

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010198.D
 Acq On : 09 Apr 2019 02:22
 Operator : SY/MD
 Sample : K2254-12
 Misc : 5.98G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC32

Quant Time: Apr 09 07:39:32 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	280454	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	269062	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115157	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52977	14.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.44%
7) Chloroethane-d5	1.56	69	76578	16.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.68%
10) 1,1-Dichloroethene-d2	2.12	63	74428	7.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.44%#
20) 2-Butanone-d5	3.94	46	35856	33.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.12%
24) Chloroform-d	4.40	84	127156	18.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.00%
26) 1,2-Dichloroethane-d4	5.08	65	76490	19.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.40%
29) Benzene-d6	5.09	84	262970	18.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.40%
33) 1,2-Dichloropropane-d6	6.12	67	80400	19.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.08%
37) Toluene-d8	7.36	98	261095	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.68%
38) trans-1,3-Dichloropropene-	7.67	79	28901	16.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.68%
39) 2-Hexanone-d5	8.14	63	26658	32.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68979	16.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	95408	21.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.08%

Target Compounds

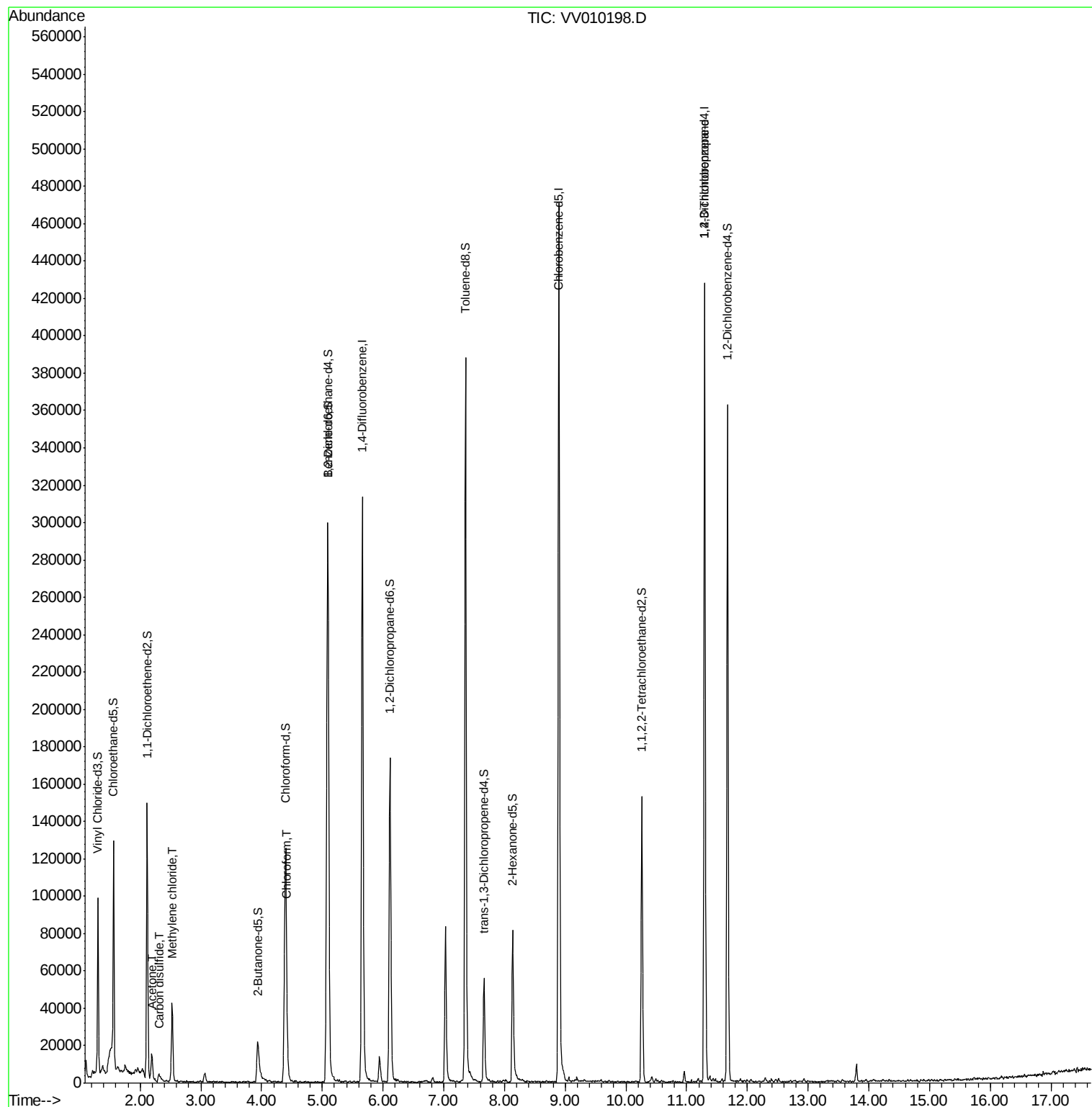
					Ovalue
13) Acetone	2.19	43	16056	15.200	ug/L 98
14) Carbon disulfide	2.31	76	4108	0.516	ug/L # 92
16) Methylene chloride	2.53	84	18063	3.666	ug/L 92
25) Chloroform	4.42	83	5990	0.939	ug/L 99
59) 1,2,3-Trichloropropane	11.30	75	14543	5.357	ug/L 94

