

Data File : VV009111.D
Acq On : 21 Dec 2018 03:59
Operator : SY/MD
Sample : J6487-03
Misc : 5.67 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9H09

Quant Time: Dec 21 07:56:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	197934	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188607	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49616	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44972	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.84%
7) Chloroethane-d5	1.58	69	48807	32.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.00%
10) 1,1-Dichloroethene-d2	2.13	63	88167	17.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.88%
20) 2-Butanone-d5	3.94	46	19826	26.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.18%
24) Chloroform-d	4.40	84	129417	27.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.08	65	74884	28.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.36%
29) Benzene-d6	5.10	84	247676	23.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.04%
33) 1,2-Dichloropropane-d6	6.12	67	77151	26.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.64%
37) Toluene-d8	7.36	98	213016	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.40%
38) trans-1,3-Dichloropropene-	7.67	79	24200	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.72%
39) 2-Hexanone-d5	8.14	63	12976	24.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58335	23.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	49805	26.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.00%

Target Compounds

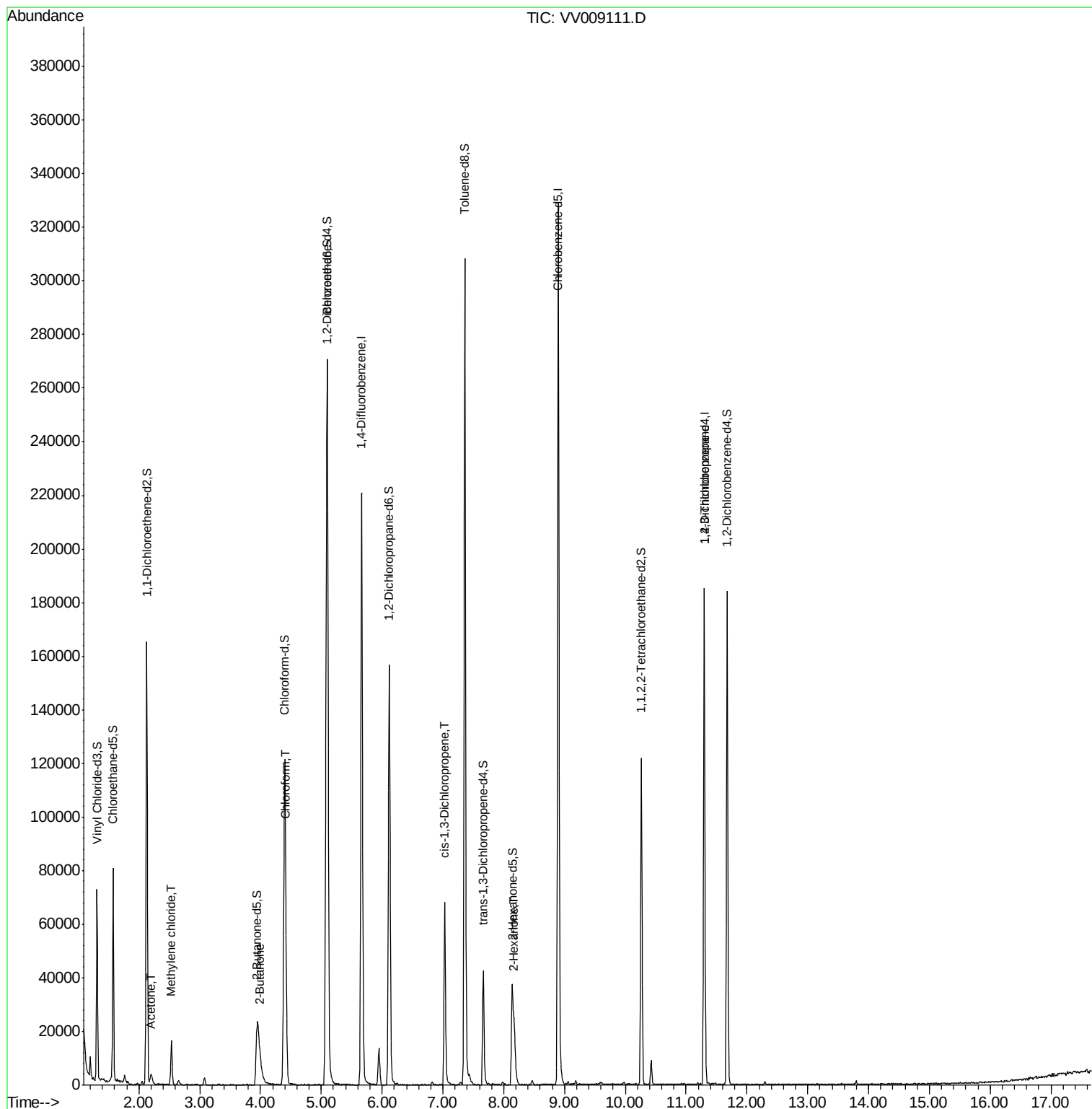
					Qvalue
13) Acetone	2.20	43	5193	4.726 ug/L	96
16) Methylene chloride	2.54	84	7569	2.271 ug/L	99
21) 2-Butanone	4.00	43	4758	4.620 ug/L #	50
25) Chloroform	4.42	83	3981	0.830 ug/L #	50
42) cis-1,3-Dichloropropene	7.03	75	1754	0.442 ug/L #	54
49) 2-Hexanone	8.17	43	15513	10.230 ug/L #	53
59) 1,2,3-Trichloropropane	11.30	75	5629	2.663 ug/L	93

