

Data File : VV009086.D
Acq On : 20 Dec 2018 16:12
Operator : SY/MD
Sample : VIBLK70
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK70

Quant Time: Dec 21 00:29:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	222970	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195902	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79988	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	49970	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
7) Chloroethane-d5	1.58	69	50655	29.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.88%
10) 1,1-Dichloroethene-d2	2.13	63	98039	16.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.96%
20) 2-Butanone-d5	3.93	46	47833	56.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.88%
24) Chloroform-d	4.40	84	128689	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.08	65	77112	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.44%
29) Benzene-d6	5.10	84	254697	23.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.12%
33) 1,2-Dichloropropane-d6	6.12	67	77068	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.64%
37) Toluene-d8	7.36	98	232852	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	7.66	79	32276	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	8.14	63	26645	47.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58917	22.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	73005	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

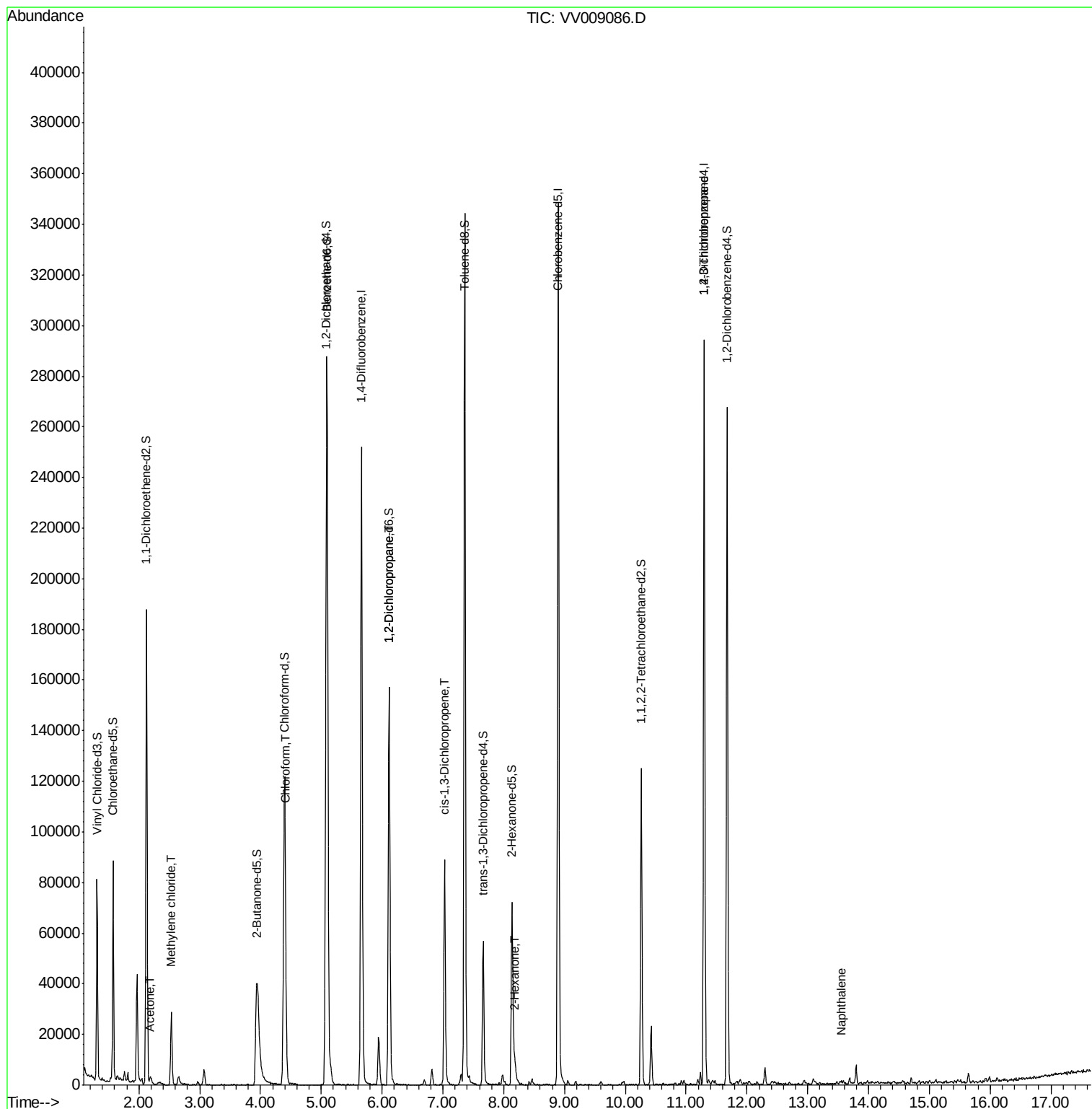
					Qvalue
13) Acetone	2.20	43	3308	2.673 ug/L	66
16) Methylene chloride	2.53	84	12090	3.220 ug/L	98
25) Chloroform	4.42	83	4321	0.800 ug/L #	72
40) 1,2-Dichloropropane	6.12	63	8279	2.939 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2390	0.580 ug/L #	66
49) 2-Hexanone	8.19	43	4731	3.004 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	8530	3.885 ug/L	91
69) Naphthalene	13.56	128	1167	0.260 ug/L #	86

