

Data File : VV010817.D
Acq On : 10 May 2019 16:47
Operator : SY/MD
Sample : K2737-05
Misc : 4.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB851RE

Quant Time: May 10 23:04:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	58773	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	53200	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	14131	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19146	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.88%
7) Chloroethane-d5	1.58	69	18565	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
10) 1,1-Dichloroethene-d2	2.13	63	31898	16.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.44%
20) 2-Butanone-d5	3.94	46	8821	32.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.40%
24) Chloroform-d	4.40	84	39868	24.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.52%
26) 1,2-Dichloroethane-d4	5.08	65	24970	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.80%
29) Benzene-d6	5.10	84	71977	25.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.80%
33) 1,2-Dichloropropane-d6	6.12	67	24964	27.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.92%
37) Toluene-d8	7.36	98	59641	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.96%
38) trans-1,3-Dichloropropene-	7.66	79	8428	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.88%
39) 2-Hexanone-d5	8.13	63	6393	34.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.48%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	17502	20.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	13477	24.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.52%

Target Compounds

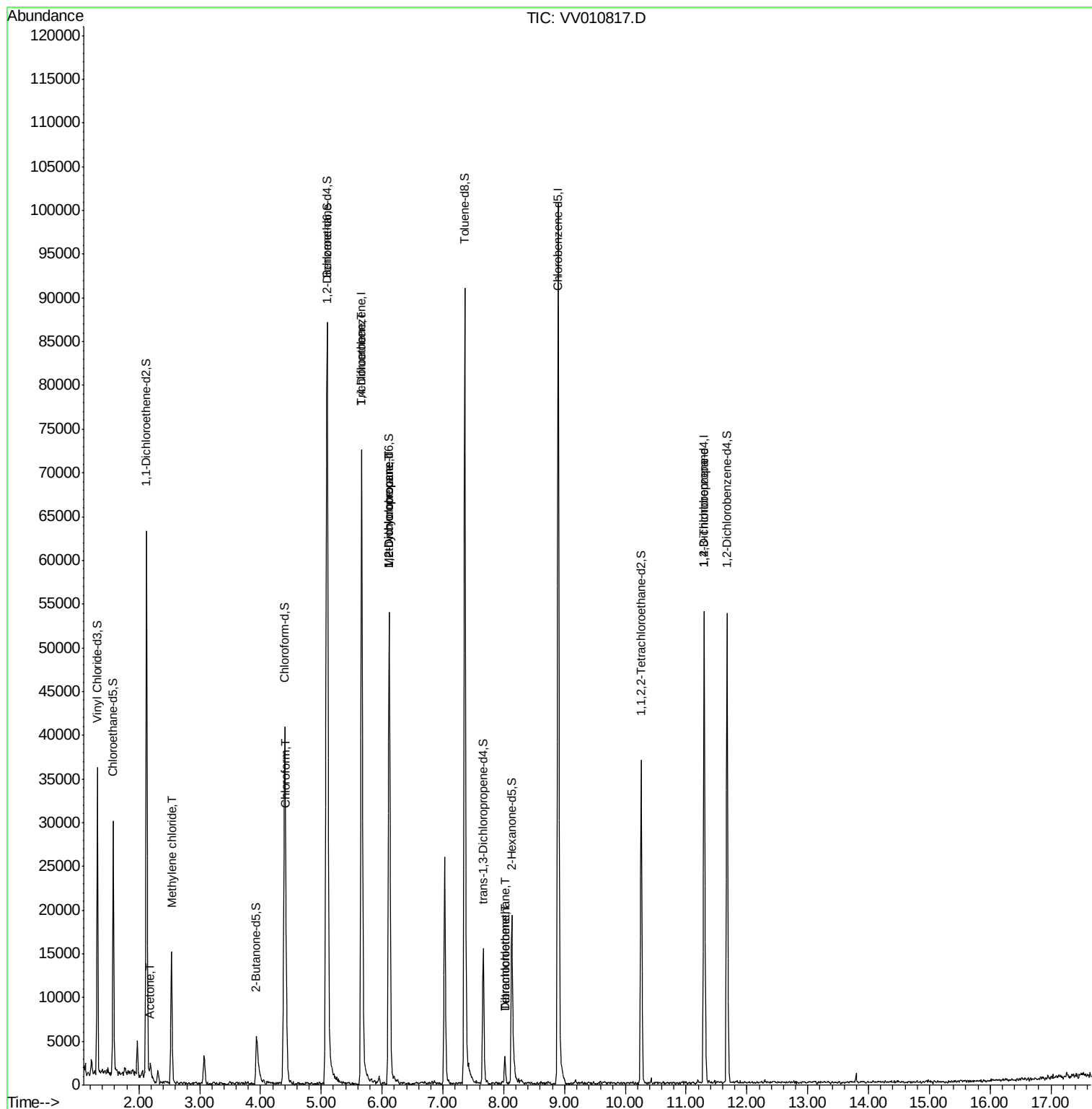
					Qvalue
13) Acetone	2.19	43	1014	2.391 ug/L	80
16) Methylene chloride	2.53	84	5642	6.209 ug/L	100
25) Chloroform	4.42	83	2239	1.259 ug/L #	65
35) Trichloroethene	5.67	95	1870	2.138 ug/L #	7
36) Methylcyclohexane	6.12	83	6009	4.286 ug/L #	17
40) 1,2-Dichloropropane	6.12	63	3280	3.948 ug/L #	87
47) Tetrachloroethene	8.02	164	716	1.130 ug/L	80
50) Dibromochloromethane	8.02	129	662	0.843 ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	1950	2.794 ug/L	99

