

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040619\
 Data File : VV010152.D
 Acq On : 06 Apr 2019 14:43
 Operator : SY/MD
 Sample : K2259-18
 Misc : 5.29G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ48

Quant Time: Apr 07 01:54:16 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	276131	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236873	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55879	15.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.48%
7) Chloroethane-d5	1.57	69	81872	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.32%
10) 1,1-Dichloroethene-d2	2.13	63	122430	13.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.52%
20) 2-Butanone-d5	3.94	46	52810	50.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.40%
24) Chloroform-d	4.40	84	168464	24.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	5.08	65	98384	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	5.10	84	335133	27.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.12%
33) 1,2-Dichloropropane-d6	6.12	67	104959	28.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.80%
37) Toluene-d8	7.36	98	288755	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.60%
38) trans-1,3-Dichloropropene-	7.66	79	31666	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.72%
39) 2-Hexanone-d5	8.14	63	34494	47.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	79303	22.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	81793	26.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.92%

Target Compounds

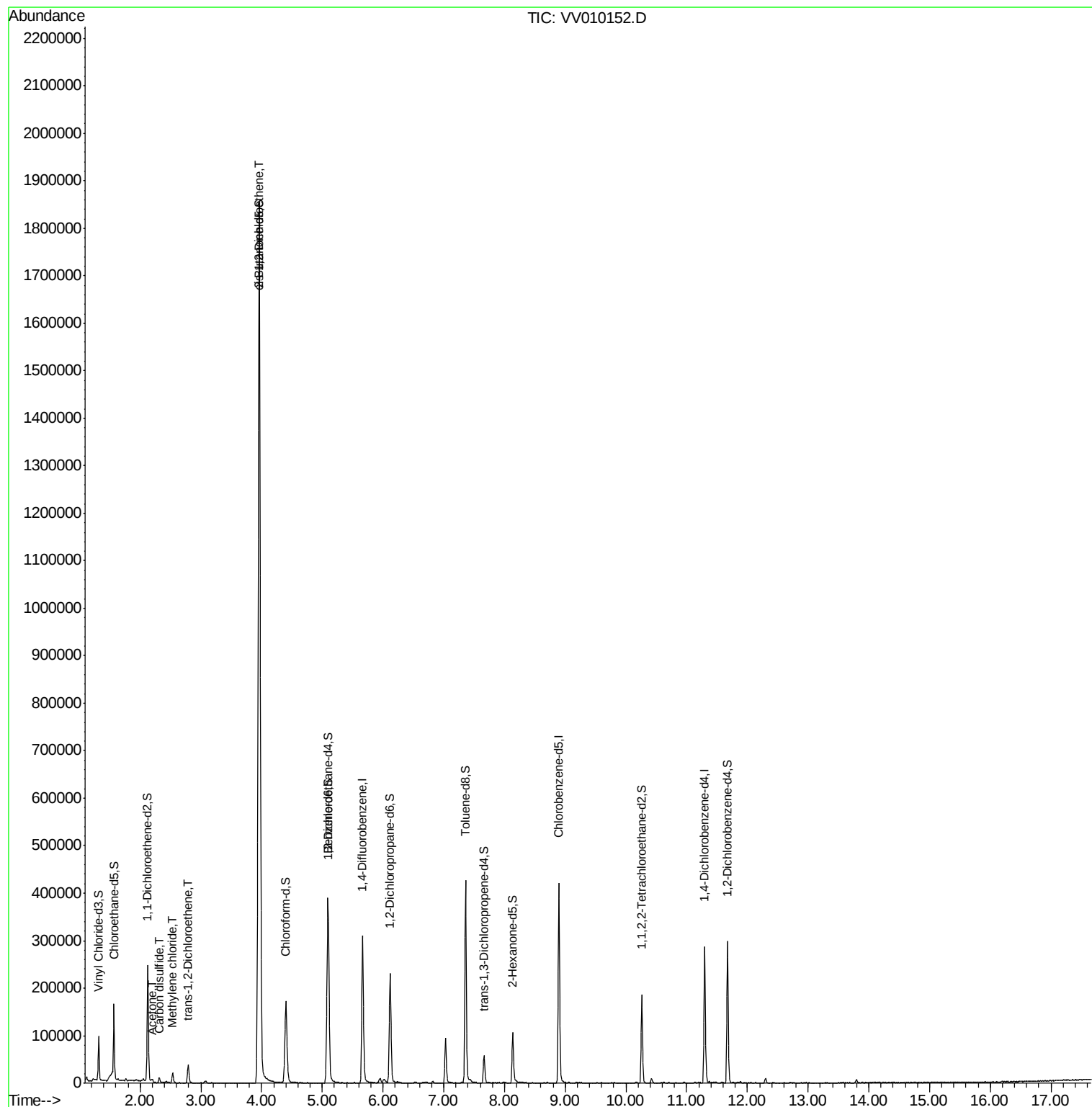
					Ovalue
13) Acetone	2.20	43	5831	5.607 ug/L	98
14) Carbon disulfide	2.32	76	11274	1.439 ug/L	98
16) Methylene chloride	2.53	84	9026	1.860 ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	14093	4.274 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	1035347	282.771 ug/L	98

