

Data File : VV010866.D
Acq On : 14 May 2019 17:01
Operator : SY/MD
Sample : K2737-19
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB867

Quant Time: May 15 06:57:08 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	108350	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	113687	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47490	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25222	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.08%
7) Chloroethane-d5	1.57	69	20262	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
10) 1,1-Dichloroethene-d2	2.12	63	39300	15.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.16%
20) 2-Butanone-d5	3.94	46	18702	43.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.12%
24) Chloroform-d	4.40	84	68509	21.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	43174	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.12%
29) Benzene-d6	5.10	84	137248	21.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.24%
33) 1,2-Dichloropropane-d6	6.12	67	47531	23.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.68%
37) Toluene-d8	7.36	98	119196	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.84%
38) trans-1,3-Dichloropropene-	7.66	79	15405	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.36%
39) 2-Hexanone-d5	8.13	63	13967	36.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	38570	20.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	46442	23.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.64%

Target Compounds

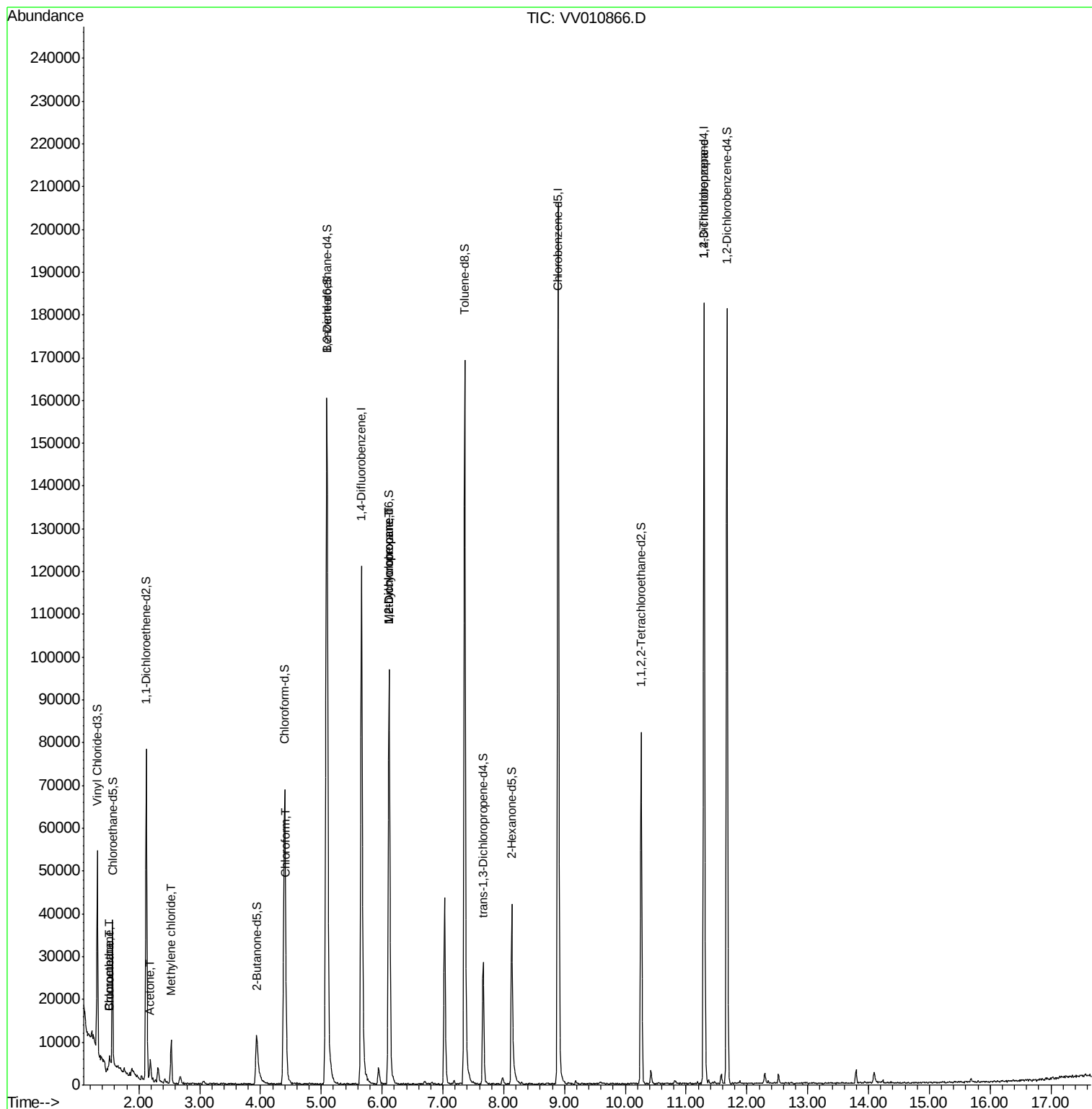
					Qvalue
6) Bromomethane	1.51	94	724	2.012 ug/L	90
8) Chloroethane	1.53	64	1506	1.879 ug/L #	64
13) Acetone	2.19	43	3172	7.171 ug/L	95
16) Methylene chloride	2.53	84	4181	2.391 ug/L	97
25) Chloroform	4.42	83	3068	0.982 ug/L	85
36) Methylcyclohexane	6.12	83	10923	4.571 ug/L #	23
40) 1,2-Dichloropropane	6.12	63	5326	2.951 ug/L #	88
59) 1,2,3-Trichloropropane	11.29	75	6389	4.594 ug/L	92

