

Data File : VV009021.D
Acq On : 18 Dec 2018 18:28
Operator : SY/MD
Sample : J6418-10
Misc : 4.18G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF005

Quant Time: Dec 19 06:23:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	264066	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226366	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76682	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	70566	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
7) Chloroethane-d5	1.58	69	69821	34.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.36%
10) 1,1-Dichloroethene-d2	2.13	63	150557	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.16%
20) 2-Butanone-d5	4.19	46	181	0.18	ug/L	0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.36%#
24) Chloroform-d	4.40	84	170567	26.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.48%
26) 1,2-Dichloroethane-d4	5.08	65	97248	28.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.28%
29) Benzene-d6	5.10	84	344867	27.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.12%
33) 1,2-Dichloropropane-d6	6.12	67	102217	28.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.52%
37) Toluene-d8	7.36	98	306577	26.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.80%
38) trans-1,3-Dichloropropene-	7.66	79	38952	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.20%
39) 2-Hexanone-d5	8.14	63	20149	31.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	65112	21.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.72%
61) 1,2-Dichlorobenzene-d4	11.68	152	75510	26.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.96%

Target Compounds

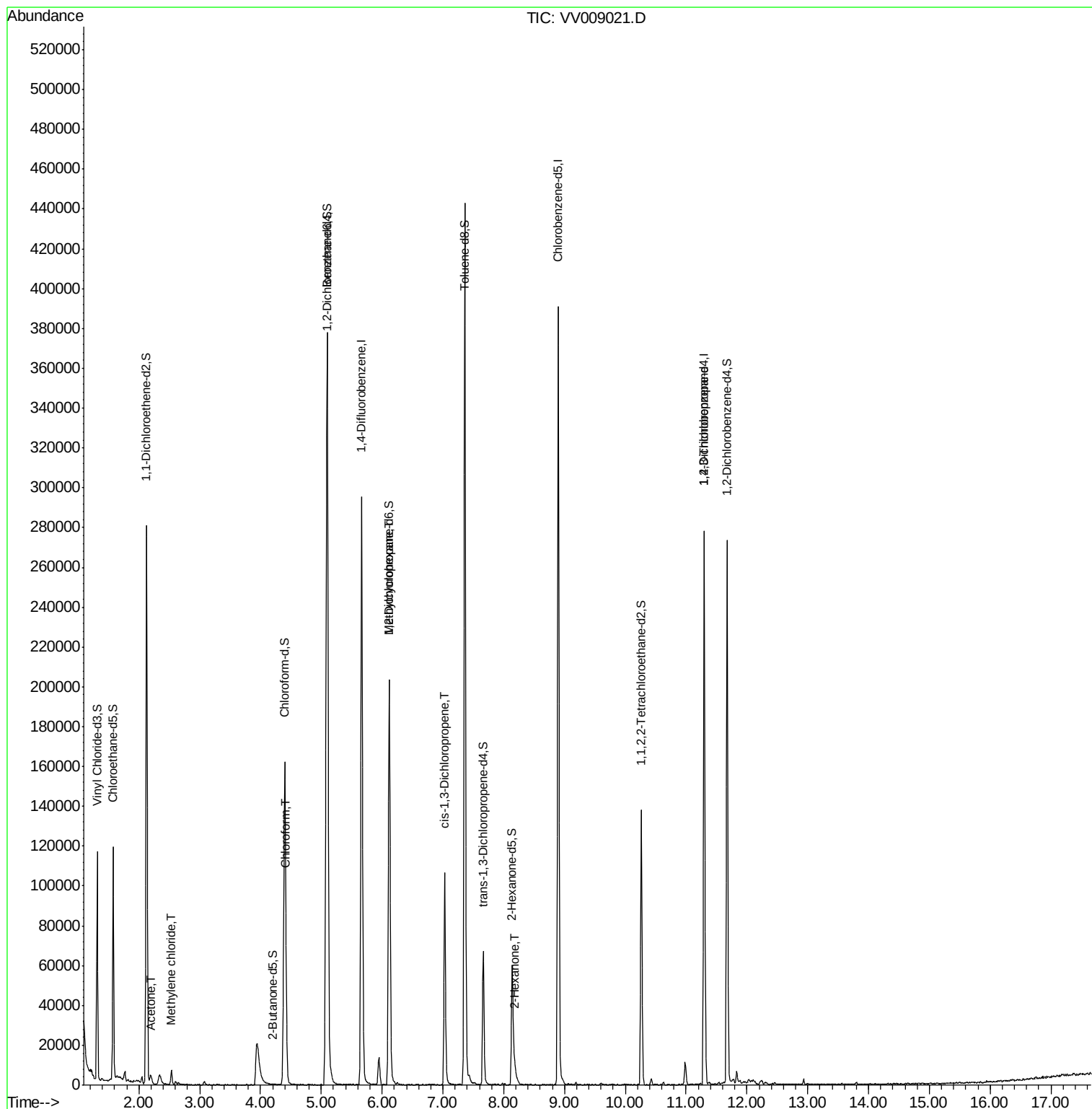
						Qvalue
13) Acetone	2.20	43	4020	2.743	ug/L	93
16) Methylene chloride	2.53	84	3529	0.794	ug/L	90
25) Chloroform	4.43	83	3873	0.605	ug/L	93
36) Methylcyclohexane	6.12	83	25314	3.882	ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	2737	0.574	ug/L #	54
49) 2-Hexanone	8.18	43	4417	2.427	ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	8714	3.435	ug/L	94