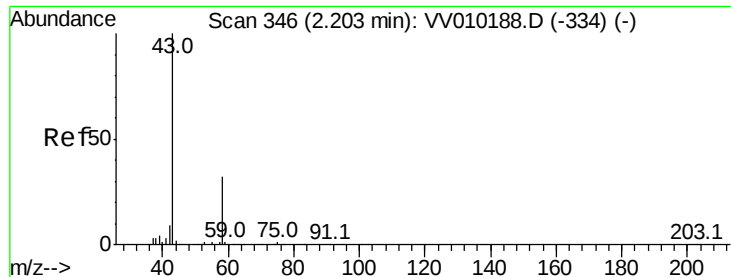
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.200 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010198.D

Acq: 09 Apr 2019 02:22

Instrument :

MSVOA_V

ClientSampleId :

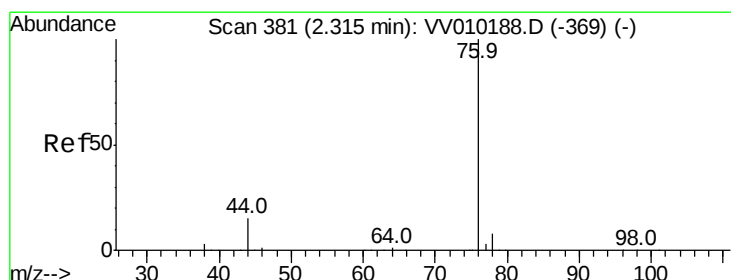
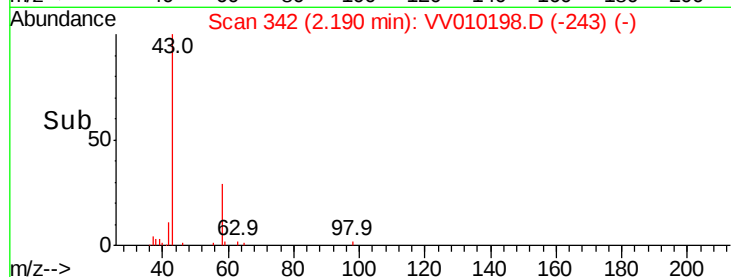
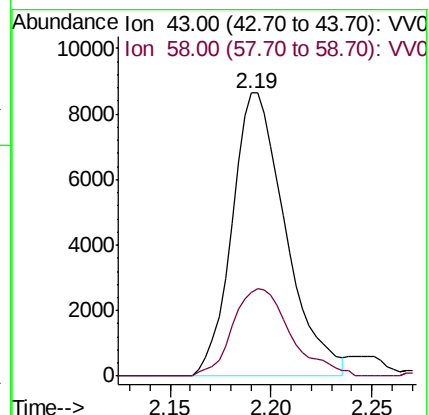
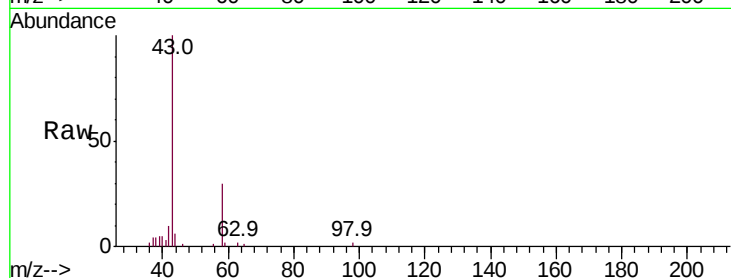
BFC32

