

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010258.D
 Acq On : 11 Apr 2019 23:18
 Operator : SY/MD
 Sample : K2278-12
 Misc : 5.63G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y3

Quant Time: Apr 12 04:48:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	61278	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	60992	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	22967	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8841	12.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.12%
7) Chloroethane-d5	1.57	69	10237	16.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.56%
10) 1,1-Dichloroethene-d2	2.12	63	20680	11.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.08%
20) 2-Butanone-d5	3.94	46	11886	66.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.18%
24) Chloroform-d	4.40	84	30759	21.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.08	65	21190	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.36%
29) Benzene-d6	5.10	84	58361	19.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.36%
33) 1,2-Dichloropropane-d6	6.12	67	20317	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.92%
37) Toluene-d8	7.36	98	52072	18.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.64%
38) trans-1,3-Dichloropropene-	7.66	79	7689	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.32%
39) 2-Hexanone-d5	8.14	63	5856	38.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	20238	25.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.12%
61) 1,2-Dichlorobenzene-d4	11.68	152	18374	21.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.64%

Target Compounds

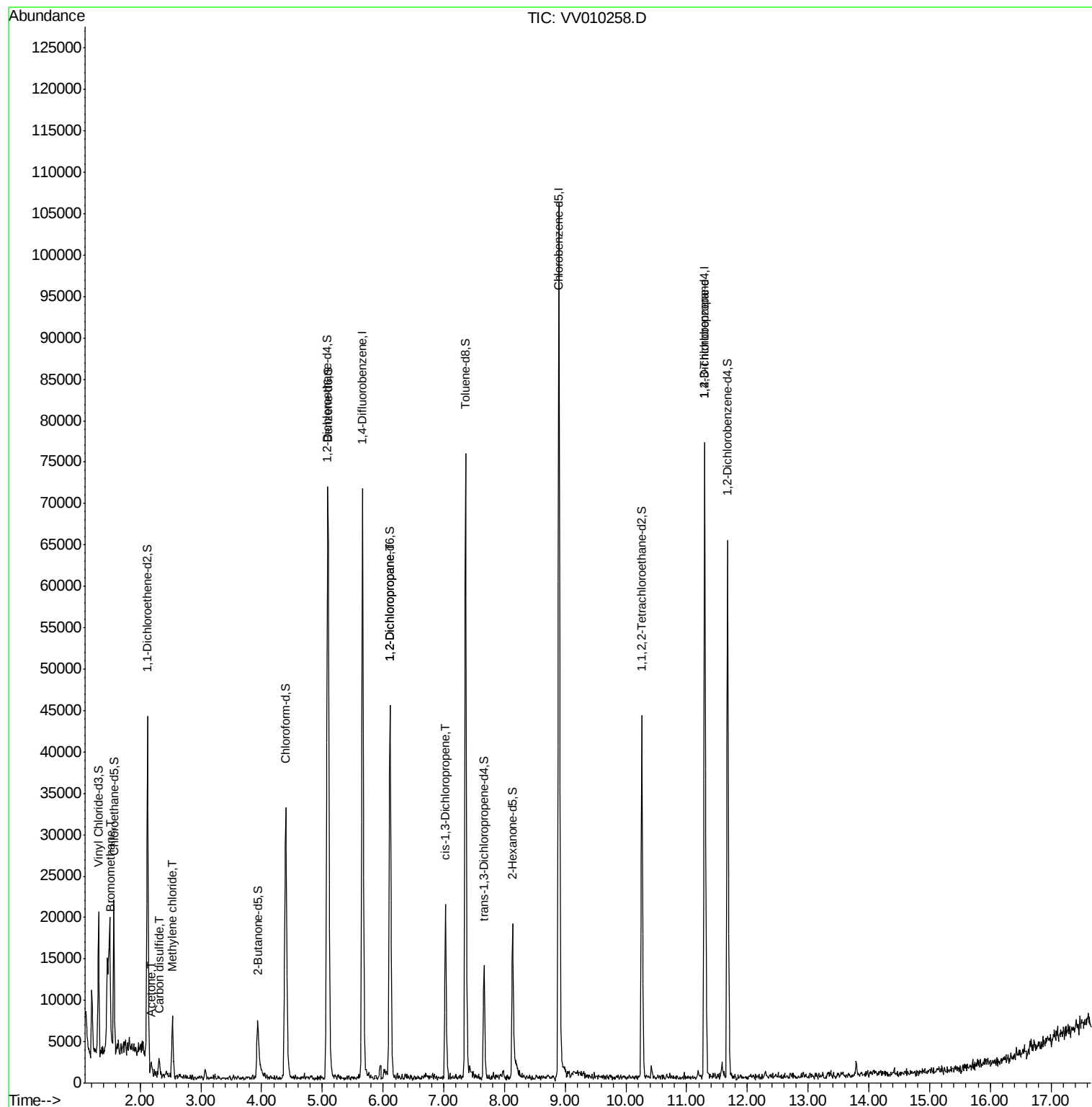
					Qvalue
6) Bromomethane	1.51	94	706	1.005 ug/L	77
13) Acetone	2.19	43	1136	5.956 ug/L	83
14) Carbon disulfide	2.31	76	1494	0.765 ug/L #	76
16) Methylene chloride	2.53	84	3167	2.639 ug/L	79
40) 1,2-Dichloropropane	6.11	63	2261	2.989 ug/L #	85
42) cis-1,3-Dichloropropene	7.02	75	721	0.629 ug/L #	77
59) 1,2,3-Trichloropropane	11.30	75	2694	4.615 ug/L	93

