

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010160.D
 Acq On : 06 Apr 2019 18:12
 Operator : SY/MD
 Sample : K2168-07
 Misc : 5.23G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF657

Quant Time: Apr 07 00:54:15 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	5.67	114	286270	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	268664	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121280	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57846	15.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.36%
7) Chloroethane-d5	1.57	69	64481	13.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.20%
10) 1,1-Dichloroethene-d2	2.13	63	129233	13.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.48%
20) 2-Butanone-d5	3.94	46	39377	36.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.22%
24) Chloroform-d	4.40	84	157065	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	5.08	65	87355	21.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.60%
29) Benzene-d6	5.10	84	311309	22.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.36%
33) 1,2-Dichloropropane-d6	6.12	67	98640	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.96%
37) Toluene-d8	7.36	98	287356	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	7.66	79	34055	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.52%
39) 2-Hexanone-d5	8.14	63	29145	35.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	78219	19.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	108336	22.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.72%

Target Compounds

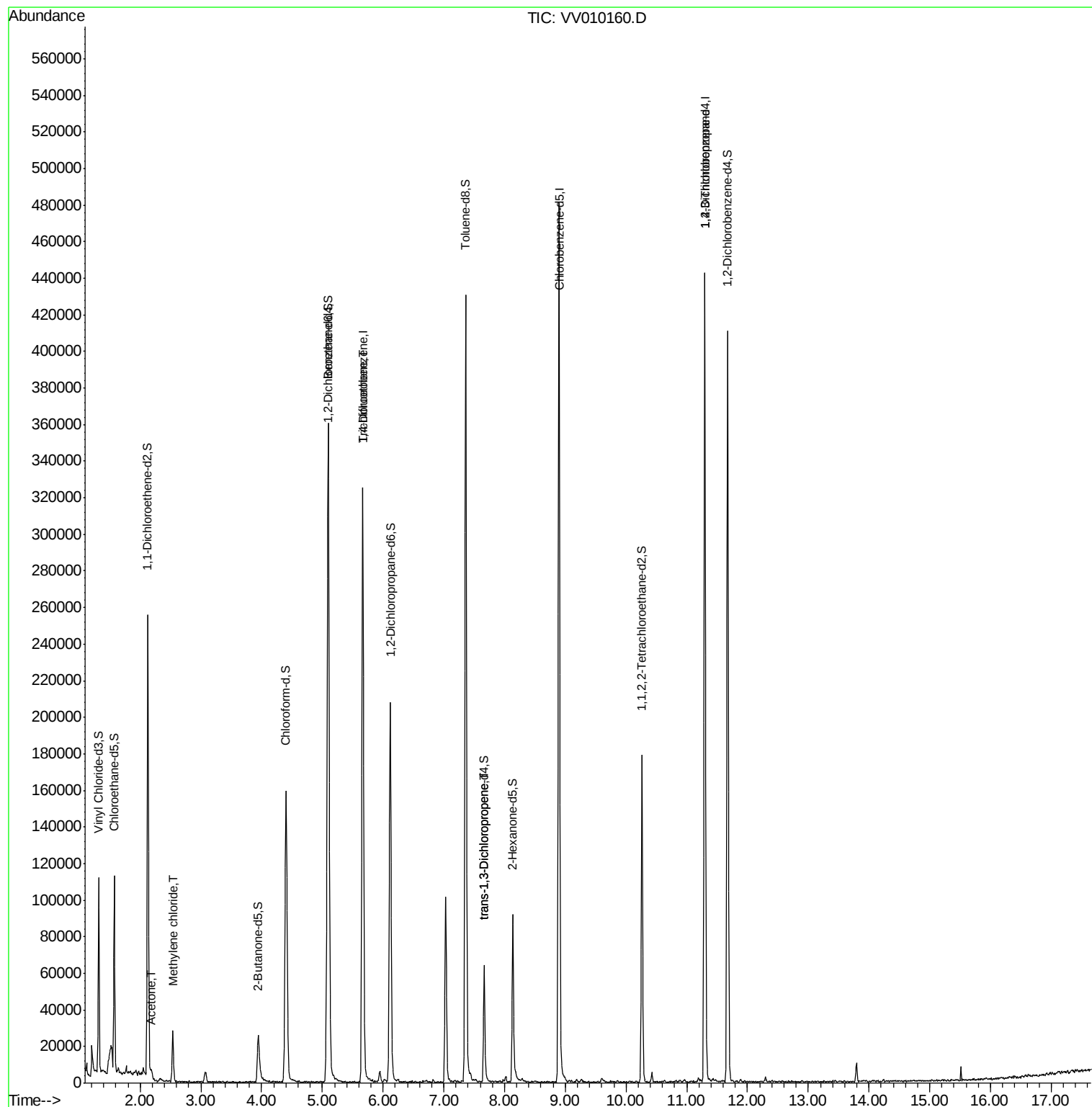
					Qvalue
13) Acetone	2.20	43	3456	3.205 ug/L	92
16) Methylene chloride	2.54	84	11493	2.285 ug/L	91
35) Trichloroethene	5.66	95	8321	2.200 ug/L #	3
45) trans-1,3-Dichloropropene	7.66	75	2016	0.493 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	14857	5.480 ug/L	89

