

Data File : VV009981.D
Acq On : 28 Mar 2019 23:12
Operator : SY/MD
Sample : K2122-01
Misc : 5.59G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5B0

Quant Time: Mar 29 04:23:32 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	159266	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58701	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67535	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	110464	31.65	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.60%
10) 1,1-Dichloroethene-d2	2.13	63	145275	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	4.05	46	161	0.27	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.54%#
24) Chloroform-d	4.40	84	105492	26.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.08	65	66226	27.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.48%
29) Benzene-d6	5.10	84	212230	26.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.96%
33) 1,2-Dichloropropane-d6	6.12	67	65542	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.92%
37) Toluene-d8	7.36	98	177145	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.32%
38) trans-1,3-Dichloropropene-	7.67	79	21025	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	8.14	63	22747	52.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59239	25.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	61876	27.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.76%

Target Compounds

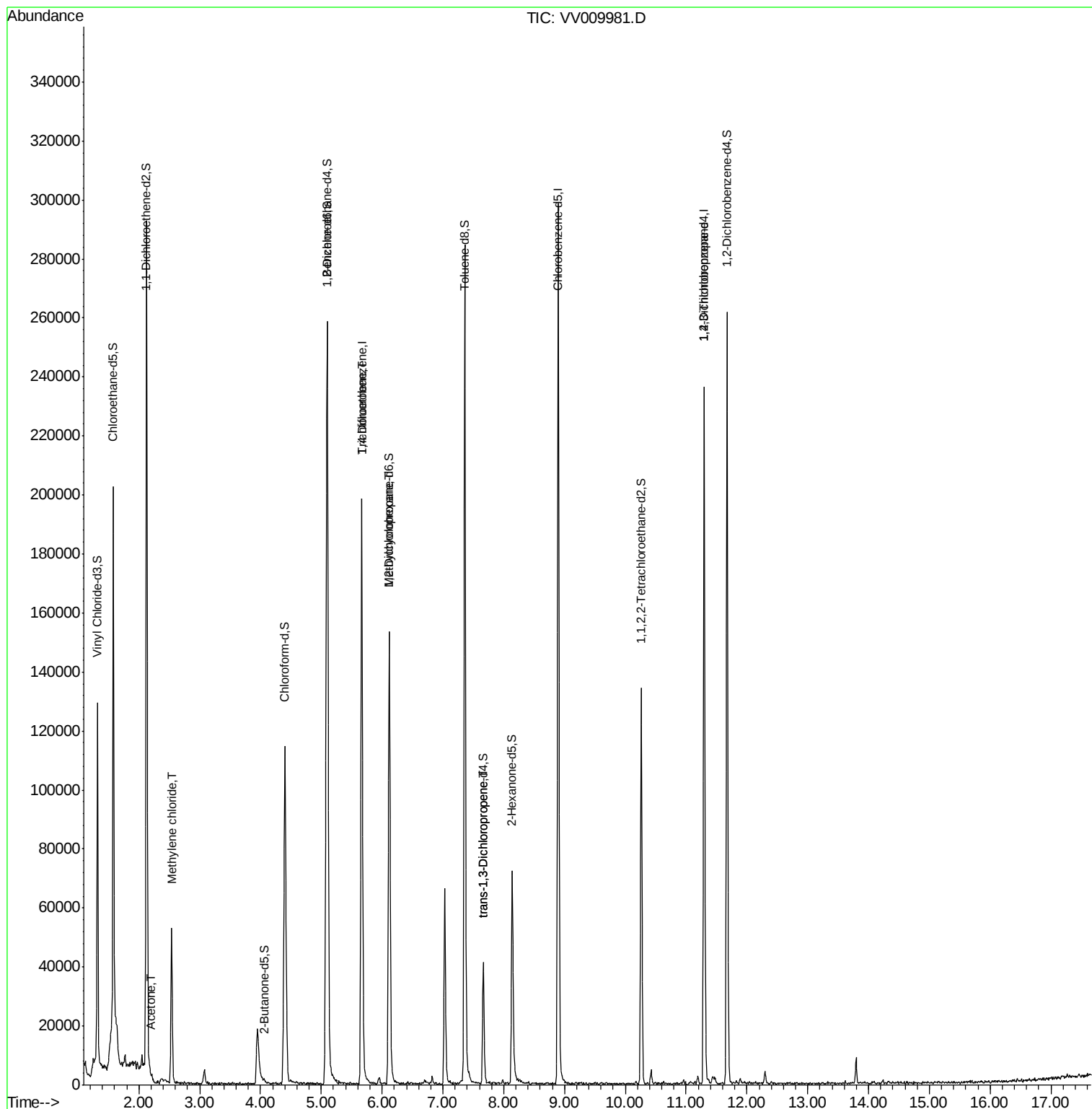
					Qvalue
13) Acetone	2.20	43	1071	1.175 ug/L	76
16) Methylene chloride	2.54	84	21258	8.105 ug/L	93
35) Trichloroethene	5.67	95	4692	2.143 ug/L #	5
36) Methylcyclohexane	6.12	83	16725	4.869 ug/L #	20
45) trans-1,3-Dichloropropene	7.67	75	1249	0.505 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	9246	5.541 ug/L	94

