

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010202.D
 Acq On : 09 Apr 2019 04:08
 Operator : SY/MD
 Sample : K2254-18
 Misc : 4.69G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC39

Quant Time: Apr 09 07:39:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180272	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134594	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42615	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42686	17.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.76%
7) Chloroethane-d5	1.57	69	52378	17.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.88%
10) 1,1-Dichloroethene-d2	2.12	63	89355	14.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.72%
20) 2-Butanone-d5	3.94	46	42939	62.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.04%
24) Chloroform-d	4.40	84	95846	21.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.08	65	62341	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.12%
29) Benzene-d6	5.09	84	195177	27.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.84%
33) 1,2-Dichloropropane-d6	6.12	67	61907	30.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.20%#
37) Toluene-d8	7.36	98	158782	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.44%
38) trans-1,3-Dichloropropene-	7.66	79	11914	13.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.12%
39) 2-Hexanone-d5	8.14	63	26083	63.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53521	26.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	40633	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

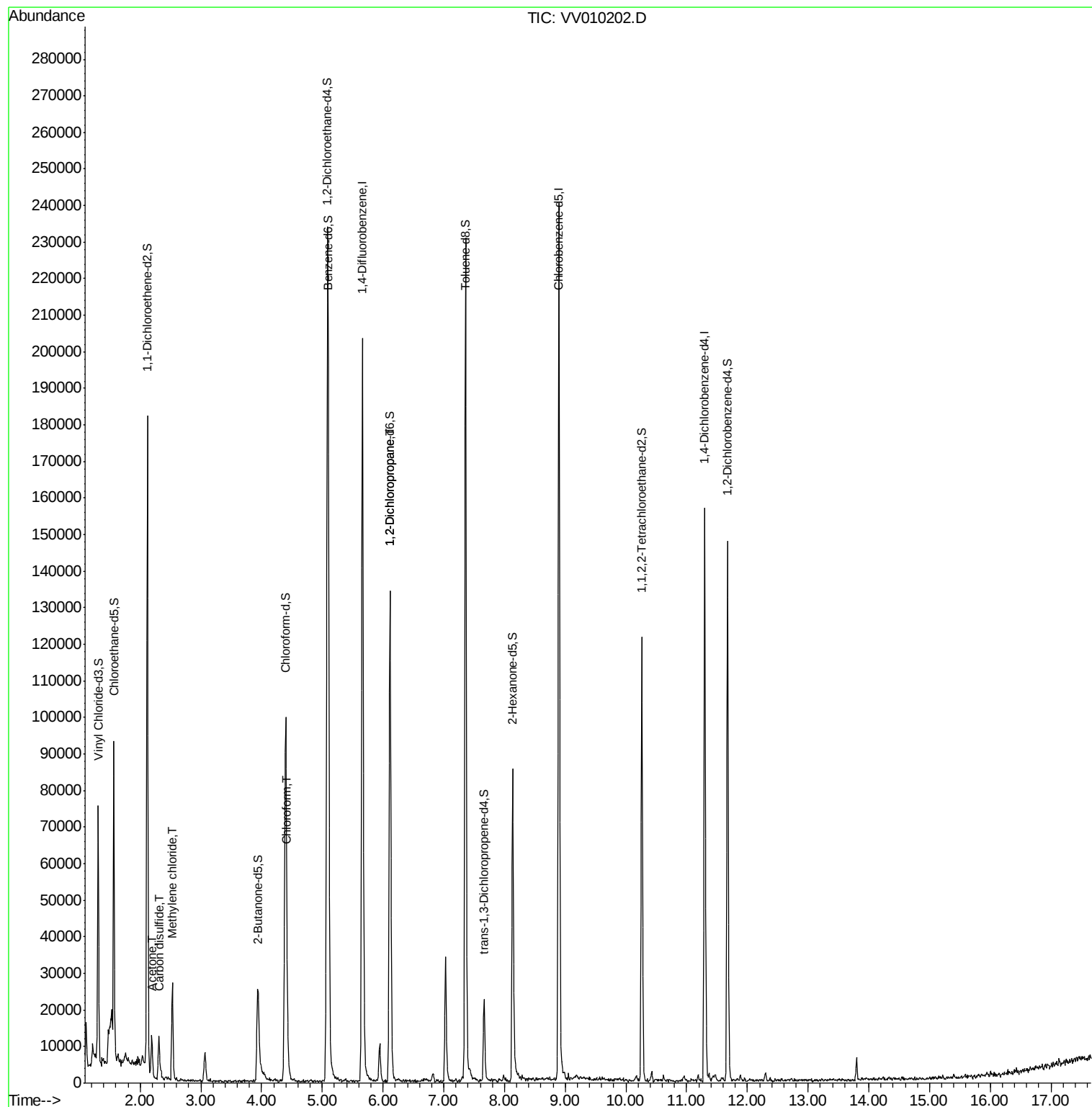
					Ovalue
13) Acetone	2.19	43	12642	18.619	ug/L 91
14) Carbon disulfide	2.31	76	12672	2.477	ug/L 96
16) Methylene chloride	2.53	84	11052	3.489	ug/L 83
25) Chloroform	4.42	83	7180	1.752	ug/L 77
40) 1,2-Dichloropropane	6.12	63	7401	4.450	ug/L # 86