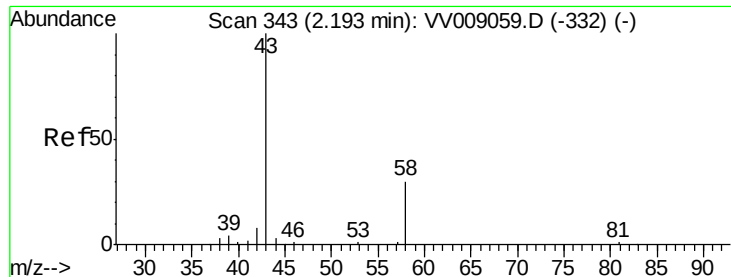
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.726 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

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Acq: 21 Dec 2018 03:59

Instrument :

MSVOA_V

ClientSampleId :

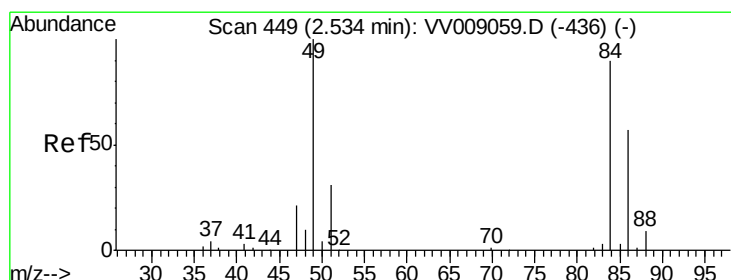
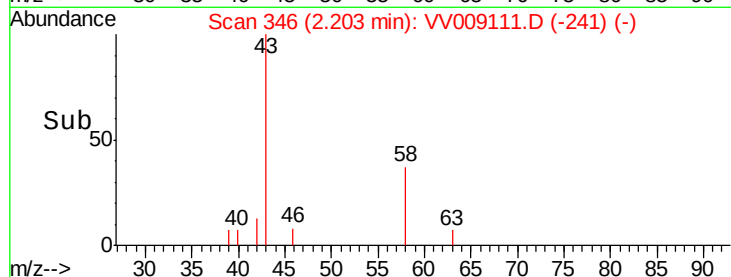
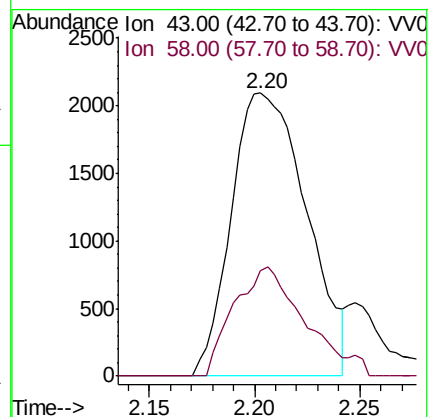
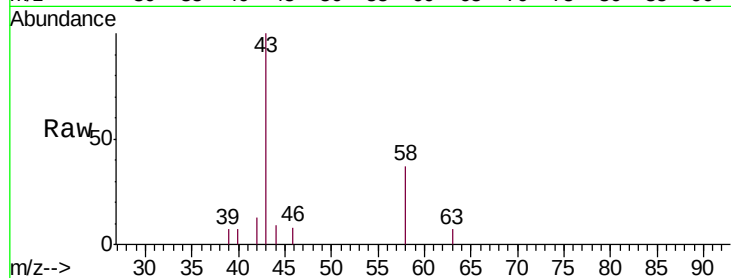
F9H09