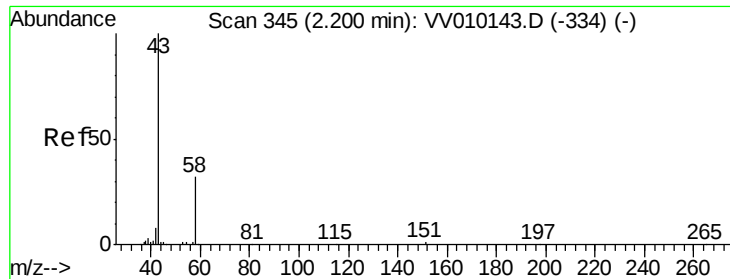
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.607 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV010152.D

Acq: 06 Apr 2019 14:43

Instrument :

MSVOA_V

ClientSampled :

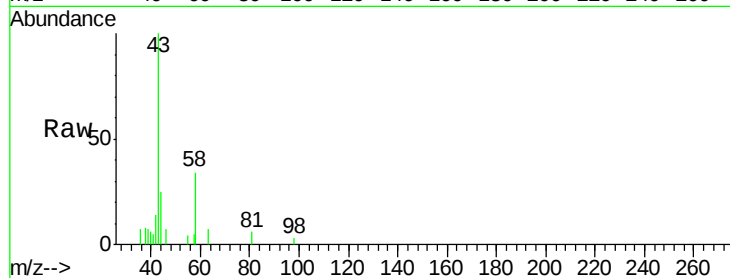
ETJ48

Tot Ion: 43 Resp: 5831

Ion Ratio Lower Upper

43 100

58 33.4 0.0 64.6

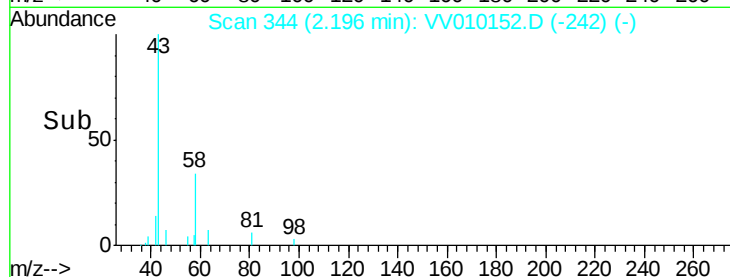


Abundance Ion 43.00 (42.70 to 43.70): VV010143.D (-334) (-)

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

Time-->

2.15 2.20 2.25

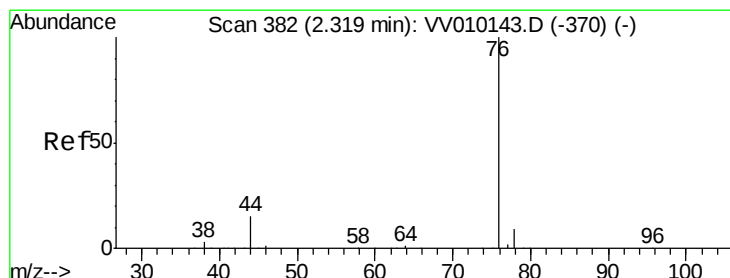


Abundance Ion 43.00 (42.70 to 43.70): VV010152.D (-242) (-)

Ion 58.00 (57.70 to 58.70): VV010152.D (-242) (-)

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 1.439 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV010152.D

