

Data File : VV009982.D
Acq On : 28 Mar 2019 23:38
Operator : SY/MD
Sample : K2122-02
Misc : 4.31G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5B1

Quant Time: Mar 29 04:23:42 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	152446	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62643	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72277	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
7) Chloroethane-d5	1.58	69	84861	25.40	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.60%
10) 1,1-Dichloroethene-d2	2.13	63	163679	19.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.36%
20) 2-Butanone-d5	3.94	46	30297	52.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.12%
24) Chloroform-d	4.40	84	106053	27.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.24%
26) 1,2-Dichloroethane-d4	5.08	65	68470	29.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.16%
29) Benzene-d6	5.10	84	222028	27.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.28%
33) 1,2-Dichloropropane-d6	6.12	67	67732	29.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.00%
37) Toluene-d8	7.36	98	196522	26.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.04%
38) trans-1,3-Dichloropropene-	7.67	79	22354	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.60%
39) 2-Hexanone-d5	8.13	63	20431	46.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56197	24.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	65598	27.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.00%

Target Compounds

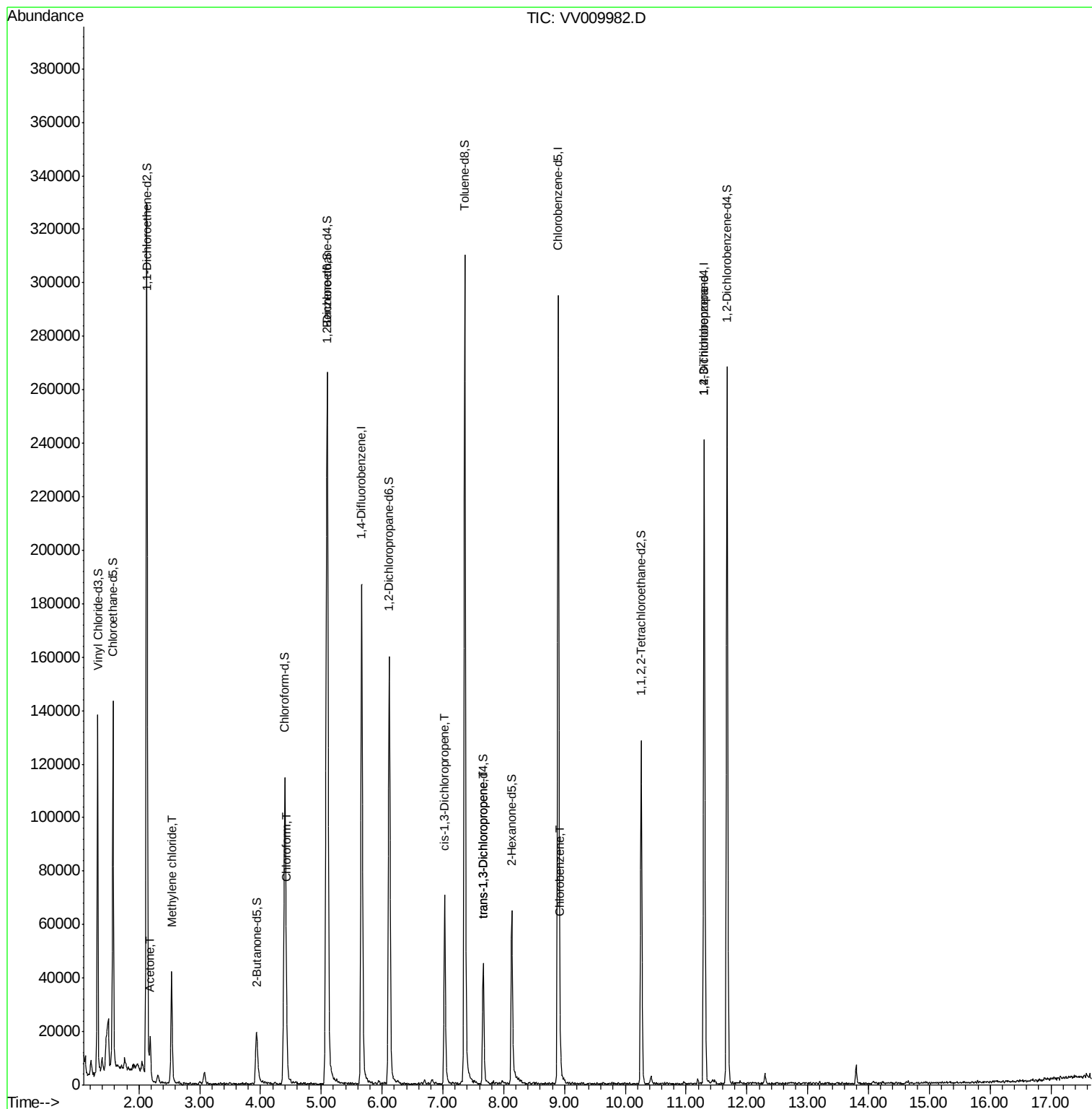
					Qvalue
13) Acetone	2.19	43	7380	8.456 ug/L	98
16) Methylene chloride	2.54	84	16168	6.440 ug/L	97
25) Chloroform	4.43	83	6804	1.685 ug/L #	73
42) cis-1,3-Dichloropropene	7.03	75	2297	0.755 ug/L #	72
45) trans-1,3-Dichloropropene	7.67	75	1352	0.543 ug/L #	76
52) Chlorobenzene	8.93	112	4198	0.685 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	9545	5.688 ug/L	90

