

Data File : VV010862.D
Acq On : 14 May 2019 15:10
Operator : SY/MD
Sample : K2737-12
Misc : 3.76G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB860

Quant Time: May 15 06:56:27 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	117713	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126037	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53348	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27753	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.04%
7) Chloroethane-d5	1.57	69	22917	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
10) 1,1-Dichloroethene-d2	2.12	63	42122	14.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.36%
20) 2-Butanone-d5	3.94	46	20801	44.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.18%
24) Chloroform-d	4.40	84	70479	20.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.96%
26) 1,2-Dichloroethane-d4	5.08	65	44906	23.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.96%
29) Benzene-d6	5.10	84	151705	21.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.00%
33) 1,2-Dichloropropane-d6	6.12	67	50833	22.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.36%
37) Toluene-d8	7.36	98	135248	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.72%
38) trans-1,3-Dichloropropene-	7.66	79	16908	17.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.64%
39) 2-Hexanone-d5	8.13	63	14640	34.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40067	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	52185	23.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.68%

Target Compounds

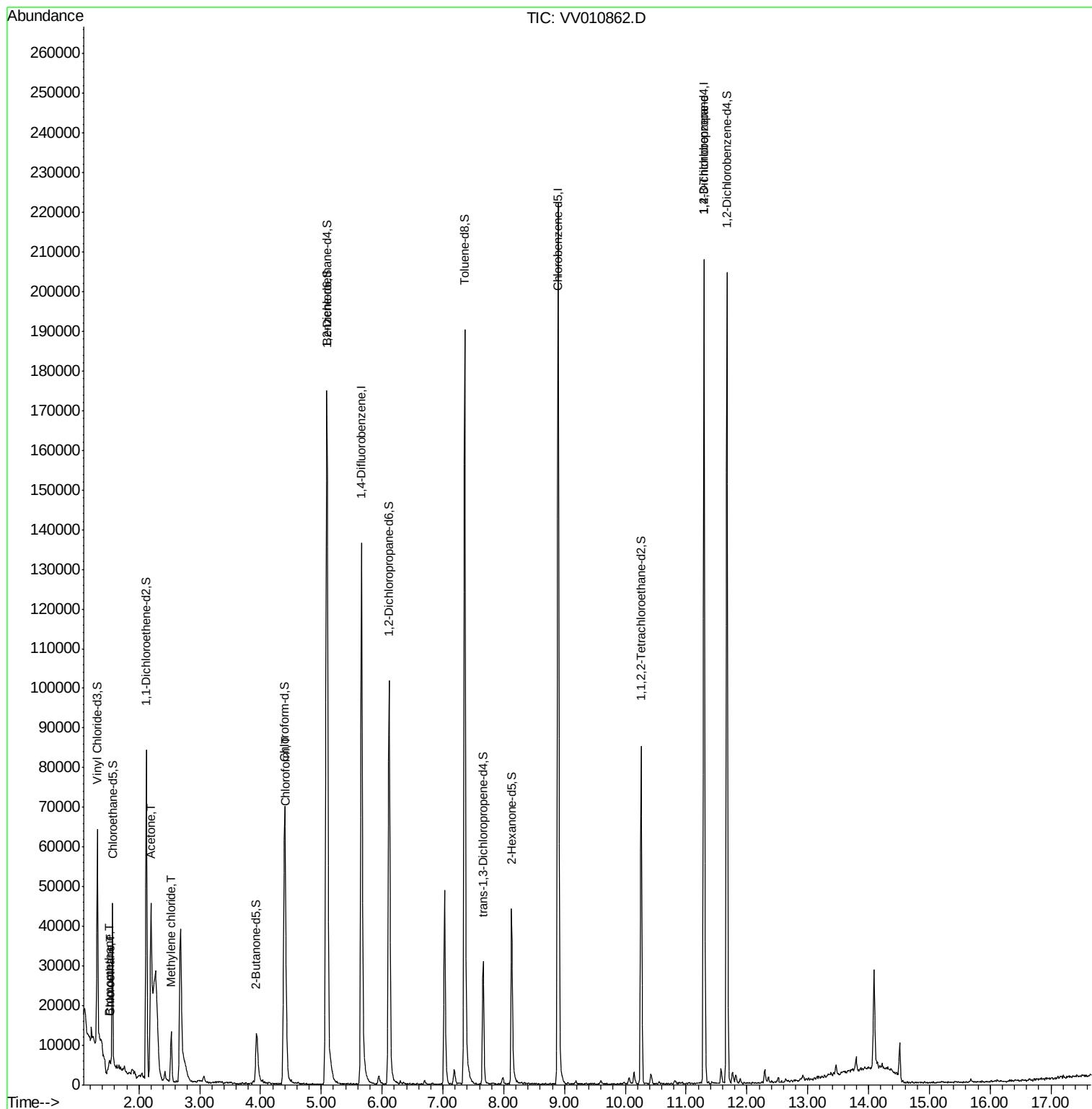
					Qvalue
6) Bromomethane	1.51	94	634	1.622 ug/L	91
8) Chloroethane	1.53	64	1274	1.463 ug/L #	57
13) Acetone	2.20	43	59201	123.184 ug/L	97
16) Methylene chloride	2.53	84	5264	2.771 ug/L	91
25) Chloroform	4.42	83	3435	1.012 ug/L #	1
59) 1,2,3-Trichloropropane	11.29	75	6862	4.450 ug/L	89