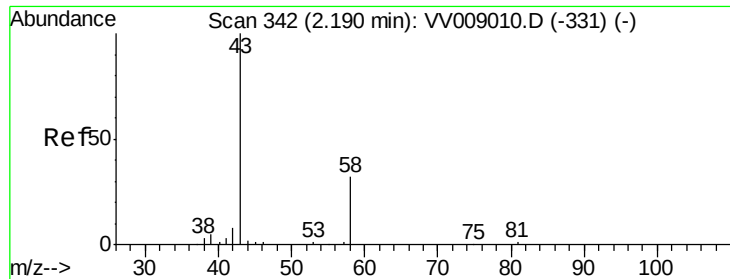
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.743 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV009021.D

Acq: 18 Dec 2018 18:28

Instrument :

MSVOA_V

ClientSampleId :

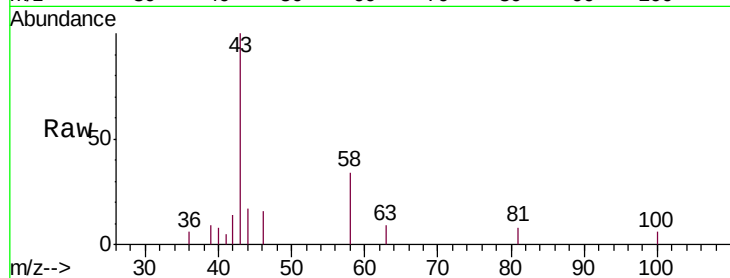
BF005

Tgt Ion: 43 Resp: 4020

Ion Ratio Lower Upper

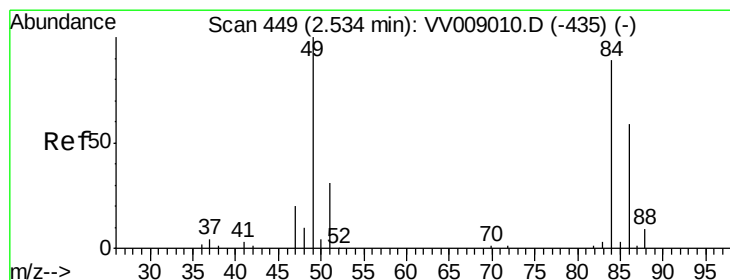
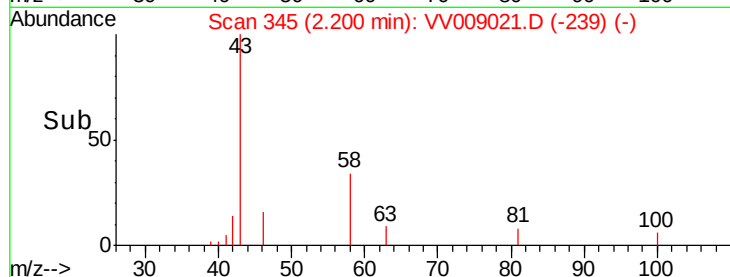
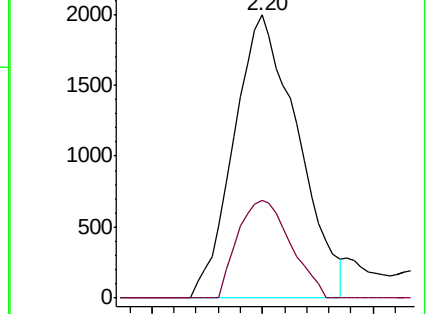
43 100

58 28.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009021.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV009021.D (-346) (-)