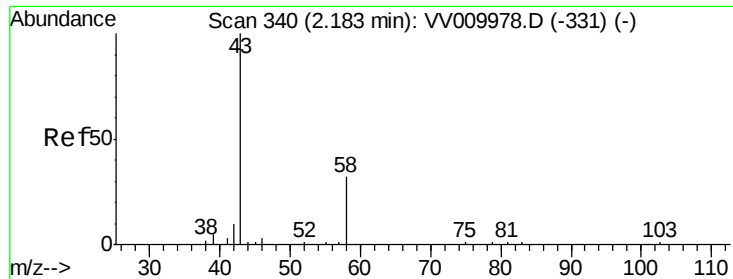
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009981.D
Acq On : 28 Mar 2019 23:12
Operator : SY/MD
Sample : K2122-01
Misc : 5.59G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5B0

Quant Time: Mar 29 04:23:32 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





#13

Acetone

Concen: 1.175 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.02 min

Lab File: VV009981.D

Acq: 28 Mar 2019 23:12

Instrument :

MSVOA_V

ClientSampled :

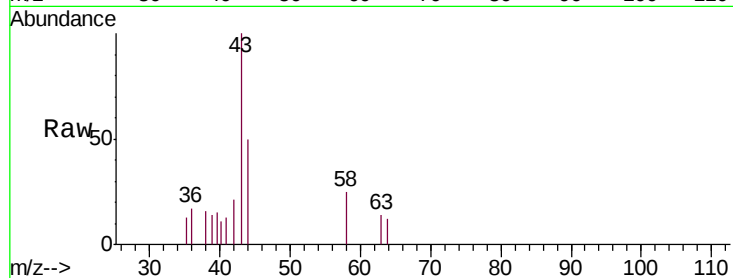
BF5B0

Tgt Ion: 43 Resp: 1071

Ion Ratio Lower Upper

43 100

58 42.5 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009978.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009978.D (-331) (-)