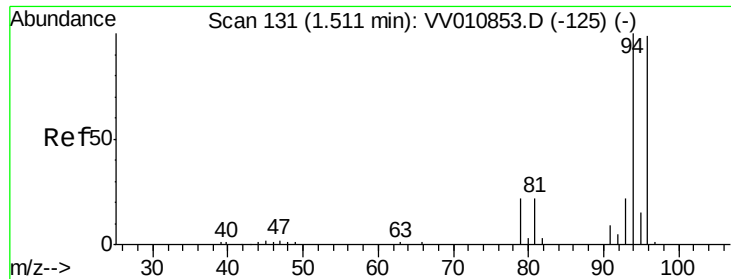
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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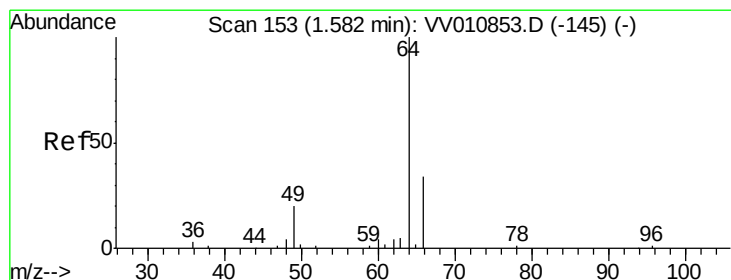
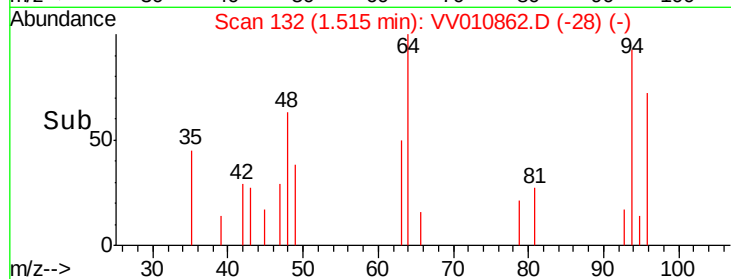
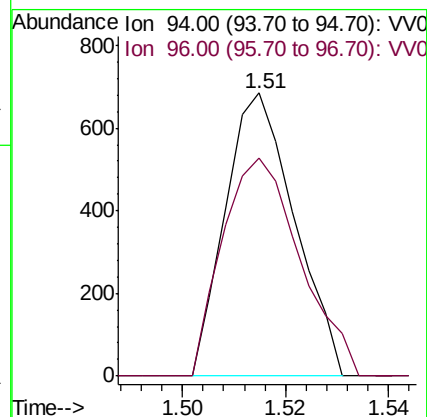
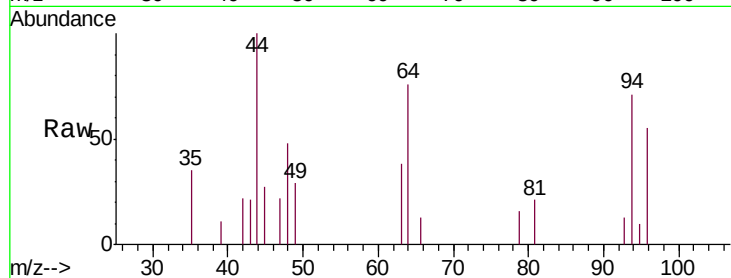




