

Data File : VV009944.D
Acq On : 27 Mar 2019 23:29
Operator : SY/MD
Sample : K2128-06
Misc : 4.99G/10mL/MSVOA_V/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0M1

Quant Time: Mar 28 07:21:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144981	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148870	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58235	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61465	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.56%
7) Chloroethane-d5	1.57	69	73435	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
10) 1,1-Dichloroethene-d2	2.12	63	135683	16.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.44%
20) 2-Butanone-d5	3.93	46	30219	55.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.24%
24) Chloroform-d	4.40	84	85795	23.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.08	65	58653	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.56%
29) Benzene-d6	5.10	84	184727	23.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.52%
33) 1,2-Dichloropropane-d6	6.12	67	58379	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.08%
37) Toluene-d8	7.36	98	160850	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.96%
38) trans-1,3-Dichloropropene-	7.66	79	19462	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.20%
39) 2-Hexanone-d5	8.13	63	22128	51.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.66%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53049	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	55683	25.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.44%

Target Compounds

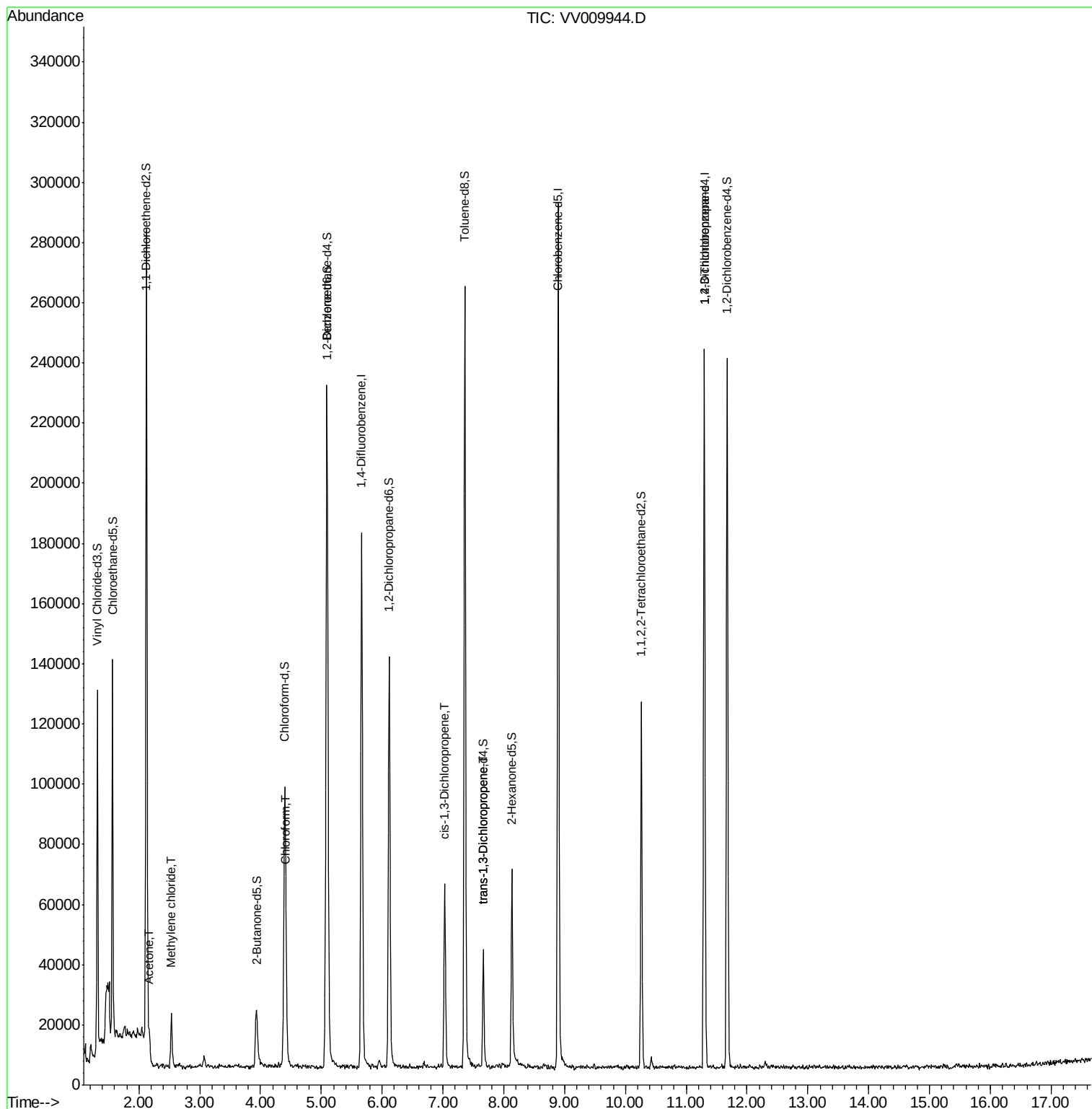
					Qvalue
13) Acetone	2.18	43	1518	1.829 ug/L	83
16) Methylene chloride	2.54	84	6554	2.745 ug/L	92
25) Chloroform	4.43	83	7708	2.007 ug/L	85
42) cis-1,3-Dichloropropene	7.03	75	1693	0.568 ug/L #	78
45) trans-1,3-Dichloropropene	7.66	75	1595	0.654 ug/L	95
59) 1,2,3-Trichloropropane	11.30	75	9271	5.641 ug/L #	85