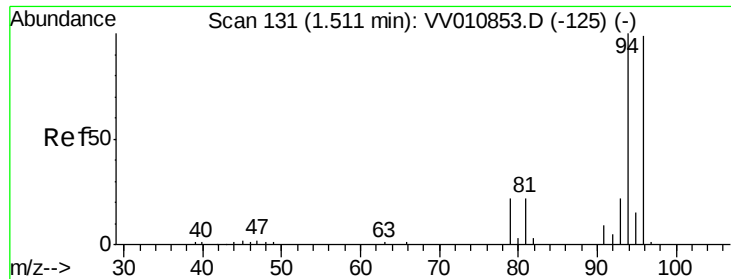
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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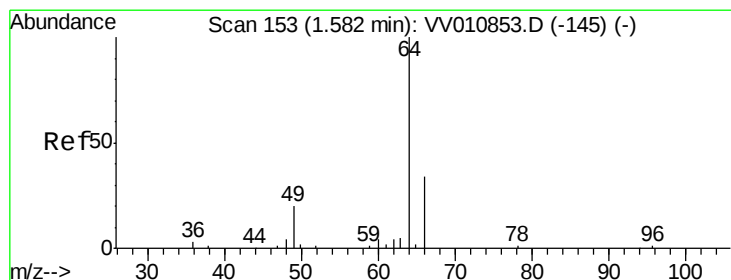
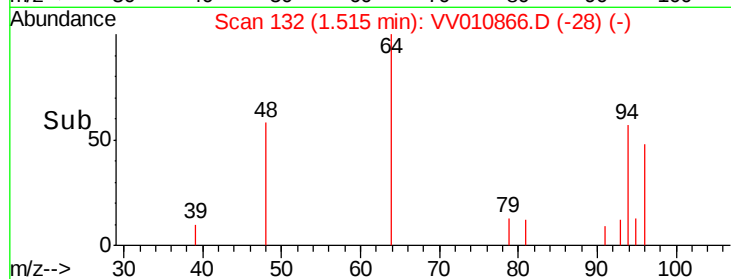
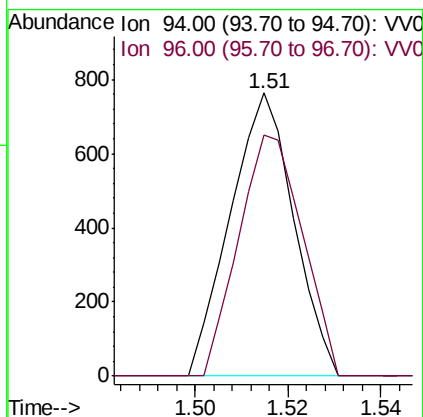
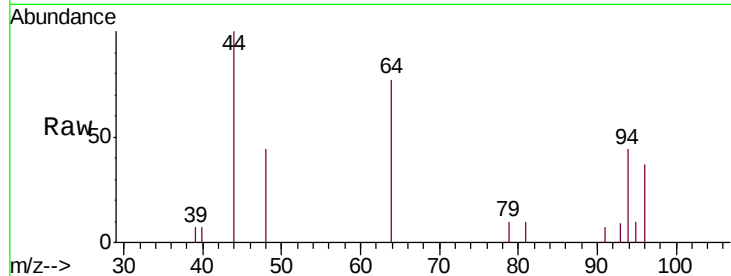




