

Data File : VV011089.D
Acq On : 29 May 2019 04:59
Operator : SY/MD
Sample : K3016-18
Misc : 6.19G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D5

Quant Time: May 29 07:16:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 07:13:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	432517	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387400	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140481	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	138781	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
7) Chloroethane-d5	1.56	69	109216	25.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.24%
10) 1,1-Dichloroethene-d2	2.12	63	214340	19.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.72%
20) 2-Butanone-d5	3.93	46	140932	68.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.90%#
24) Chloroform-d	4.39	84	302859	28.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.48%
26) 1,2-Dichloroethane-d4	5.07	65	199096	29.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.76%
29) Benzene-d6	5.09	84	637790	28.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.48%
33) 1,2-Dichloropropane-d6	6.11	67	211823	29.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.40%
37) Toluene-d8	7.36	98	546780	26.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.60%
38) trans-1,3-Dichloropropene-	7.66	79	87273	25.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.84%
39) 2-Hexanone-d5	8.13	63	105673	67.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	187810	30.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.08%#
61) 1,2-Dichlorobenzene-d4	11.67	152	152473	27.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.80%

Target Compounds

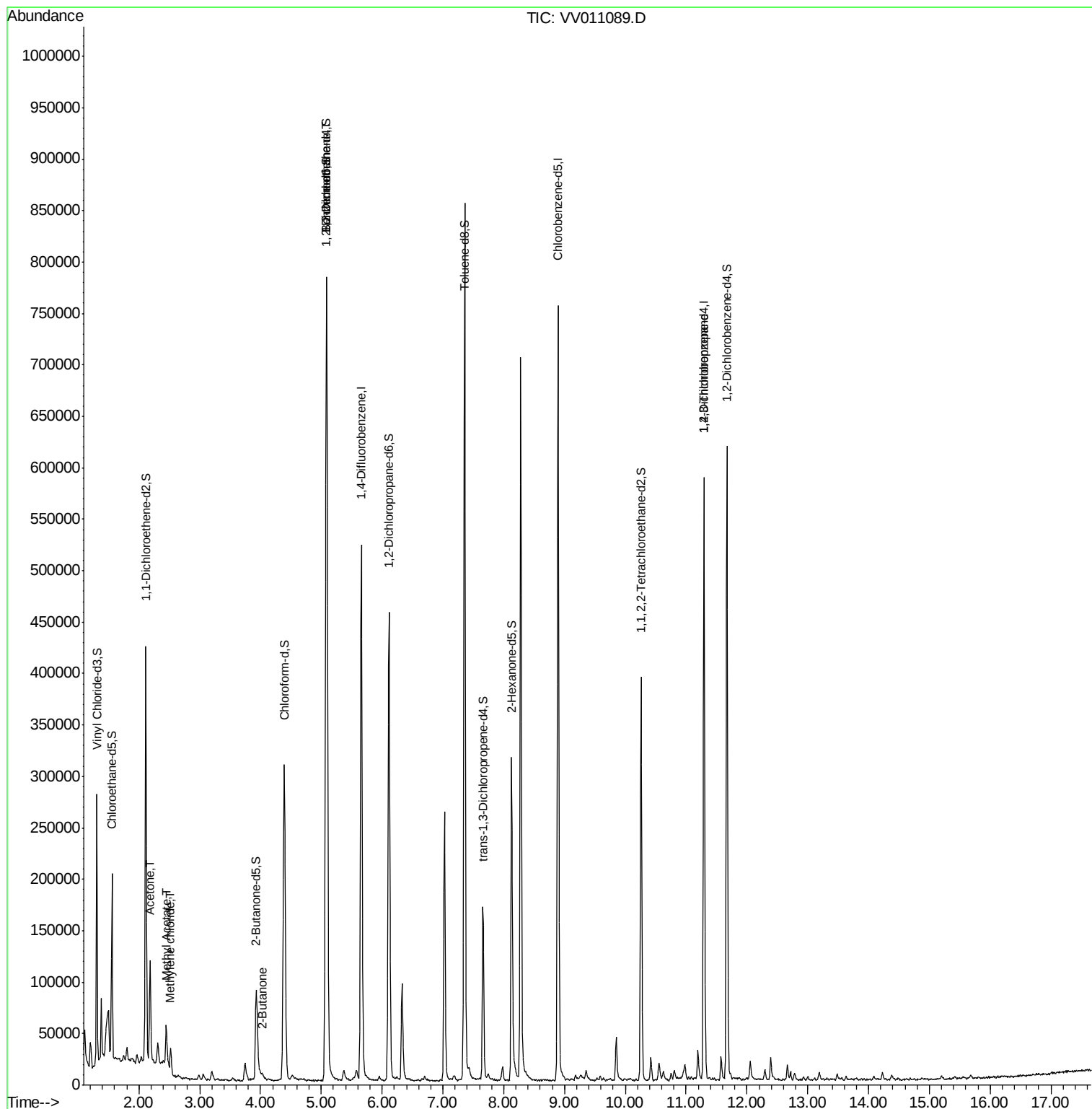
					Qvalue
13) Acetone	2.18	43	93235	40.269 ug/L	100
15) Methyl Acetate	2.45	43	39263	11.749 ug/L #	100
16) Methylene chloride	2.52	84	9517	1.505 ug/L	97
21) 2-Butanone	4.03	43	6364	2.232 ug/L	81
27) 1,2-Dichloroethane	5.09	62	4255	0.536 ug/L	97
59) 1,2,3-Trichloropropane	11.29	75	19713	4.232 ug/L	90

