

Data File : VV010863.D
Acq On : 14 May 2019 15:38
Operator : SY/MD
Sample : K2737-15
Misc : 3.69G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB863

Quant Time: May 15 06:56:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	117345	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	112175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42194	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31391	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
7) Chloroethane-d5	1.57	69	25385	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.20%
10) 1,1-Dichloroethene-d2	2.13	63	46787	16.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.16%
20) 2-Butanone-d5	3.94	46	15169	32.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.50%
24) Chloroform-d	4.40	84	74360	21.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.08	65	43547	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.44%
29) Benzene-d6	5.10	84	156605	25.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.88%
33) 1,2-Dichloropropane-d6	6.12	67	51425	25.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.84%
37) Toluene-d8	7.36	98	134648	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.28%
38) trans-1,3-Dichloropropene-	7.66	79	15881	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.52%
39) 2-Hexanone-d5	8.13	63	10718	28.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35428	19.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	42708	24.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.92%

Target Compounds

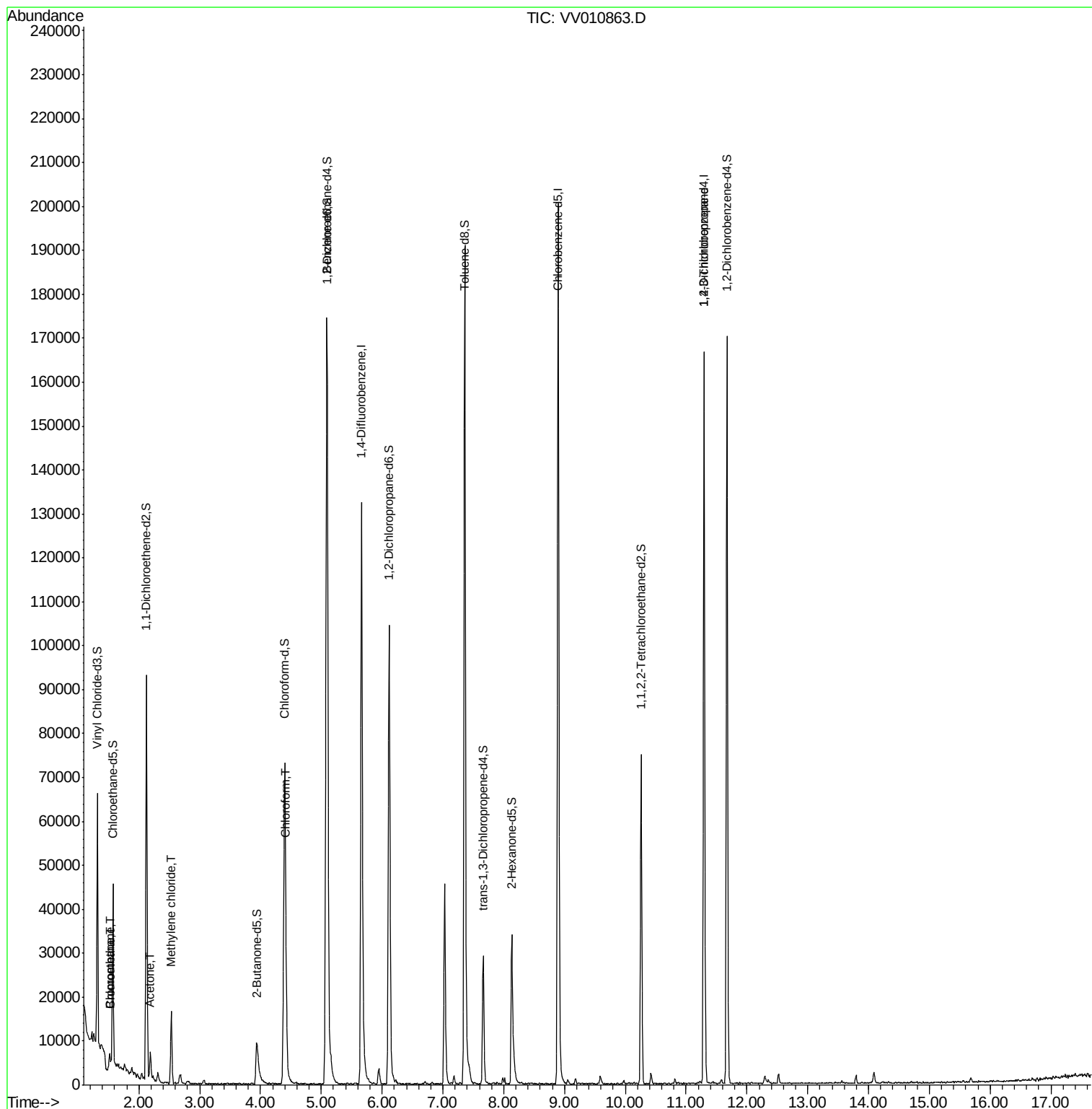
					Qvalue
6) Bromomethane	1.52	94	875	2.246 ug/L	99
8) Chloroethane	1.52	64	1630	1.877 ug/L #	42
13) Acetone	2.19	43	4004	8.358 ug/L	97
16) Methylene chloride	2.53	84	6429	3.395 ug/L	99
25) Chloroform	4.42	83	5921	1.750 ug/L	78
59) 1,2,3-Trichloropropane	11.30	75	6056	4.413 ug/L	99