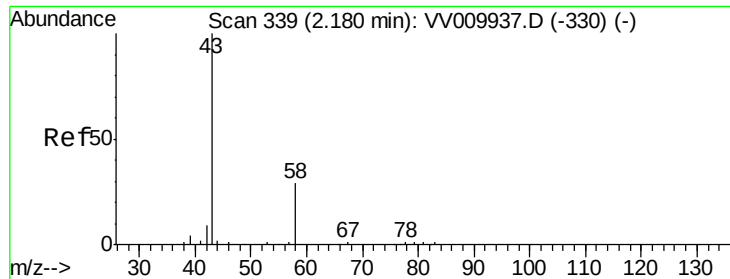
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.829 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

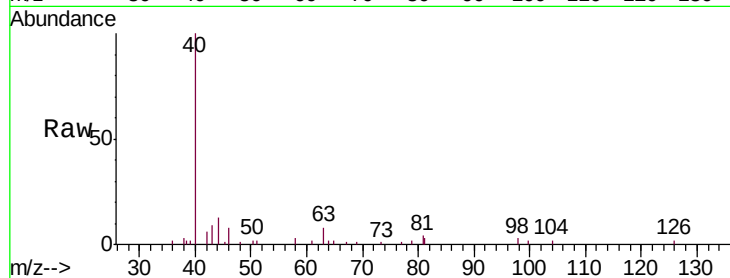
BF0M1

Tgt Ion: 43 Resp: 1518

Ion Ratio Lower Upper

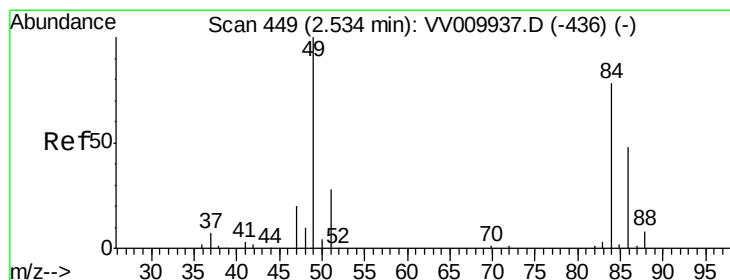
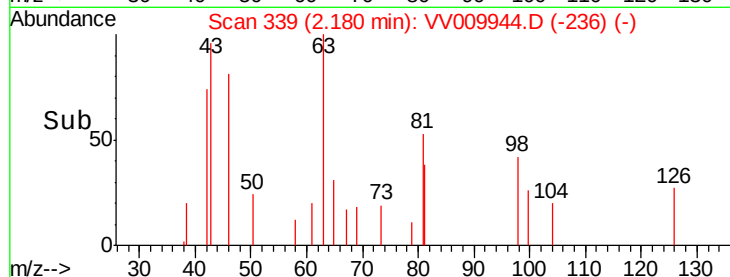
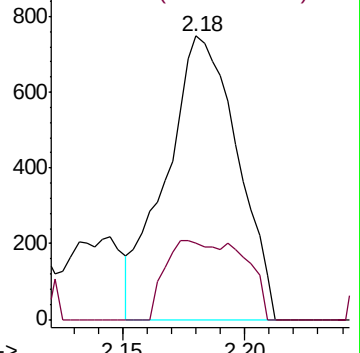
43 100