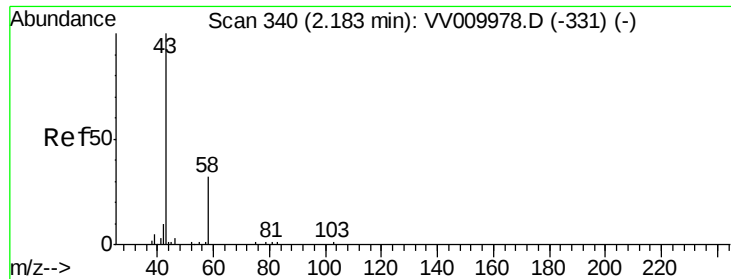
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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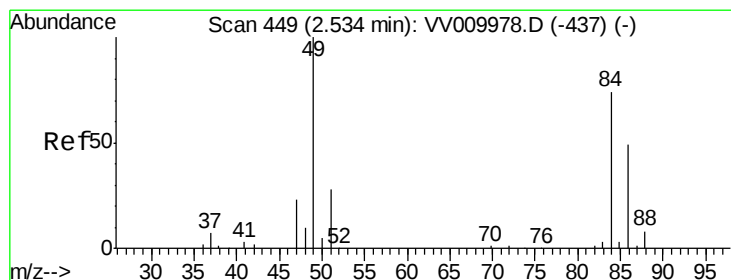
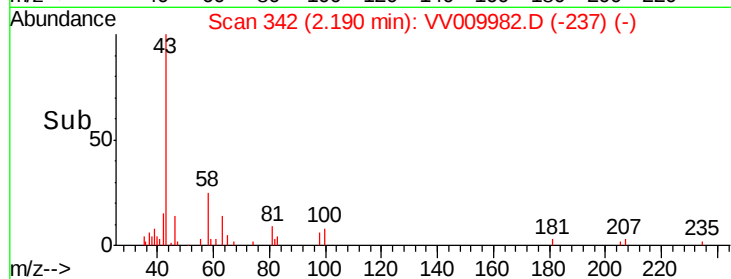
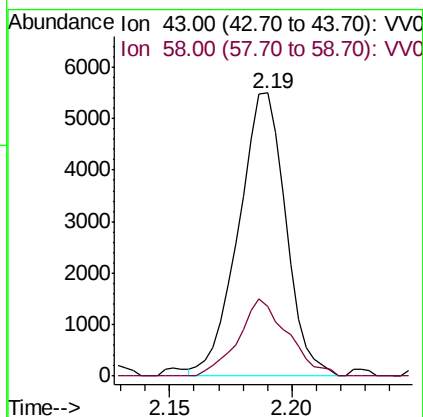
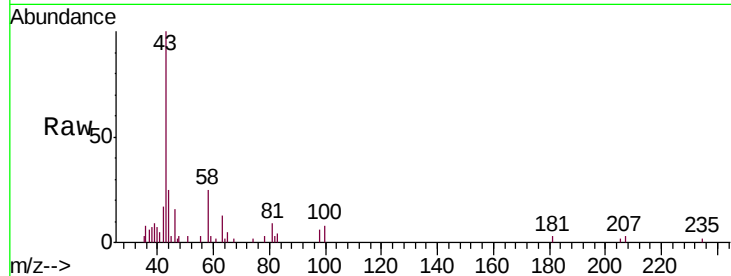