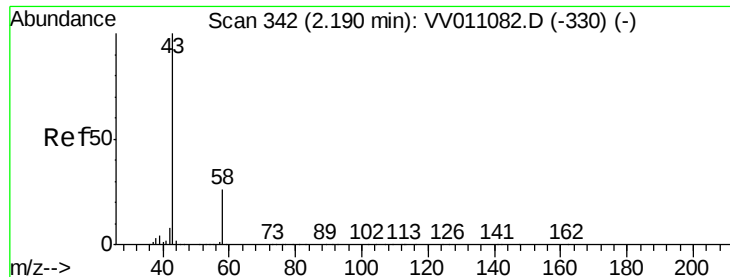
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 29 07:13:03 2019
Response via : Initial Calibration





#13

Acetone

Concen: 40.269 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Acq: 29 May 2019 04:59

Instrument :

MSVOA_V

ClientSampleId :

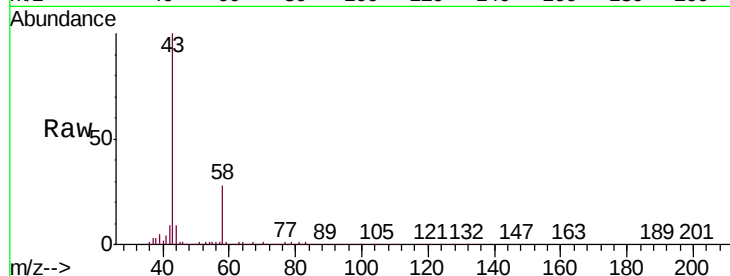
A51D5

Tgt Ion: 43 Resp: 93235

Ion Ratio Lower Upper

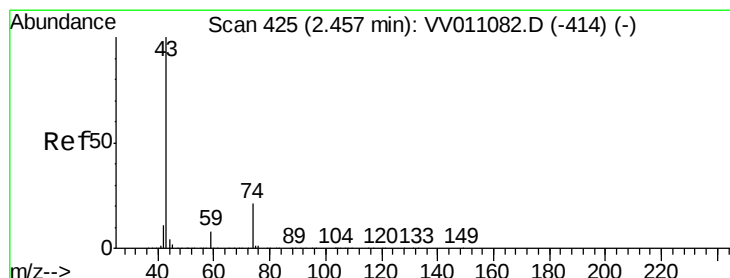
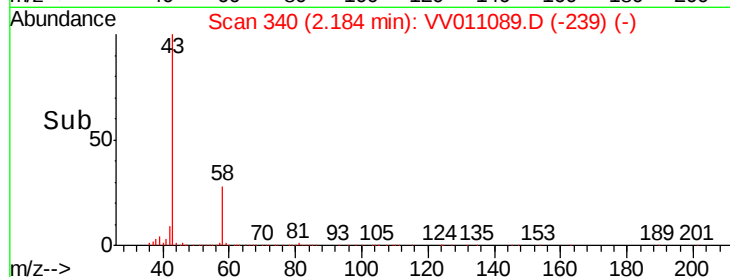
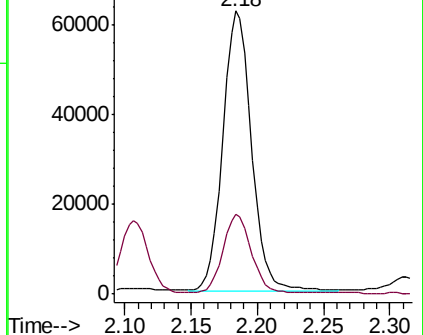
43 100