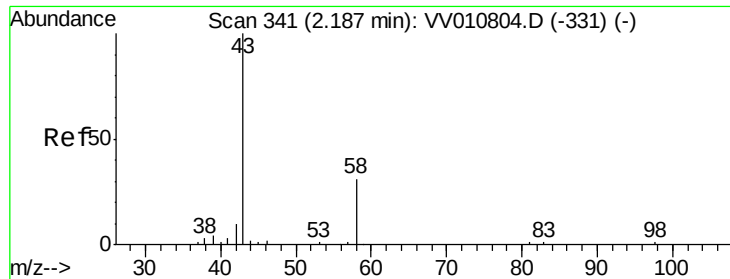
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010817.D
Acq On : 10 May 2019 16:47
Operator : SY/MD
Sample : K2737-05
Misc : 4.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB851RE

Quant Time: May 10 23:04:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.391 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010817.D

Acq: 10 May 2019 16:47

Instrument :

MSVOA_V

ClientSampleId :

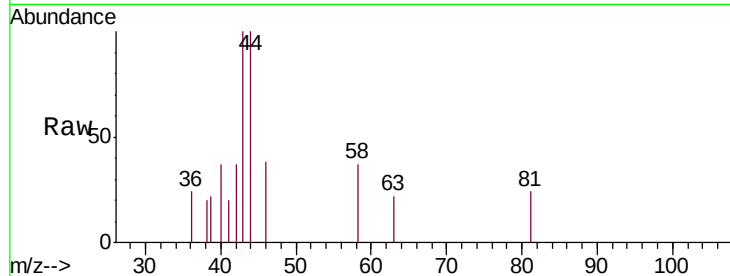
DB851RE

Tgt Ion: 43 Resp: 1014

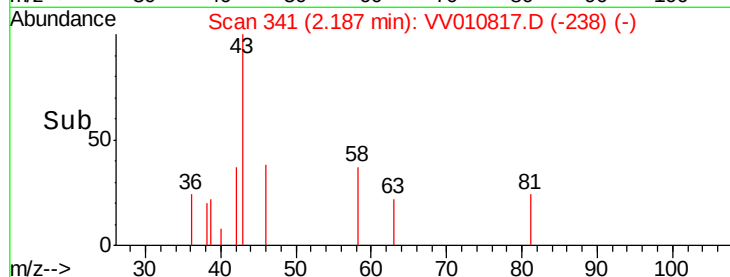
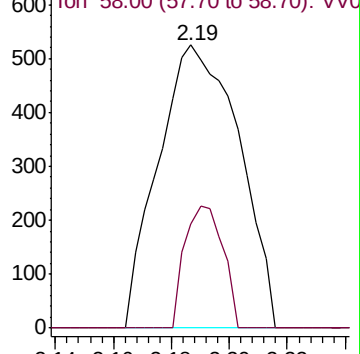
Ion Ratio Lower Upper