2.20

2.22

2.24

2.26

2.28

2.30

2.32

2.34

2.36

2.38

2.40

2.42

2.44

2.46

2.48

2.50

2.52

2.54

2.56

2.58

2.60

2.62

2.64

2.66

2.68

2.70

2.72

2.74

2.76

2.78

2.80

2.82

2.84

2.86

2.88

2.90

2.92

2.94

2.96

2.98

3.00

3.02

3.04

3.06

3.08

3.10

3.12

3.14

3.16

3.18

3.20

3.22

3.24

3.26

3.28

3.30

3.32

3.34

3.36

3.38

3.40

3.42

3.44

3.46

3.48

3.50

3.52

3.54

3.56

3.58

3.60

3.62

3.64

3.66

3.68

3.70

3.72

3.74

3.76

3.78

3.80

3.82

3.84

3.86

3.88

3.90

3.92

3.94

3.96

3.98

4.00

4.02

4.04

4.06

4.08

4.10

4.12

4.14

4.16

4.18

4.20

4.22

4.24

4.26

4.28

4.30

4.32

4.34

4.36

4.38

4.40

4.42

4.44

4.46

4.48

4.50

4.52

4.54

4.56

4.58

4.60

4.62

4.64

4.66

4.68

4.70

4.72

4.74

4.76

4.78

4.80

4.82

4.84

4.86

4.88

4.90

4.92

4.94

4.96

4.98

5.00

5.02

5.04

5.06

5.08

5.10

5.12

5.14

5.16

5.18

5.20

5.22

5.24

5.26

5.28

5.30

5.32

5.34

5.36

5.38

5.40

5.42

5.44

5.46

5.48

5.50

5.52

5.54

5.56

5.58

5.60

5.62

5.64

5.66

5.68

5.70

5.72

5.74

5.76

5.78

5.80

5.82

5.84

5.86

5.88

5.90

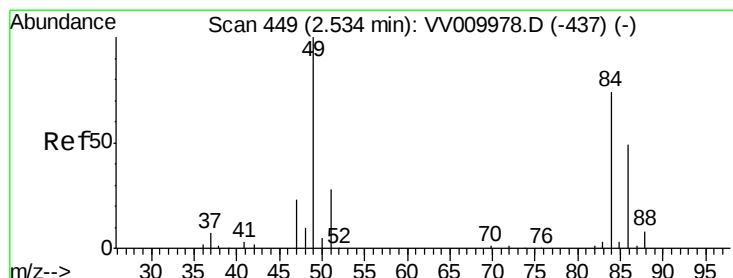
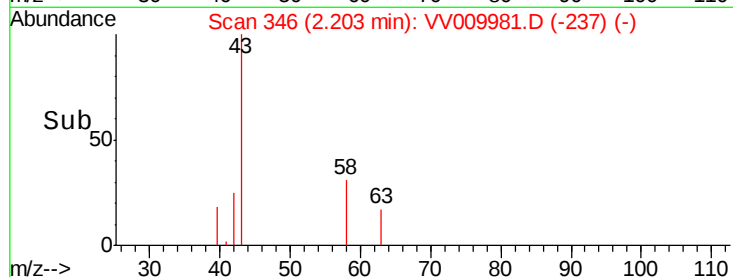
5.92

5.94

5.96

5.98

6.00



#16

Methylene chloride

Concen: 8.105 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV009981.D

Acq: 28 Mar 2019 23:12

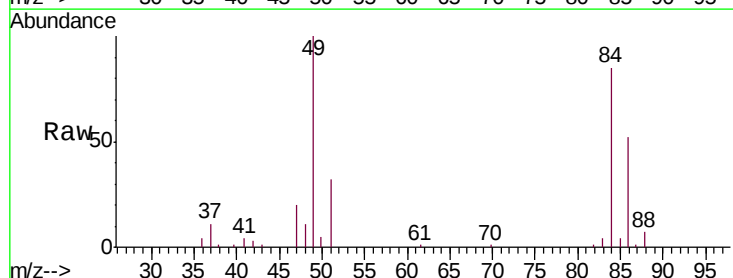
Tgt Ion: 84 Resp: 21258

Ion Ratio Lower Upper

84 100

49 118.2 90.4 167.8

86 61.7 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009978.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009978.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009978.D (-437) (-)

2.54

2.56

2.58

2.60

2.62

2.64

2.66

2.68

2.70

2.72

2.74

2.76

2.78

2.80

2.82

2.84

2.86

2.88

2.90

2.92

2.94

2.96

2.98

3.00

3.02

3.04

3.06

3.08

3.10

3.12

3.14

3.16

3.18

3.20

3.22

3.24

3.26

3.28

3.30

3.32

3.34

3.36

3.38

3.40

3.42

3.44

3.46

3.48

3.50

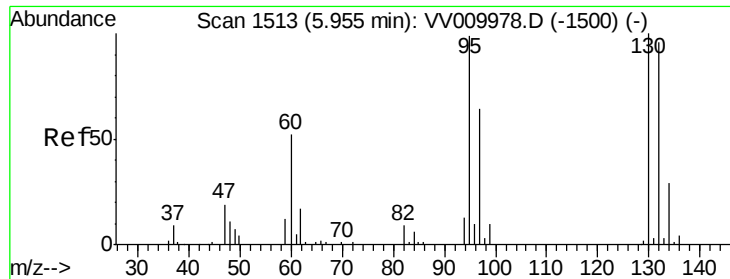
3.52

3.54

3.56

3.58

3.60



#35

Trichloroethene

Concen: 2.143 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009981.D

Acq: 28 Mar 2019 23:12

Instrument :

MSVOA_V

ClientSampleId :