Tot Ion: 43 Resp: 16056

Ion Ratio Lower Upper

43 100

58 33.3 0.0 64.6



#14

Carbon disulfide

Concen: 0.516 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV010198.D

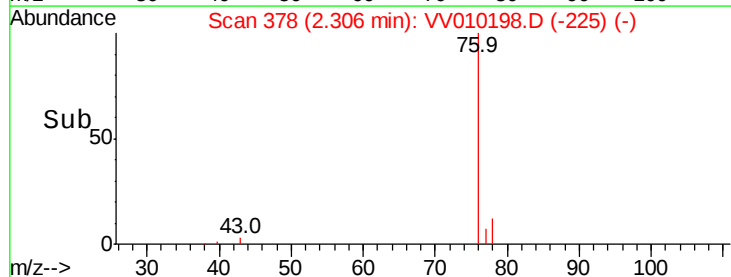
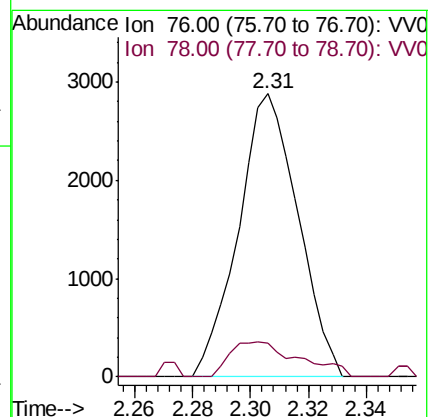
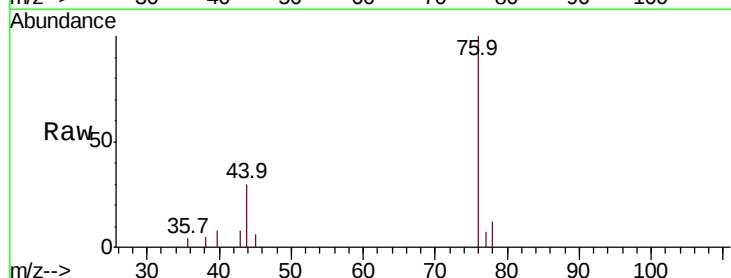
Acq: 09 Apr 2019 02:22

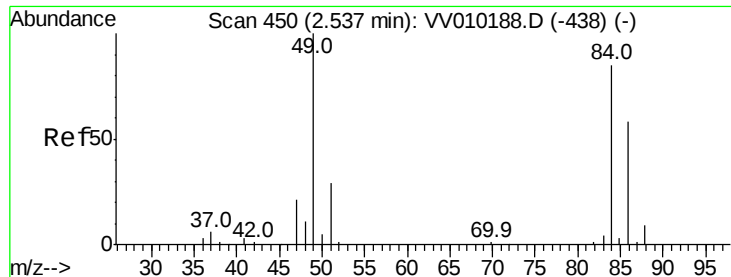
Tgt Ion: 76 Resp: 4108

Ion Ratio Lower Upper

76 100

78 11.8 7.1 10.7#

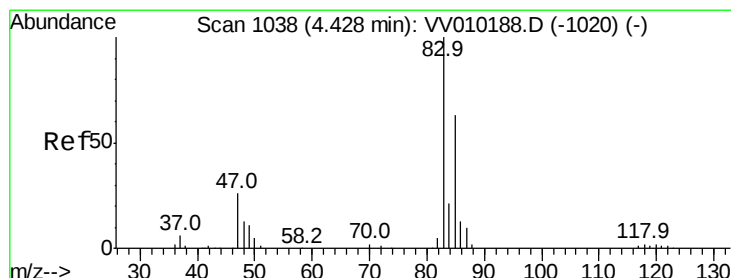
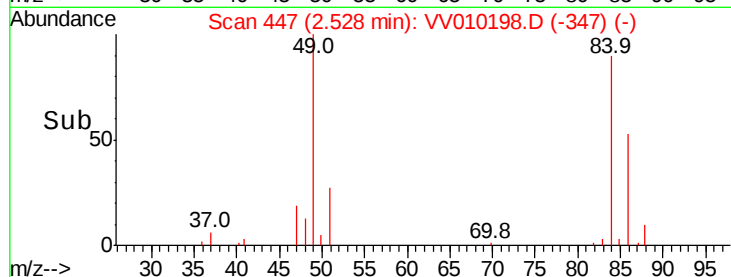
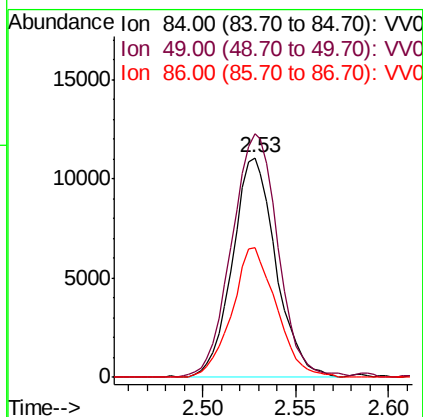
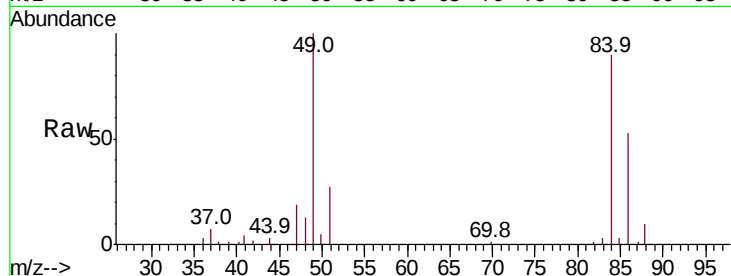