58 20.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.745 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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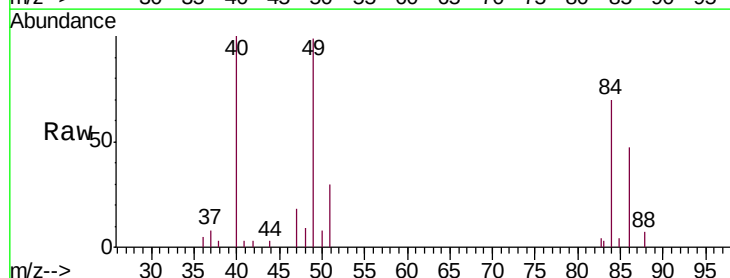
Tgt Ion: 84 Resp: 6554

Ion Ratio Lower Upper

84 100

49 140.7 90.4 167.8

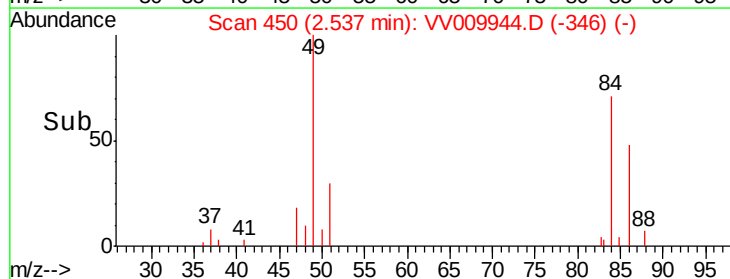
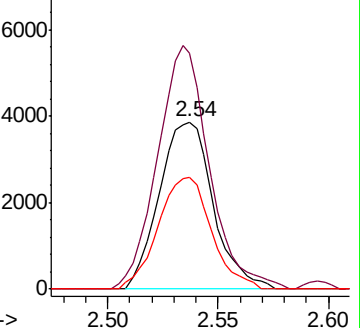
86 66.9 44.0 81.6