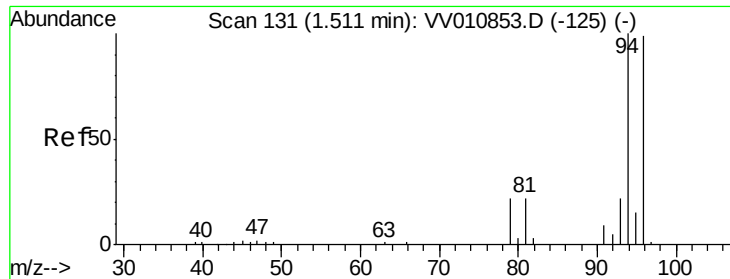
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 2.246 ug/L

RT: 1.52 min Scan# 133

Delta R.T. 0.01 min

Lab File: VV010863.D

Acq: 14 May 2019 15:38

Instrument :

MSVOA_V

ClientSampleId :

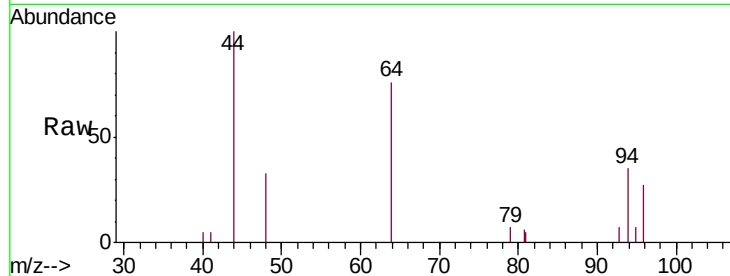
DB863

Tgt Ion: 94 Resp: 875

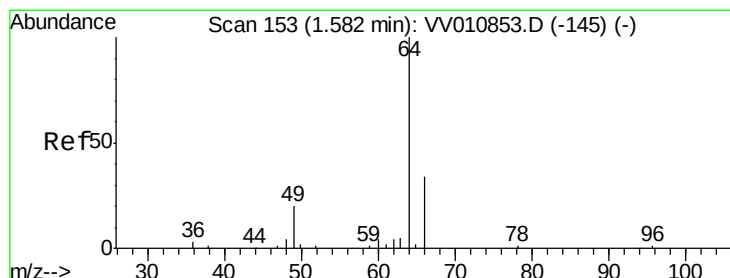
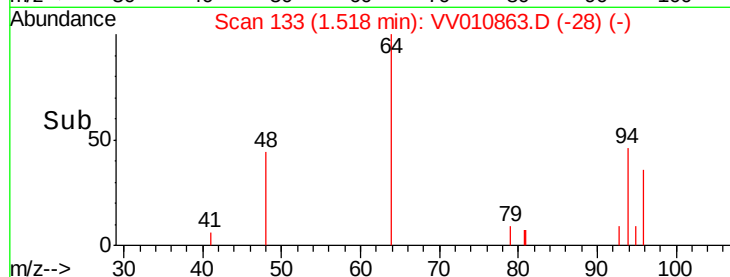
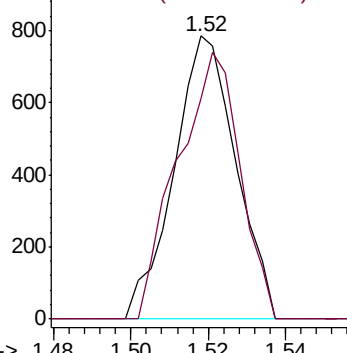
Ion Ratio Lower Upper