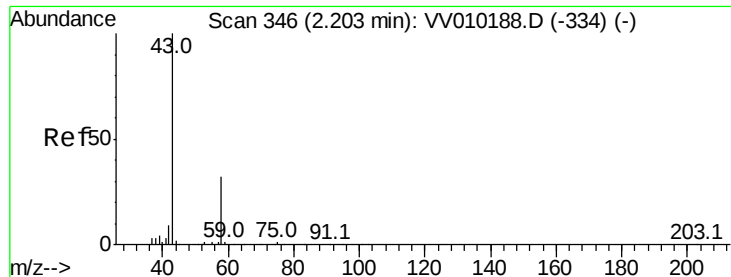
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.619 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010202.D

Acq: 09 Apr 2019 04:08

Instrument :

MSVOA_V

ClientSampleId :

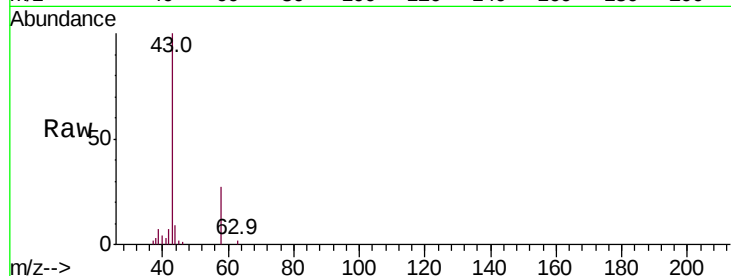
BFC39

Tot Ion: 43 Resp: 12642

Ion Ratio Lower Upper

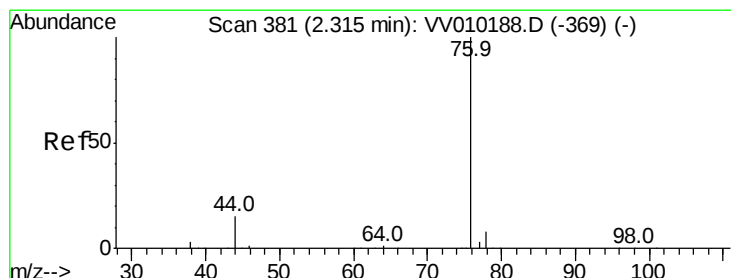
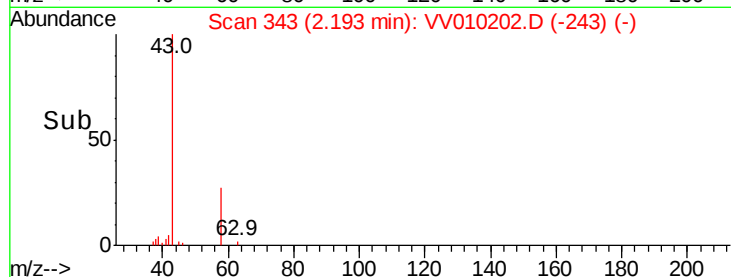
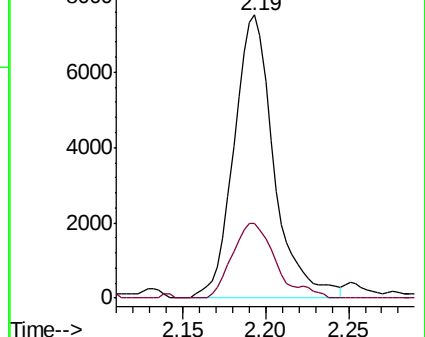
43 100

