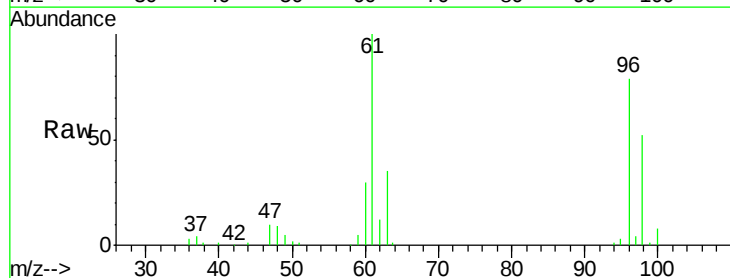
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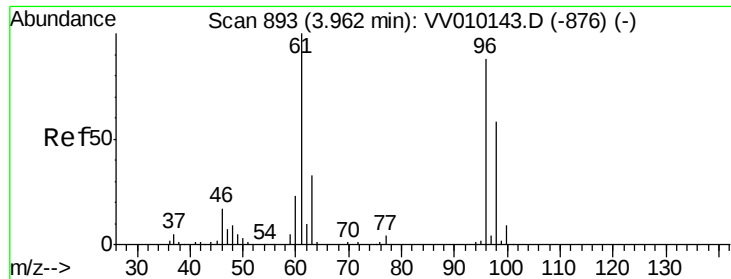
Tot Ion: 84 Resp: 7072
Ion Ratio Lower Upper
84 100
49 104.5 84.3 156.5
86 61.5 45.4 84.2



#18
trans-1,2-Dichloroethene
Concen: 13.618 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV010151.D
Acq: 06 Apr 2019 14:17

Tgt Ion: 96 Resp: 37371
Ion Ratio Lower Upper
96 100
61 127.2 90.0 167.2
98 65.8 44.2 82.2





#22
 cis-1,2-Dichloroethene
 Concen: 1075.527 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV010151.D
 Acq: 06 Apr 2019 14:17

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ47

Tot Ion: 96 Resp: 3277348

Ion	Ratio	Lower	Upper
96	100		
61	120.3	82.7	153.5
98	64.1	43.9	81.5

