

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010201.D
 Acq On : 09 Apr 2019 03:42
 Operator : SY/MD
 Sample : K2254-15
 Misc : 5.79G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC38

Quant Time: Apr 09 07:39:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177677	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131072	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34725	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39603	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
7) Chloroethane-d5	1.56	69	69299	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
10) 1,1-Dichloroethene-d2	2.12	63	57314	9.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.20%#
20) 2-Butanone-d5	3.94	46	40145	59.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.62%
24) Chloroform-d	4.39	84	106501	23.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	5.08	65	71303	28.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.88%
29) Benzene-d6	5.09	84	205863	30.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.16%
33) 1,2-Dichloropropane-d6	6.11	67	70767	35.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.12%#
37) Toluene-d8	7.36	98	173145	26.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.76%
38) trans-1,3-Dichloropropene-	7.66	79	15804	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.72%
39) 2-Hexanone-d5	8.14	63	26210	65.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	63310	32.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.00%#
61) 1,2-Dichlorobenzene-d4	11.67	152	37618	27.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.24%

Target Compounds

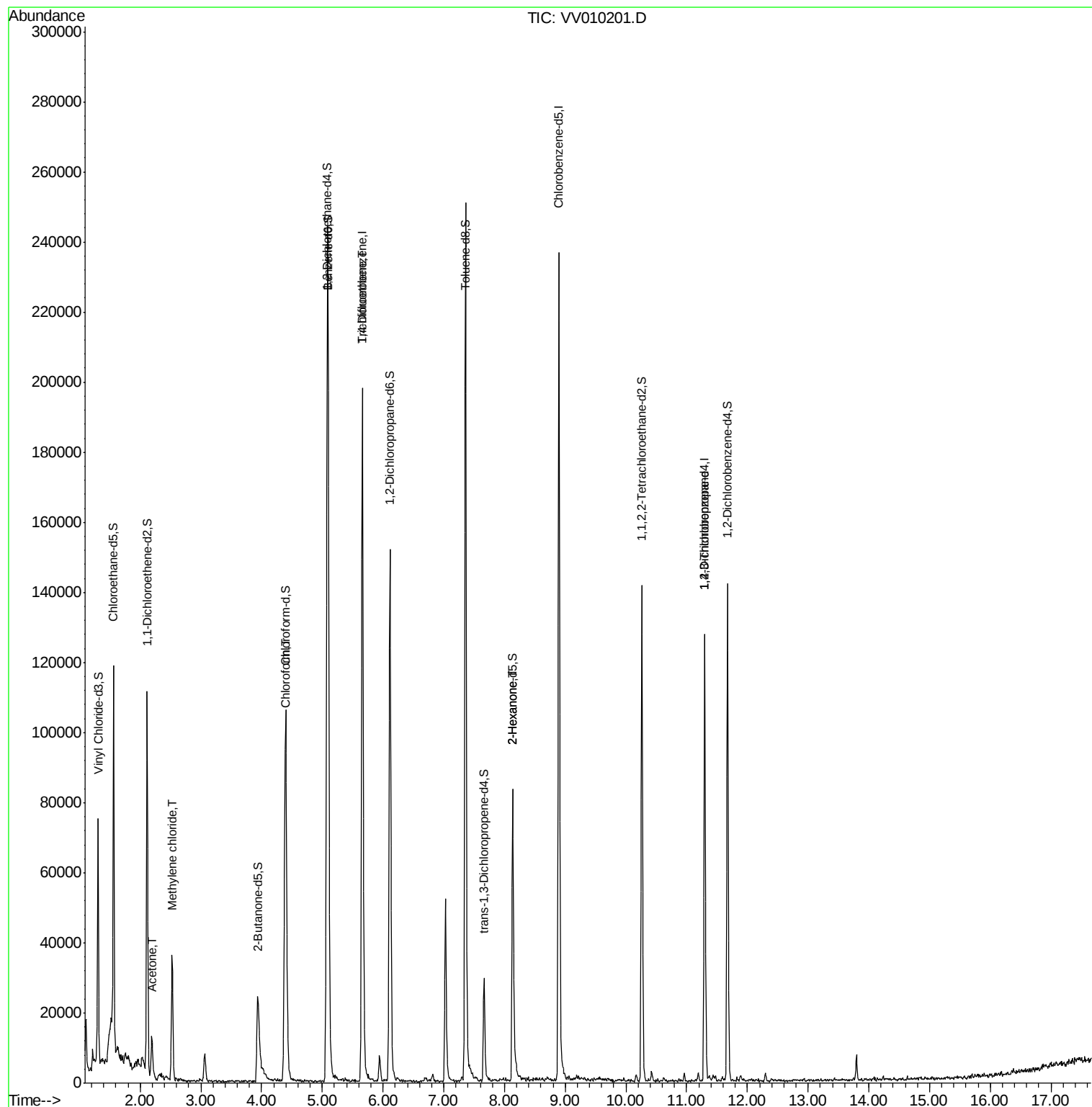
					Ovalue
13) Acetone	2.19	43	14543	21.732	ug/L 98
16) Methylene chloride	2.53	84	15946	5.108	ug/L 89
25) Chloroform	4.41	83	3648	0.903	ug/L # 1
35) Trichloroethene	5.66	95	5373	2.912	ug/L # 3
49) 2-Hexanone	8.13	43	3160	3.692	ug/L # 86
59) 1,2,3-Trichloropropane	11.30	75	3841	2.904	ug/L # 71