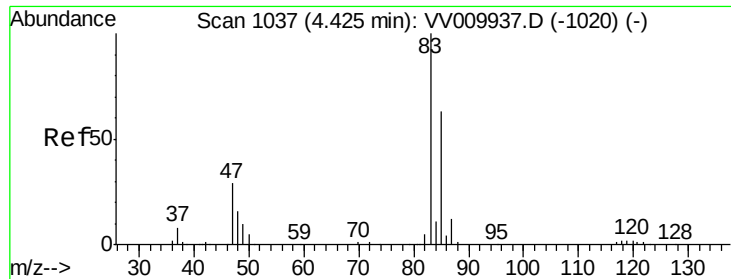


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

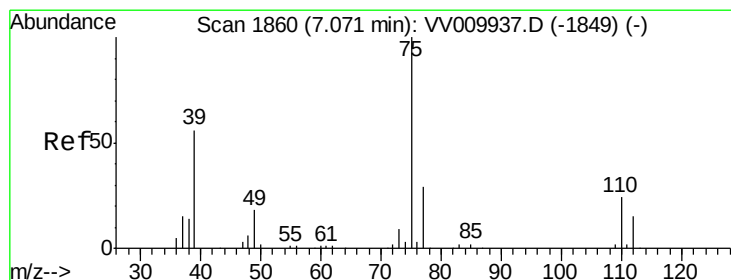
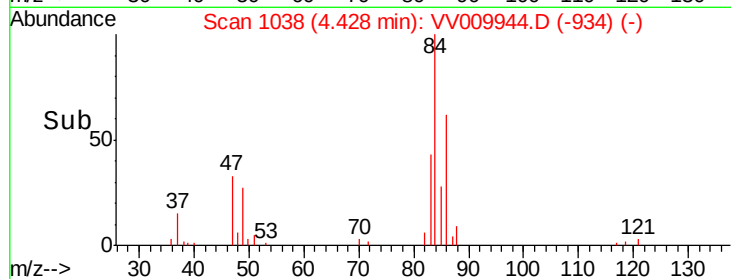
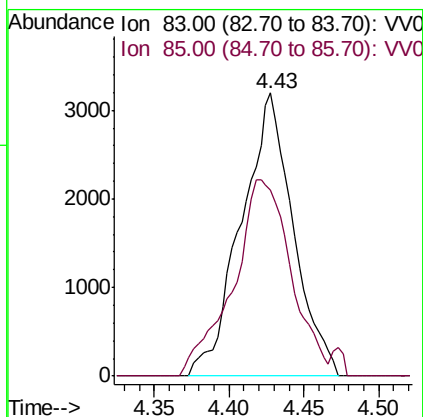
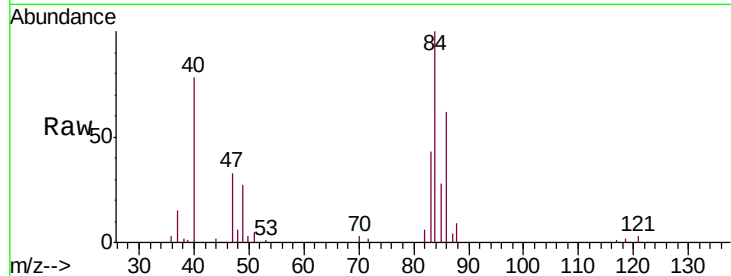




#25
Chloroform
Concen: 2.007 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009944.D
Acq: 27 Mar 2019 23:29

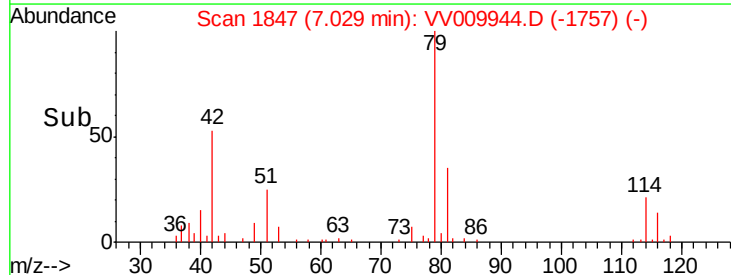
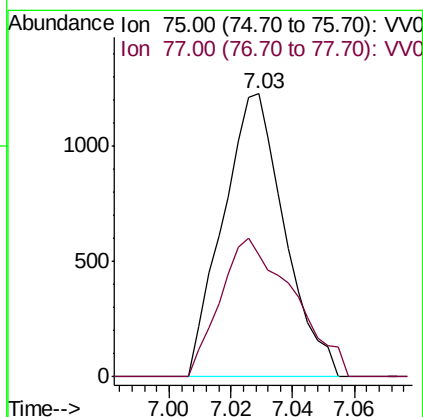
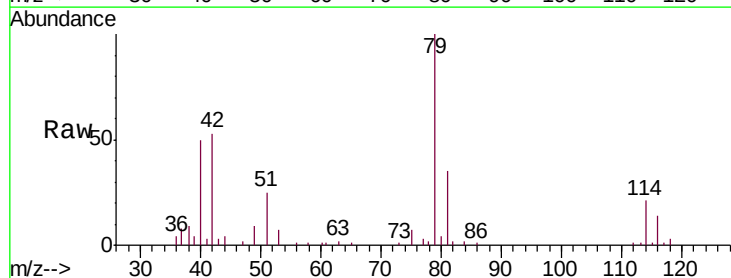
Instrument :
MSVOA_V
ClientSampleId :
BF0M1

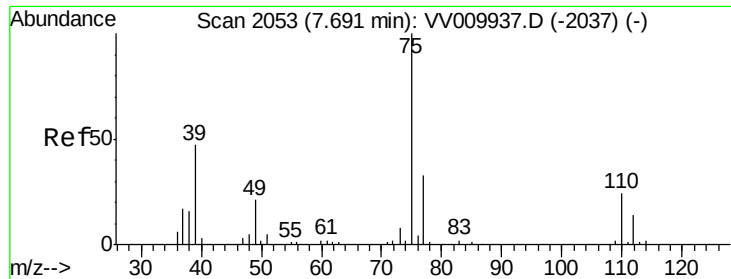
Tgt Ion: 83 Resp: 7708
Ion Ratio Lower Upper
83 100
85 77.7 46.1 85.7