58 27.6 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV011089.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011089.D (-330) (-)



#15

Methyl Acetate

Concen: 11.749 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.01 min

Lab File: VV011089.D

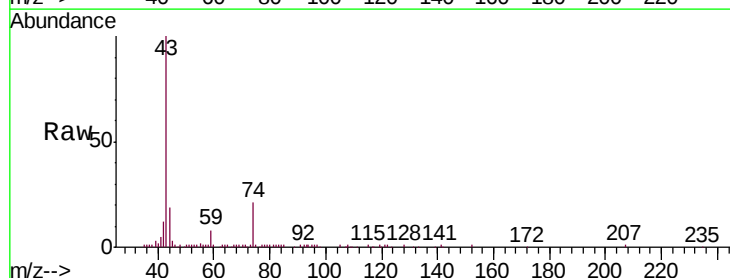
Acq: 29 May 2019 04:59

Tgt Ion: 43 Resp: 39263

Ion Ratio Lower Upper

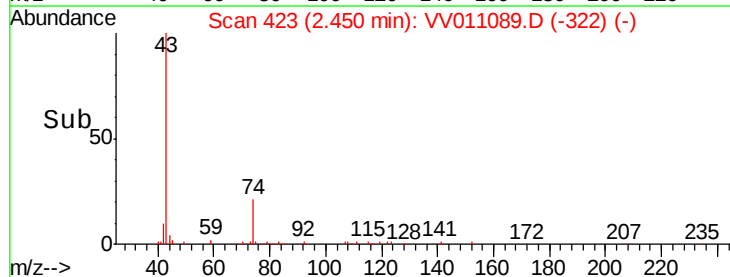
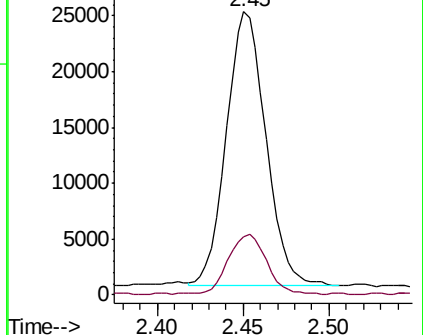
43 100

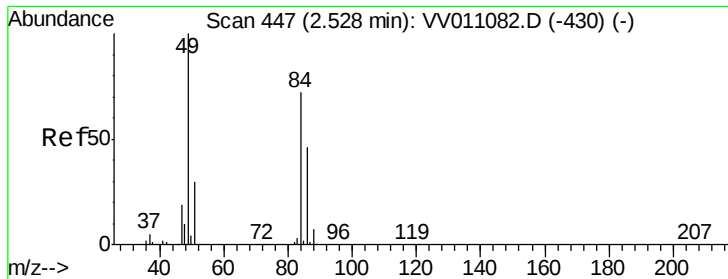
74 21.7 0.0 0.0#



Abundance Ion 43.00 (42.70 to 43.70): VV011089.D (-322) (-)

Ion 74.00 (73.70 to 74.70): VV011089.D (-322) (-)