#13
Acetone
Concen: 8.456 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.01 min
Lab File: VV009982.D
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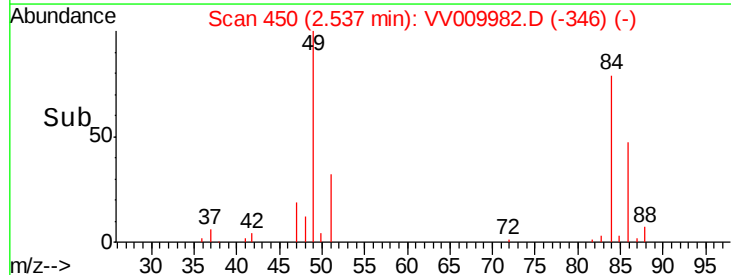
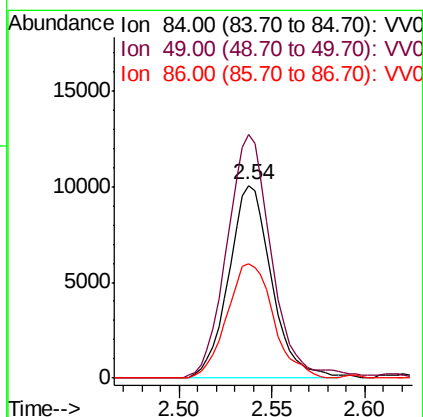
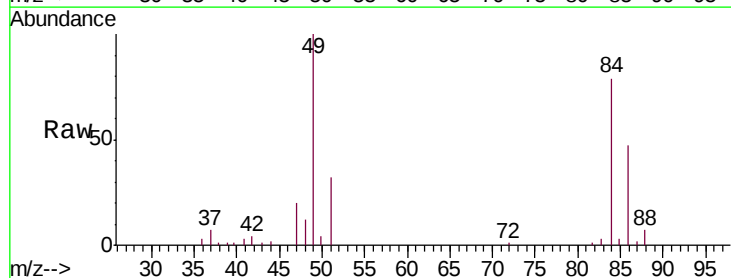
Instrument :
MSVOA_V
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BF5B1

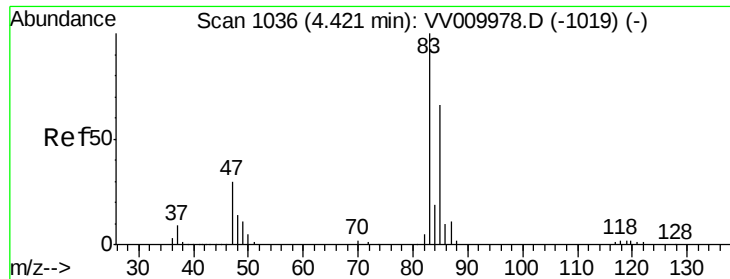
Tgt Ion: 43 Resp: 7380
Ion Ratio Lower Upper
43 100
58 28.6 0.0 59.4