43 100

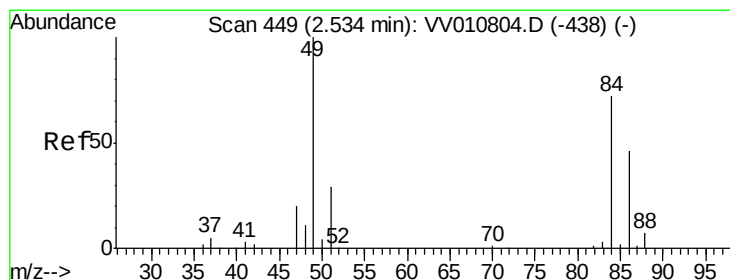
58 20.5 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010804.D (-331) (-)



Time-->



#16

Methylene chloride

Concen: 6.209 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010817.D

Acq: 10 May 2019 16:47

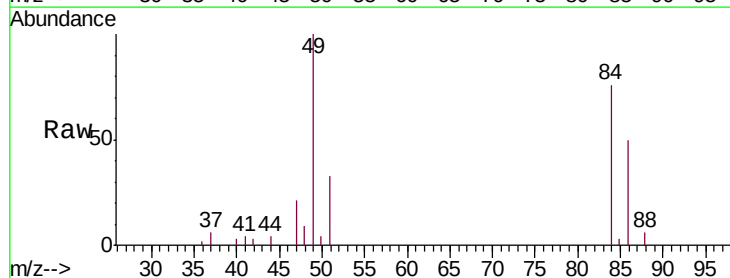
Tgt Ion: 84 Resp: 5642

Ion Ratio Lower Upper

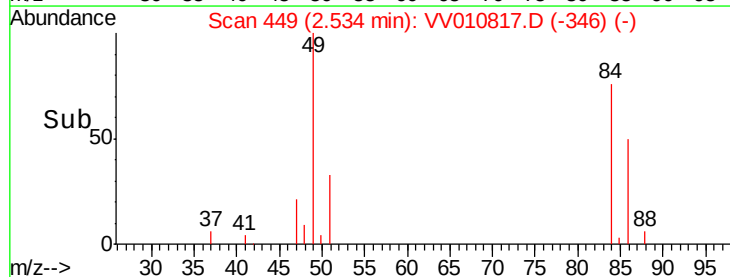
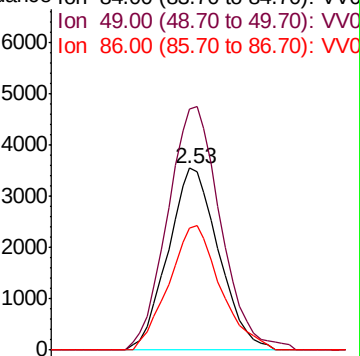
84 100

49 132.4 92.9 172.5

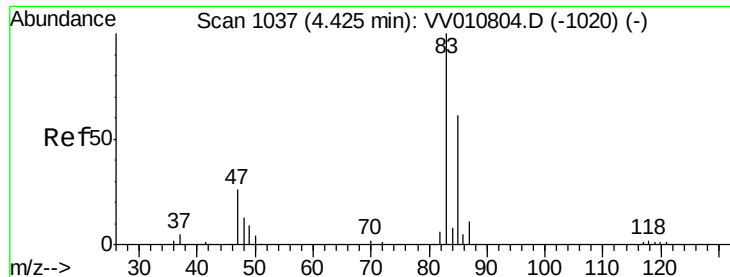
86 66.7 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010804.D (-438) (-)



Time-->



#25

Chloroform

Concen: 1.259 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010817.D

Acq: 10 May 2019 16:47

Instrument :

MSVOA_V

ClientSampleId :

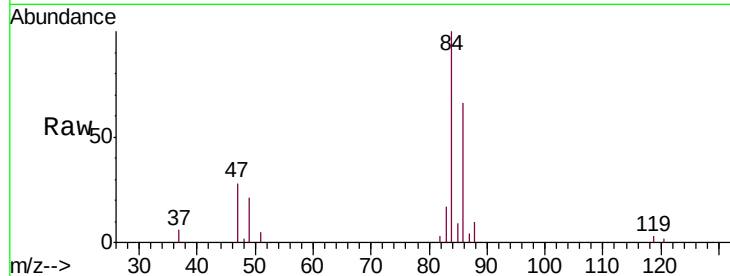
DB851RE

Tgt Ion: 83 Resp: 2239

Ion Ratio Lower Upper

83 100

85 36.4 44.6 82.8#



Abundance Ion 83.00 (82.70 to 83.70): VV010817.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV010817.D (-934) (-)

