

Data File : VV009983.D
Acq On : 29 Mar 2019 00:05
Operator : SY/MD
Sample : K2122-03
Misc : 4.92G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5B2

Quant Time: Mar 29 04:23:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	161658	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160662	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64358	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81490	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.36%
7) Chloroethane-d5	1.58	69	113873	32.14	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.56%
10) 1,1-Dichloroethene-d2	2.12	63	172288	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.80%
20) 2-Butanone-d5	3.95	46	30483	49.87	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.74%
24) Chloroform-d	4.40	84	114505	27.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.08	65	68882	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.16%
29) Benzene-d6	5.10	84	225098	26.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.72%
33) 1,2-Dichloropropane-d6	6.12	67	68794	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.48%
37) Toluene-d8	7.36	98	194949	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.64%
38) trans-1,3-Dichloropropene-	7.66	79	21967	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	8.14	63	22210	48.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58941	24.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	64502	26.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.28%

Target Compounds

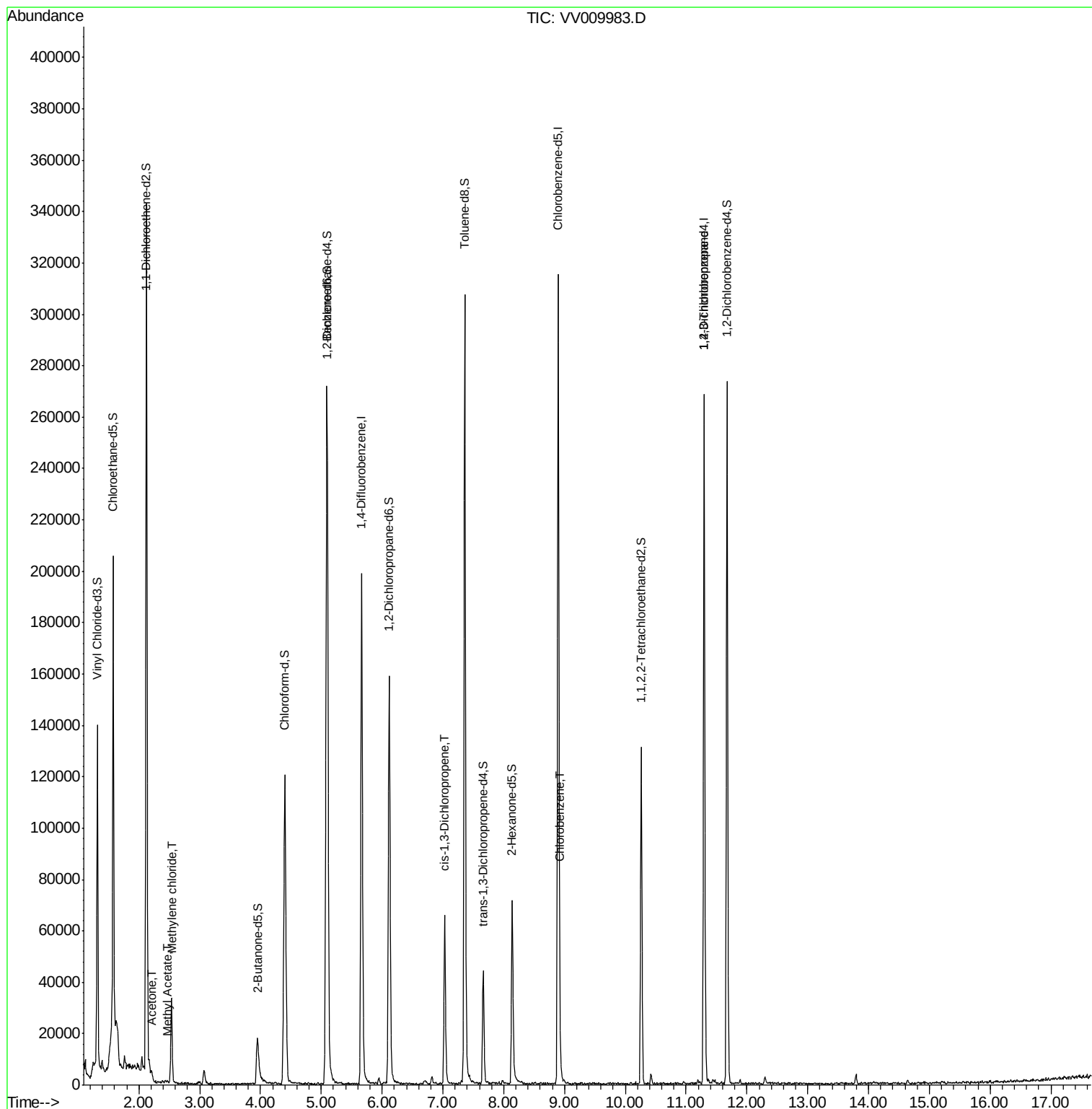
					Qvalue
13) Acetone	2.21	43	5075	5.483 ug/L	96
15) Methyl Acetate	2.46	43	608	0.561 ug/L #	49
16) Methylene chloride	2.54	84	13109	4.924 ug/L	87
42) cis-1,3-Dichloropropene	7.03	75	2098	0.653 ug/L #	80
52) Chlorobenzene	8.93	112	5240	0.809 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	10602	5.977 ug/L	96