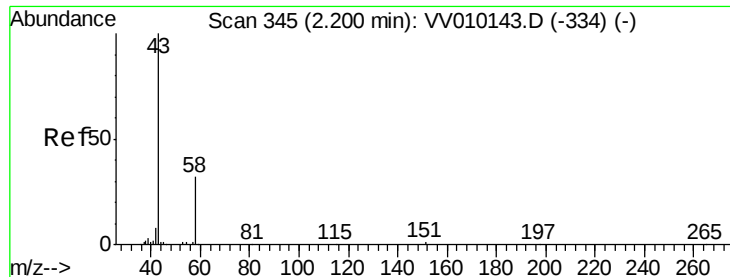
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.205 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV010160.D

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ClientSampleId :

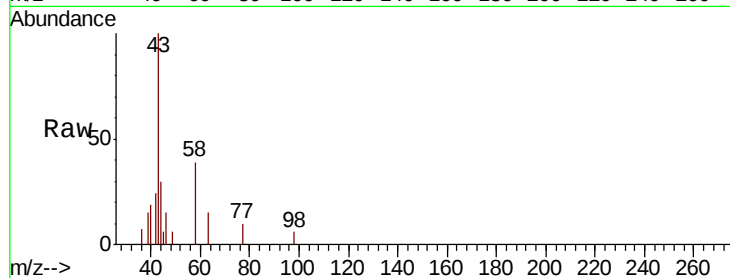
BF657

Tgt Ion: 43 Resp: 3456

Ion Ratio Lower Upper

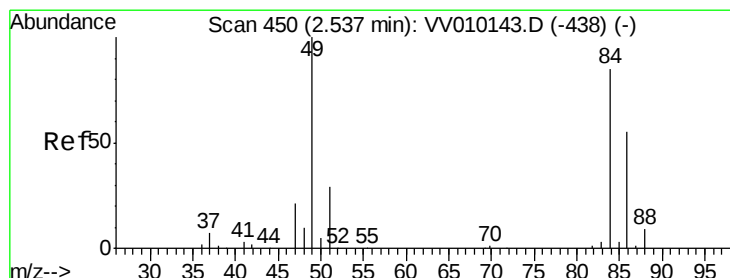
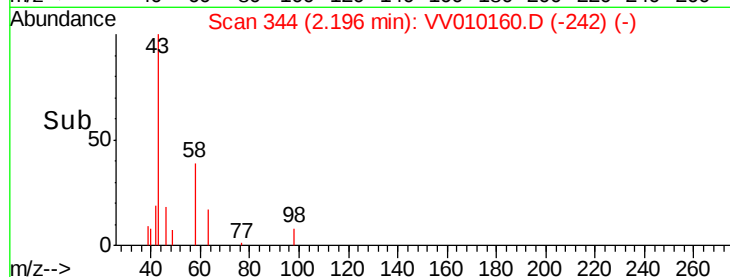
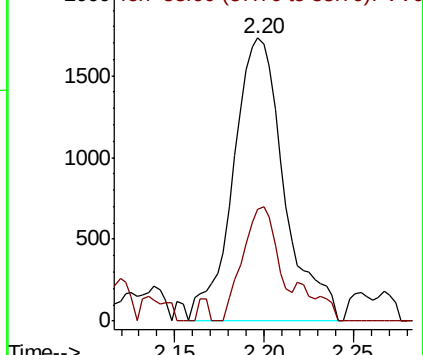
43 100

58 27.7 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: 2.285 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010160.D