94 100

96 94.9 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010853.D (-125) (-)



#8

Chloroethane

Concen: 1.877 ug/L

RT: 1.52 min Scan# 133

Delta R.T. -0.06 min

Lab File: VV010863.D

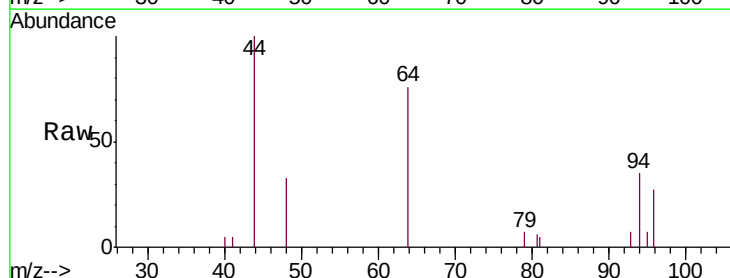
Acq: 14 May 2019 15:38

Tgt Ion: 64 Resp: 1630

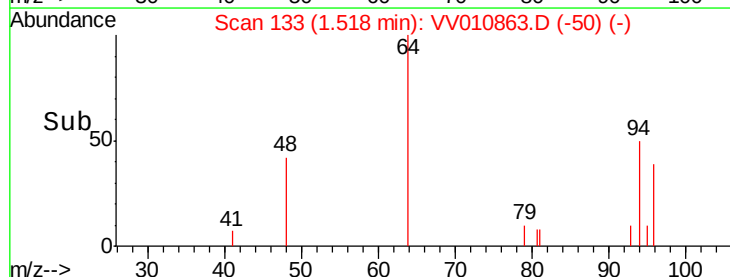
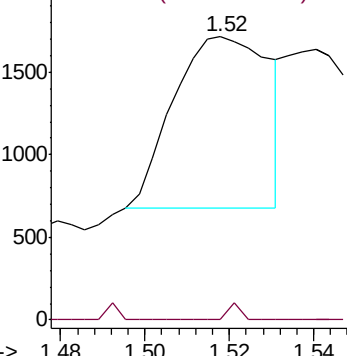
Ion Ratio Lower Upper

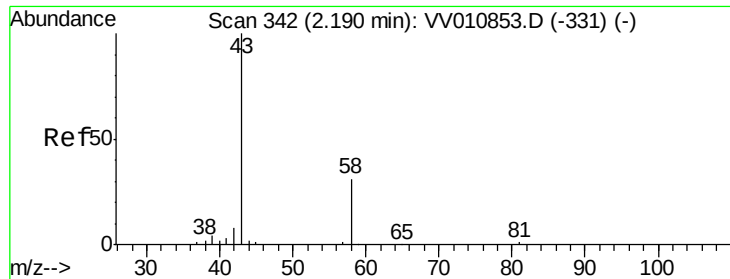
64 100

66 0.0 22.5 41.9#



Abundance Ion 64.00 (63.70 to 64.70): VV010853.D (-145) (-)





#13

Acetone

Concen: 8.358 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 14 May 2019 15:38

Instrument :

MSVOA_V

ClientSampleId :