#6
Bromomethane
Concen: 1.622 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.00 min
Lab File: VV010862.D
Acq: 14 May 2019 15:10

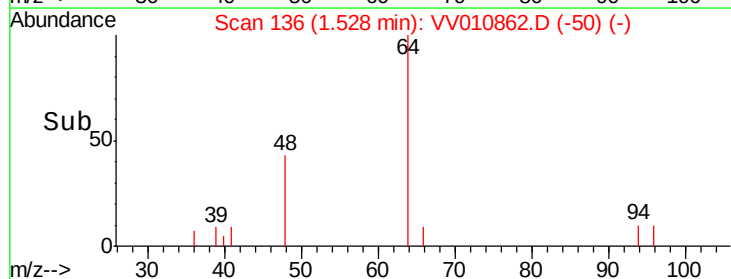
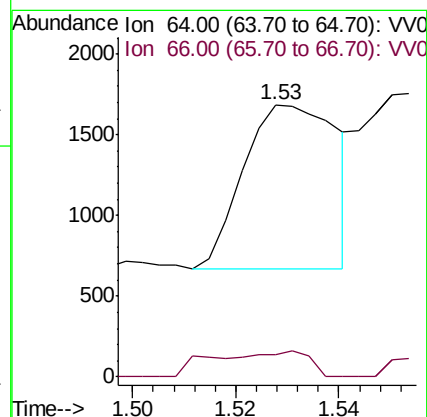
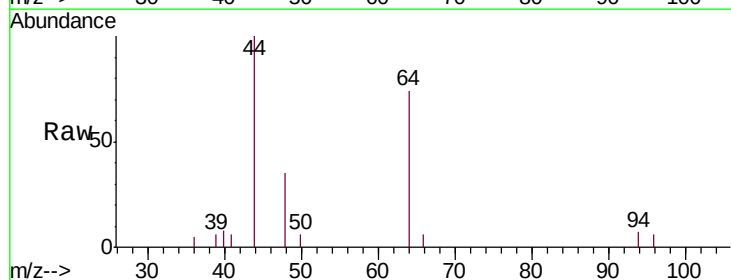
Instrument :
MSVOA_V
ClientSampleId :
DB860

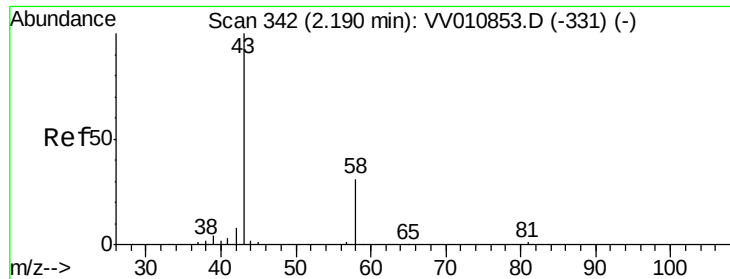
Tgt Ion: 94 Resp: 634
Ion Ratio Lower Upper
94 100
96 86.9 9.6 181.6



#8
Chloroethane
Concen: 1.463 ug/L
RT: 1.53 min Scan# 136
Delta R.T. -0.05 min
Lab File: VV010862.D
Acq: 14 May 2019 15:10

Tgt Ion: 64 Resp: 1274
Ion Ratio Lower Upper
64 100
66 8.3 22.5 41.9#





#13

Acetone

Concen: 123.184 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV010862.D

Acq: 14 May 2019 15:10

Instrument :

MSVOA_V

ClientSampleId :