Tgt Ion: 43 Resp: 5193

Ion Ratio Lower Upper

43 100

58 35.0 0.0 65.4



#16

Methylene chloride

Concen: 2.271 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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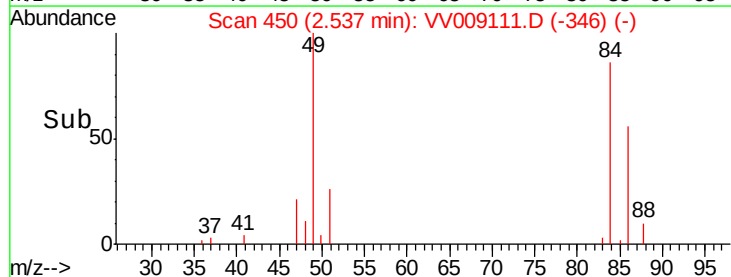
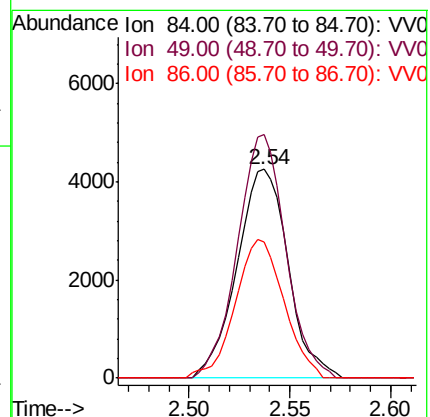
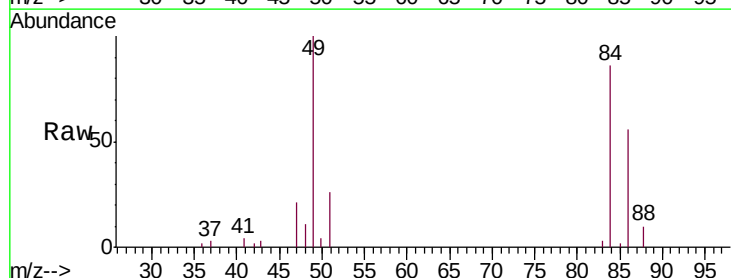
Tgt Ion: 84 Resp: 7569