Acq: 06 Apr 2019 18:12

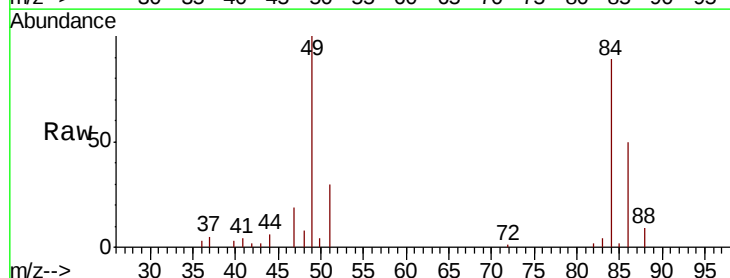
Tgt Ion: 84 Resp: 11493

Ion Ratio Lower Upper

84 100

49 112.6 84.3 156.5

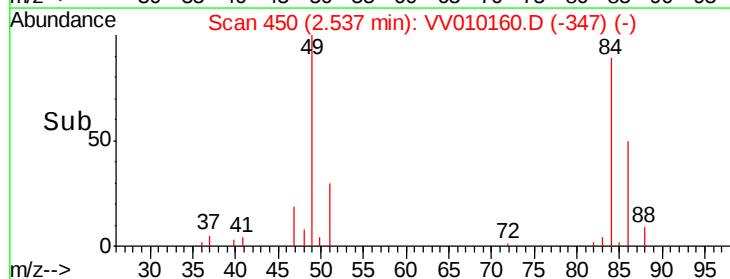
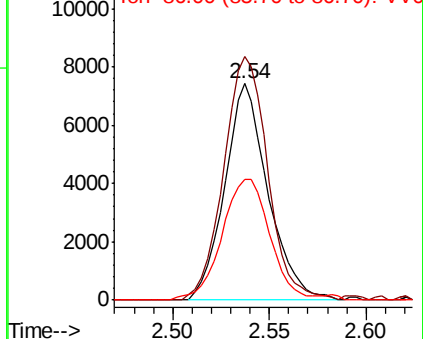
86 55.9 45.4 84.2

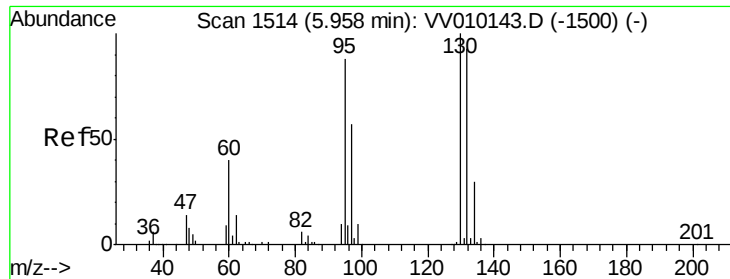


Abundance Ion 84.00 (83.70 to 84.70): VV010143.D (-438) (-)

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

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

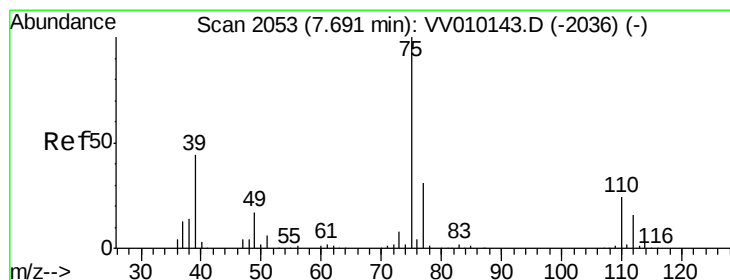
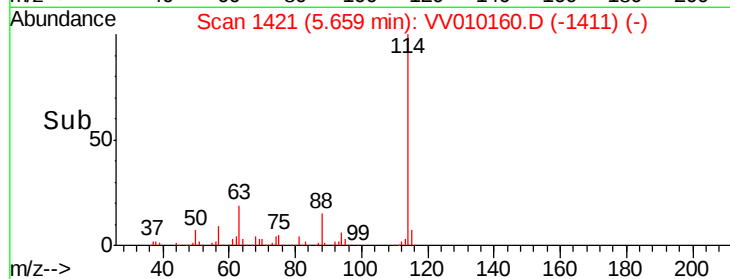
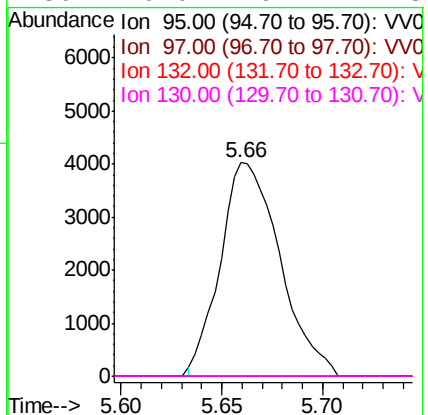
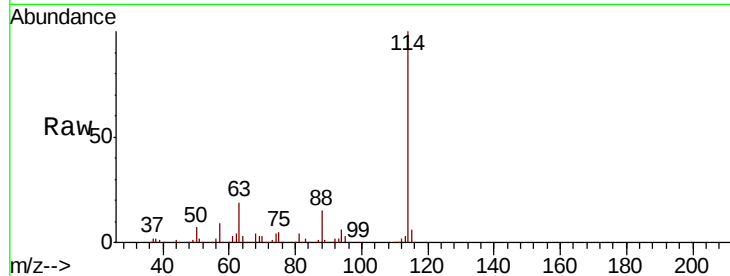