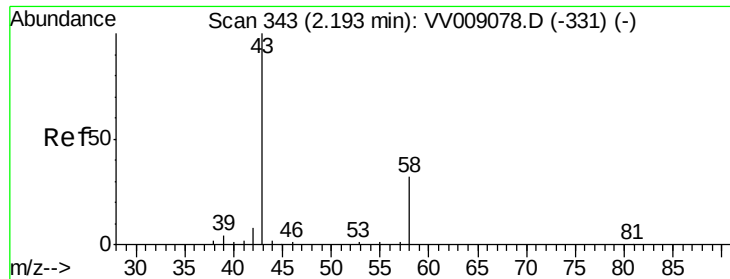
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.673 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV009086.D

Acq: 20 Dec 2018 16:12

Instrument :

MSVOA_V

ClientSampleId :

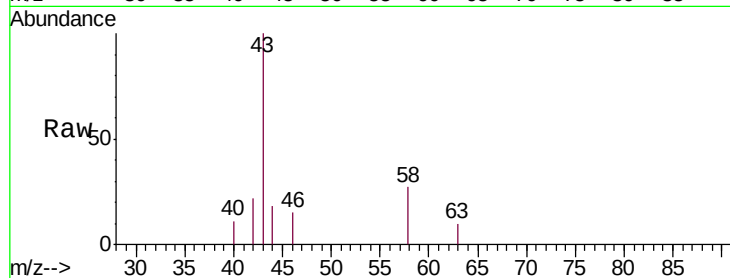
VIBLK70

Tgt Ion: 43 Resp: 3308

Ion Ratio Lower Upper

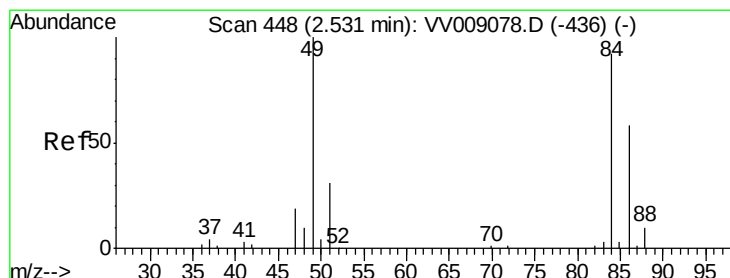
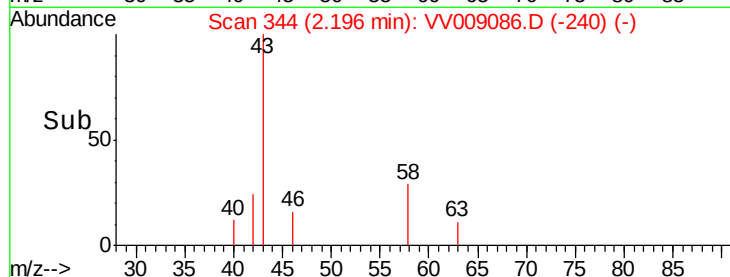
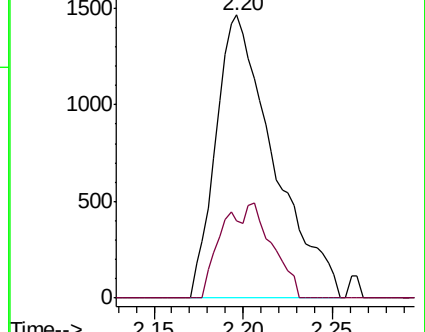
43 100

