

Data File : VV010910.D
Acq On : 15 May 2019 22:43
Operator : SY/MD
Sample : K2737-20RE
Misc : 4.78G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB868RE

Quant Time: May 16 08:13:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 08:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	42393	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	39085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9769	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11919	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
7) Chloroethane-d5	1.58	69	9479	26.93	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
10) 1,1-Dichloroethene-d2	2.13	63	18177	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	3.95	46	6978	41.07	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.14%
24) Chloroform-d	4.40	84	28720	23.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	5.08	65	18348	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.48%
29) Benzene-d6	5.10	84	54740	25.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.20%
33) 1,2-Dichloropropane-d6	6.12	67	19120	27.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.80%
37) Toluene-d8	7.36	98	43945	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.56%
38) trans-1,3-Dichloropropene-	7.67	79	5824	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.36%
39) 2-Hexanone-d5	8.13	63	3982	30.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	14298	22.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	8447	20.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.80%

Target Compounds

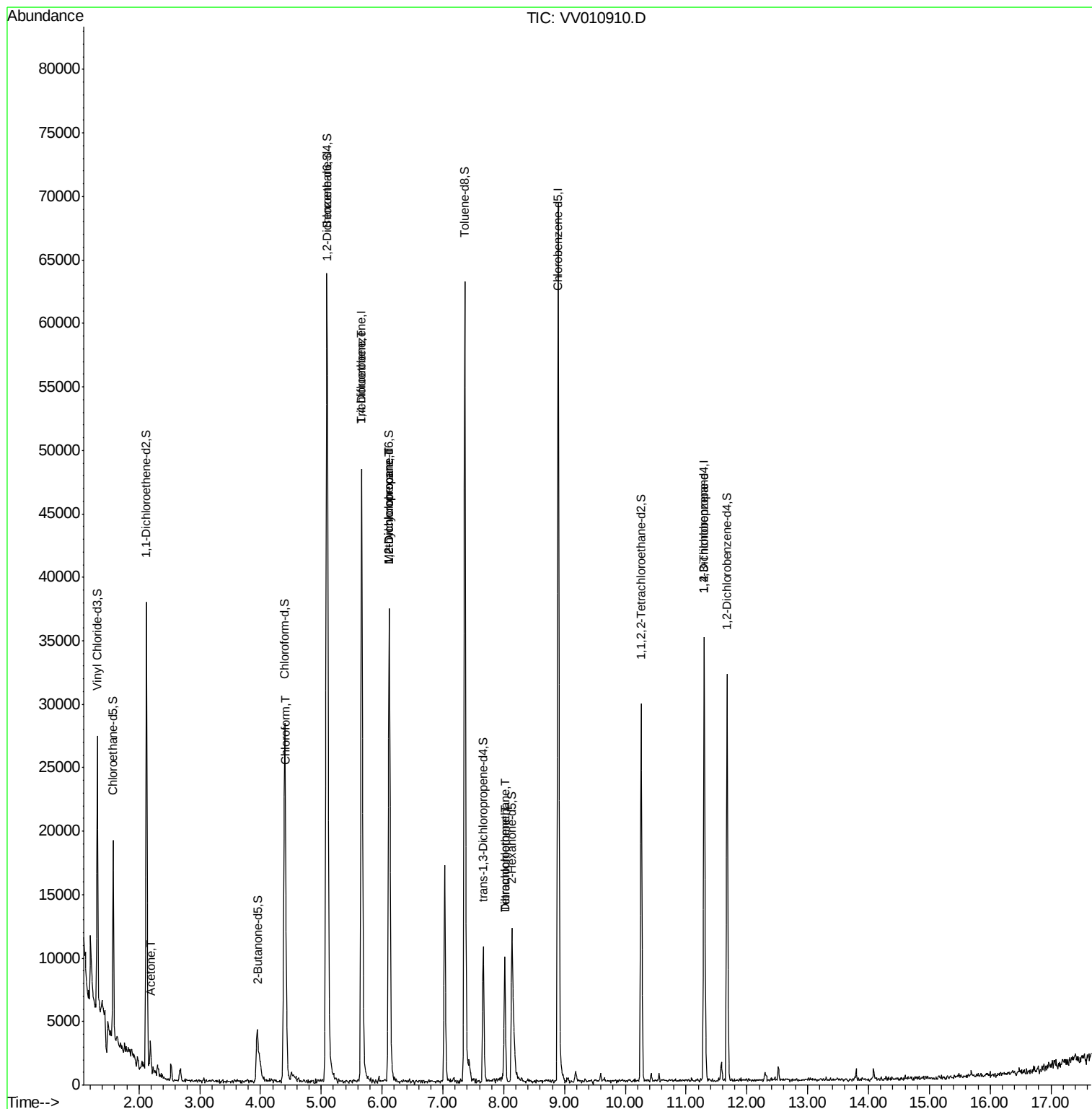
					Qvalue
13) Acetone	2.19	43	1872	10.816 ug/L	91
25) Chloroform	4.42	83	1230	1.006 ug/L #	23
35) Trichloroethene	5.66	95	604	1.023 ug/L #	5
36) Methylcyclohexane	6.12	83	4615	5.617 ug/L #	18
40) 1,2-Dichloropropane	6.12	63	2024	3.262 ug/L #	88
47) Tetrachloroethene	8.02	164	2274	5.212 ug/L	95
50) Dibromochloromethane	8.02	129	2275	4.093 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	1142	2.388 ug/L	97