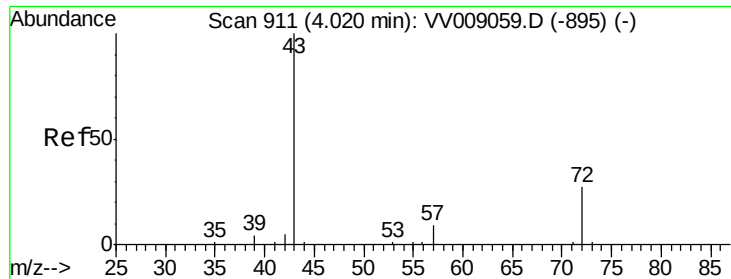
Ion Ratio Lower Upper

84 100

49 116.7 80.5 149.5

86 65.3 45.5 84.5





#21

2-Butanone

Concen: 4.620 ug/L

RT: 4.00 min Scan# 904

Delta R.T. -0.02 min

Lab File: VV009111.D

Acq: 21 Dec 2018 03:59

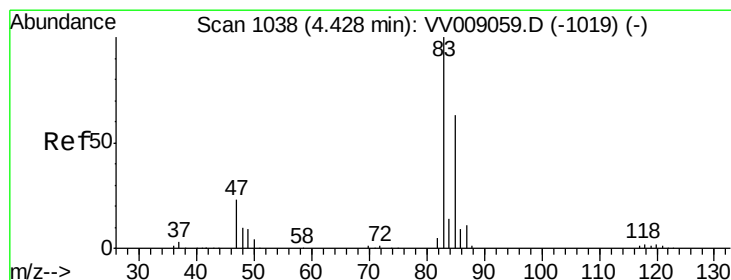
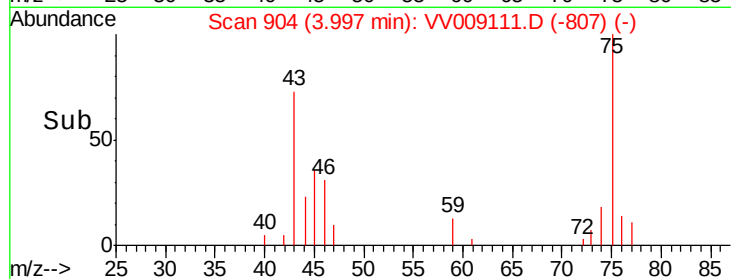
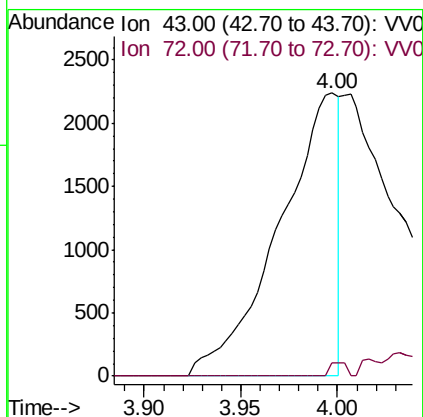
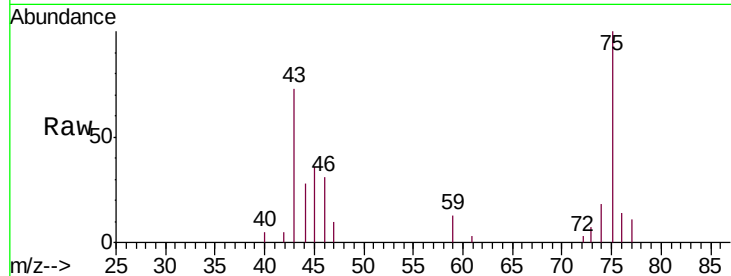
Instrument :
MSVOA_V
ClientSampled :
F9H09