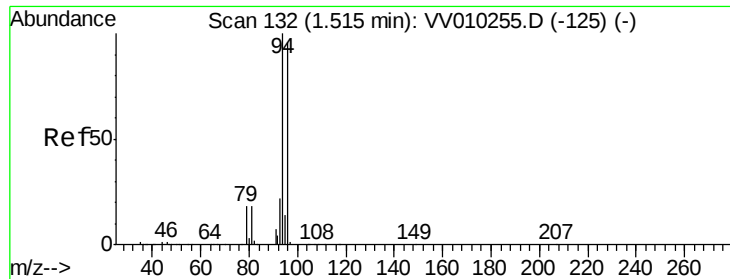
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
Data File : VV010258.D
Acq On : 11 Apr 2019 23:18
Operator : SY/MD
Sample : K2278-12
Misc : 5.63G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB6Y3

Quant Time: Apr 12 04:48:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 1.005 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.00 min

Lab File: VV010258.D

Acq: 11 Apr 2019 23:18

Instrument :

MSVOA_V

ClientSampleId :

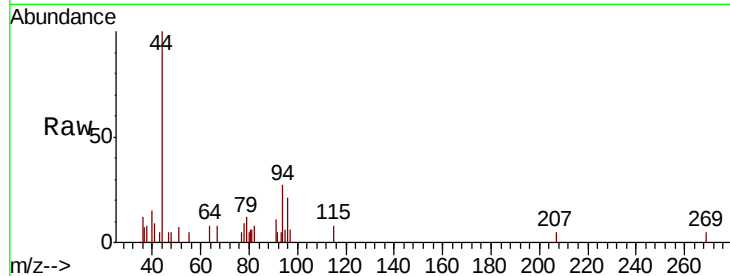
DB6Y3