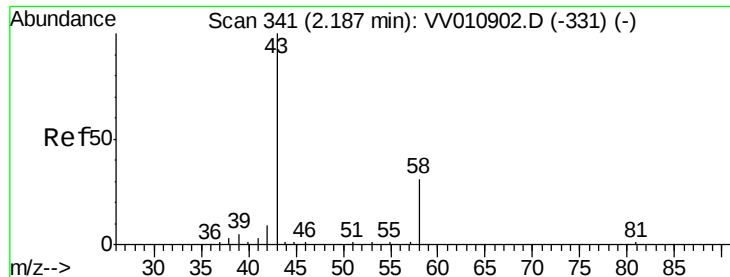
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.816 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 15 May 2019 22:43

Instrument :

MSVOA_V

ClientSampleId :

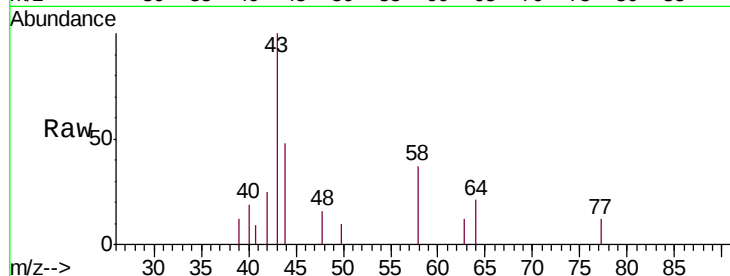
DB868RE

Tgt Ion: 43 Resp: 1872

Ion Ratio Lower Upper

43 100

58 29.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010910.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010910.D (-238) (-)

2.19

1200

1000

800

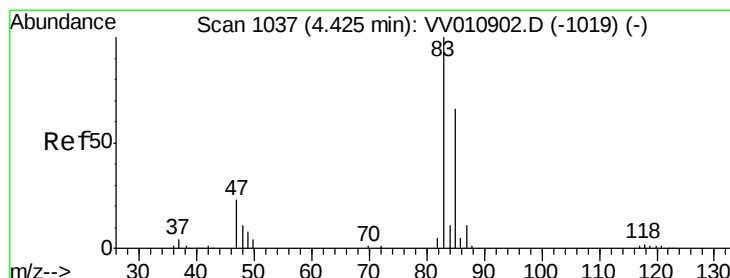
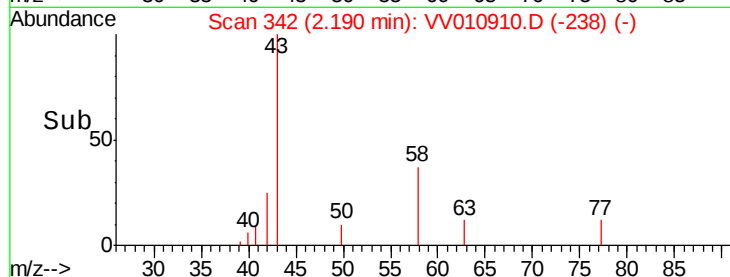
600