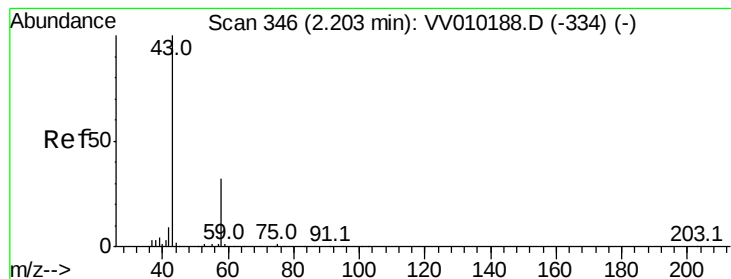
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.732 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010201.D

Acq: 09 Apr 2019 03:42

Instrument :

MSVOA_V

ClientSampleId :

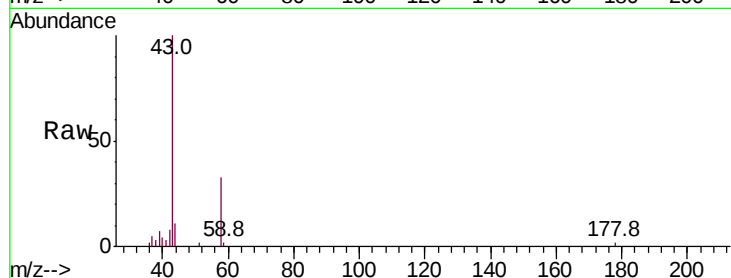
BFC38

Tot Ion: 43 Resp: 14543

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010188.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010188.D (-334) (-)

2.19

8000

6000

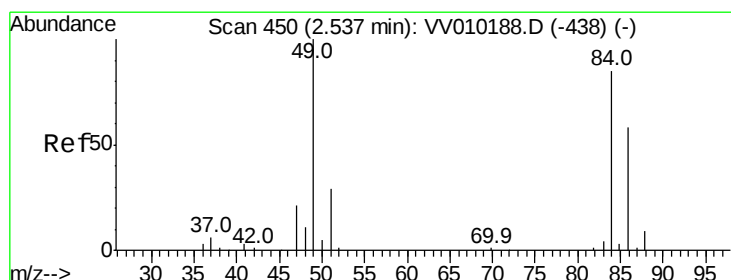
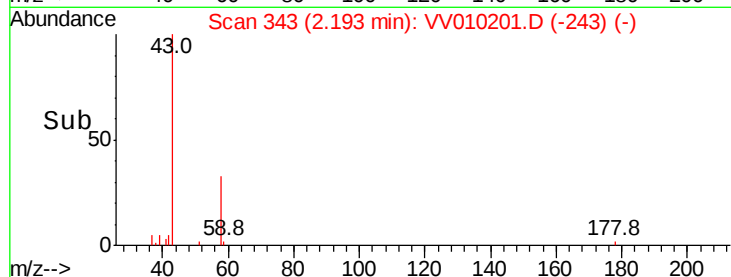
4000