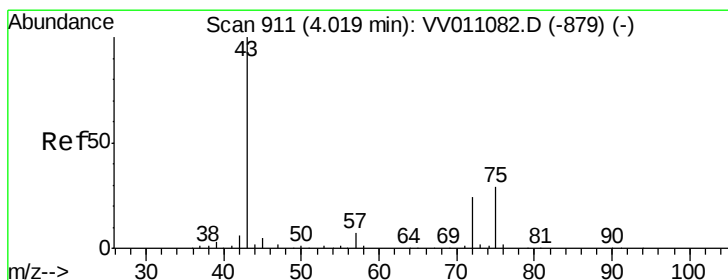
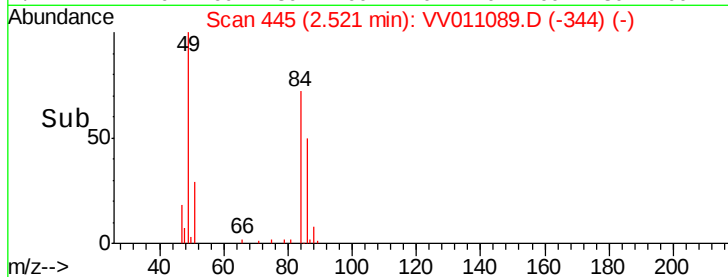
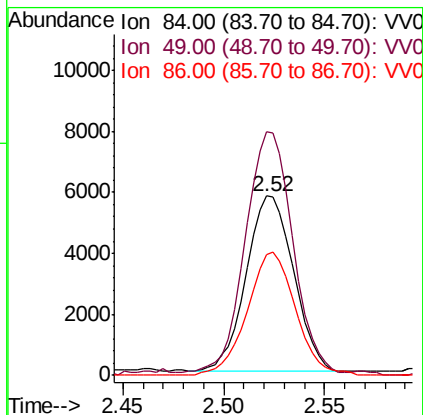
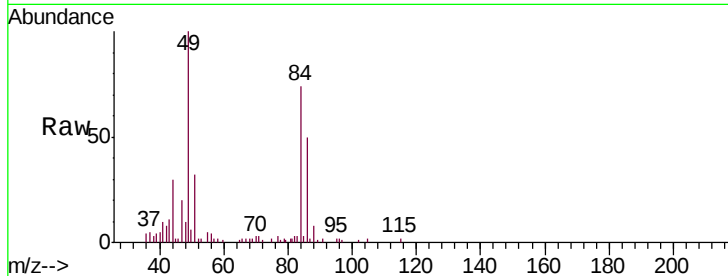




#16
Methylene chloride
Concen: 1.505 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.01 min
Lab File: VV011089.D
Acq: 29 May 2019 04:59

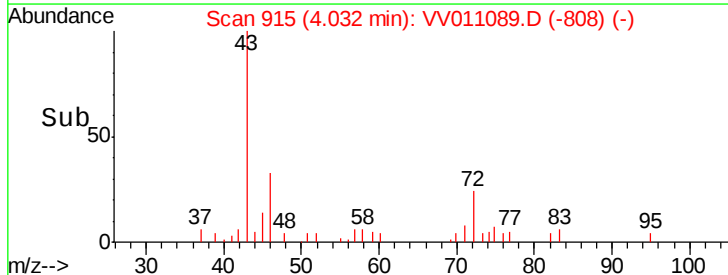
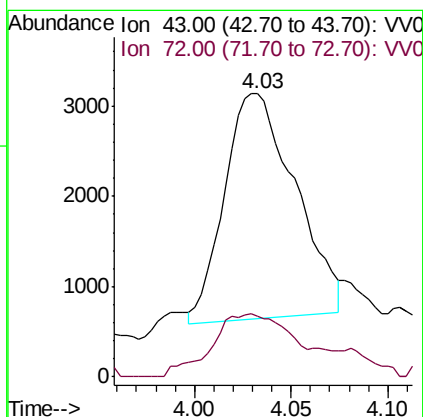
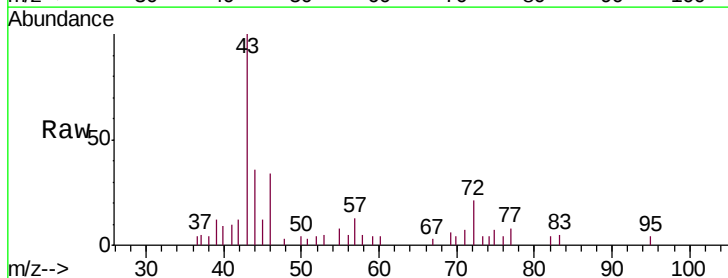
Instrument :
MSVOA_V
ClientSampled :
A51D5

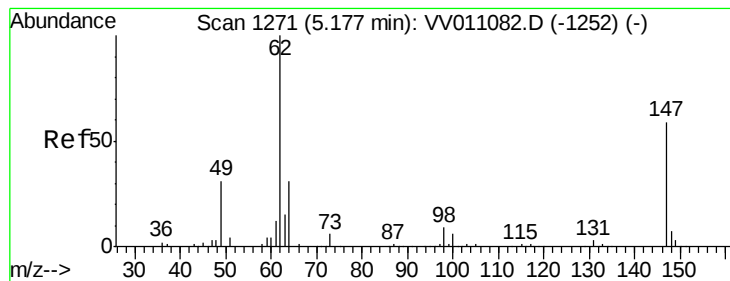
Tgt Ion: 84 Resp: 9517
Ion Ratio Lower Upper
84 100
49 135.7 98.0 182.0
86 67.5 45.4 84.4