#16
Methylene chloride
Concen: 6.440 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009982.D
Acq: 28 Mar 2019 23:38

Tgt Ion: 84 Resp: 16168
Ion Ratio Lower Upper
84 100
49 126.2 90.4 167.8
86 59.4 44.0 81.6

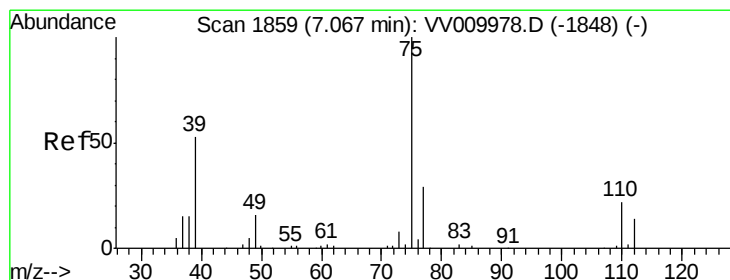
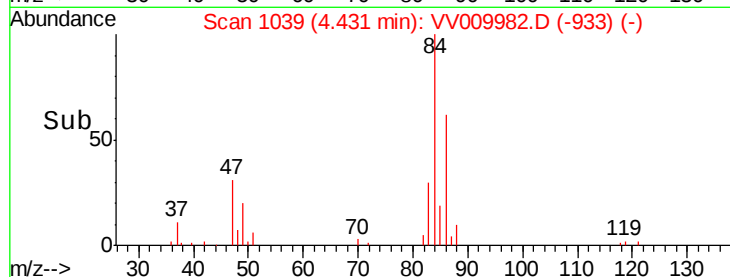
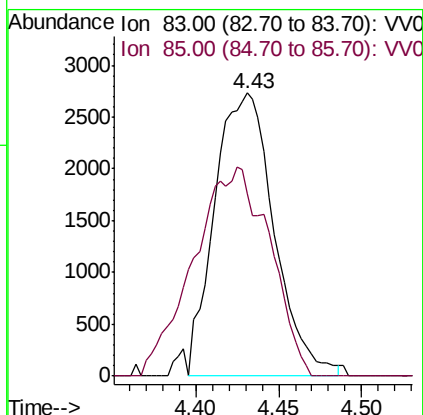
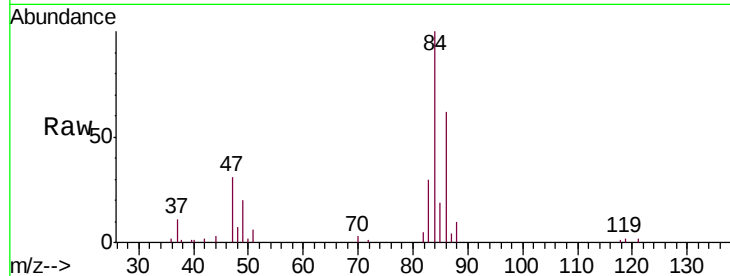




#25
Chloroform
Concen: 1.685 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009982.D
Acq: 28 Mar 2019 23:38