400

200

0

Time-->



#25

Chloroform

Concen: 1.006 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV010910.D

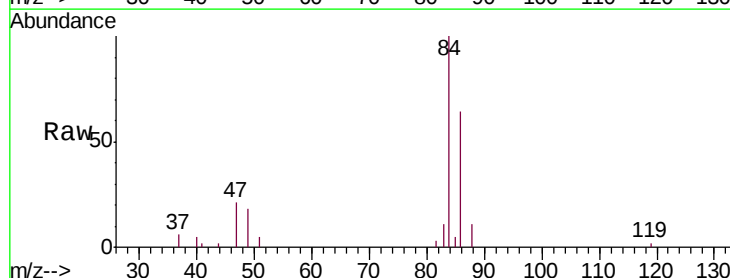
Acq: 15 May 2019 22:43

Tgt Ion: 83 Resp: 1230

Ion Ratio Lower Upper

83 100

85 4.2 45.3 84.1#



Abundance Ion 83.00 (82.70 to 83.70): VV010910.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV010910.D (-934) (-)

4.42

600

500

400

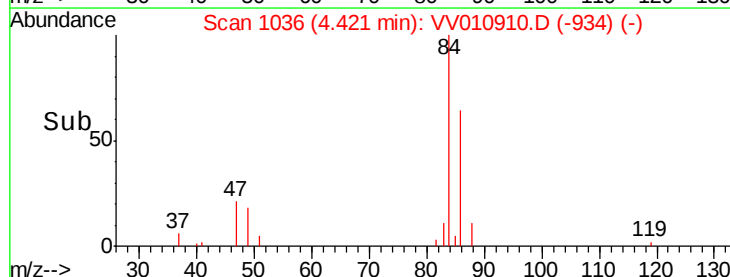
300

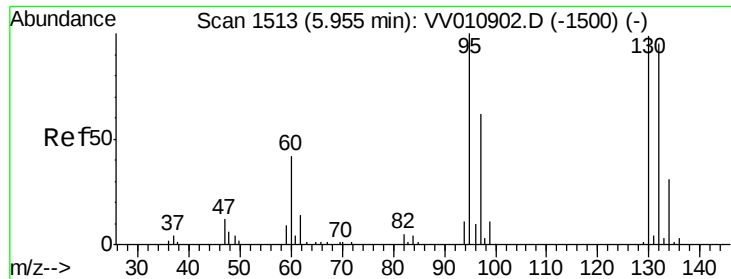
200

100

0

Time-->





#35

Trichloroethene

Concen: 1.023 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

Lab File: VV010910.D

Acq: 15 May 2019 22:43

Instrument :

MSVOA_V

ClientSampleId :

DB868RE

Tgt Ion: 95 Resp: 604

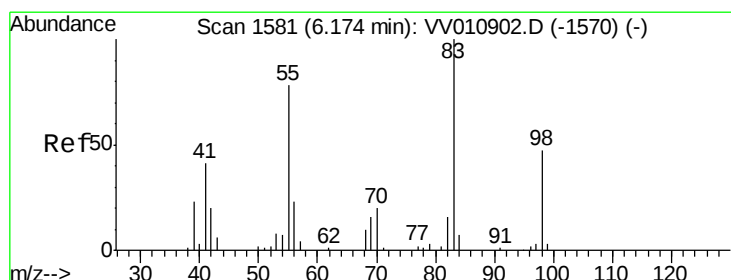
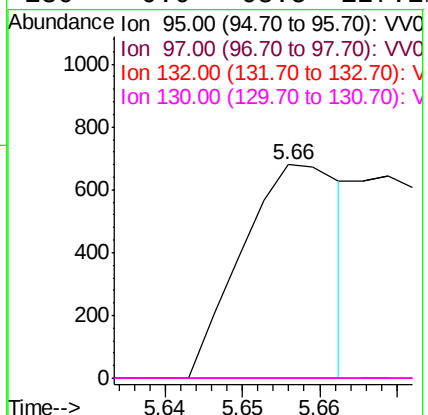
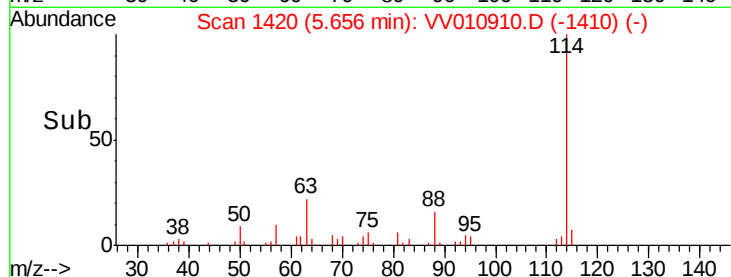
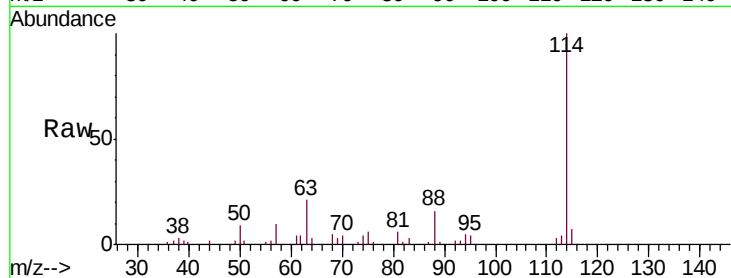
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 67.4 125.2#