58 13.7 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009078.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009078.D (-331) (-)



#16

Methylene chloride

Concen: 3.220 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009086.D

Acq: 20 Dec 2018 16:12

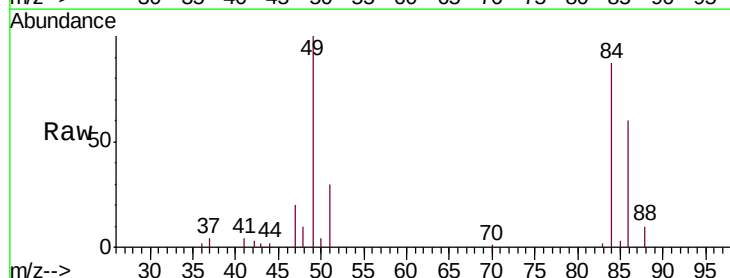
Tgt Ion: 84 Resp: 12090

Ion Ratio Lower Upper

84 100

49 114.3 80.5 149.5

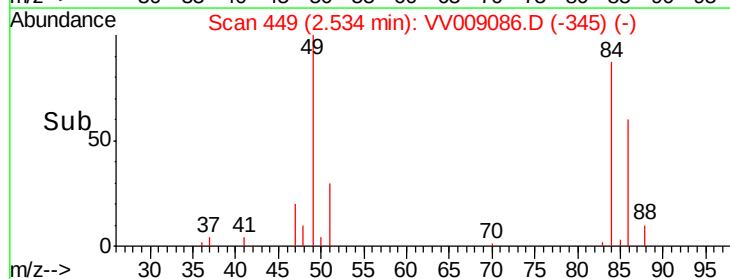
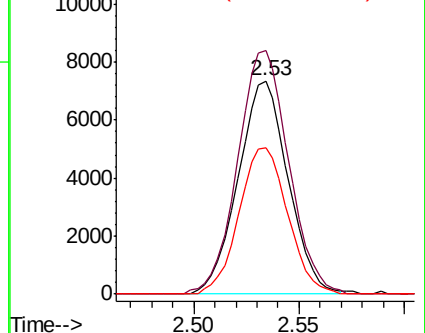
86 68.6 45.5 84.5

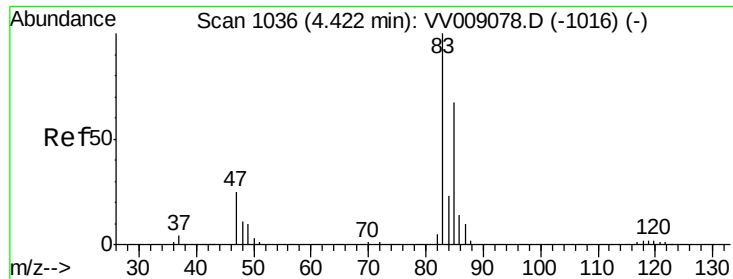


Abundance Ion 84.00 (83.70 to 84.70): VV009078.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009078.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009078.D (-436) (-)