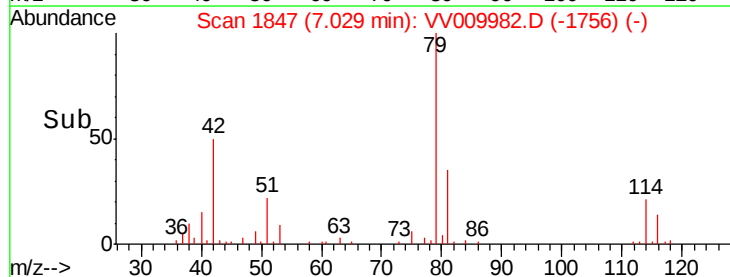
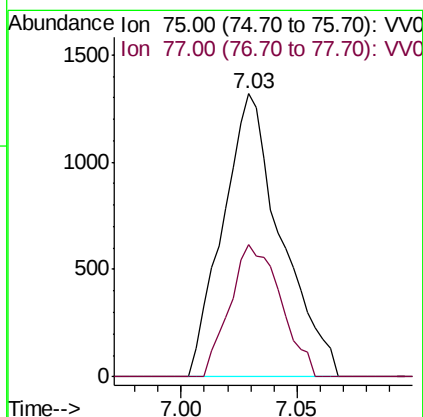
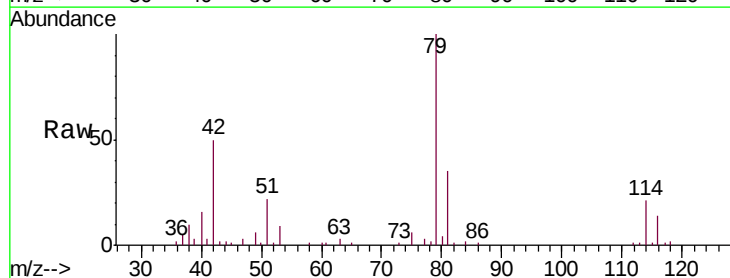
Instrument :
MSVOA_V
ClientSampleId :
BF5B1

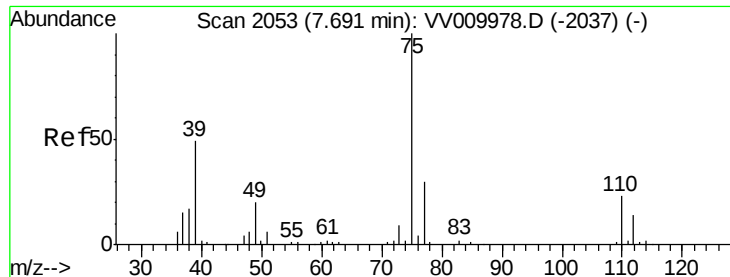
Tgt Ion: 83 Resp: 6804
Ion Ratio Lower Upper
83 100
85 44.4 46.1 85.7#



#42
cis-1,3-Dichloropropene
Concen: 0.755 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009982.D
Acq: 28 Mar 2019 23:38

Tgt Ion: 75 Resp: 2297
Ion Ratio Lower Upper
75 100
77 46.7 21.8 40.6#





#45

trans-1,3-Dichloropropene

Concen: 0.543 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009982.D

Acq: 28 Mar 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

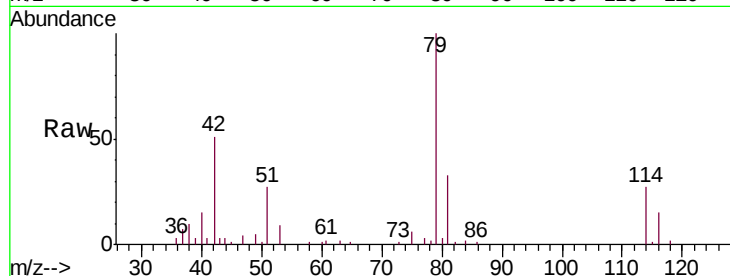
BF5B1

Tgt Ion: 75 Resp: 1352

Ion Ratio Lower Upper

75 100

77 42.5 20.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VV009978.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV009978.D (-2037) (-)

