

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010158.D
 Acq On : 06 Apr 2019 17:20
 Operator : SY/MD
 Sample : K2168-06
 Misc : 5.03G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF647

Quant Time: Apr 07 00:54:02 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	270767	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	258382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123081	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50950	14.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.24%
7) Chloroethane-d5	1.57	69	56139	12.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.88%
10) 1,1-Dichloroethene-d2	2.13	63	115058	12.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.32%
20) 2-Butanone-d5	3.94	46	41457	40.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.38%
24) Chloroform-d	4.40	84	136749	20.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.08	65	80203	21.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.08%
29) Benzene-d6	5.10	84	273007	20.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.48%
33) 1,2-Dichloropropane-d6	6.12	67	84655	21.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.64%
37) Toluene-d8	7.36	98	252881	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.36%
38) trans-1,3-Dichloropropene-	7.66	79	30466	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.08%
39) 2-Hexanone-d5	8.14	63	30189	38.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	75405	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	104207	21.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.92%

Target Compounds

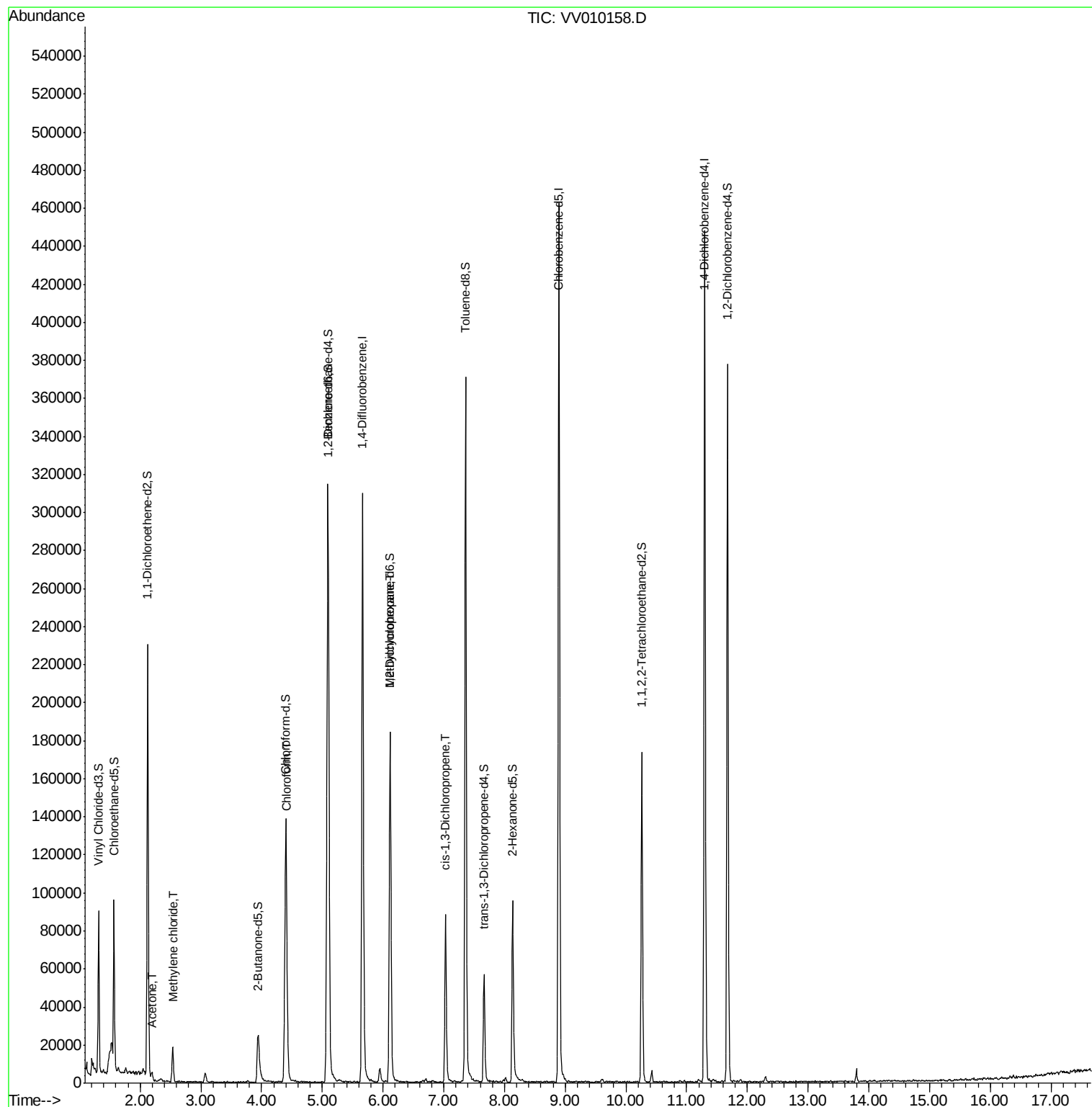
					Qvalue
13) Acetone	2.20	43	2839	2.784 ug/L	85
16) Methylene chloride	2.54	84	7558	1.589 ug/L	91
25) Chloroform	4.42	83	4271	0.694 ug/L #	74
36) Methylcyclohexane	6.12	83	19995	3.670 ug/L #	21
42) cis-1,3-Dichloropropene	7.03	75	2820	0.610 ug/L	88