#6
Bromomethane
Concen: 2.012 ug/L
RT: 1.51 min Scan# 132
Delta R.T. 0.00 min
Lab File: VV010866.D
Acq: 14 May 2019 17:01

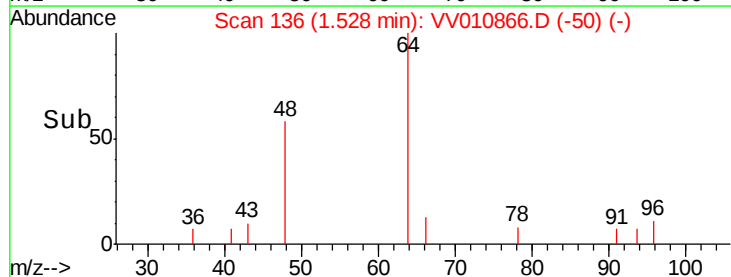
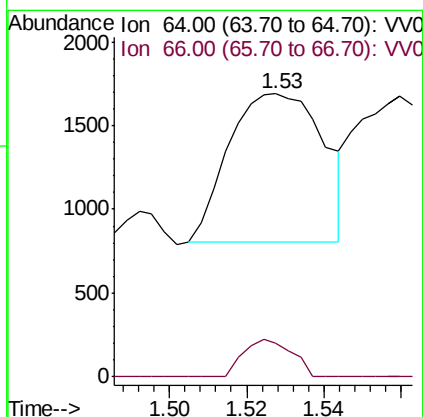
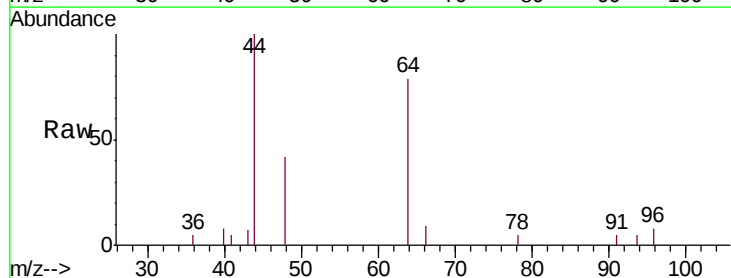
Instrument :
MSVOA_V
ClientSampled :
DB867

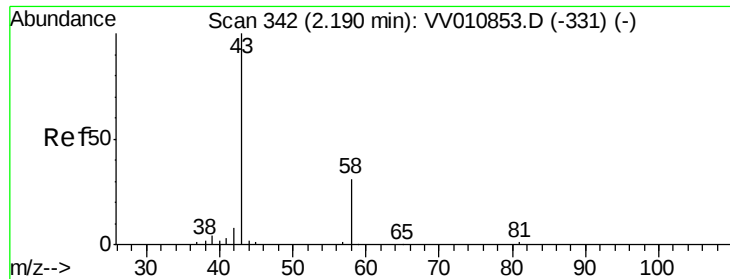
Tgt Ion: 94 Resp: 724
Ion Ratio Lower Upper
94 100
96 85.8 9.6 181.6