#42
cis-1,3-Dichloropropene
Concen: 0.568 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009944.D
Acq: 27 Mar 2019 23:29

Tgt Ion: 75 Resp: 1693
Ion Ratio Lower Upper
75 100
77 43.1 21.8 40.6#





#45

trans-1,3-Dichloropropene

Concen: 0.654 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009944.D

Acq: 27 Mar 2019 23:29

Instrument :

MSVOA_V

ClientSampled :

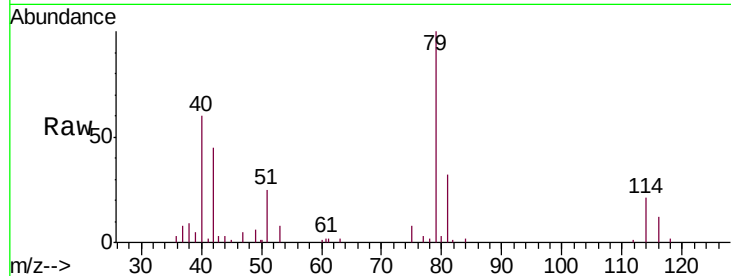
BF0M1

Tgt Ion: 75 Resp: 1595

Ion Ratio Lower Upper

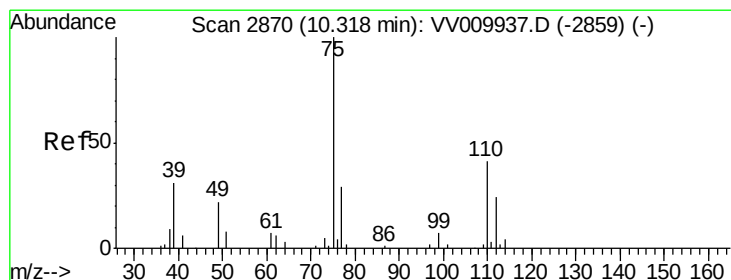
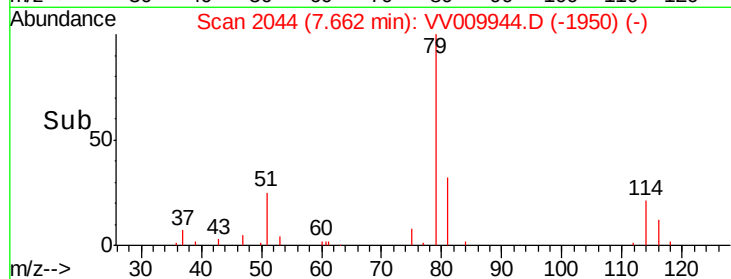
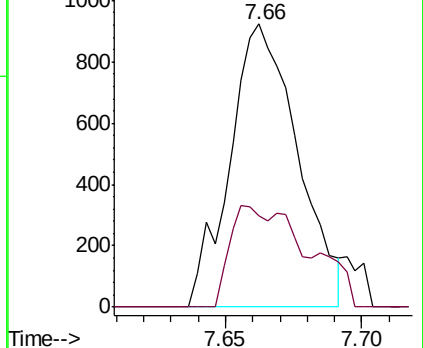
75 100

77 32.4 20.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.641 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009944.D

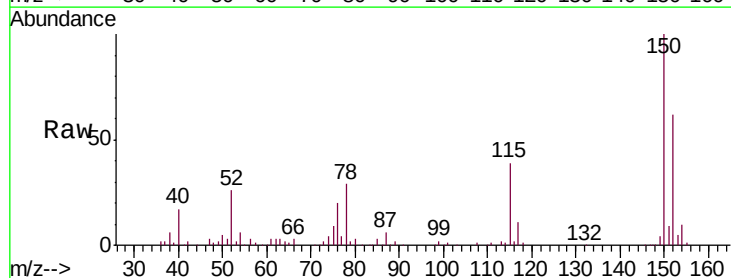
Acq: 27 Mar 2019 23:29

Tgt Ion: 75 Resp: 9271

Ion Ratio Lower Upper

75 100

77 41.1 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