BF5B0

Tgt Ion: 95 Resp: 4692

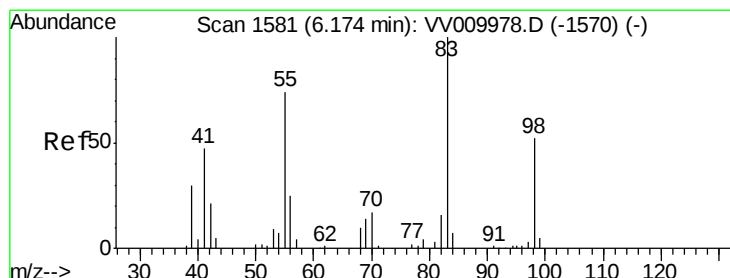
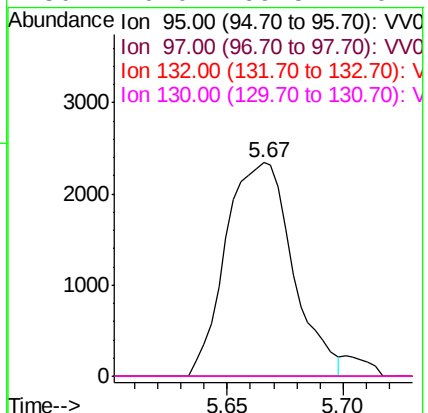
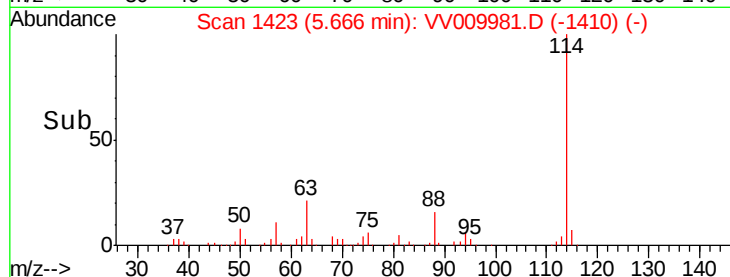
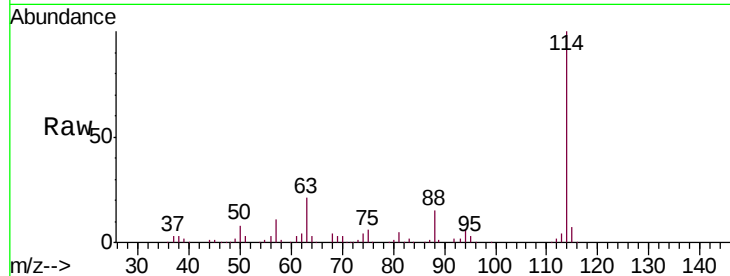
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 69.3 128.7#

130 0.0 69.5 129.1#



#36

Methylcyclohexane

Concen: 4.869 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV009981.D

Acq: 28 Mar 2019 23:12

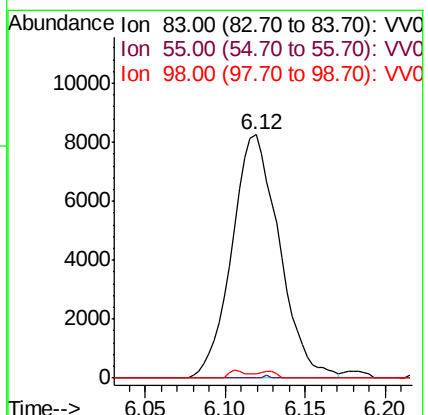
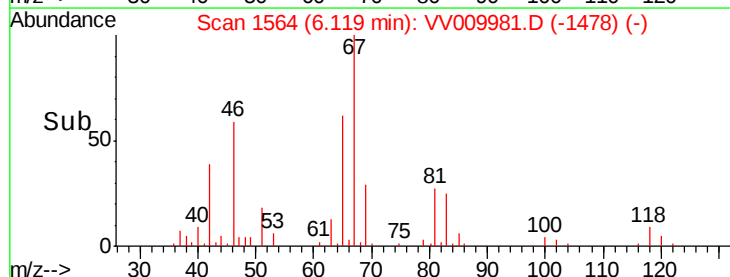
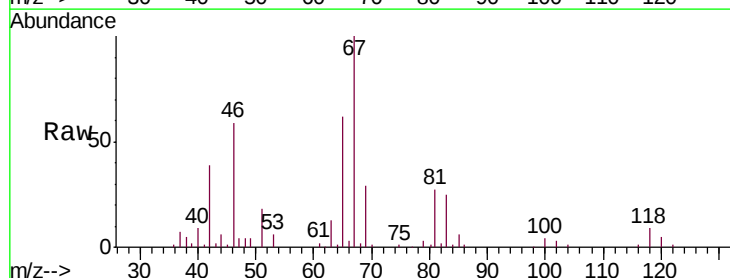
Tgt Ion: 83 Resp: 16725