4.42

800

600

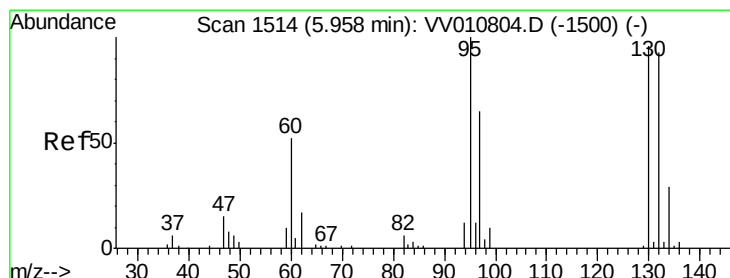
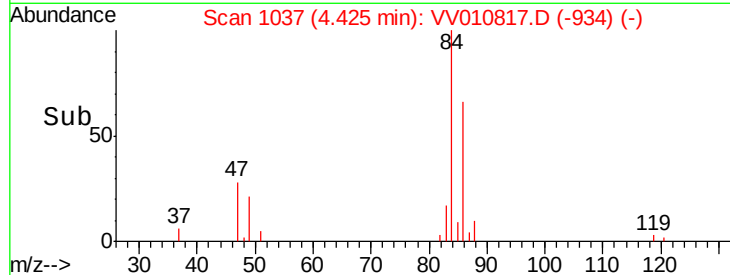
400

200

0

4.35 4.40 4.45

Time-->



#35

Trichloroethene

Concen: 2.138 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV010817.D

Acq: 10 May 2019 16:47

Tgt Ion: 95 Resp: 1870

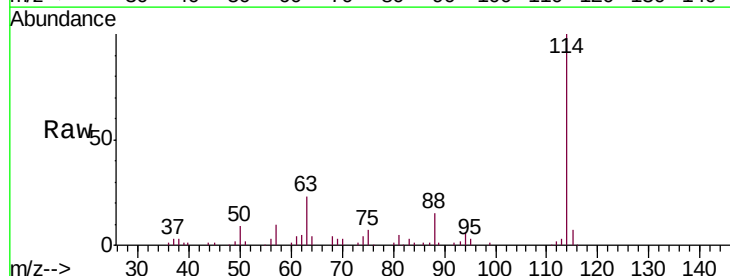
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



Abundance Ion 95.00 (94.70 to 95.70): VV010817.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV010817.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV010817.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV010817.D (-1411) (-)