Tgt Ion: 94 Resp: 706

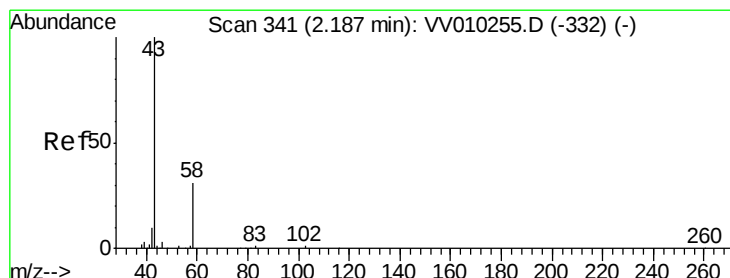
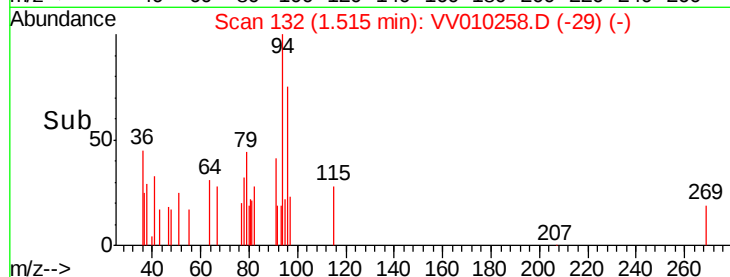
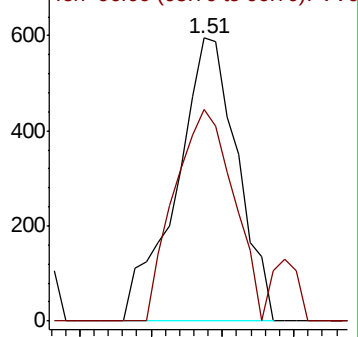
Ion Ratio Lower Upper

94 100

96 72.2 9.4 179.0



Abundance Ion 94.00 (93.70 to 94.70): VV010255.D (-125) (-)



#13

Acetone

Concen: 5.956 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010258.D

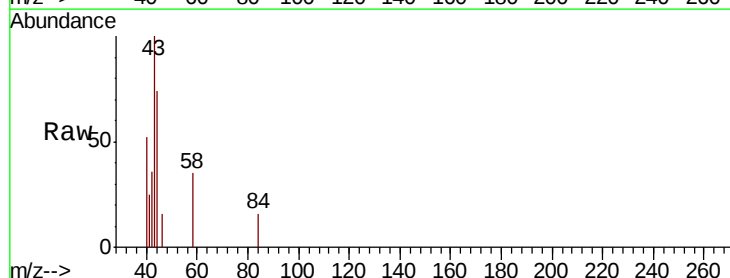
Acq: 11 Apr 2019 23:18

Tgt Ion: 43 Resp: 1136

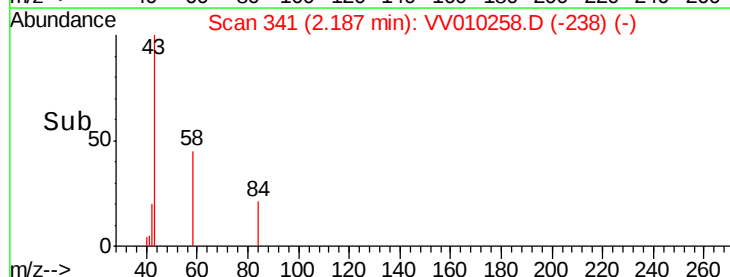
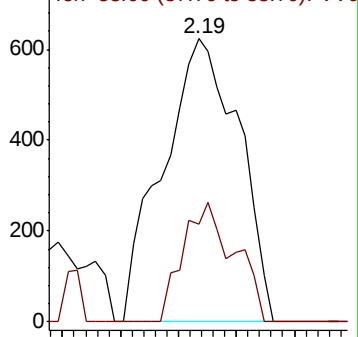
Ion Ratio Lower Upper