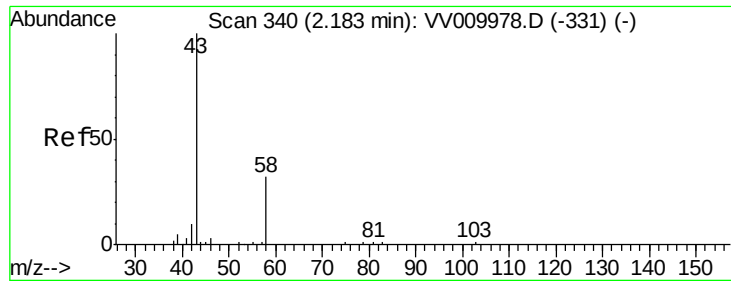
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.483 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.03 min

Lab File: VV009983.D

Acq: 29 Mar 2019 00:05

Instrument :

MSVOA_V

ClientSampleId :

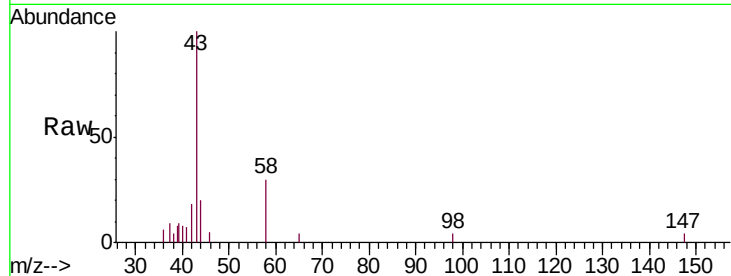
BF5B2

Tgt Ion: 43 Resp: 5075

Ion Ratio Lower Upper

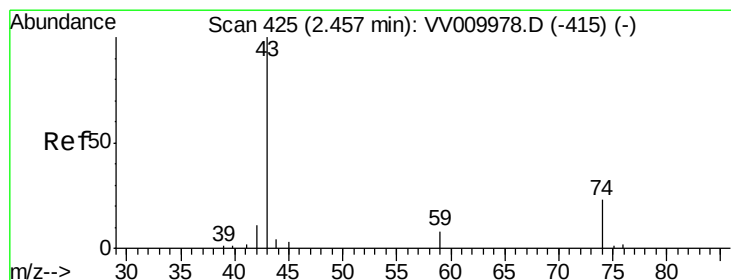
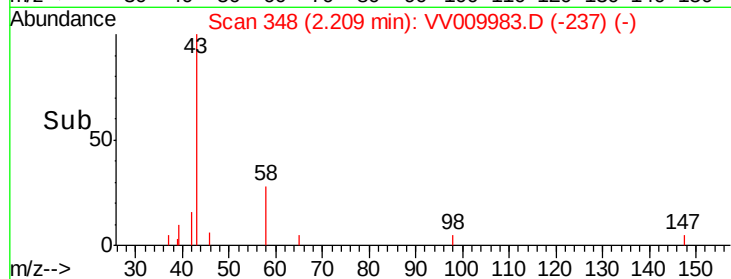
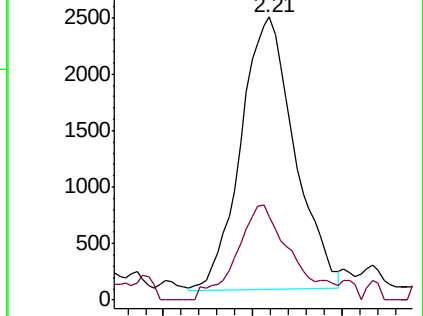
43 100