#16

Methylene chloride

Concen: 0.794 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009021.D

Acq: 18 Dec 2018 18:28

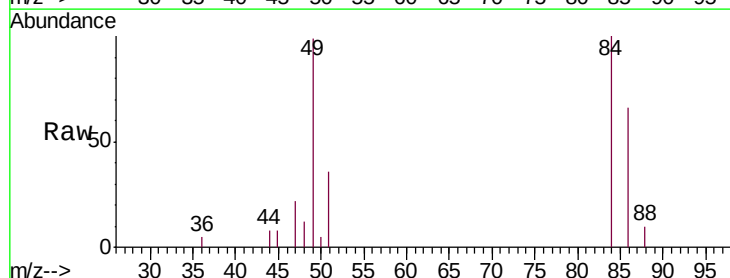
Tgt Ion: 84 Resp: 3529

Ion Ratio Lower Upper

84 100

49 99.4 80.5 149.5

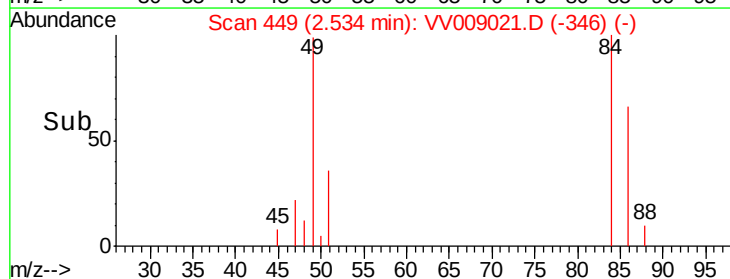
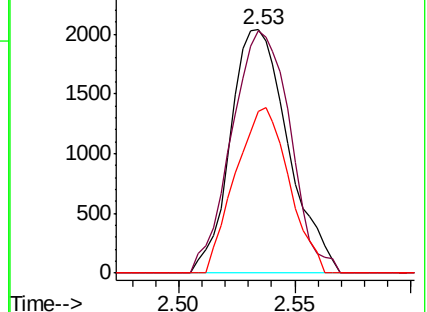
86 66.2 45.5 84.5

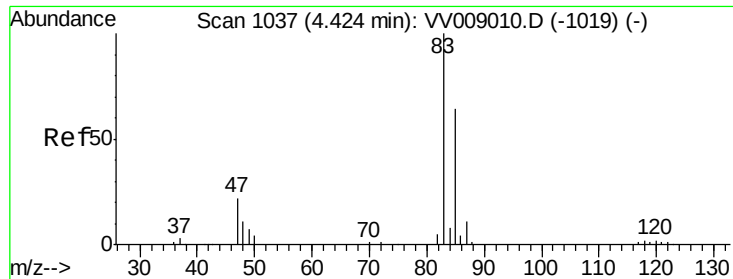


Abundance Ion 84.00 (83.70 to 84.70): VV009021.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV009021.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009021.D (-347) (-)