2000

0

Time-->

2.15 2.20 2.25 2.30



#16

Methylene chloride

Concen: 5.108 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.01 min

Lab File: VV010201.D

Acq: 09 Apr 2019 03:42

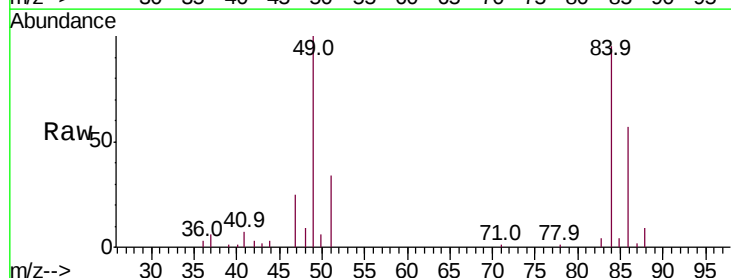
Tgt Ion: 84 Resp: 15946

Ion Ratio Lower Upper

84 100

49 105.6 84.3 156.5

86 59.9 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010188.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010188.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010188.D (-438) (-)

2.53

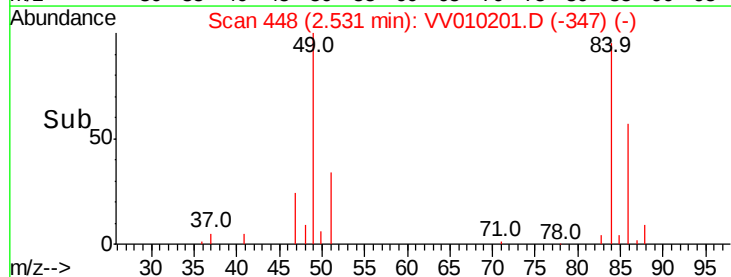
10000

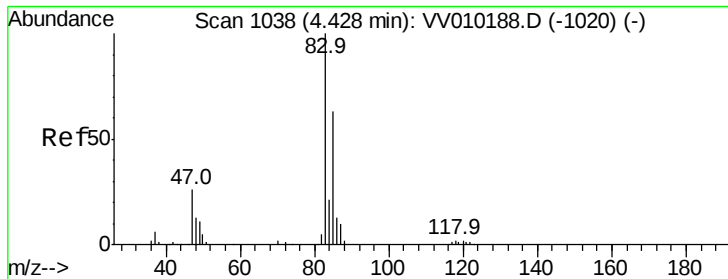
5000

0

Time-->

2.45 2.50 2.55 2.60





#25

Chloroform

Concen: 0.903 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. -0.02 min

Lab File: VV010201.D

Acq: 09 Apr 2019 03:42

Instrument :

MSVOA_V

ClientSampleId :

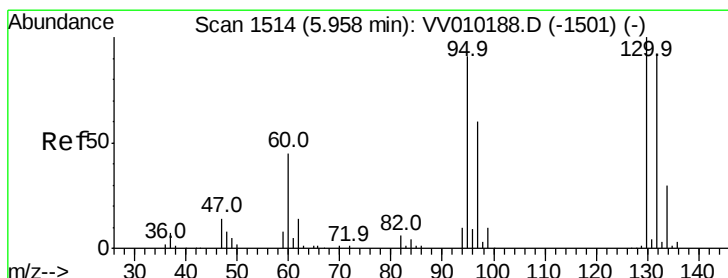
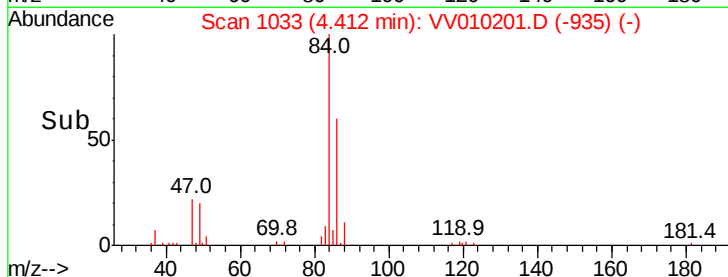
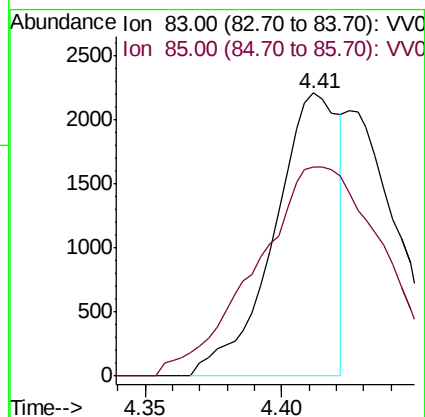
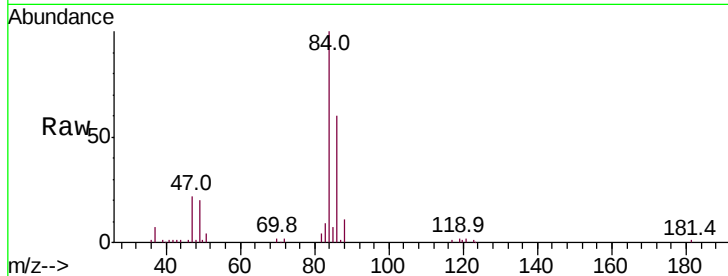
BFC38