58 31.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009983.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009983.D (-331) (-)



#15

Methyl Acetate

Concen: 0.561 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.01 min

Lab File: VV009983.D

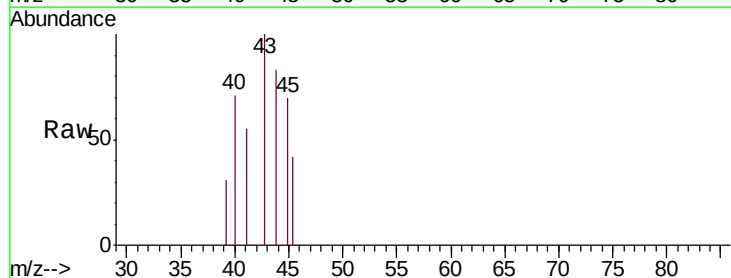
Acq: 29 Mar 2019 00:05

Tgt Ion: 43 Resp: 608

Ion Ratio Lower Upper

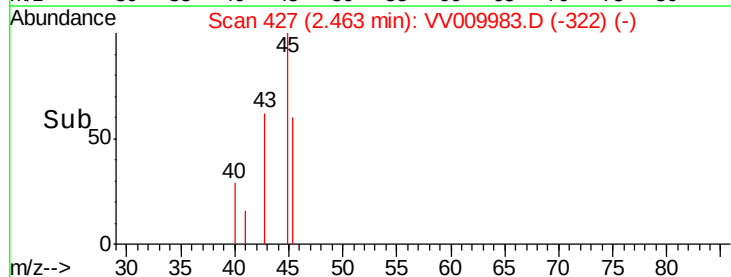
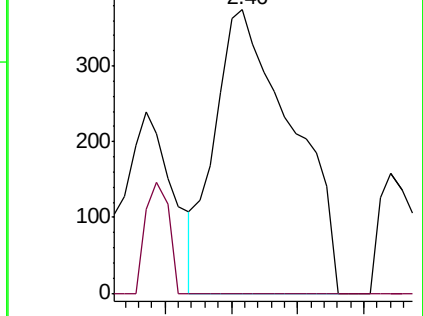
43 100

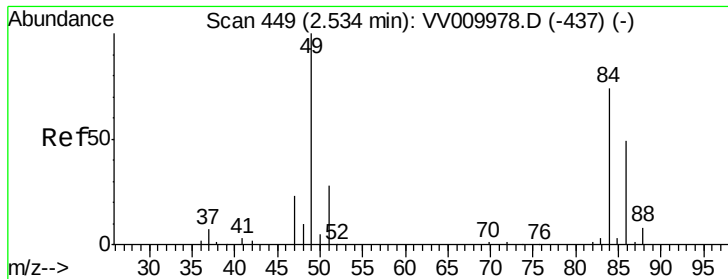
74 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VV009983.D (-415) (-)

Ion 74.00 (73.70 to 74.70): VV009983.D (-415) (-)