1500

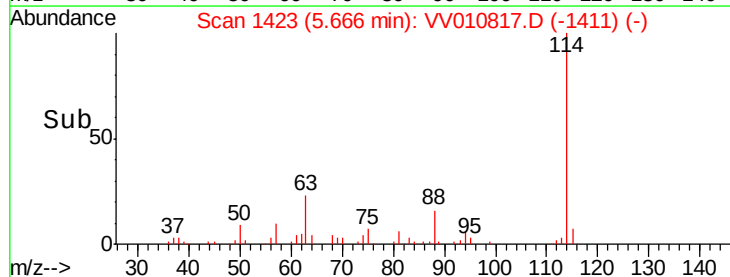
1000

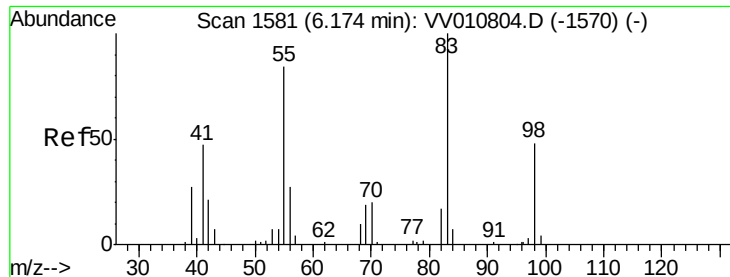
500

0

5.60 5.65 5.70

Time-->

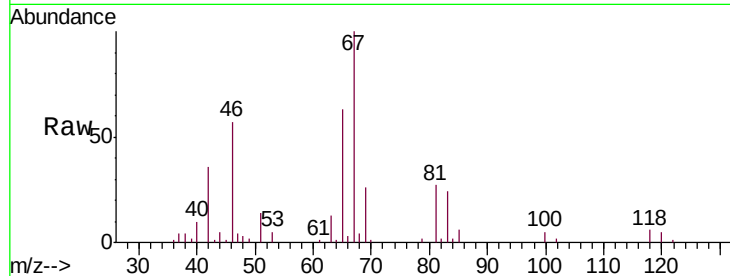




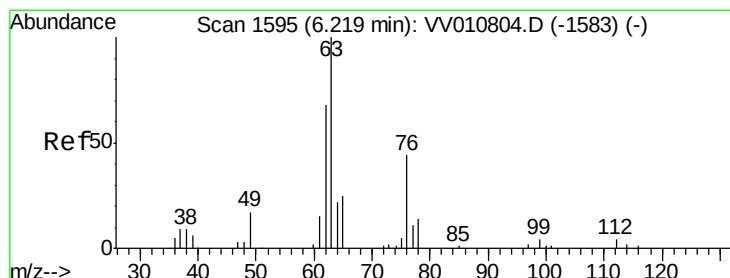
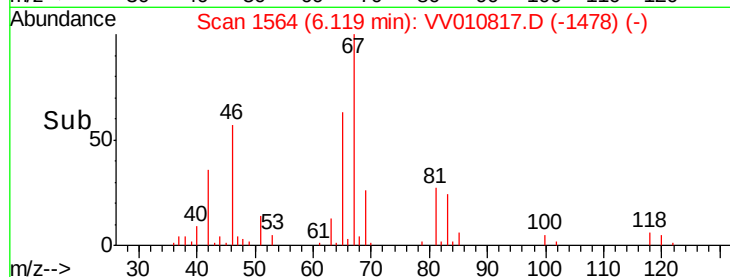
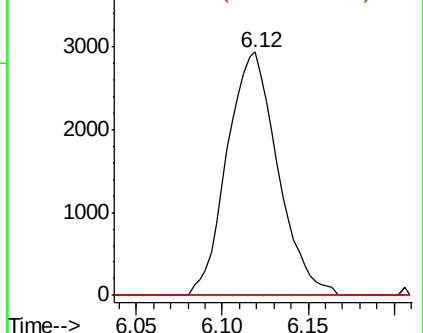
#36
Methylcyclohexane
Concen: 4.286 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010817.D
Acq: 10 May 2019 16:47

Instrument :
MSVOA_V
ClientSampleId :
DB851RE

Tgt Ion: 83 Resp: 6009
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 1.2 37.7 56.5#

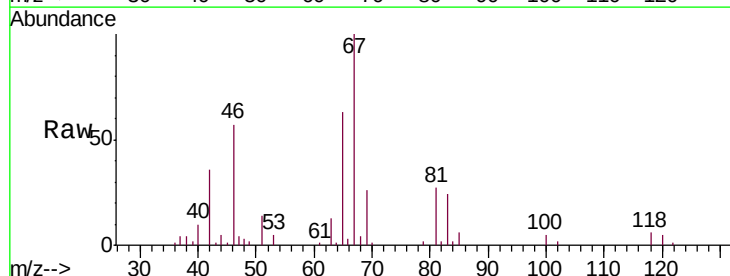


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

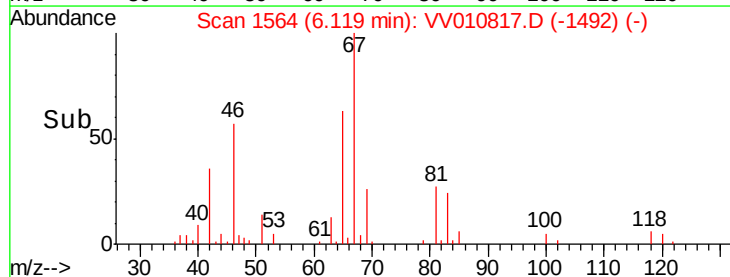
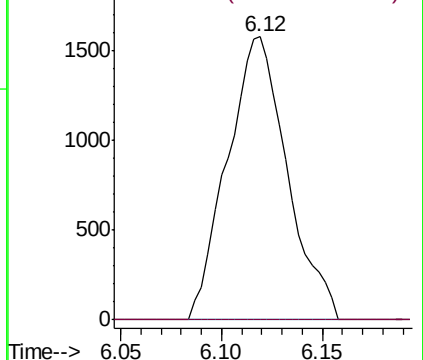