130 0.0 68.5 127.1#



#36

Methylcyclohexane

Concen: 5.617 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010910.D

Acq: 15 May 2019 22:43

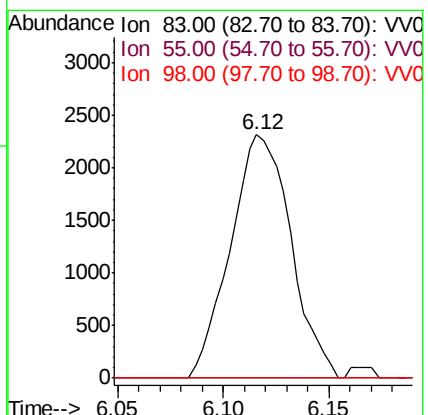
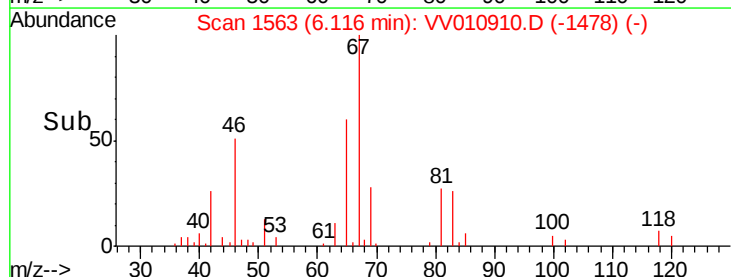
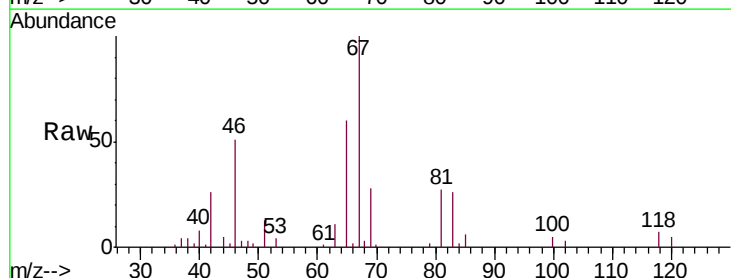
Tgt Ion: 83 Resp: 4615

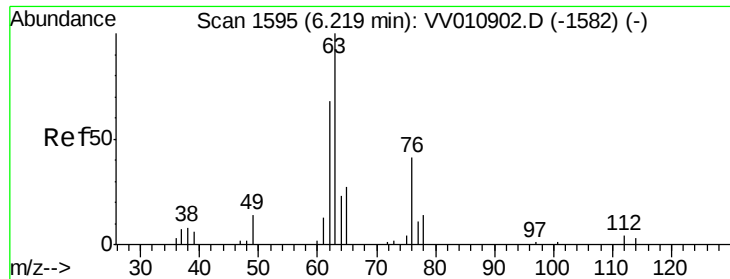
Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