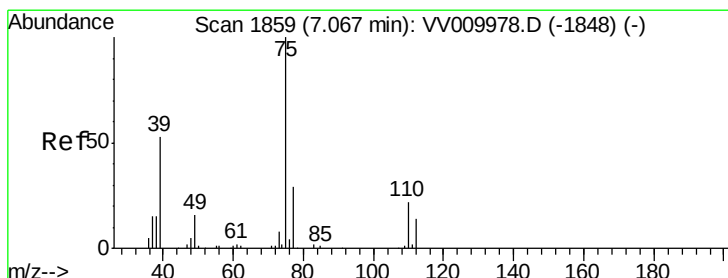
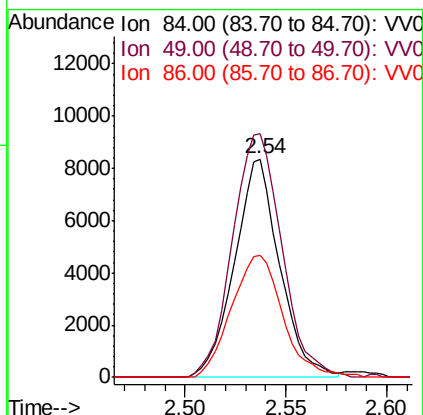
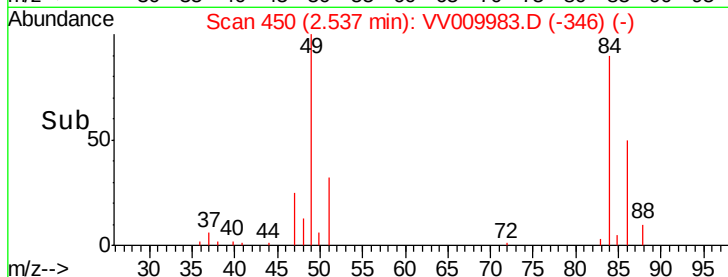
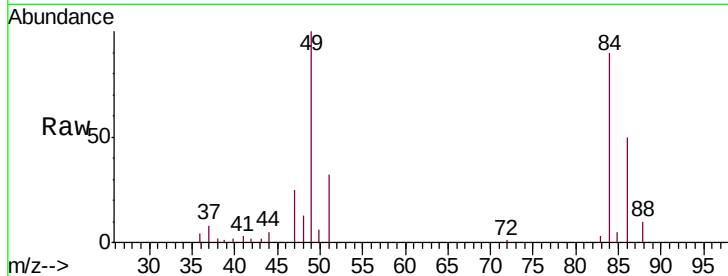




#16
Methylene chloride
Concen: 4.924 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009983.D
Acq: 29 Mar 2019 00:05

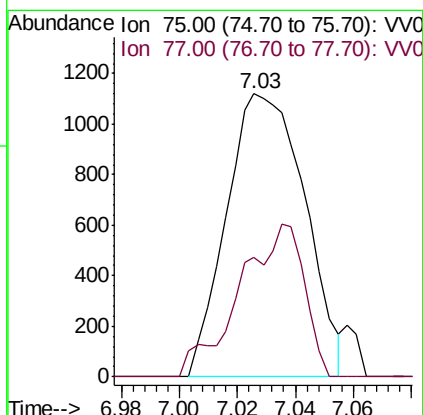
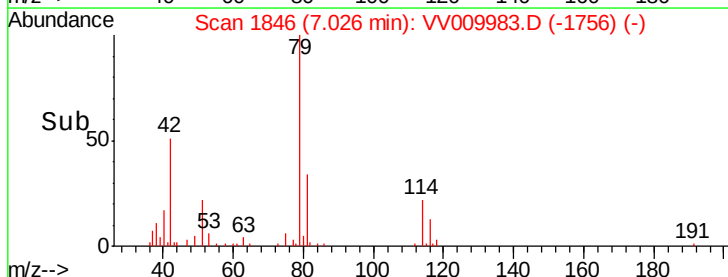
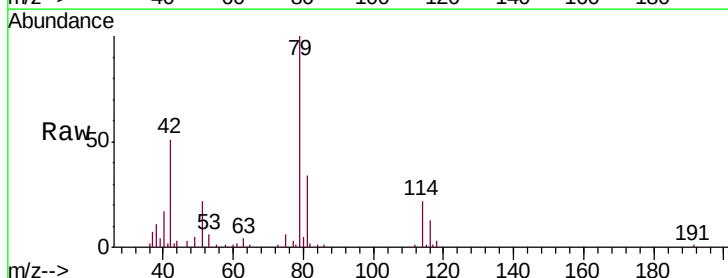
Instrument :
MSVOA_V
ClientSampleId :
BF5B2

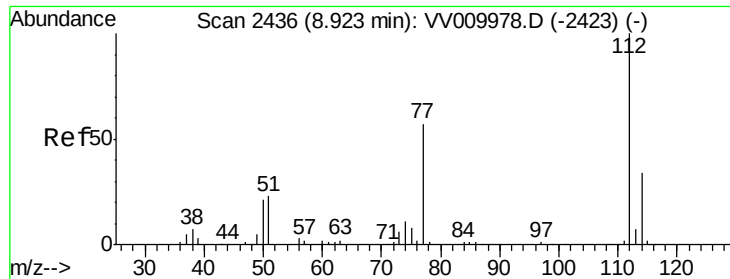
Tgt Ion: 84 Resp: 13109
Ion Ratio Lower Upper
84 100
49 111.4 90.4 167.8
86 56.0 44.0 81.6



#42
cis-1,3-Dichloropropene
Concen: 0.653 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009983.D
Acq: 29 Mar 2019 00:05