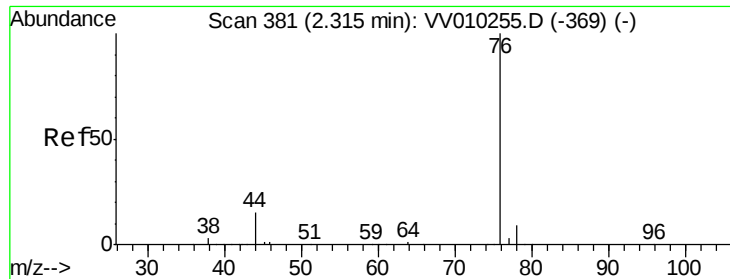
43 100

58 21.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010255.D (-332) (-)

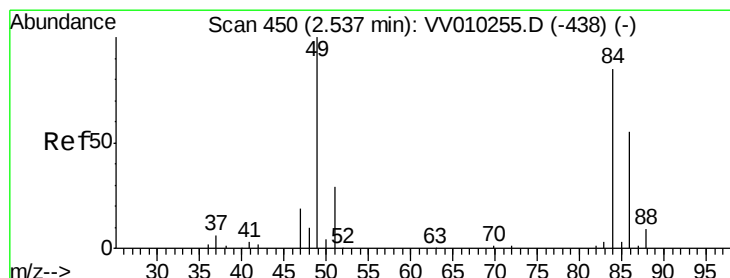
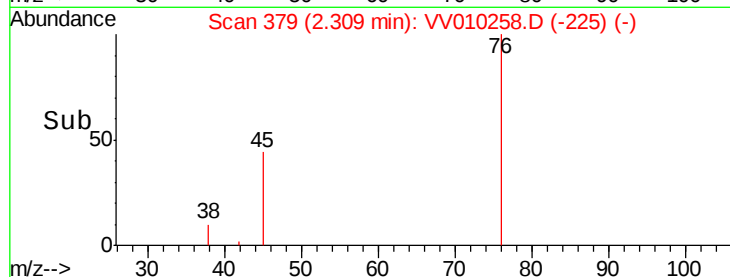
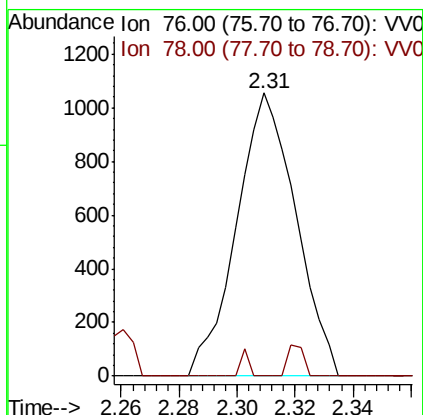
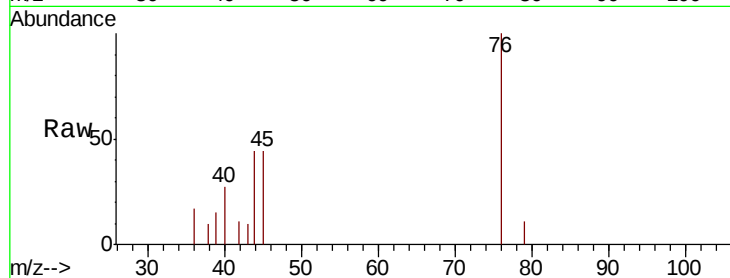




#14
Carbon disulfide
Concen: 0.765 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.01 min
Lab File: VV010258.D
Acq: 11 Apr 2019 23:18