Tot Ion: 83 Resp: 3648

Ion Ratio Lower Upper

83 100

85 146.5 46.4 86.2#



#35

Trichloroethene

Concen: 2.912 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV010201.D

Acq: 09 Apr 2019 03:42

Tgt Ion: 95 Resp: 5373

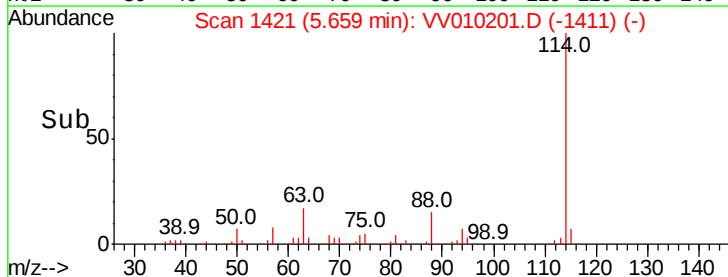
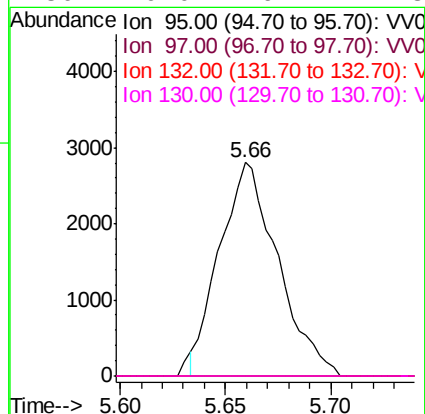
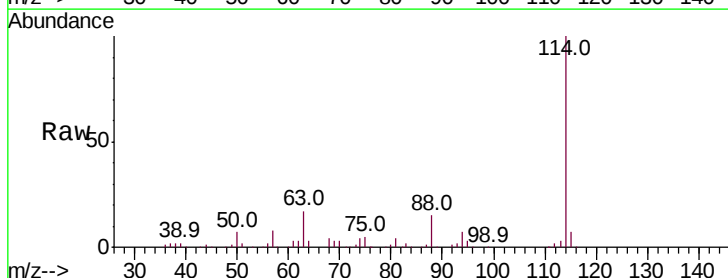
Ion Ratio Lower Upper

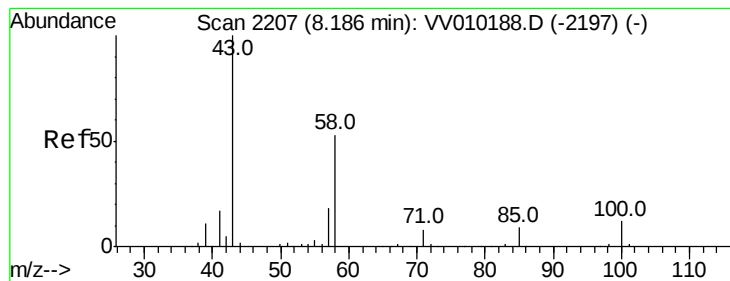
95 100

97 0.9 45.8 85.2#

132 0.0 70.6 131.0#

130 0.0 76.1 141.3#





#49

2-Hexanone

Concen: 3.692 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV010201.D

Acq: 09 Apr 2019 03:42

Instrument :