#8
Chloroethane
Concen: 1.879 ug/L
RT: 1.53 min Scan# 136
Delta R.T. -0.05 min
Lab File: VV010866.D
Acq: 14 May 2019 17:01

Tgt Ion: 64 Resp: 1506
Ion Ratio Lower Upper
64 100
66 11.8 22.5 41.9#





#13

Acetone

Concen: 7.171 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV010866.D

Acq: 14 May 2019 17:01

Instrument :

MSVOA_V

ClientSampleId :

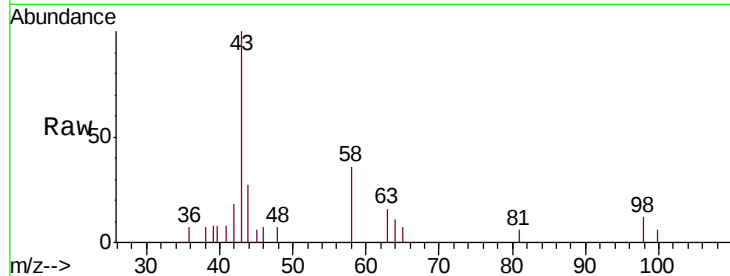
DB867

Tgt Ion: 43 Resp: 3172

Ion Ratio Lower Upper

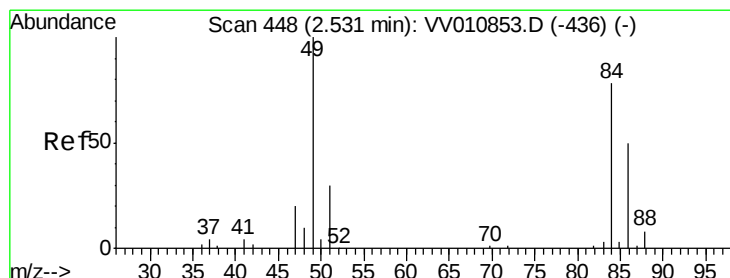
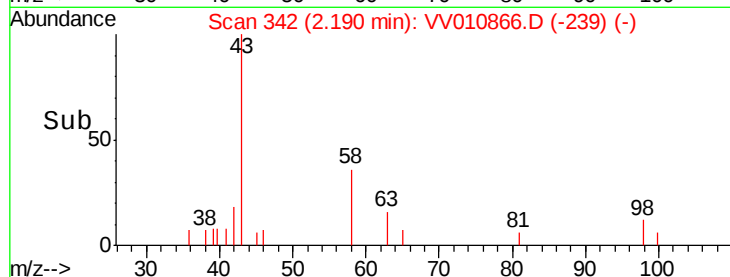
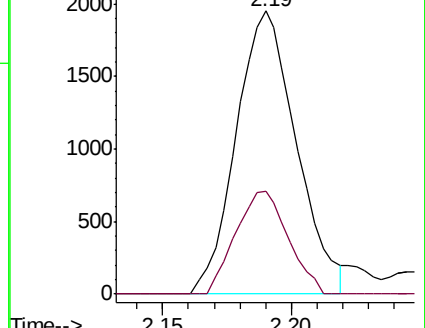
43 100

58 31.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010853.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010853.D (-331) (-)