#21
2-Butanone
Concen: 2.232 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.01 min
Lab File: VV011089.D
Acq: 29 May 2019 04:59

Tgt Ion: 43 Resp: 6364
Ion Ratio Lower Upper
43 100
72 30.4 10.7 31.9





#27

1,2-Dichloroethane

Concen: 0.536 ug/L

RT: 5.09 min Scan# 1244

Delta R.T. -0.09 min

Lab File: VV011089.D

Acq: 29 May 2019 04:59

Instrument :

MSVOA_V

ClientSampleId :

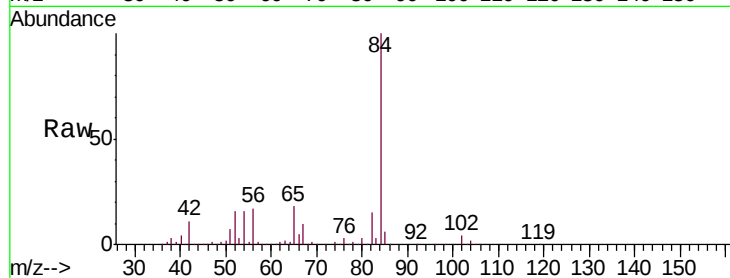
A51D5

Tgt Ion: 62 Resp: 4255

Ion Ratio Lower Upper

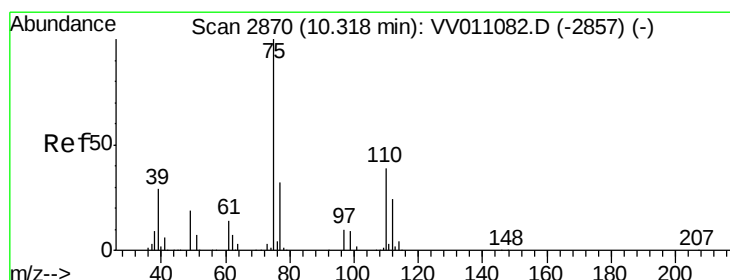
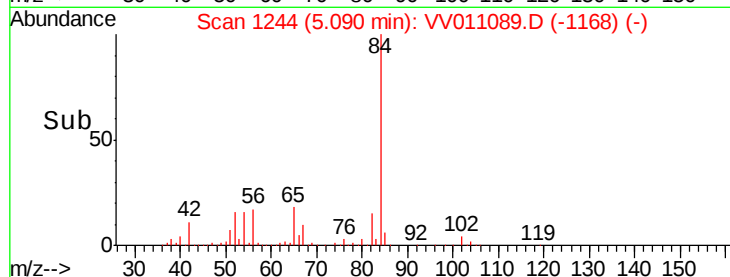
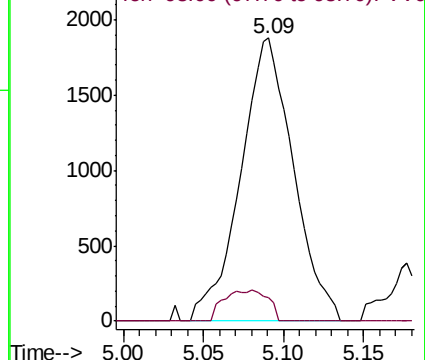
62 100

98 8.3 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#59

1,2,3-Trichloropropane

Concen: 4.232 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011089.D

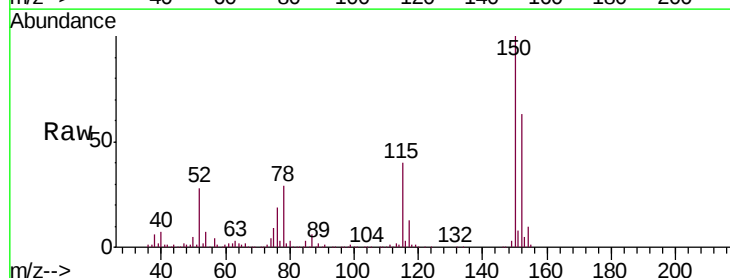
Acq: 29 May 2019 04:59

Tgt Ion: 75 Resp: 19713

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