Tgt Ion: 75 Resp: 2098
Ion Ratio Lower Upper
75 100
77 42.2 21.8 40.6#





#52

Chlorobenzene

Concen: 0.809 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV009983.D

Acq: 29 Mar 2019 00:05

Instrument :

MSVOA_V

ClientSampleId :

BF5B2

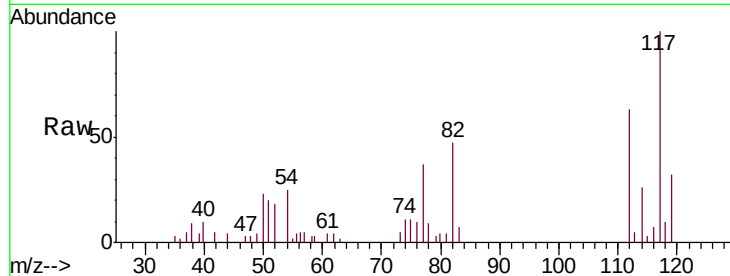
Tgt Ion: 112 Resp: 5240

Ion Ratio Lower Upper

112 100

77 58.7 46.8 70.2

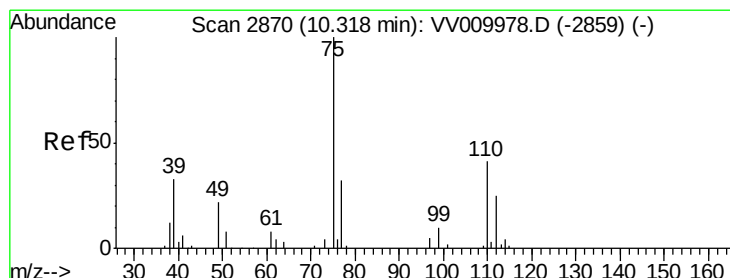
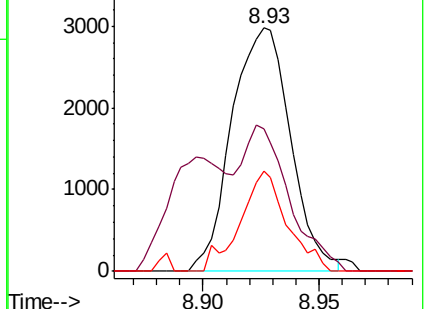
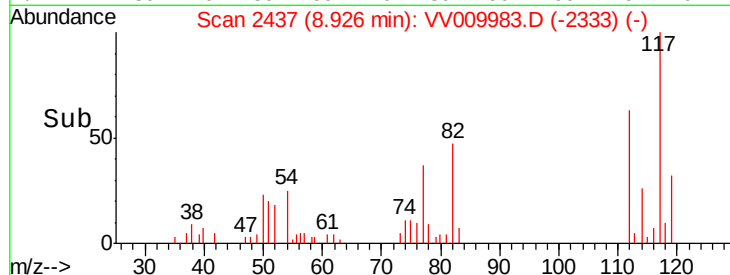
114 41.4 22.3 41.5



Abundance Ion 112.00 (111.70 to 112.70): VV009983.D (-2333) (-)

Ion 77.00 (76.70 to 77.70): VV009983.D (-2333) (-)

Ion 114.00 (113.70 to 114.70): VV009983.D (-2333) (-)



#59

1,2,3-Trichloropropane

Concen: 5.977 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009983.D

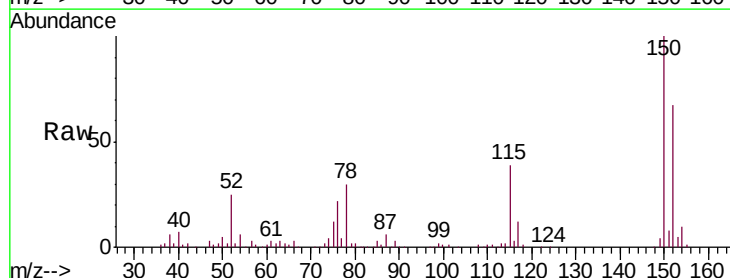
Acq: 29 Mar 2019 00:05

Tgt Ion: 75 Resp: 10602

Ion Ratio Lower Upper

75 100

77 34.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV009983.D (-2248) (-)

Ion 77.00 (76.70 to 77.70): VV009983.D (-2248) (-)