MSVOA_V

ClientSampleId :

BFC38

Tot Ion: 43 Resp: 3160

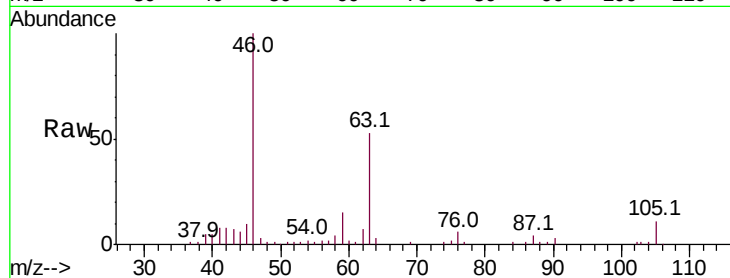
Ion Ratio Lower Upper

43 100

58 54.2 44.3 66.5

57 34.9 13.8 20.8#

100 0.0 10.6 15.8#

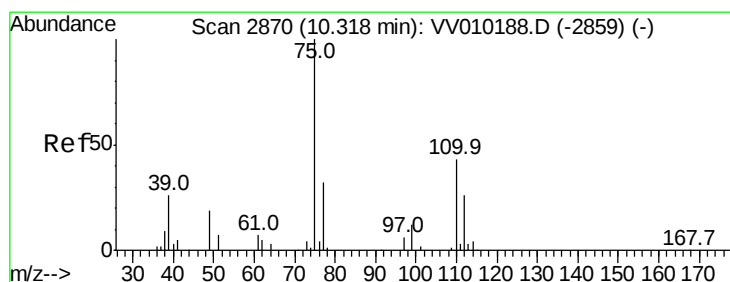
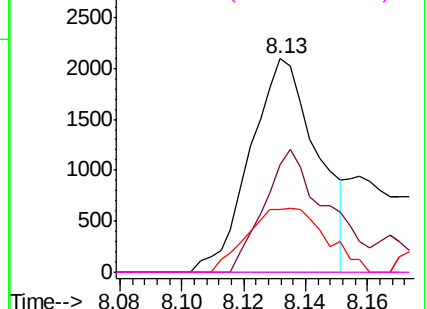
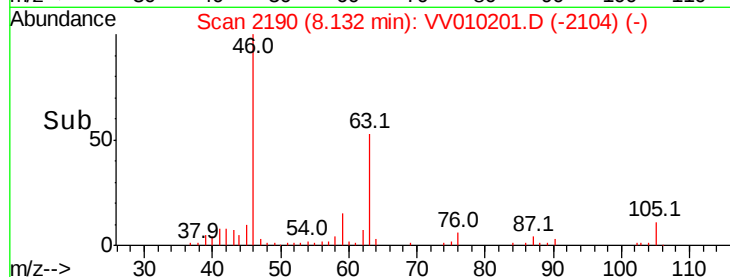


Abundance Ion 43.00 (42.70 to 43.70): VV010188.D (-2197) (-)

Ion 58.00 (57.70 to 58.70): VV010188.D (-2197) (-)

Ion 57.00 (56.70 to 57.70): VV010188.D (-2197) (-)

Ion 100.00 (99.70 to 100.70): VV010188.D (-2197) (-)



#59

1,2,3-Trichloropropane

Concen: 2.904 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010201.D

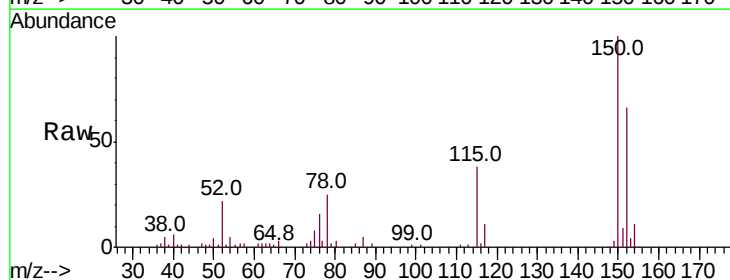
Acq: 09 Apr 2019 03:42

Tgt Ion: 75 Resp: 3841

Ion Ratio Lower Upper

75 100

77 48.6 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV010188.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010188.D (-2859) (-)