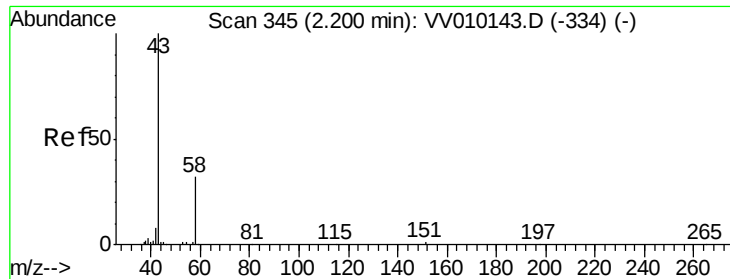
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.784 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV010158.D

Acq: 06 Apr 2019 17:20

Instrument :

MSVOA_V

ClientSampled :

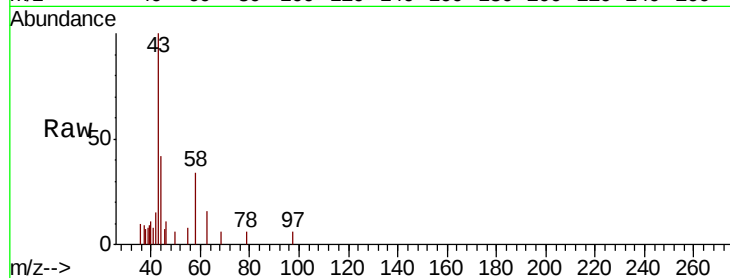
BF647

Tgt Ion: 43 Resp: 2839

Ion Ratio Lower Upper

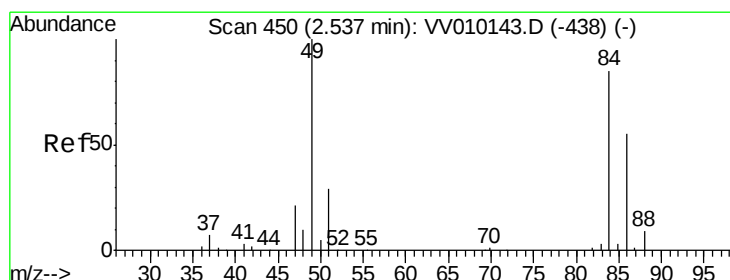
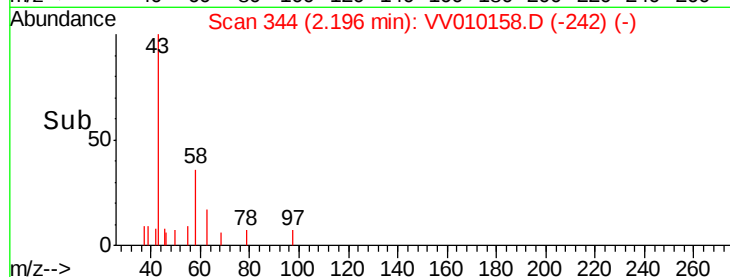
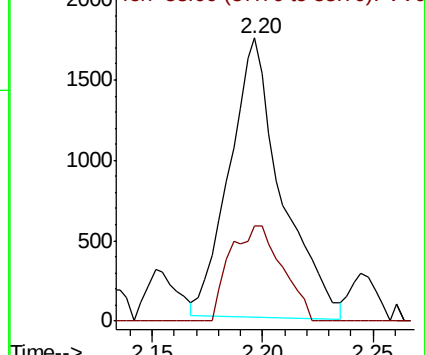
43 100

58 23.6 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) (-)