#16

Methylene chloride

Concen: 2.391 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010866.D

Acq: 14 May 2019 17:01

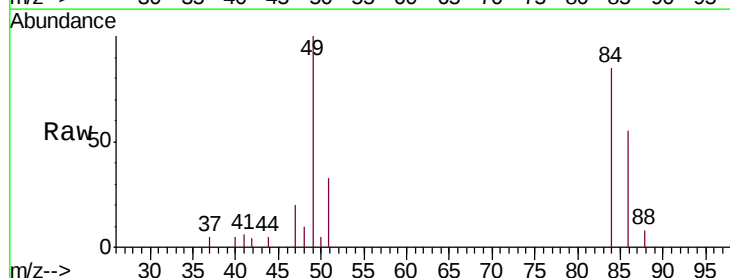
Tgt Ion: 84 Resp: 4181

Ion Ratio Lower Upper

84 100

49 117.0 85.8 159.3

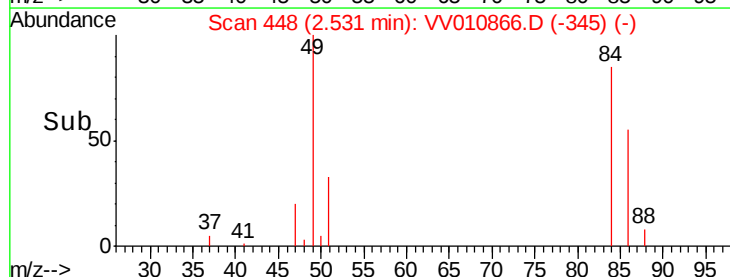
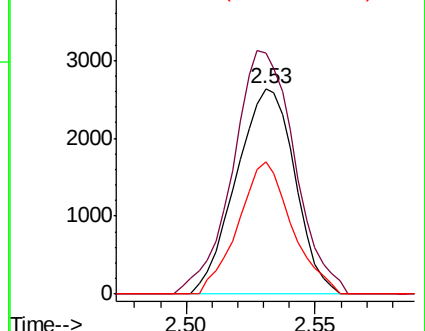
86 64.4 45.0 83.6

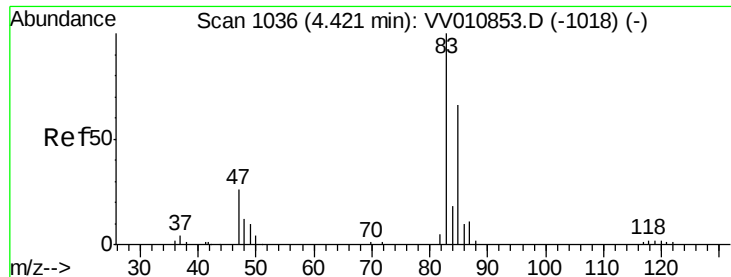


Abundance Ion 84.00 (83.70 to 84.70): VV010853.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010853.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010853.D (-436) (-)

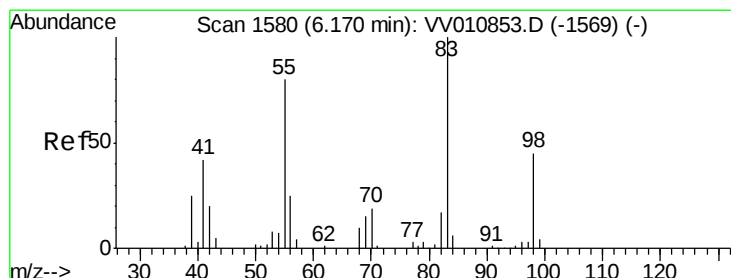
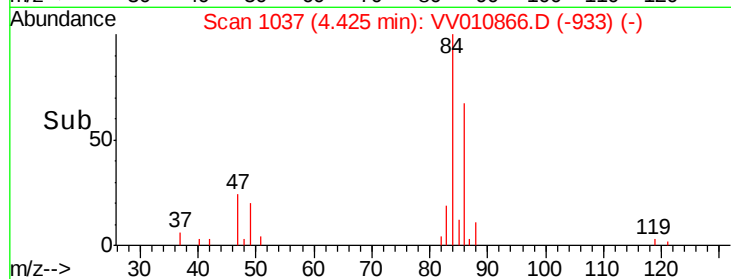
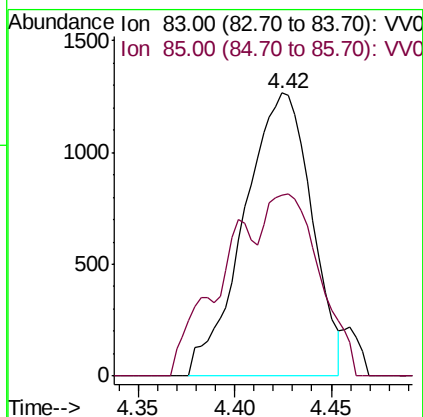
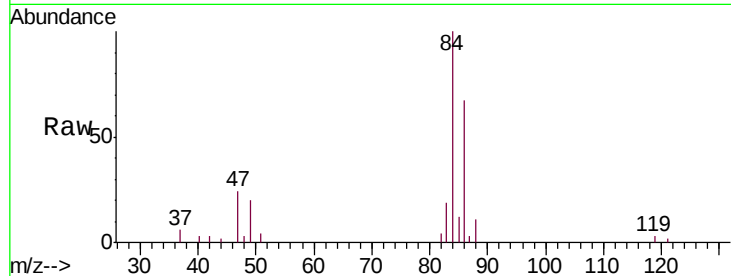