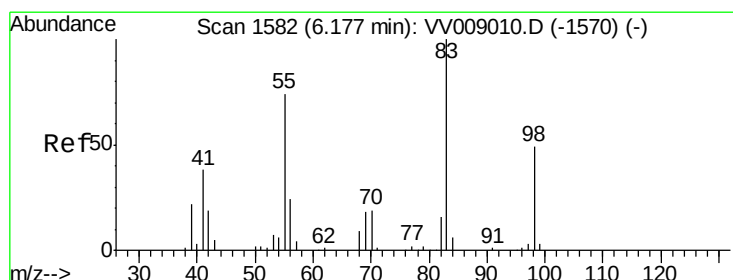
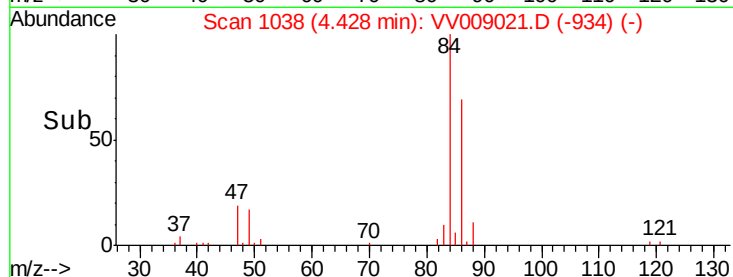
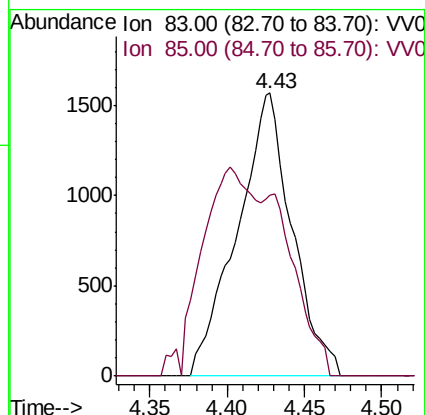
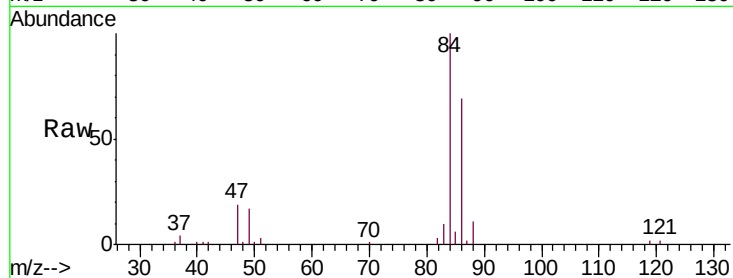




#25
Chloroform
Concen: 0.605 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009021.D
Acq: 18 Dec 2018 18:28