58 27.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010188.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010188.D (-334) (-)



#14

Carbon disulfide

Concen: 2.477 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VV010202.D

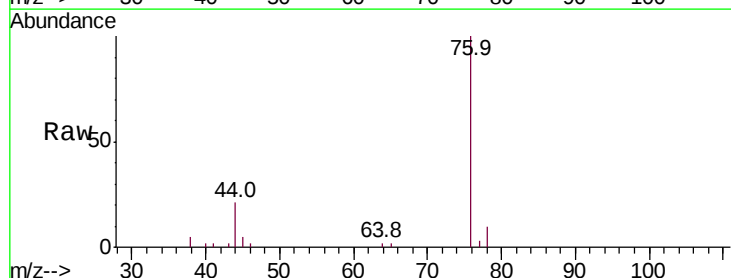
Acq: 09 Apr 2019 04:08

Tgt Ion: 76 Resp: 12672

Ion Ratio Lower Upper

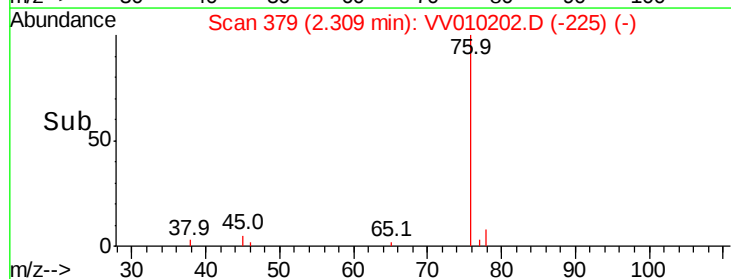
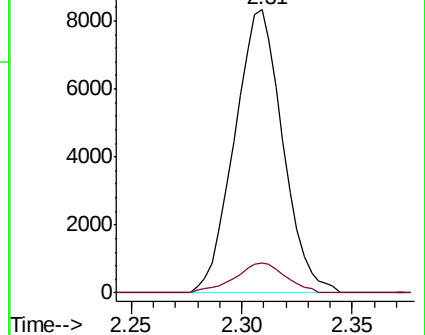
76 100

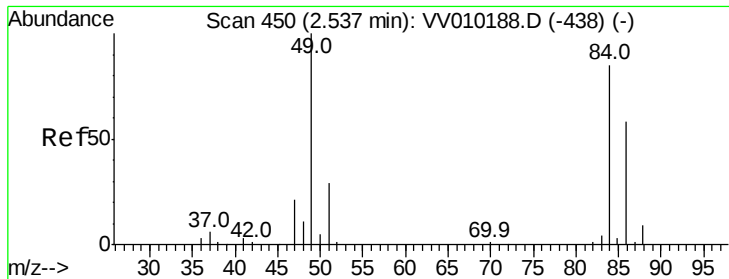
78 10.5 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VV010188.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV010188.D (-369) (-)