98 0.0 37.2 55.8#

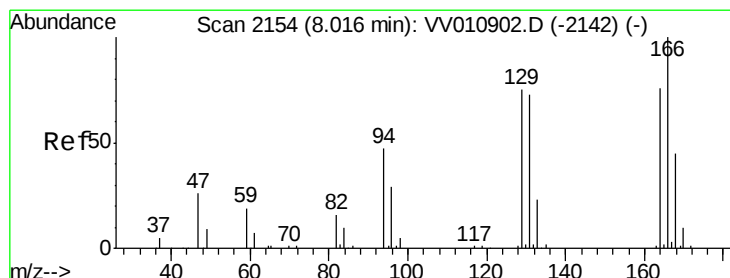
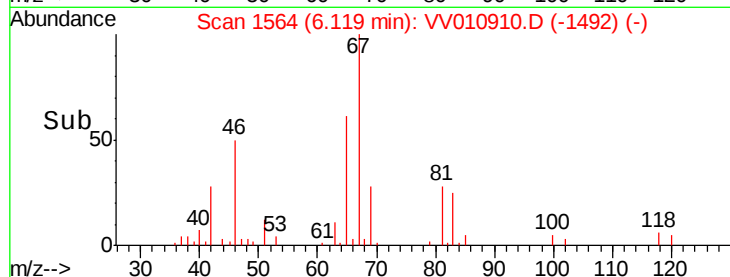
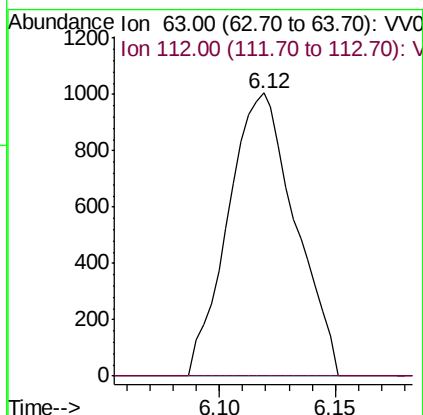
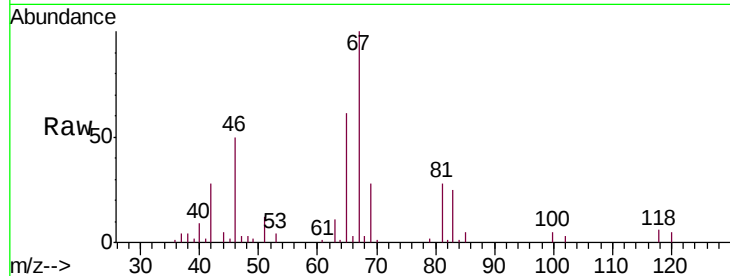




#40
 1,2-Dichloropropane
 Concen: 3.262 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010910.D
 Acq: 15 May 2019 22:43

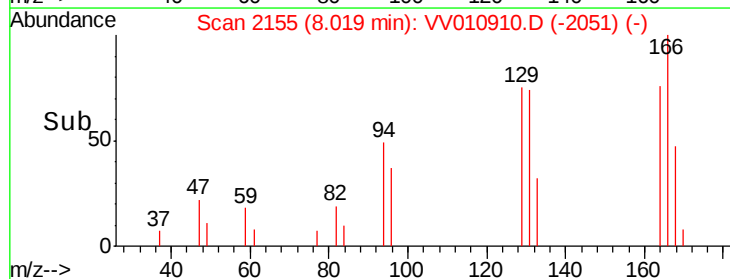
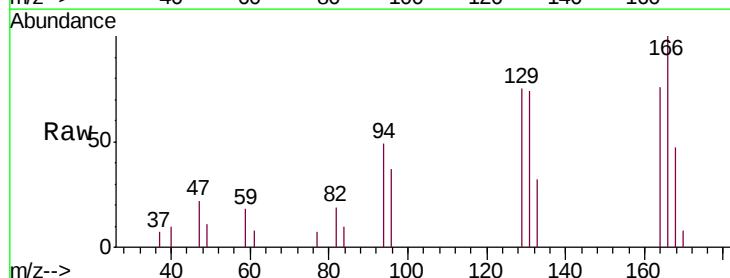
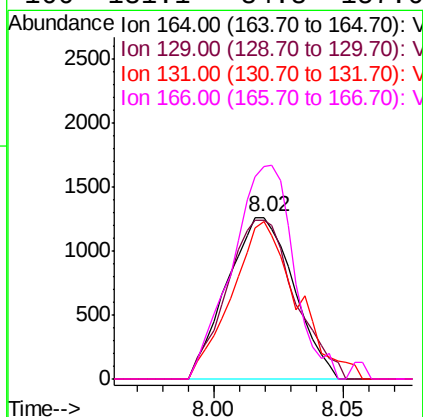
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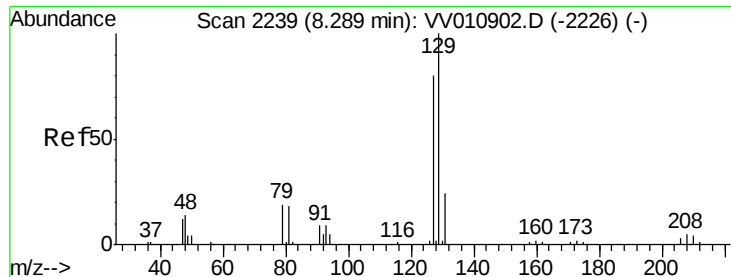
Tgt Ion: 63 Resp: 2024
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#47
 Tetrachloroethene
 Concen: 5.212 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010910.D
 Acq: 15 May 2019 22:43