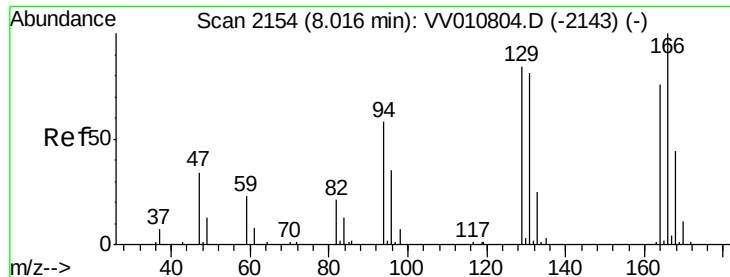
#40
1,2-Dichloropropane
Concen: 3.948 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010817.D
Acq: 10 May 2019 16:47

Tgt Ion: 63 Resp: 3280
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#47

Tetrachloroethene

Concen: 1.130 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010817.D

Acq: 10 May 2019 16:47

Instrument :

MSVOA_V

ClientSampleId :

DB851RE

Tgt Ion:164 Resp: 716

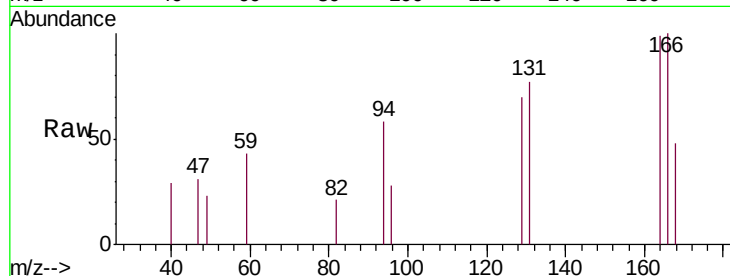
Ion Ratio Lower Upper

164 100

129 70.6 69.3 128.7

131 78.5 67.3 125.1

166 101.3 81.1 150.7

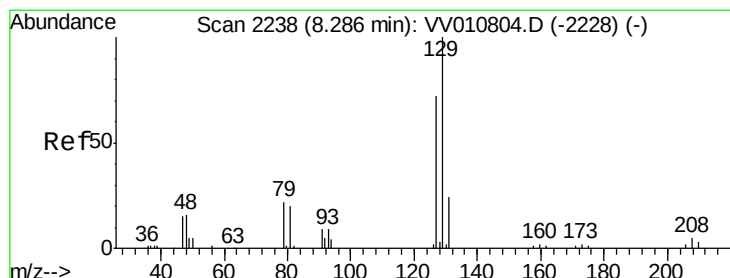
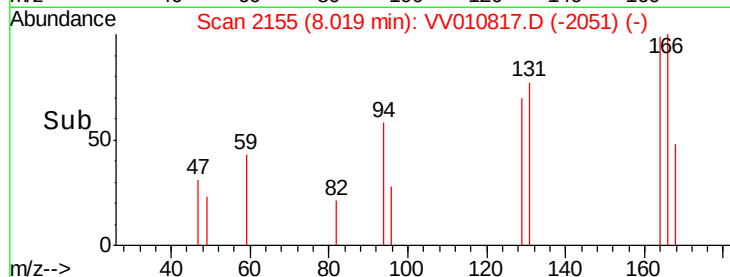
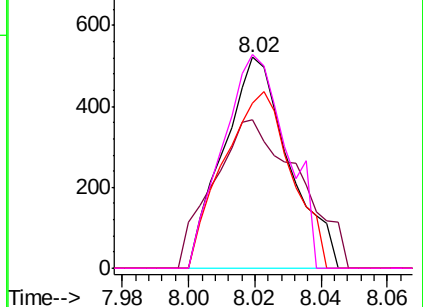


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 0.843 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010817.D