7.67

800

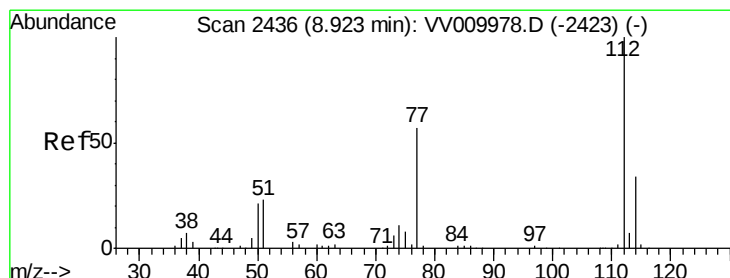
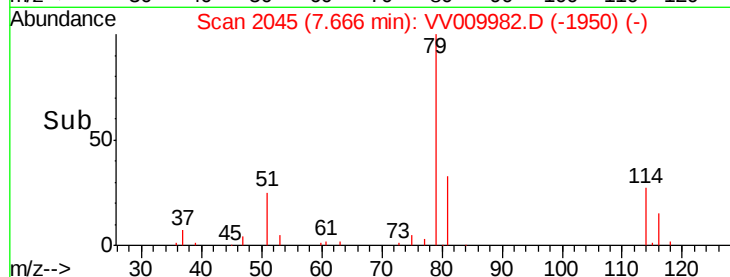
600

400

200

0

Time-->



#52

Chlorobenzene

Concen: 0.685 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.01 min

Lab File: VV009982.D

Acq: 28 Mar 2019 23:38

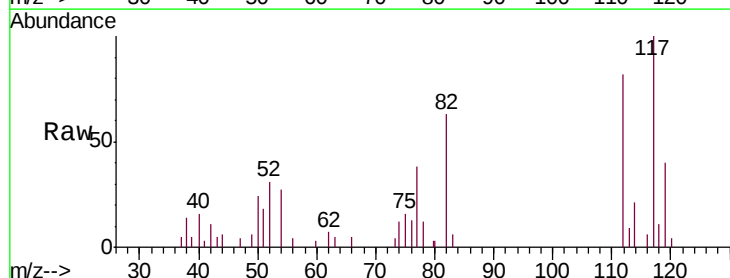
Tgt Ion: 112 Resp: 4198

Ion Ratio Lower Upper

112 100

77 46.4 46.8 70.2#

114 26.0 22.3 41.5



Abundance Ion 112.00 (111.70 to 112.70): VV009978.D (-2423) (-)

Ion 77.00 (76.70 to 77.70): VV009978.D (-2423) (-)

Ion 114.00 (113.70 to 114.70): VV009978.D (-2423) (-)

8.93

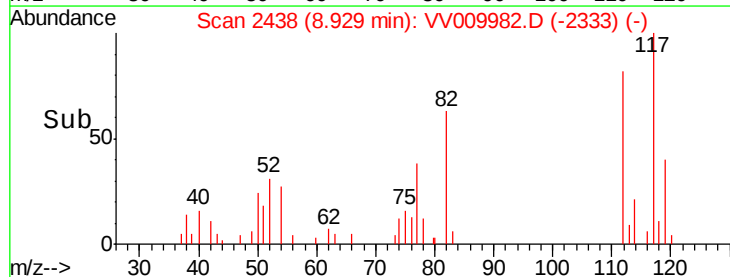
3000

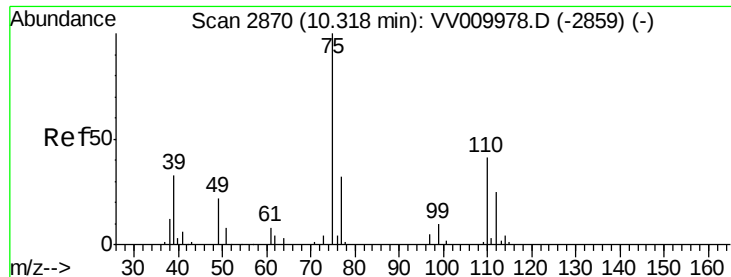
2000

1000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.688 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009982.D

Acq: 28 Mar 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

BF5B1

Tgt Ion: 75 Resp: 9545

Ion Ratio Lower Upper

75 100

77 38.1 26.2 39.2