#35
 Trichloroethene
 Concen: 2.200 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV010160.D
 Acq: 06 Apr 2019 18:12

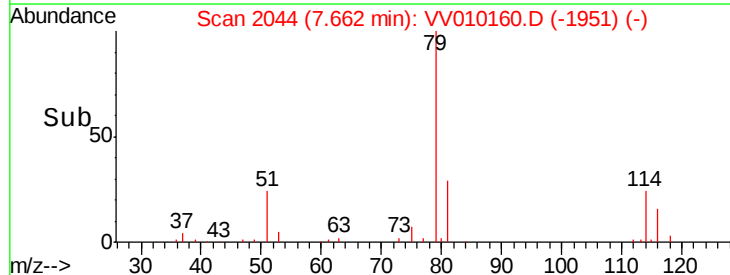
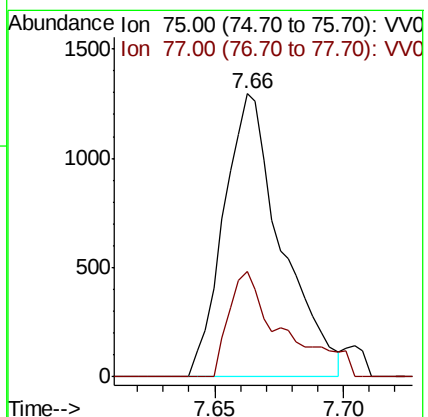
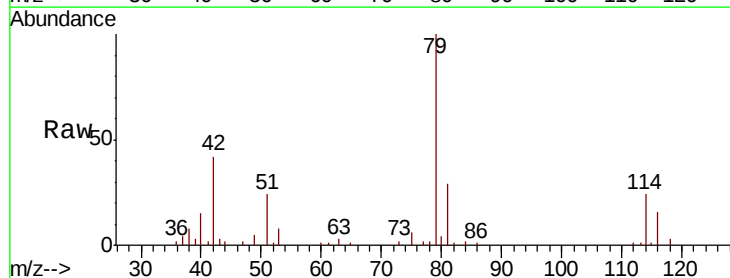
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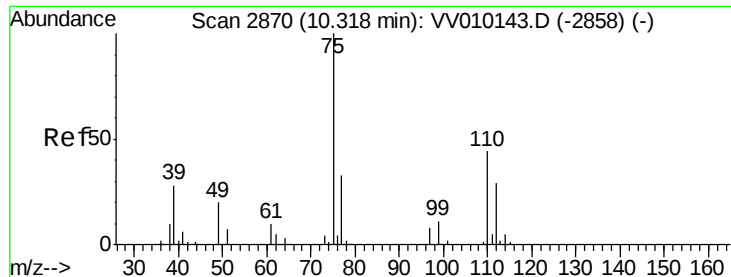
Tgt Ion: 95 Resp: 8321
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.8 85.2#
 132 0.0 70.6 131.0#
 130 0.0 76.1 141.3#



#45
 trans-1,3-Dichloropropene
 Concen: 0.493 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV010160.D
 Acq: 06 Apr 2019 18:12

Tgt Ion: 75 Resp: 2016
 Ion Ratio Lower Upper
 75 100
 77 37.1 23.5 43.7





#59

1,2,3-Trichloropropane

Concen: 5.480 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010160.D

Acq: 06 Apr 2019 18:12

Instrument :

MSVOA_V

ClientSampleId :

BF657

Tgt Ion: 75 Resp: 14857

Ion Ratio Lower Upper

75 100

77 38.4 25.8 38.8