#16
Methvlene chloride
Concen: 3.666 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010198.D
Acq: 09 Apr 2019 02:22

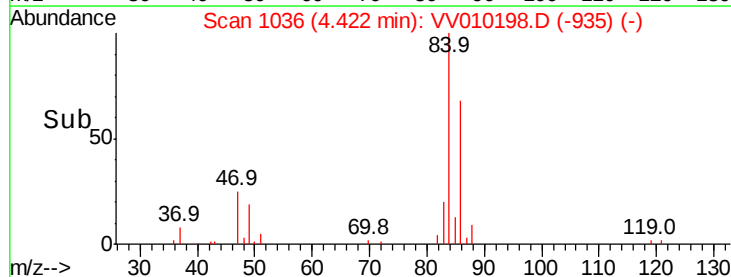
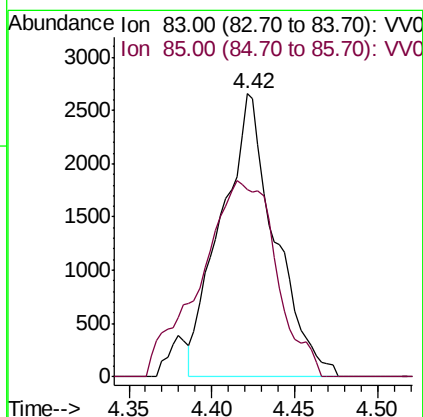
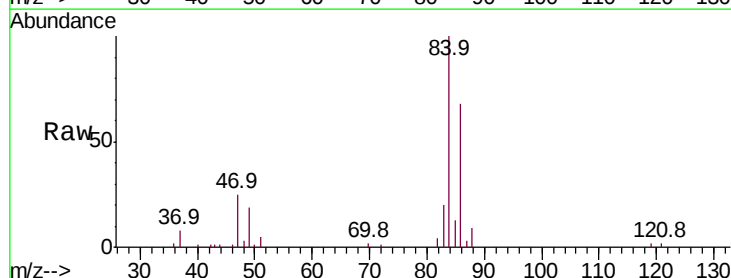
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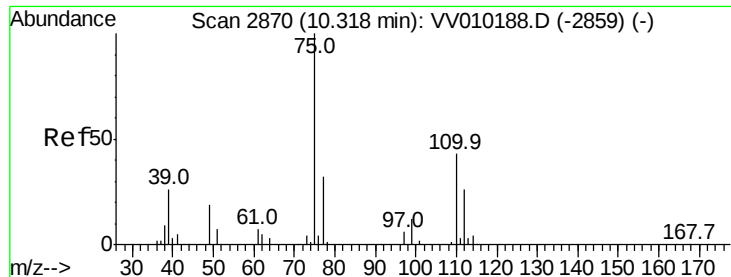
Tot Ion: 84 Resp: 18063
Ion Ratio Lower Upper
84 100
49 110.9 84.3 156.5
86 58.8 45.4 84.2



#25
Chloroform
Concen: 0.939 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV010198.D
Acq: 09 Apr 2019 02:22

Tgt Ion: 83 Resp: 5990
Ion Ratio Lower Upper
83 100
85 67.3 46.4 86.2





#59

1,2,3-Trichloropropane

Concen: 5.357 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010198.D

Acq: 09 Apr 2019 02:22

Instrument :

MSVOA_V

ClientSampleId :

BFC32

Tot Ion: 75 Resp: 14543

Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.8