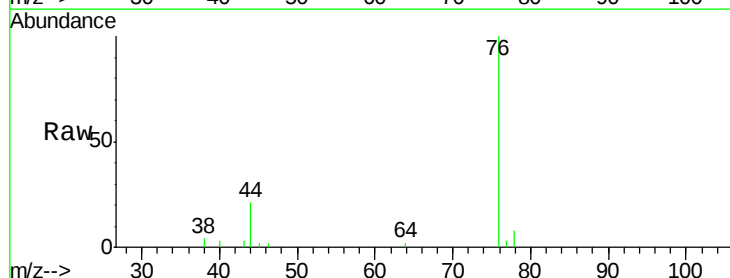
Acq: 06 Apr 2019 14:43

Tgt Ion: 76 Resp: 11274

Ion Ratio Lower Upper

76 100

78 8.1 7.1 10.7

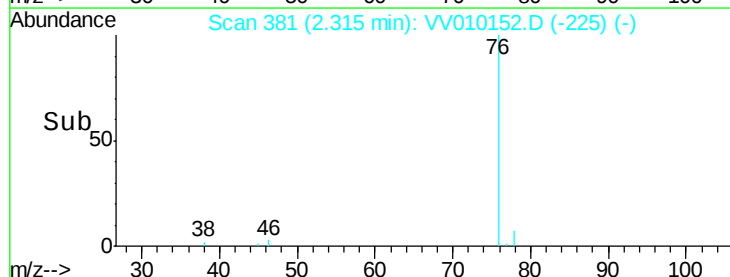


Abundance Ion 76.00 (75.70 to 76.70): VV010143.D (-370) (-)

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

Time-->

2.30 2.35

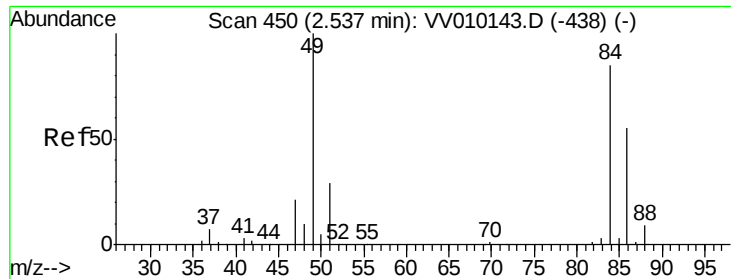


Abundance Ion 76.00 (75.70 to 76.70): VV010152.D (-225) (-)

Ion 78.00 (77.70 to 78.70): VV010152.D (-225) (-)

Time-->

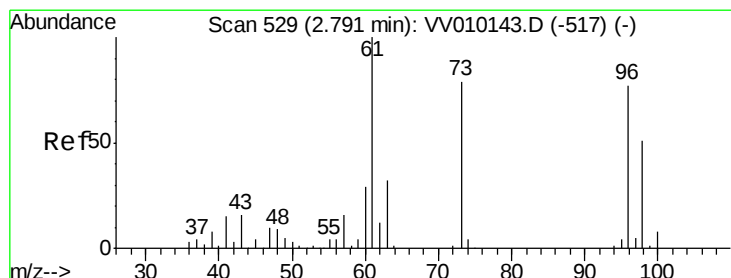
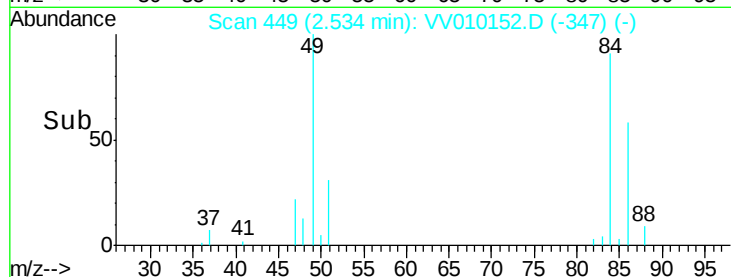
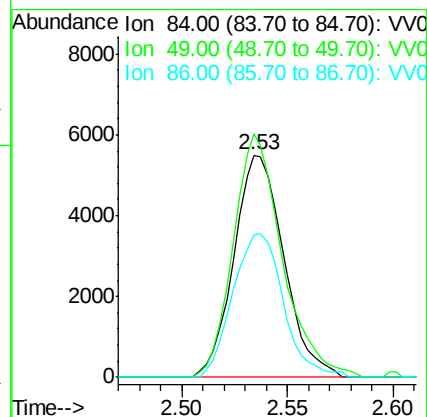
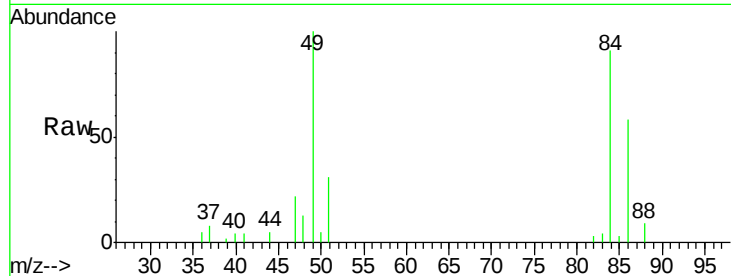
2.30 2.35