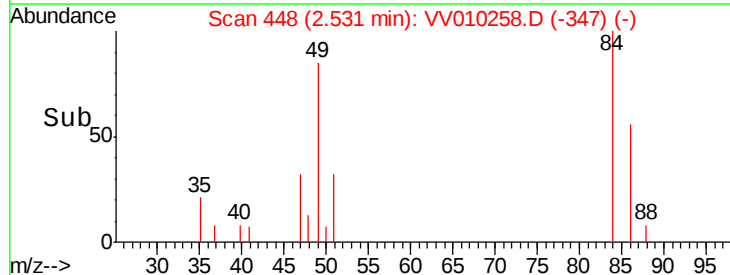
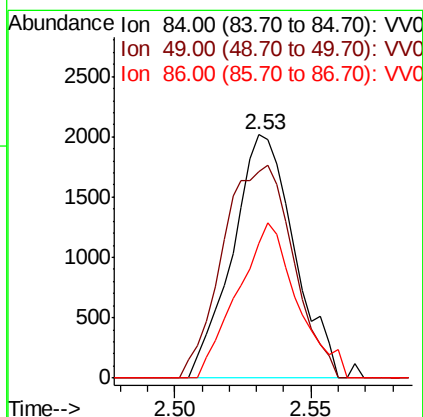
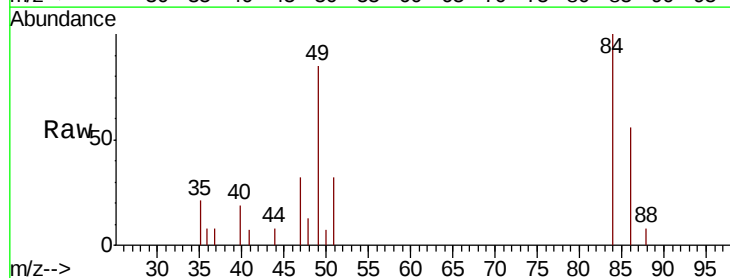
Instrument :
MSVOA_V
ClientSampled :
DB6Y3

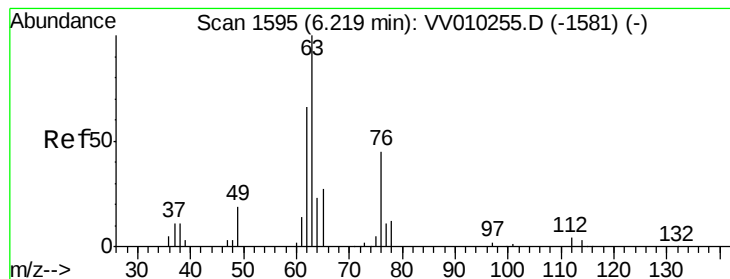
Tgt Ion: 76 Resp: 1494
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#16
Methylene chloride
Concen: 2.639 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV010258.D
Acq: 11 Apr 2019 23:18

Tgt Ion: 84 Resp: 3167
Ion Ratio Lower Upper
84 100
49 84.8 79.9 148.5
86 55.6 44.5 82.7





#40

1,2-Dichloropropane

Concen: 2.989 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010258.D

Acq: 11 Apr 2019 23:18

Instrument :

MSVOA_V

ClientSampled :

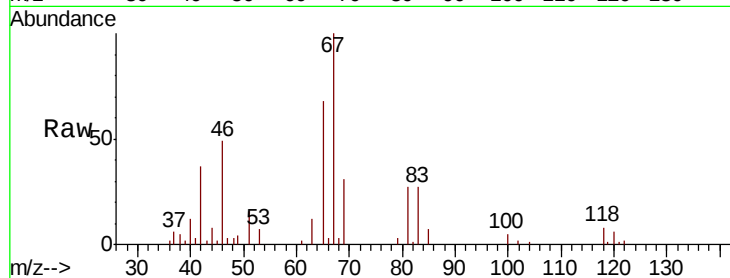
DB6Y3

Tgt Ion: 63 Resp: 2261

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VV010255.D (-1581) (-)

Ion 112.00 (111.70 to 112.70): VV010255.D (-1581) (-)