#16

Methylene chloride

Concen: 1.589 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010158.D

Acq: 06 Apr 2019 17:20

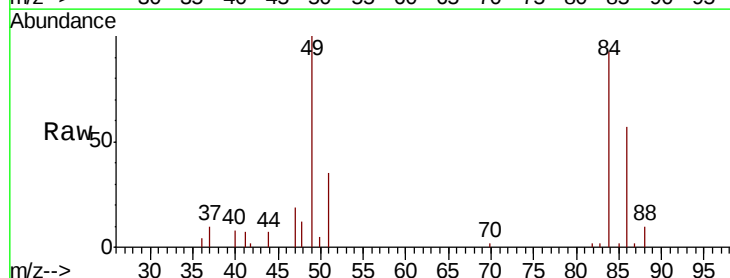
Tgt Ion: 84 Resp: 7558

Ion Ratio Lower Upper

84 100

49 107.5 84.3 156.5

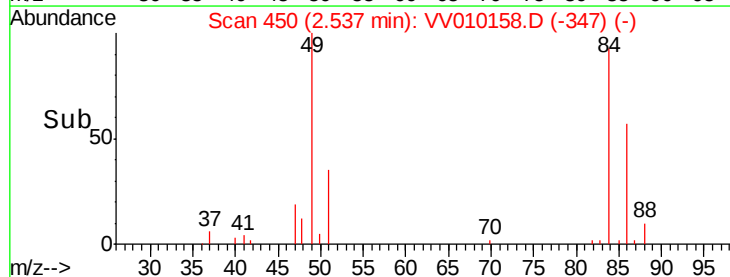
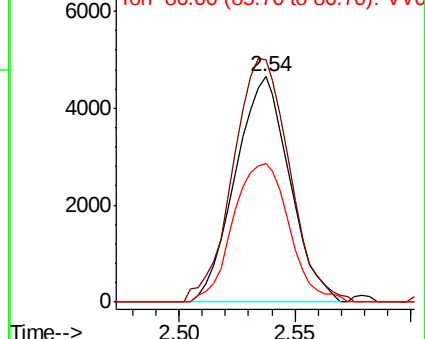
86 61.4 45.4 84.2

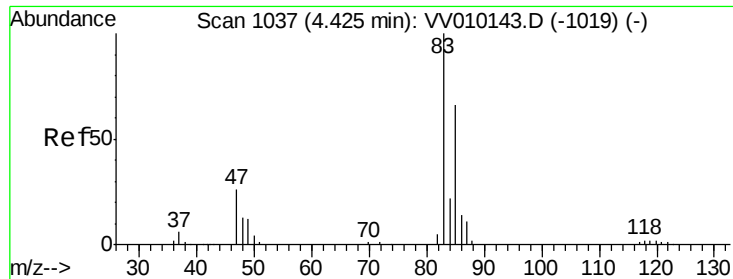


Abundance Ion 84.00 (83.70 to 84.70): VV010143.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010143.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010143.D (-438) (-)

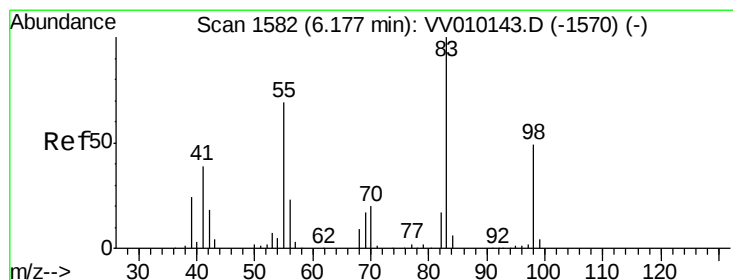
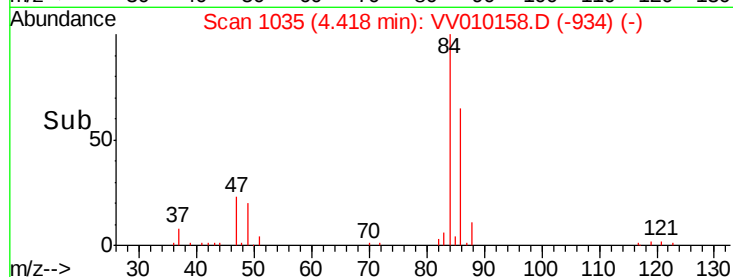
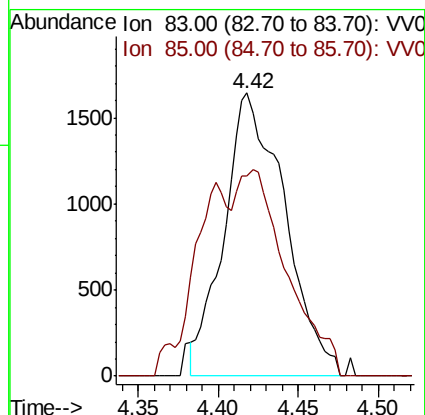
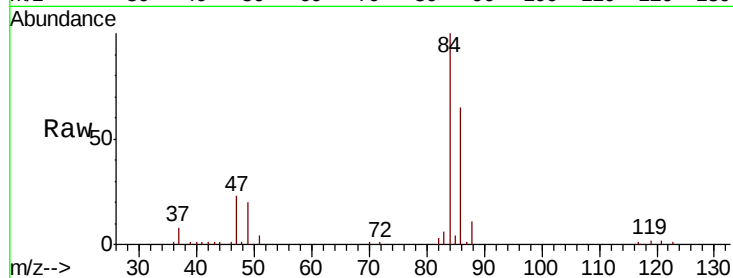