Tgt Ion: 164 Resp: 2274
 Ion Ratio Lower Upper
 164 100
 129 98.3 67.6 125.6
 131 97.5 65.1 120.9
 166 131.1 84.8 157.6





#50

Dibromochloromethane

Concen: 4.093 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV010910.D

Acq: 15 May 2019 22:43

Instrument :

MSVOA_V

ClientSampleId :

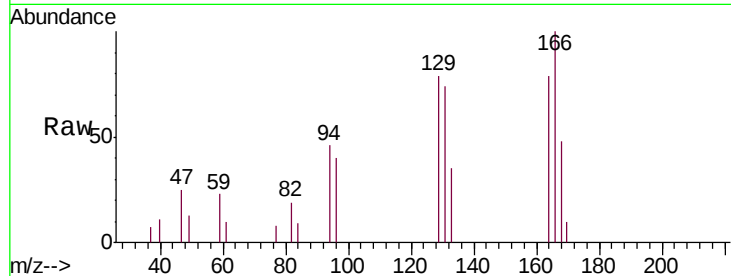
DB868RE

Tgt Ion:129 Resp: 2275

Ion Ratio Lower Upper

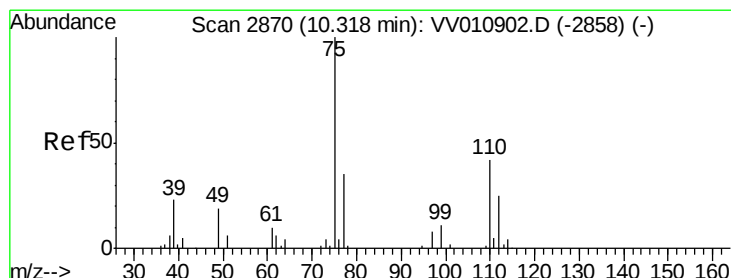
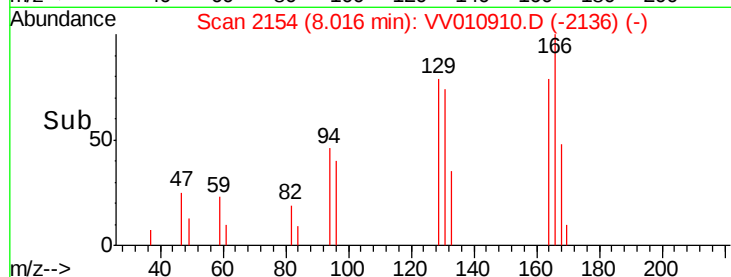
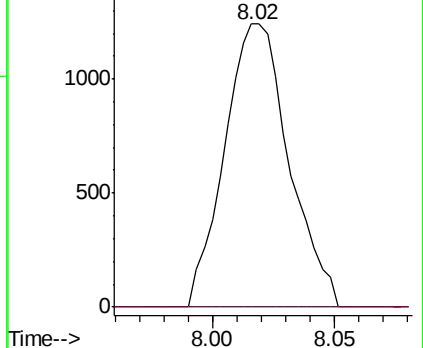
129 100

127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 2.388 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010910.D

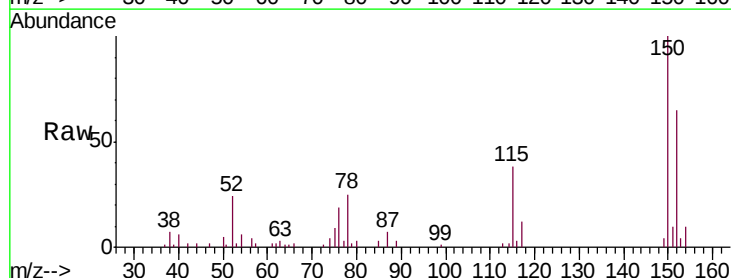
Acq: 15 May 2019 22:43

Tgt Ion: 75 Resp: 1142

Ion Ratio Lower Upper

75 100

77 34.5 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