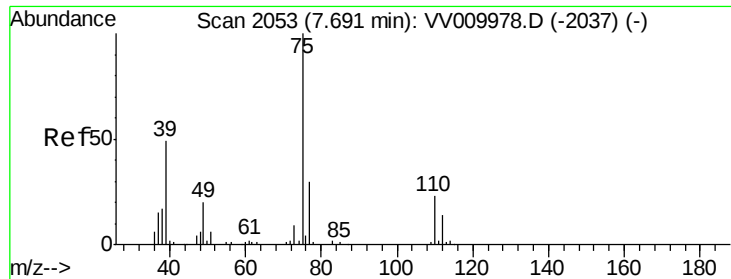
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.1 39.2 58.8#





#45

trans-1,3-Dichloropropene

Concen: 0.505 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009981.D

Acq: 28 Mar 2019 23:12

Instrument :

MSVOA_V

ClientSampleId :

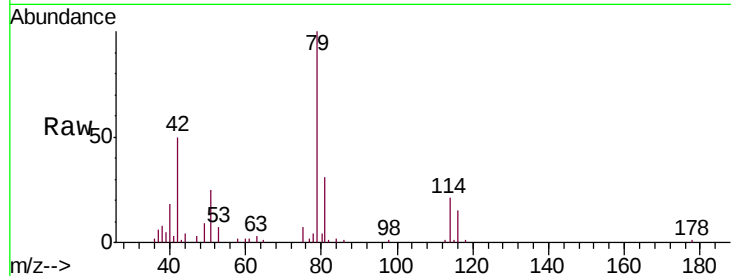
BF5B0

Tgt Ion: 75 Resp: 1249

Ion Ratio Lower Upper

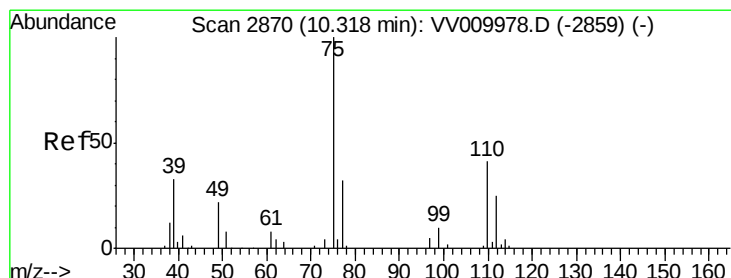
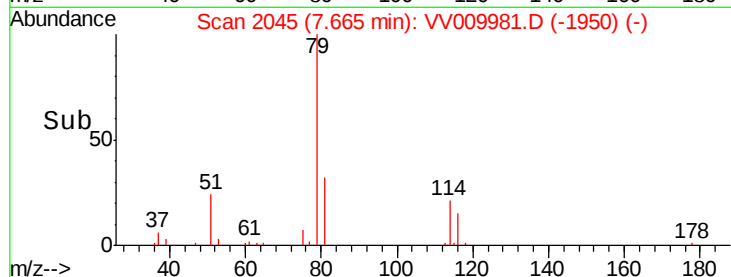
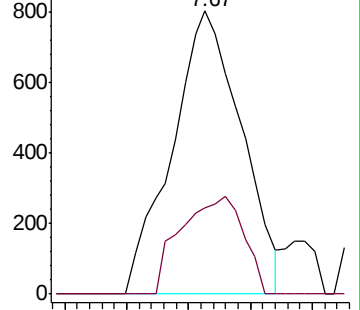
75 100

77 30.7 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: 5.541 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009981.D

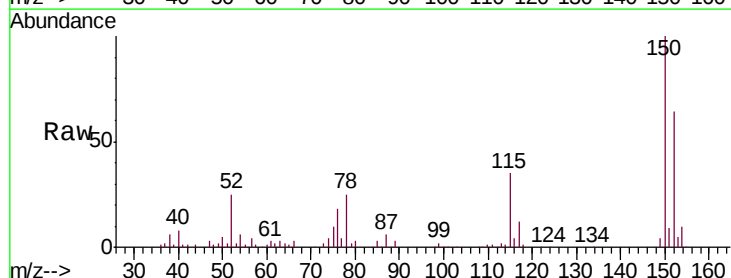
Acq: 28 Mar 2019 23:12

Tgt Ion: 75 Resp: 9246

Ion Ratio Lower Upper

75 100

77 36.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