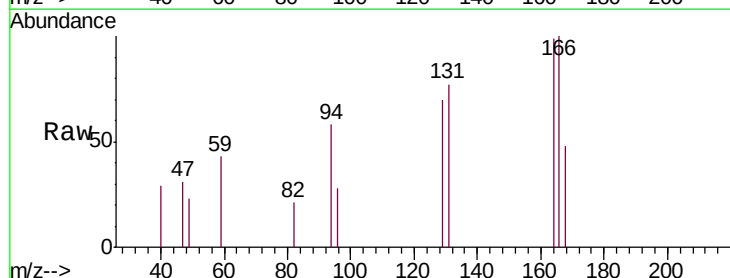
Acq: 10 May 2019 16:47

Tgt Ion:129 Resp: 662

Ion Ratio Lower Upper

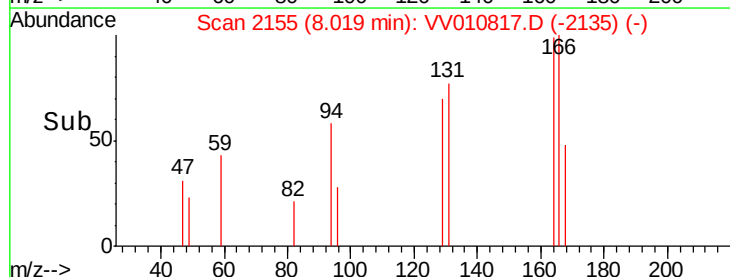
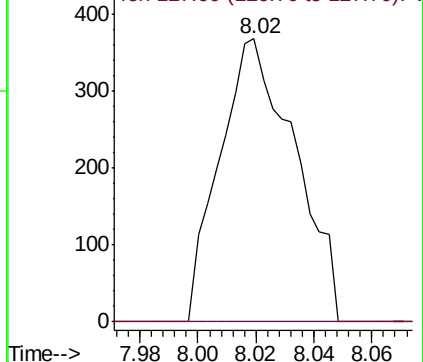
129 100

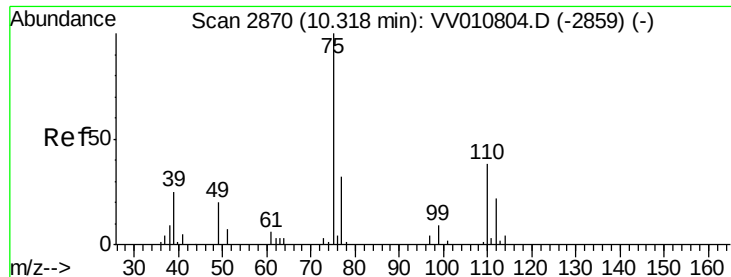
127 0.0 54.5 101.1#



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: 2.794 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010817.D

Acq: 10 May 2019 16:47

Instrument :

MSVOA_V

ClientSampleId :

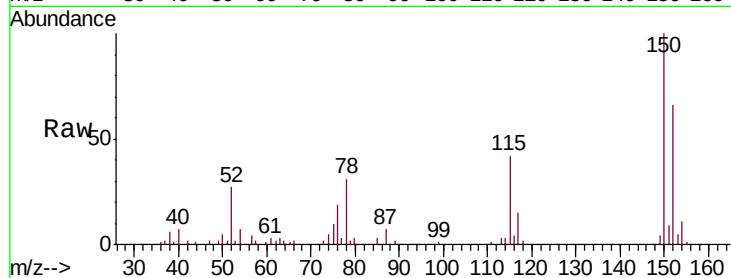
DB851RE

Tgt Ion: 75 Resp: 1950

Ion Ratio Lower Upper

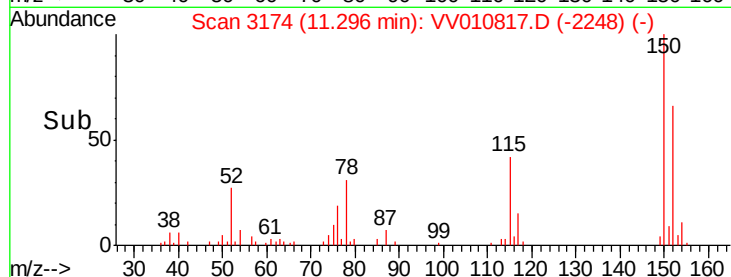
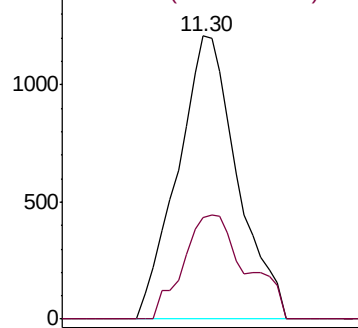
75 100

77 31.6 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time-->