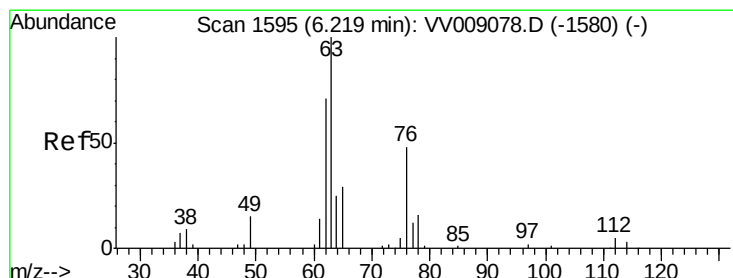
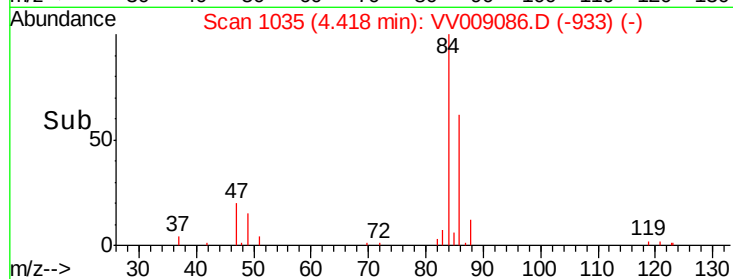
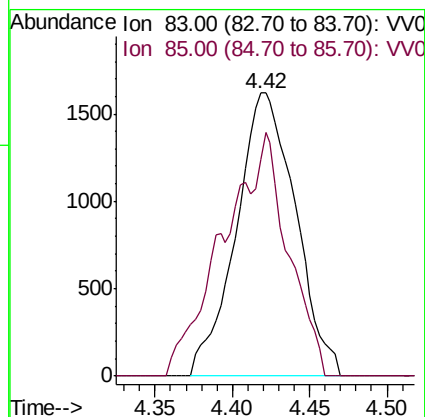
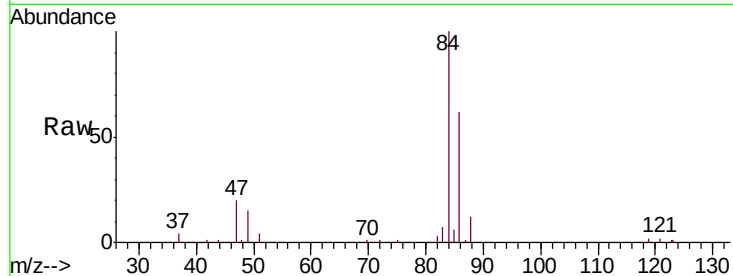




#25
Chloroform
Concen: 0.800 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV009086.D
Acq: 20 Dec 2018 16:12

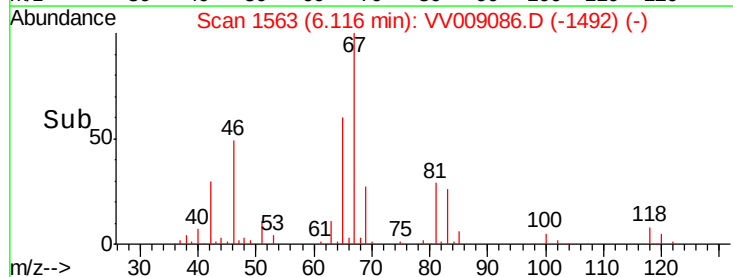
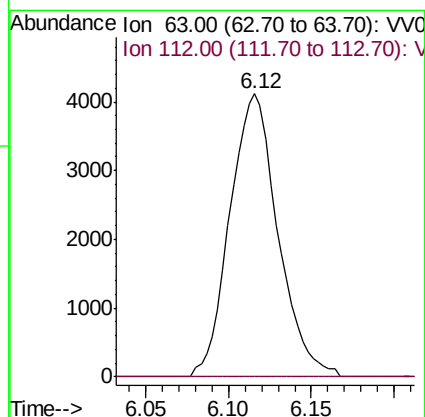
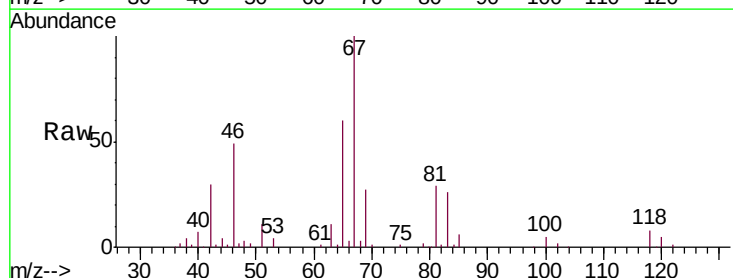
Instrument :
MSVOA_V
ClientSampleId :
VIBLK70