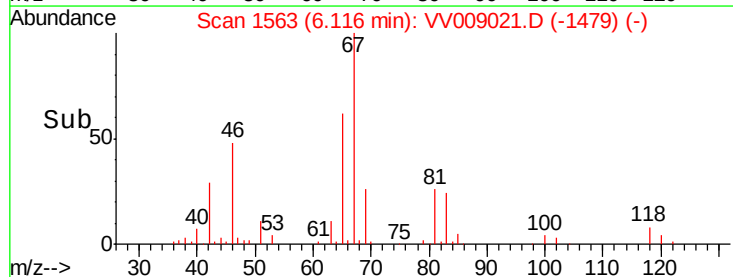
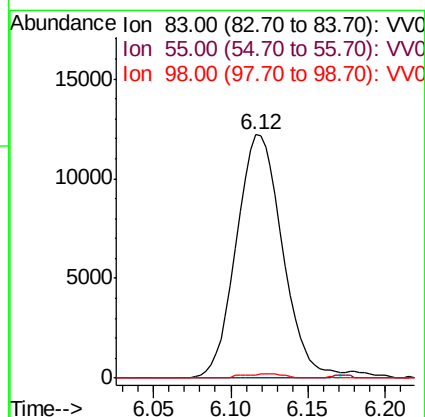
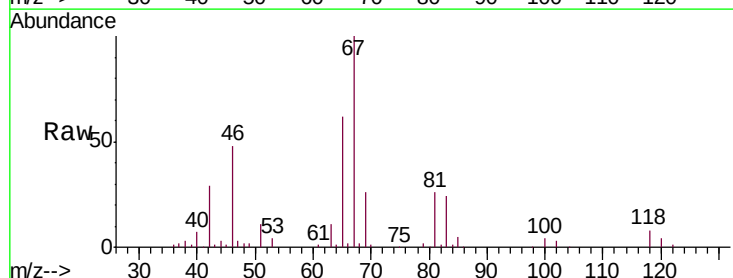
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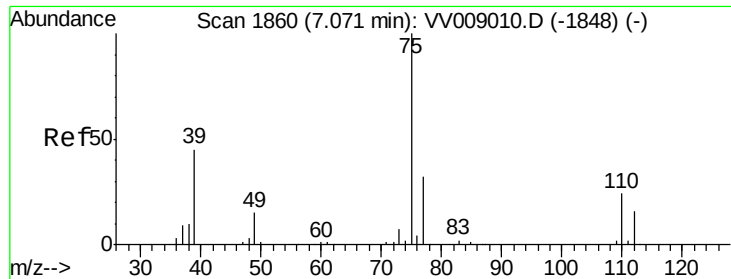
Tgt Ion: 83 Resp: 3873
Ion Ratio Lower Upper
83 100
85 70.9 45.6 84.8



#36
Methylcyclohexane
Concen: 3.882 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009021.D
Acq: 18 Dec 2018 18:28

Tgt Ion: 83 Resp: 25314
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.2#
98 0.4 37.8 56.8#



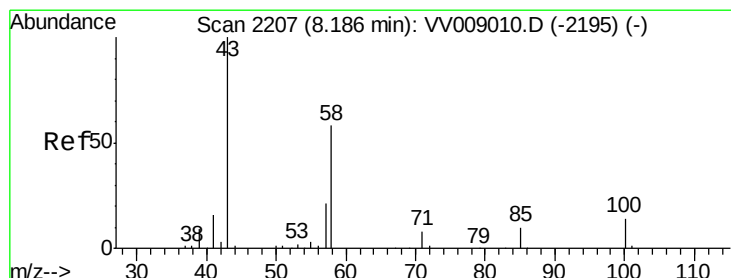
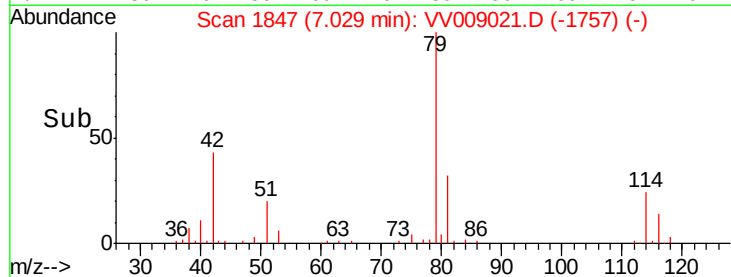
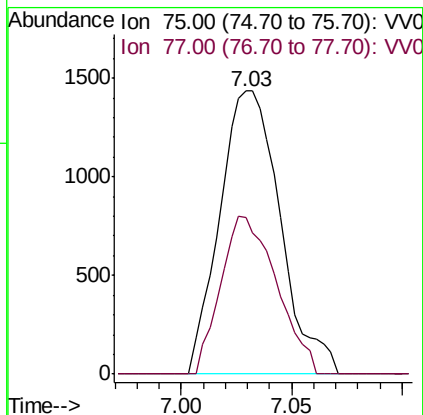
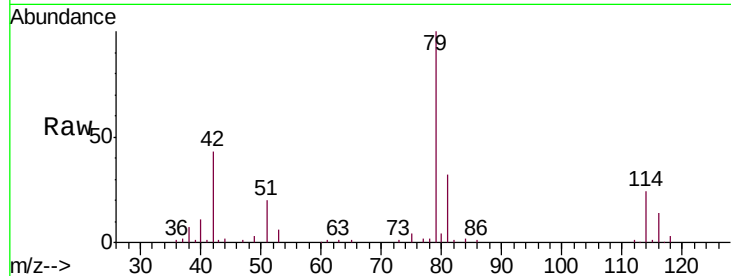