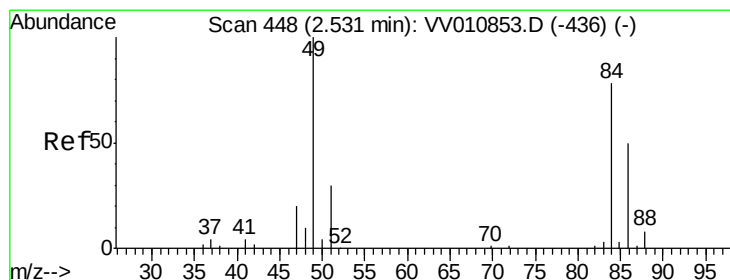
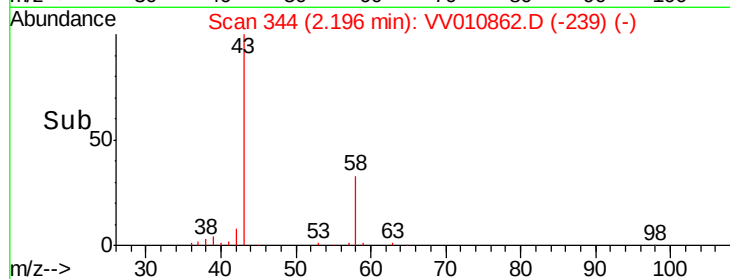
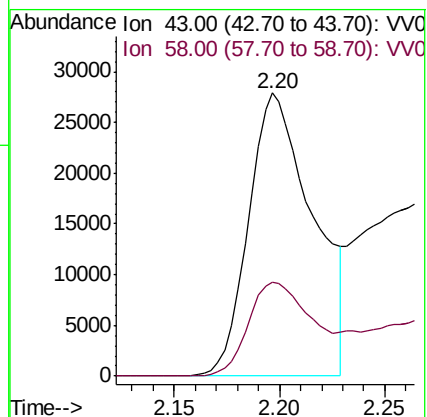
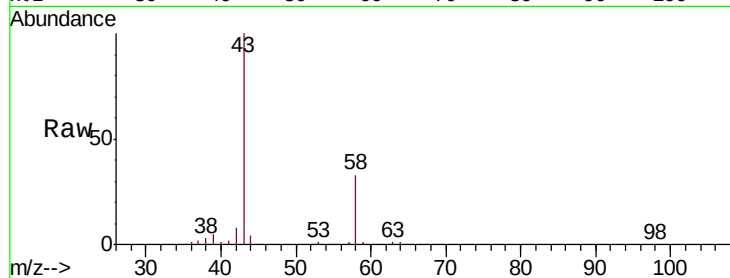
DB860

Tgt Ion: 43 Resp: 59201

Ion Ratio Lower Upper

43 100

58 32.7 0.0 69.2



#16

Methylene chloride

Concen: 2.771 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

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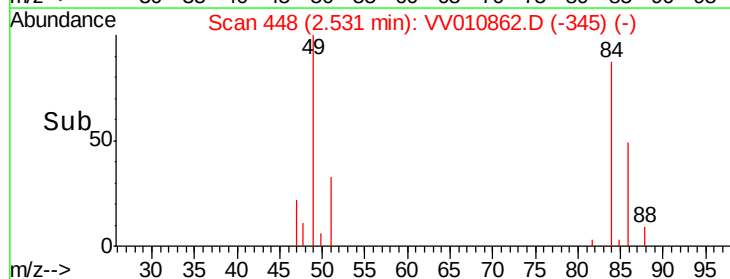
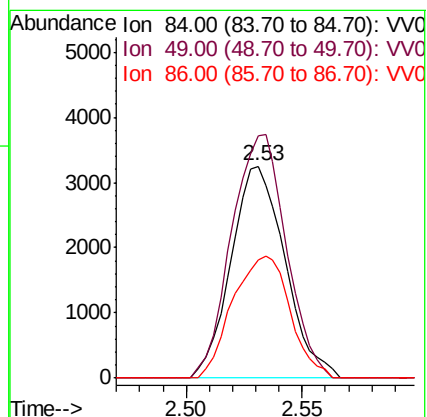
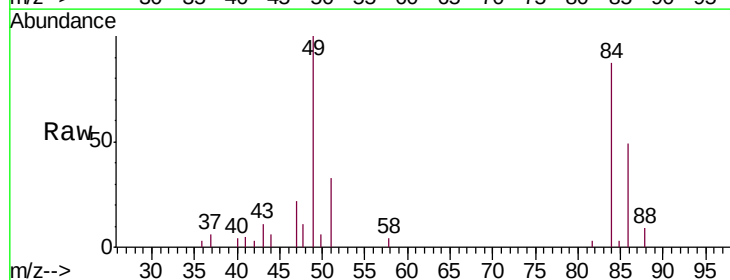
Tgt Ion: 84 Resp: 5264