#25
Chloroform
Concen: 0.982 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010866.D
Acq: 14 May 2019 17:01

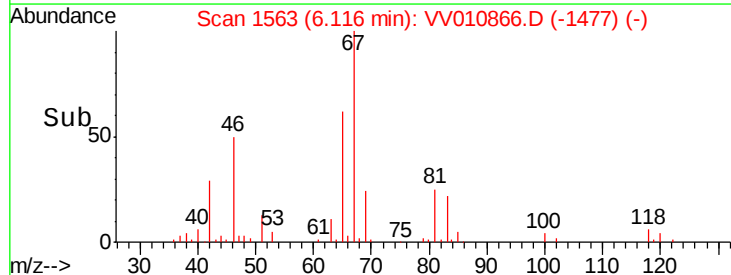
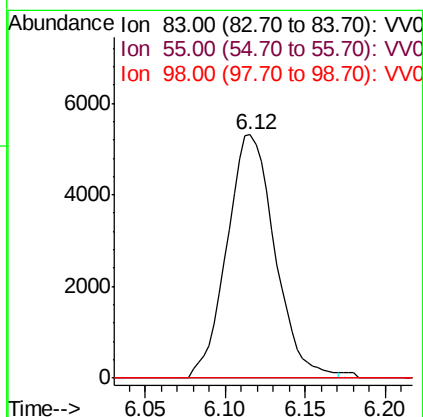
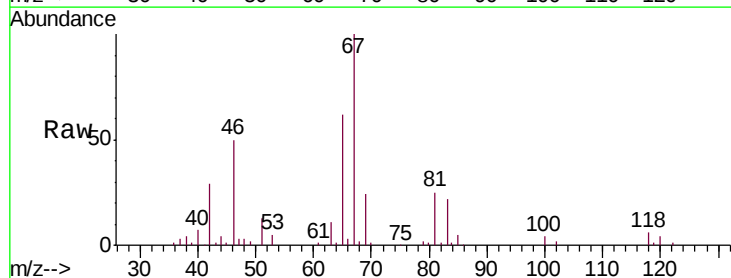
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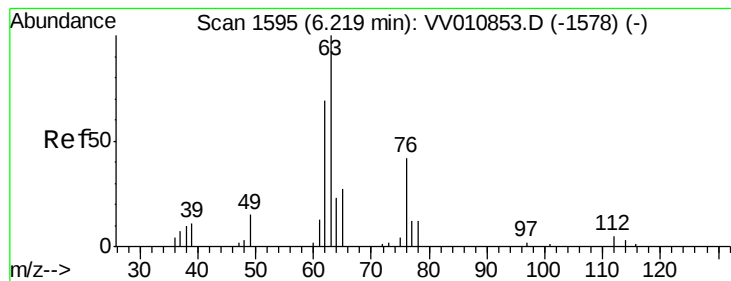
Tgt Ion: 83 Resp: 3068
Ion Ratio Lower Upper
83 100
85 52.6 45.3 84.1



#36
Methylcyclohexane
Concen: 4.571 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV010866.D
Acq: 14 May 2019 17:01

Tgt Ion: 83 Resp: 10923
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 8.9 37.2 55.8#