6.11

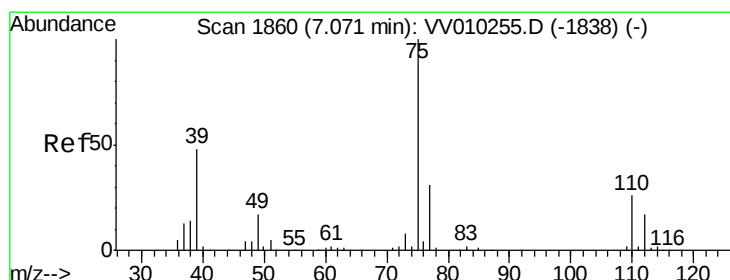
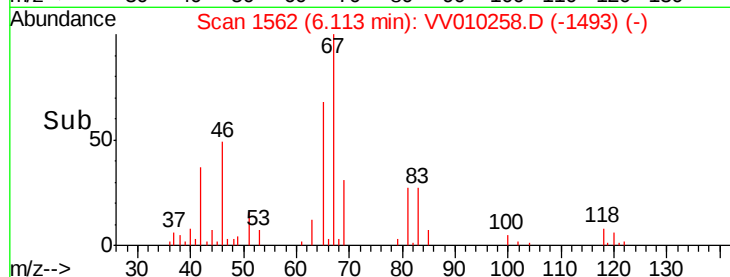
1000

500

0

6.10 6.15

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.629 ug/L

RT: 7.02 min Scan# 1845

Delta R.T. -0.05 min

Lab File: VV010258.D

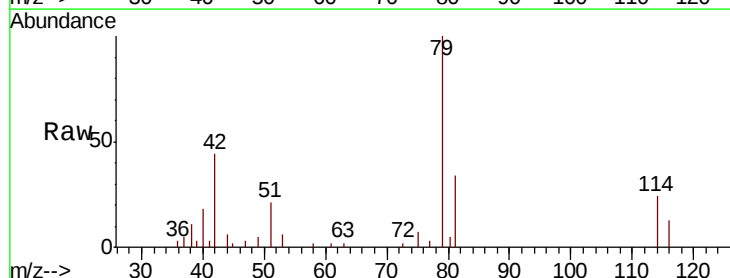
Acq: 11 Apr 2019 23:18

Tgt Ion: 75 Resp: 721

Ion Ratio Lower Upper

75 100

77 44.2 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VV010255.D (-1838) (-)

Ion 77.00 (76.70 to 77.70): VV010255.D (-1838) (-)

7.02

500

400

300

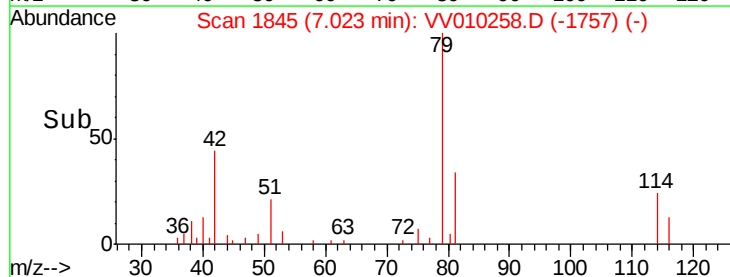
200

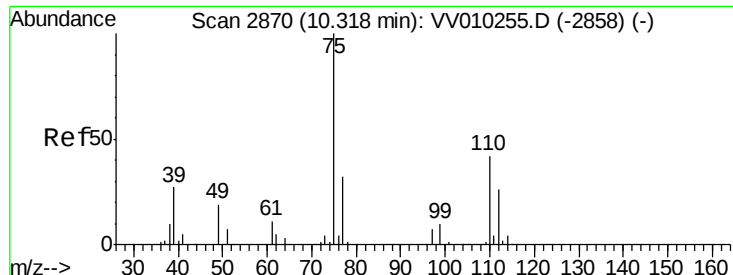
100

0

7.00 7.02 7.04 7.06

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.615 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV010258.D

Acq: 11 Apr 2019 23:18

Instrument :

MSVOA_V

ClientSampleId :

DB6Y3

Tgt Ion: 75 Resp: 2694

Ion Ratio Lower Upper

75 100

77 37.8 26.9 40.3