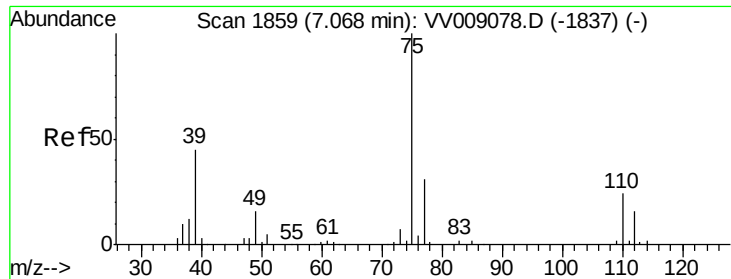
Tgt Ion: 83 Resp: 4321
Ion Ratio Lower Upper
83 100
85 42.9 45.6 84.8#



#40
1,2-Dichloropropane
Concen: 2.939 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009086.D
Acq: 20 Dec 2018 16:12

Tgt Ion: 63 Resp: 8279
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



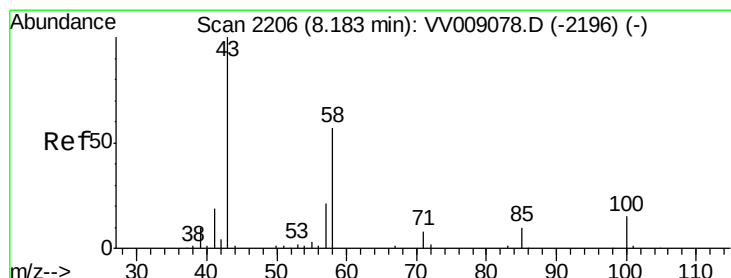
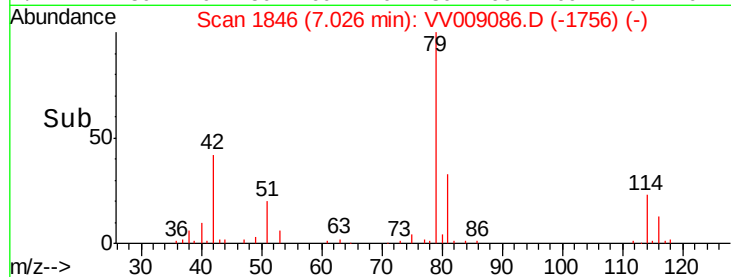
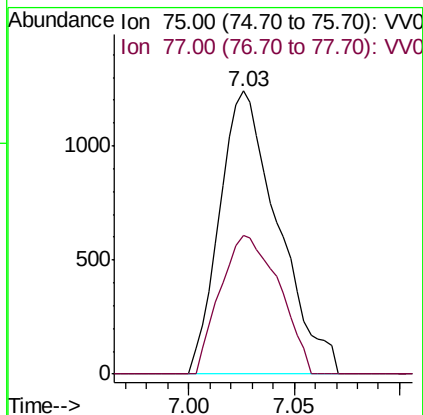
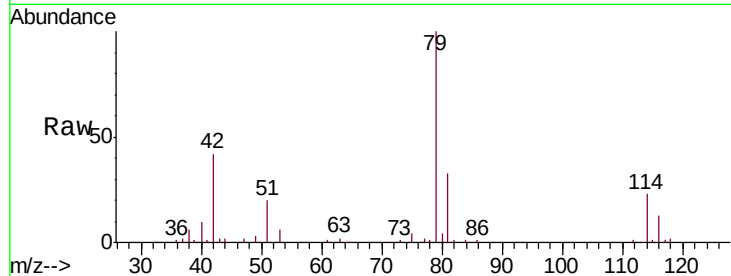