#40

1,2-Dichloropropane

Concen: 2.951 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010866.D

Acq: 14 May 2019 17:01

Instrument :

MSVOA_V

ClientSampleId :

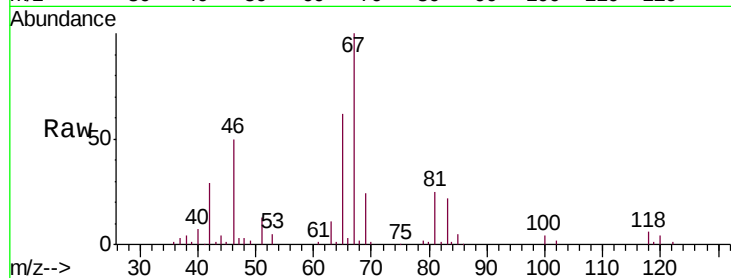
DB867

Tgt Ion: 63 Resp: 5326

Ion Ratio Lower Upper

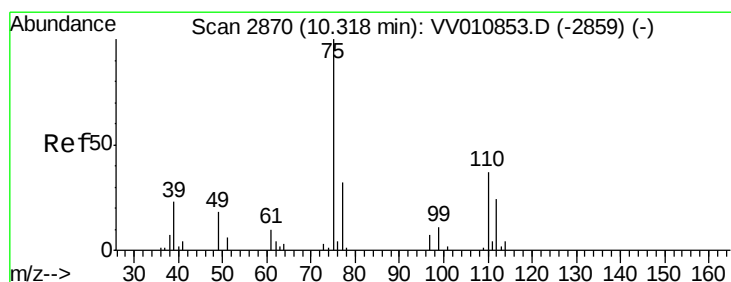
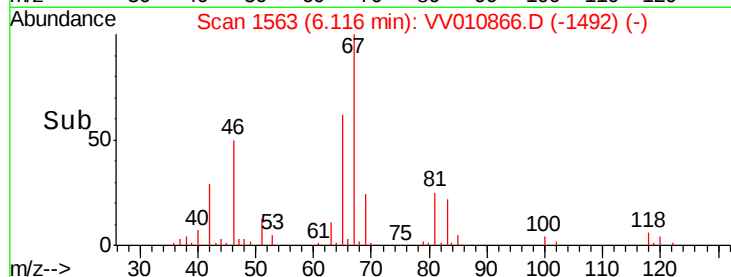
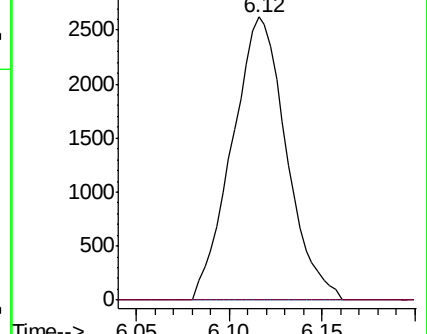
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV010853.D (-1578) (-)

Ion 112.00 (111.70 to 112.70): VV010853.D (-1578) (-)



#59

1,2,3-Trichloropropane

Concen: 4.594 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010866.D

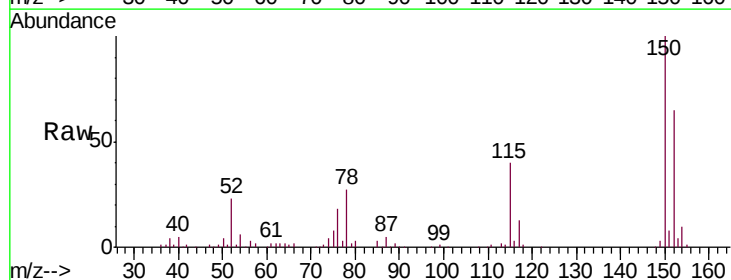
Acq: 14 May 2019 17:01

Tgt Ion: 75 Resp: 6389

Ion Ratio Lower Upper

75 100

77 37.7 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VV010853.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010853.D (-2859) (-)