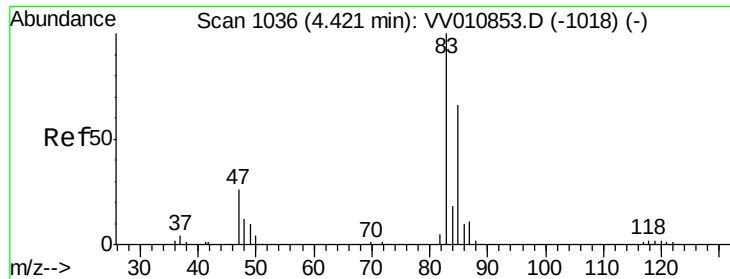
Ion Ratio Lower Upper

84 100

49 114.4 85.8 159.3

86 55.6 45.0 83.6

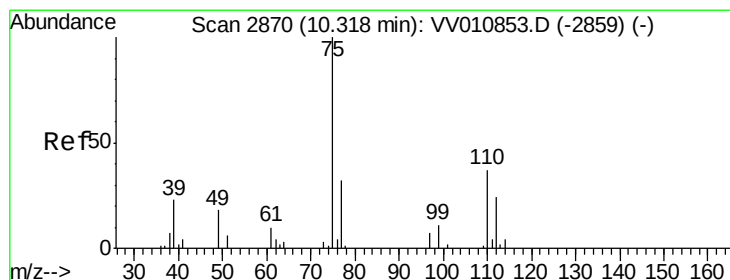
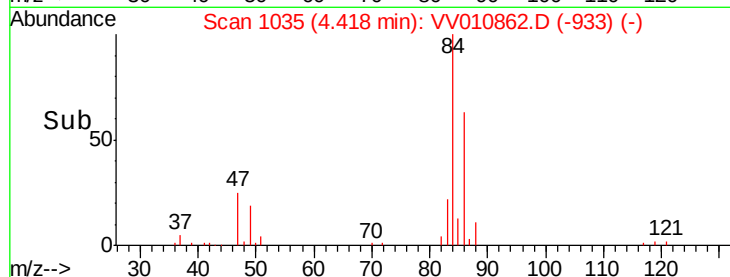
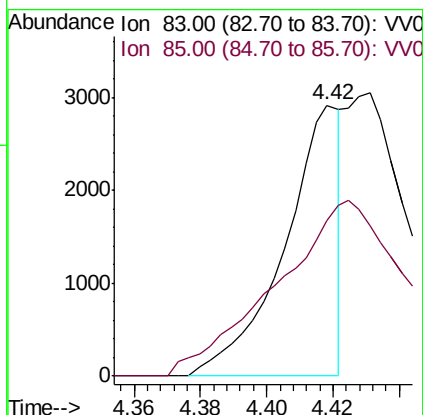
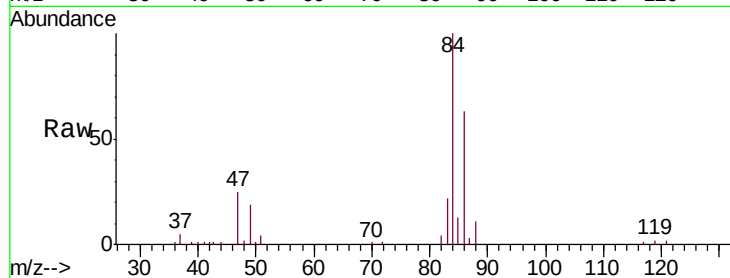




#25
Chloroform
Concen: 1.012 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
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Instrument :
MSVOA_V
ClientSampled :
DB860

Tgt Ion: 83 Resp: 3435
Ion Ratio Lower Upper
83 100
85 150.4 45.3 84.1#



#59
1,2,3-Trichloropropane
Concen: 4.450 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010862.D
Acq: 14 May 2019 15:10

Tgt Ion: 75 Resp: 6862
Ion Ratio Lower Upper
75 100
77 39.4 26.4 39.6