#42

cis-1,3-Dichloropropene
Concen: 0.574 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009021.D
Acq: 18 Dec 2018 18:28

Instrument :
MSVOA_V
ClientSampleId :
BF005

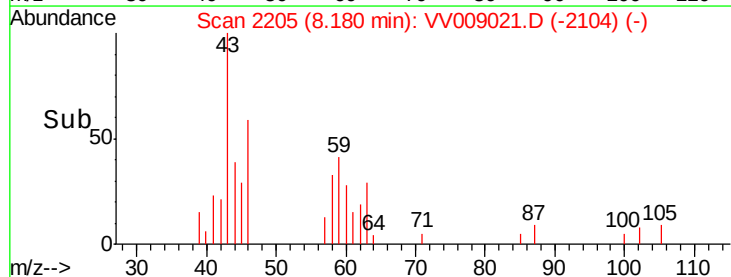
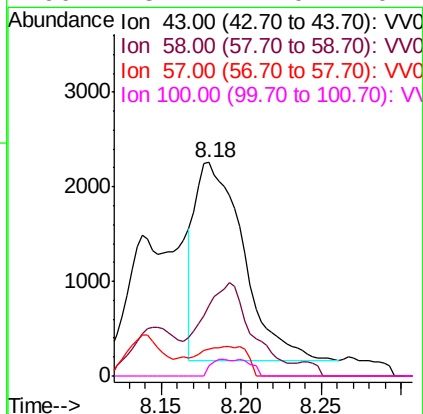
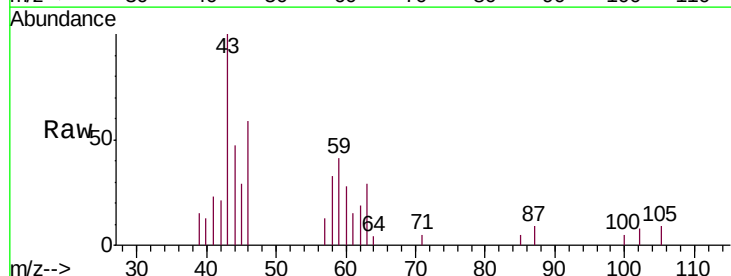
Tgt Ion: 75 Resp: 2737
Ion Ratio Lower Upper
75 100
77 55.4 21.3 39.6#

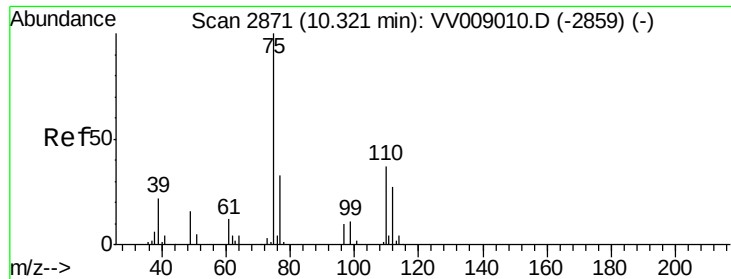


#49

2-Hexanone
Concen: 2.427 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV009021.D
Acq: 18 Dec 2018 18:28

Tgt Ion: 43 Resp: 4417
Ion Ratio Lower Upper
43 100
58 39.8 43.9 65.9#
57 3.4 15.7 23.5#
100 3.4 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 3.435 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009021.D

Acq: 18 Dec 2018 18:28

Instrument :

MSVOA_V

ClientSampleId :

BF005

Tgt Ion: 75 Resp: 8714

Ion Ratio Lower Upper

75 100

77 35.1 25.6 38.4