#42

cis-1,3-Dichloropropene
 Concen: 0.580 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV009086.D
 Acq: 20 Dec 2018 16:12

Instrument :
 MSVOA_V
 ClientSampled :
 VIBLK70

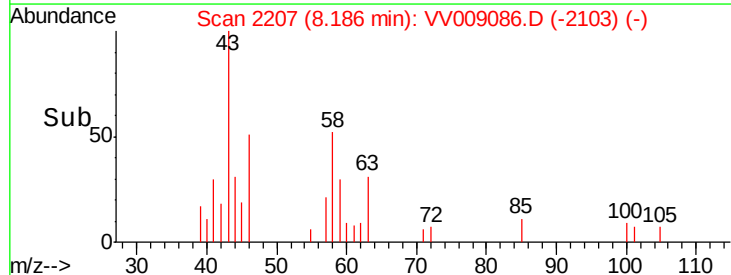
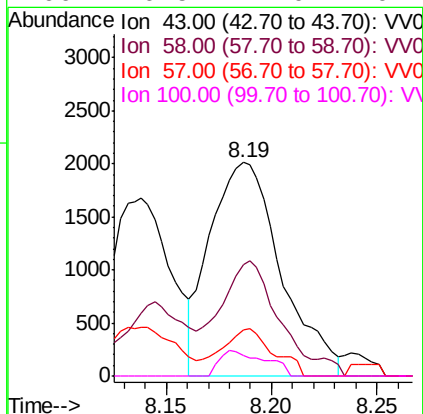
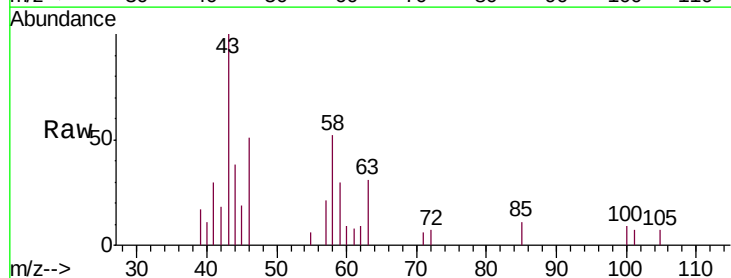
Tgt Ion: 75 Resp: 2390
 Ion Ratio Lower Upper
 75 100
 77 49.0 21.3 39.6#

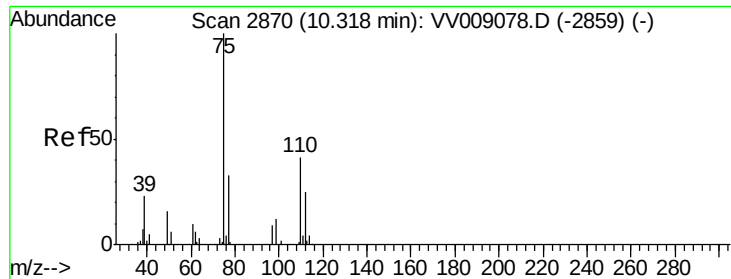


#49

2-Hexanone
 Concen: 3.004 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV009086.D
 Acq: 20 Dec 2018 16:12

Tgt Ion: 43 Resp: 4731
 Ion Ratio Lower Upper
 43 100
 58 32.6 43.9 65.9#
 57 7.2 15.7 23.5#
 100 6.5 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 3.885 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009086.D

Acq: 20 Dec 2018 16:12

Instrument :

MSVOA_V

ClientSampleId :