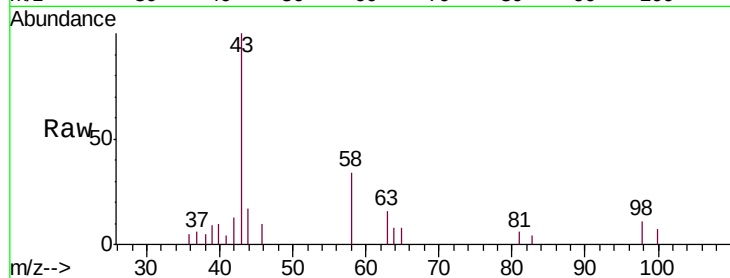
DB863

Tgt Ion: 43 Resp: 4004

Ion Ratio Lower Upper

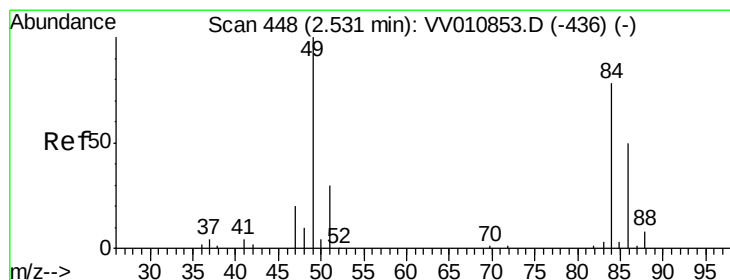
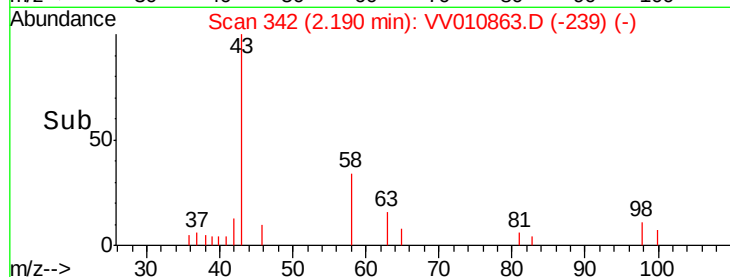
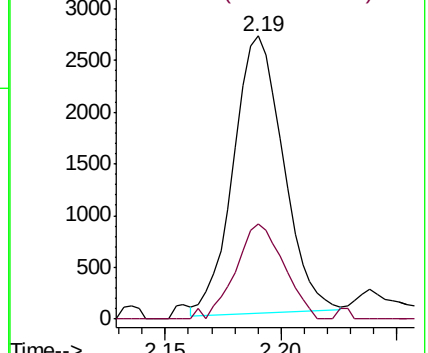
43 100

58 32.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 3.395 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010863.D

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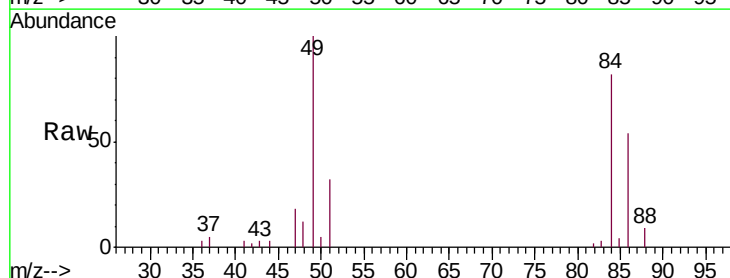
Tgt Ion: 84 Resp: 6429

Ion Ratio Lower Upper

84 100

49 121.7 85.8 159.3

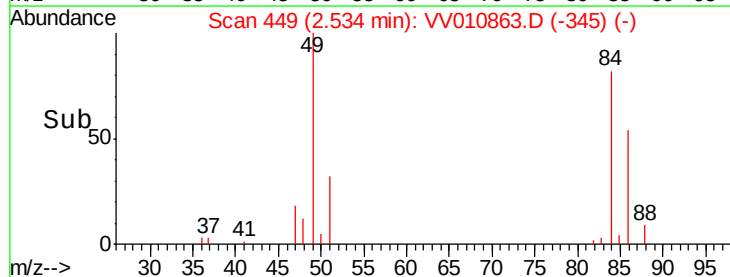
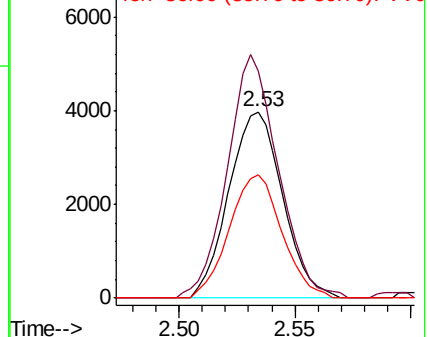
86 66.0 45.0 83.6