#25
Chloroform
Concen: 0.694 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010158.D
Acq: 06 Apr 2019 17:20

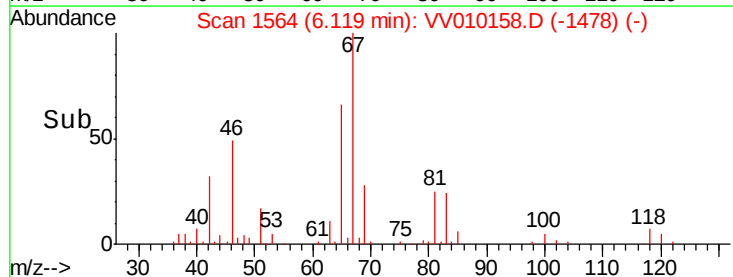
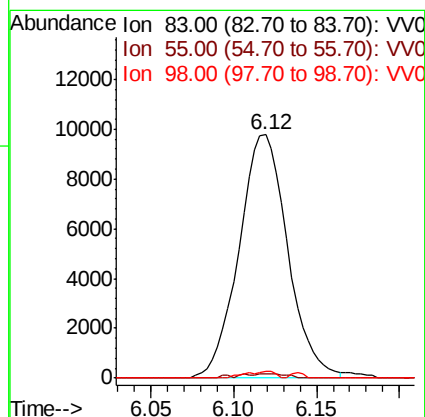
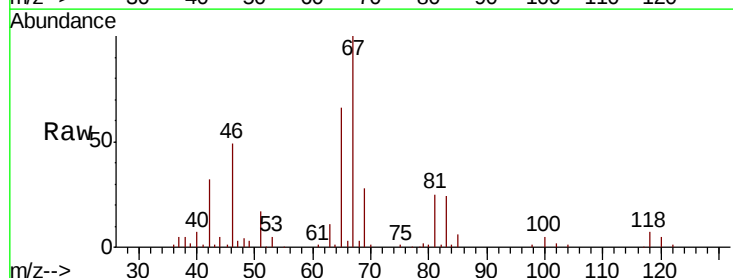
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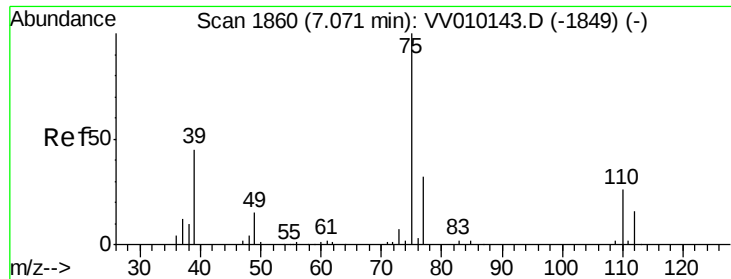
Tgt Ion: 83 Resp: 4271
Ion Ratio Lower Upper
83 100
85 45.7 46.4 86.2#



#36
Methylcyclohexane
Concen: 3.670 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010158.D
Acq: 06 Apr 2019 17:20

Tgt Ion: 83 Resp: 19995
Ion Ratio Lower Upper
83 100
55 0.9 56.3 84.5#
98 0.9 39.0 58.6#





#42
 cis-1,3-Dichloropropene
 Concen: 0.610 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010158.D
 Acq: 06 Apr 2019 17:20

Instrument :
 MSVOA_V
 ClientSampleId :
 BF647

Tgt Ion: 75 Resp: 2820
 Ion Ratio Lower Upper
 75 100
 77 38.4 22.1 41.1