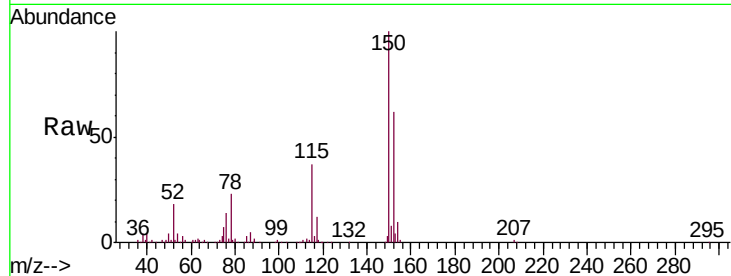
VIBLK70

Tgt Ion: 75 Resp: 8530

Ion Ratio Lower Upper

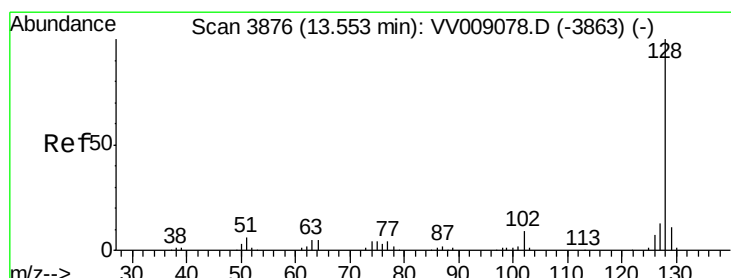
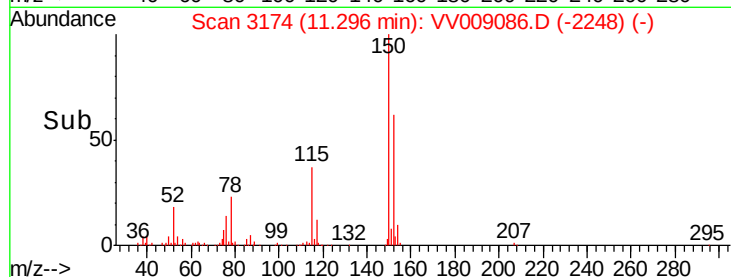
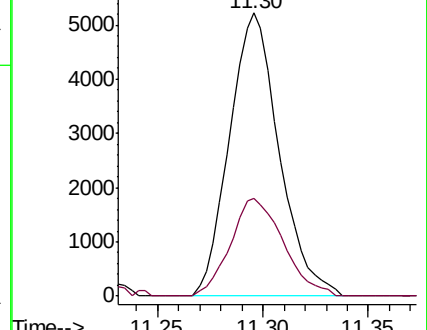
75 100

77 36.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV009078.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV009078.D (-2859) (-)



#69

Naphthalene

Concen: 0.260 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

Lab File: VV009086.D

Acq: 20 Dec 2018 16:12

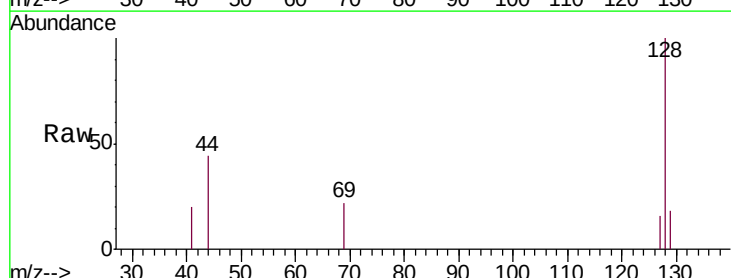
Tgt Ion: 128 Resp: 1167

Ion Ratio Lower Upper

128 100

129 8.9 8.6 13.0

127 3.7 10.0 15.0#



Abundance Ion 128.00 (127.70 to 128.70): VV009078.D (-3863) (-)

Ion 129.00 (128.70 to 129.70): VV009078.D (-3863) (-)

Ion 127.00 (126.70 to 127.70): VV009078.D (-3863) (-)