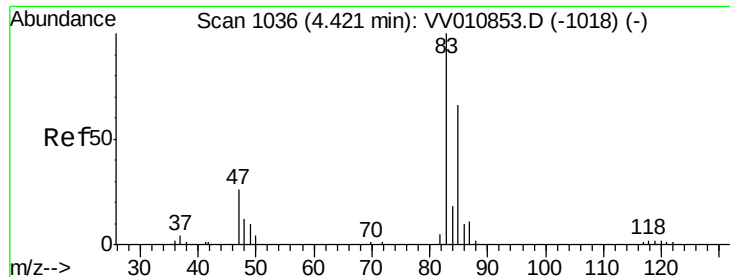


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

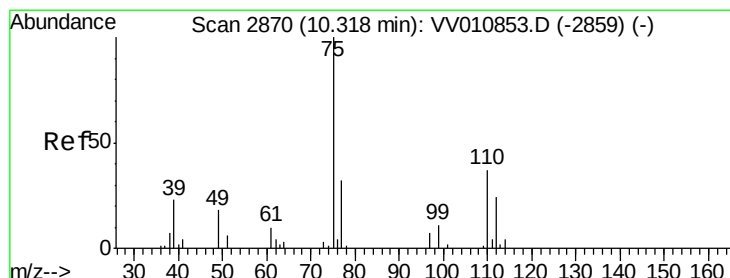
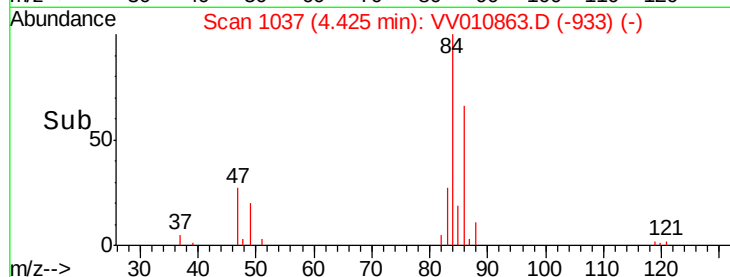
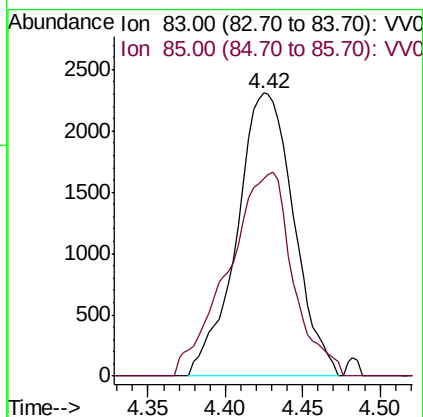
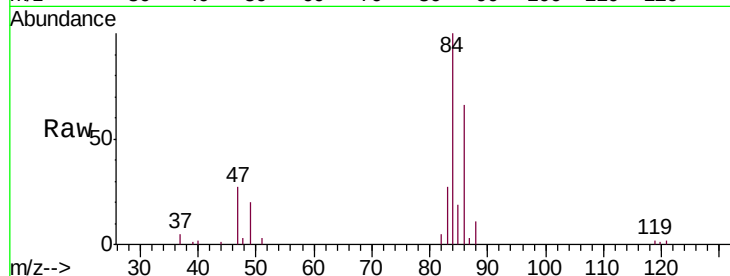




#25
Chloroform
Concen: 1.750 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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Instrument :
MSVOA_V
ClientSampled :
DB863

Tgt Ion: 83 Resp: 5921
Ion Ratio Lower Upper
83 100
85 82.0 45.3 84.1



#59
1,2,3-Trichloropropane
Concen: 4.413 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010863.D
Acq: 14 May 2019 15:38

Tgt Ion: 75 Resp: 6056
Ion Ratio Lower Upper
75 100
77 33.8 26.4 39.6