Tgt Ion: 43 Resp: 4758

Ion Ratio Lower Upper

43 100

72 1.3 13.7 41.1#



#25

Chloroform

Concen: 0.830 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV009111.D

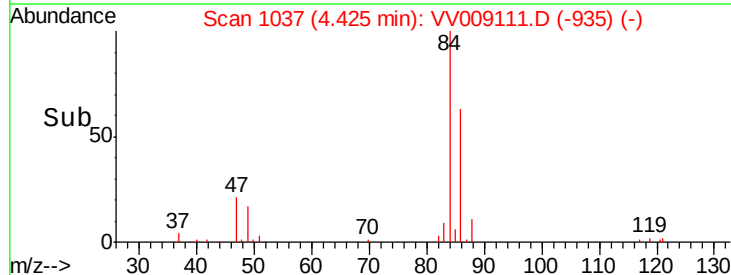
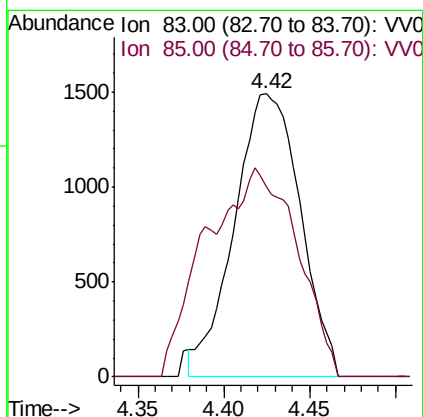
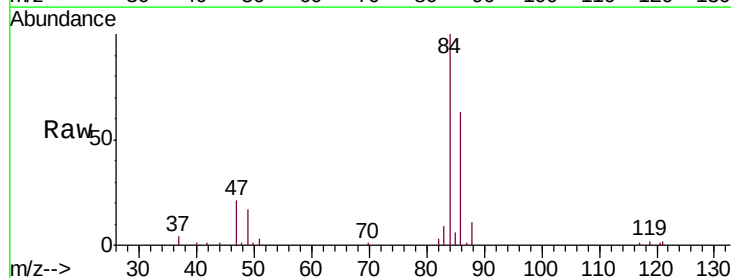
Acq: 21 Dec 2018 03:59

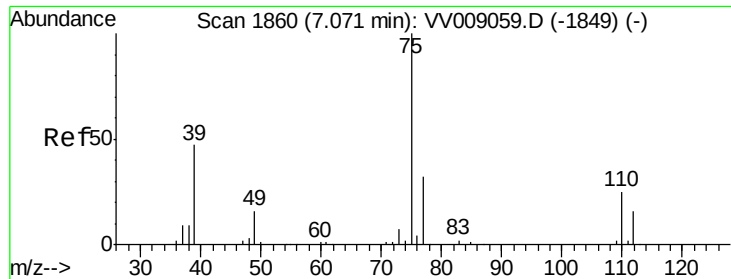
Tgt Ion: 83 Resp: 3981

Ion Ratio Lower Upper

83 100

85 25.3 45.6 84.8#



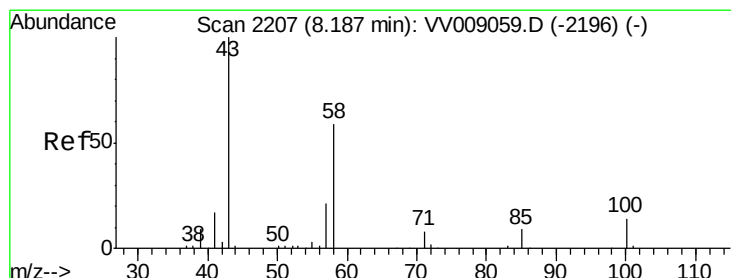
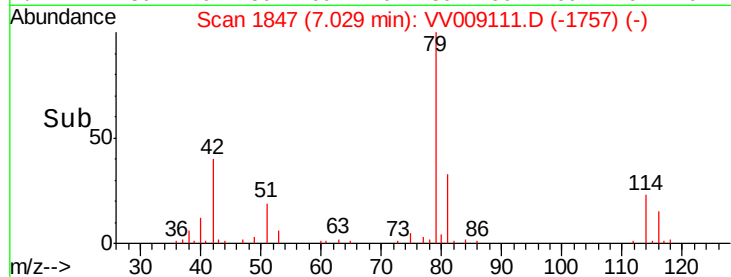
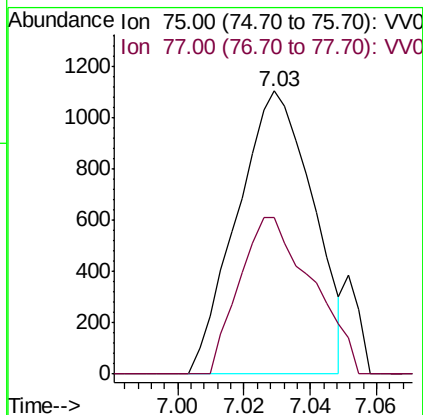
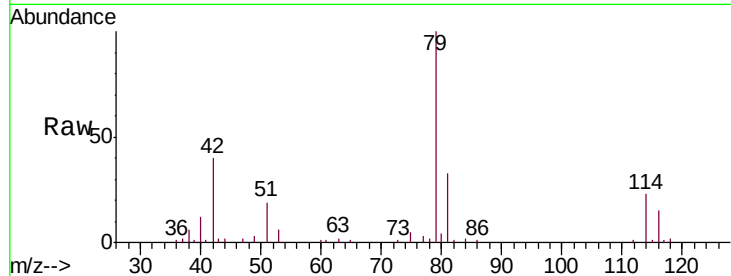