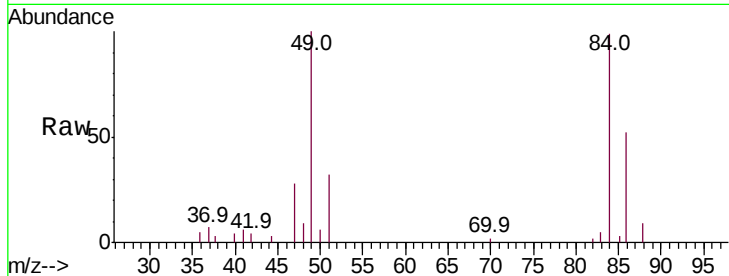




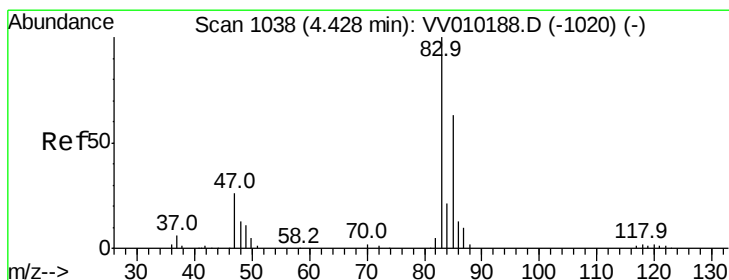
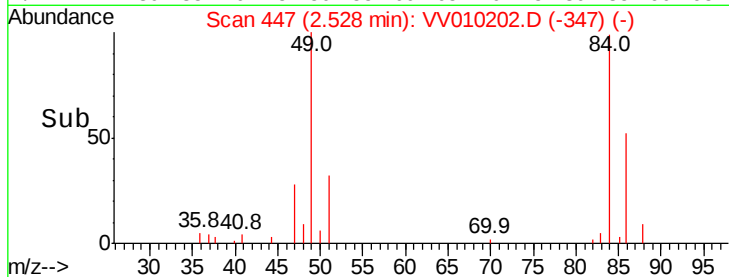
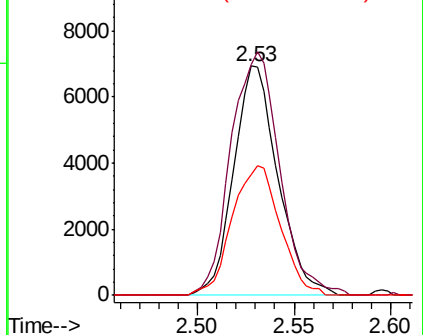
#16
Methvlene chloride
Concen: 3.489 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010202.D
Acq: 09 Apr 2019 04:08

Instrument :
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ClientSampleId :
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Tot Ion: 84 Resp: 11052
Ion Ratio Lower Upper
84 100
49 100.8 84.3 156.5
86 52.6 45.4 84.2

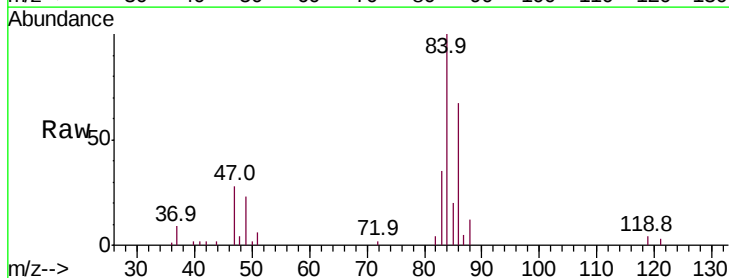


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

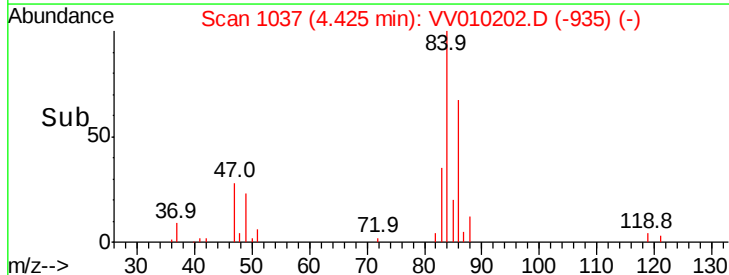
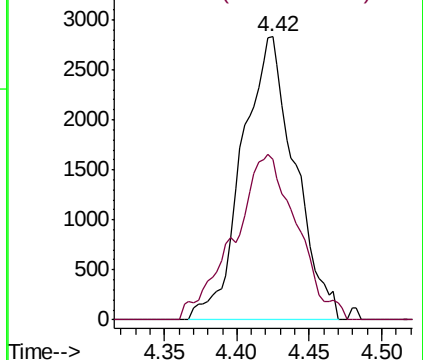


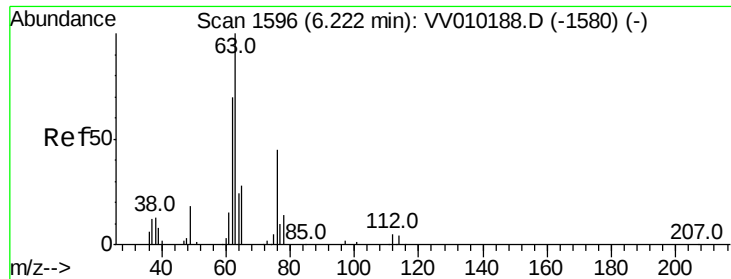
#25
Chloroform
Concen: 1.752 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010202.D
Acq: 09 Apr 2019 04:08

Tgt Ion: 83 Resp: 7180
Ion Ratio Lower Upper
83 100
85 47.6 46.4 86.2



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0





#40

1,2-Dichloropropane

Concen: 4.450 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.11 min

Lab File: VV010202.D

Acq: 09 Apr 2019 04:08

Instrument :

MSVOA_V

ClientSampleId :

BFC39

Tot Ion: 63 Resp: 7401

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#