#16
Methylene chloride
Concen: 1.860 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010152.D
Acq: 06 Apr 2019 14:43

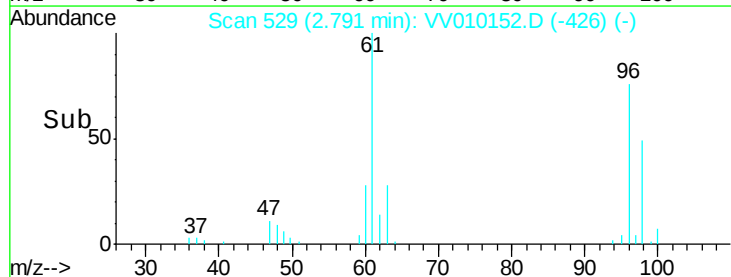
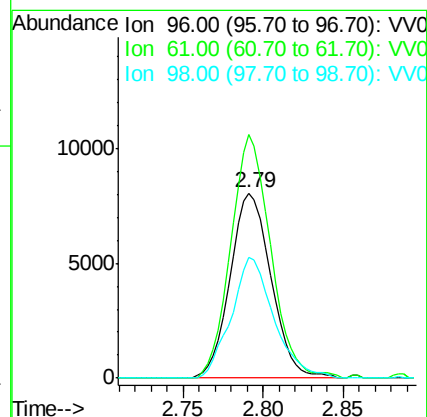
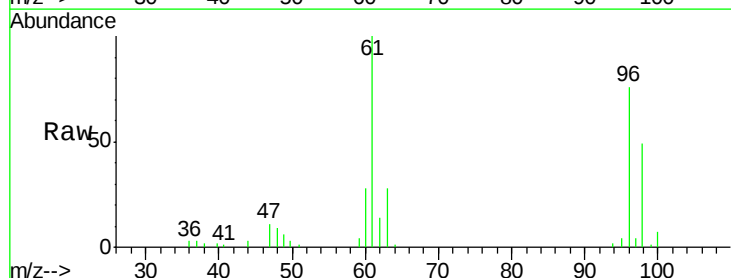
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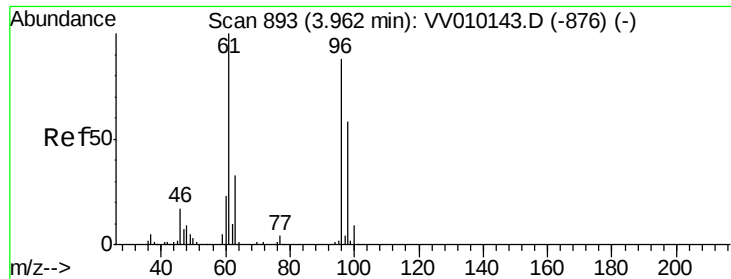
Tot Ion: 84 Resp: 9026
Ion Ratio Lower Upper
84 100
49 109.7 84.3 156.5
86 64.1 45.4 84.2



#18
trans-1,2-Dichloroethene
Concen: 4.274 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV010152.D
Acq: 06 Apr 2019 14:43

Tgt Ion: 96 Resp: 14093
Ion Ratio Lower Upper
96 100
61 131.7 90.0 167.2
98 65.1 44.2 82.2





#22

cis-1,2-Dichloroethene
 Concen: 282.771 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV010152.D
 Acq: 06 Apr 2019 14:43

Instrument :
 MSVOA_V
 ClientSampleId :
 ETJ48

Tot Ion: 96 Resp: 1035347

Ion	Ratio	Lower	Upper
96	100		
61	119.2	82.7	153.5
98	65.4	43.9	81.5