#42

cis-1,3-Dichloropropene
Concen: 0.442 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009111.D
Acq: 21 Dec 2018 03:59

Instrument :
MSVOA_V
ClientSampleId :
F9H09

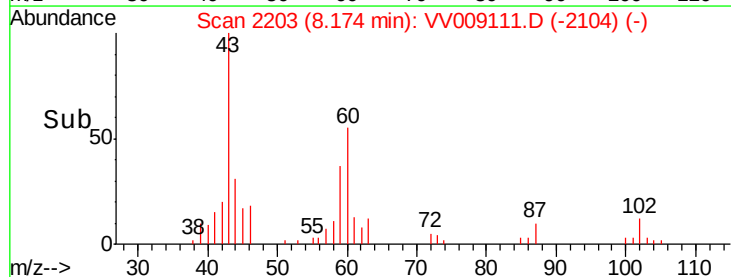
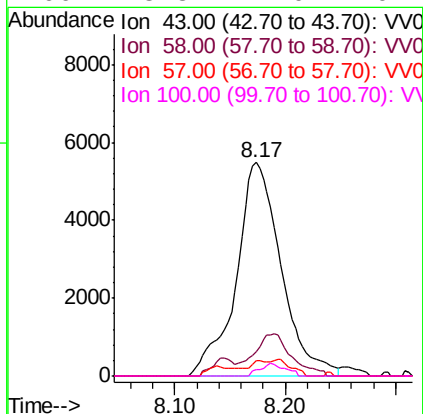
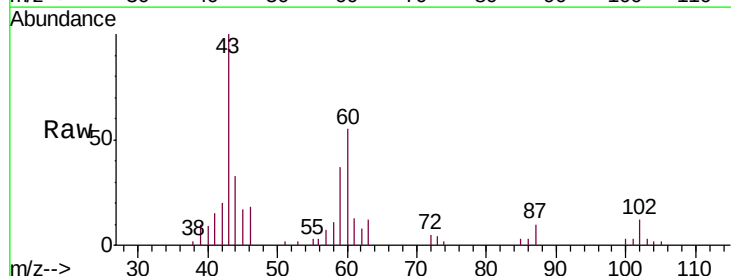
Tgt Ion: 75 Resp: 1754
Ion Ratio Lower Upper
75 100
77 55.4 21.3 39.6#

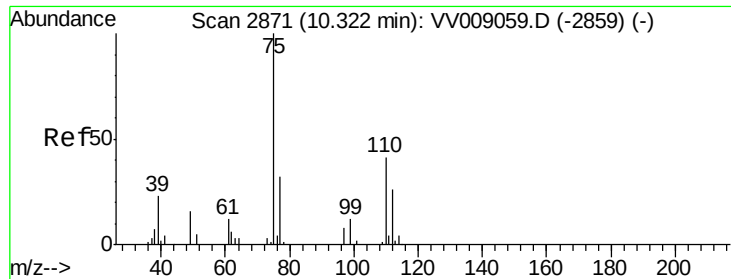


#49

2-Hexanone
Concen: 10.230 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VV009111.D
Acq: 21 Dec 2018 03:59

Tgt Ion: 43 Resp: 15513
Ion Ratio Lower Upper
43 100
58 15.8 43.9 65.9#
57 1.1 15.7 23.5#
100 3.3 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 2.663 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009111.D

Acq: 21 Dec 2018 03:59

Instrument :

MSVOA_V

ClientSampleId :

F9H09

Tgt Ion: 75 Resp: 5629

Ion Ratio Lower Upper

75 100

77 35.7 25.6 38.4

