

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007928.D
 Acq On : 28 Sep 2018 00:51
 Operator : SY/MD
 Sample : J5063-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 03:48:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86574	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20605	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.59	69	20015	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.14	63	35223	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.96	46	63829	45.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.44%
24) Chloroform-d	4.41	84	49785	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.09	65	27461	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	96096	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	29859	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	89457	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	9797	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	44796	43.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22269	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	37547	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

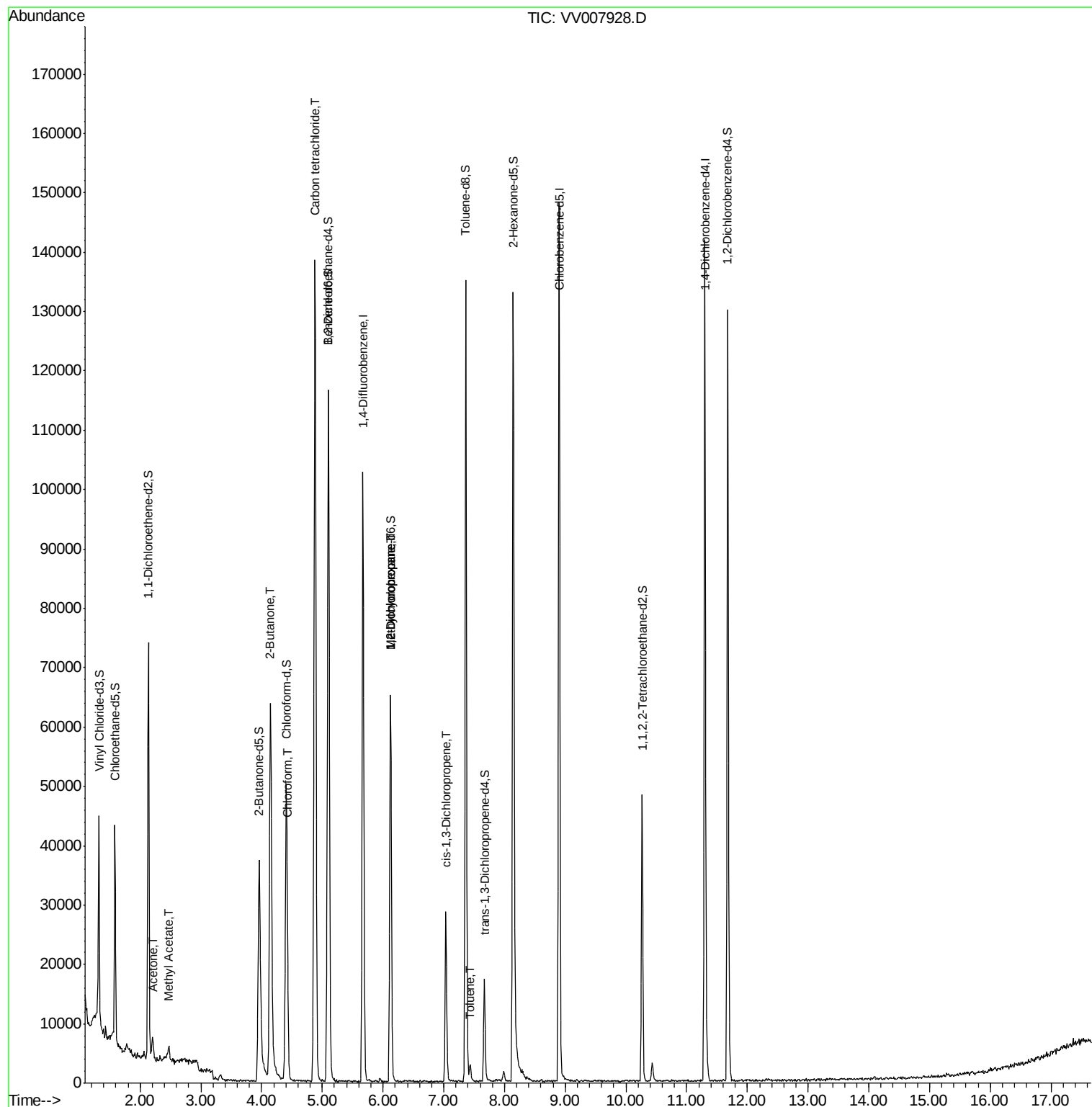
					Ovalue
13) Acetone	2.21	43	3668	3.606	ug/L 98
15) Methyl Acetate	2.47	43	3133	1.204	ug/L 91
21) 2-Butanone	4.15	43	101977	62.931	ug/L # 50
25) Chloroform	4.43	83	2083	0.179	ug/L 91
31) Carbon tetrachloride	4.88	117	99818	11.643	ug/L 100
35) Methylcyclohexane	6.13	83	7500	0.754	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3601	0.609	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	729	0.092	ug/L # 72
42) Toluene	7.43	91	2153	0.085	ug/L 93

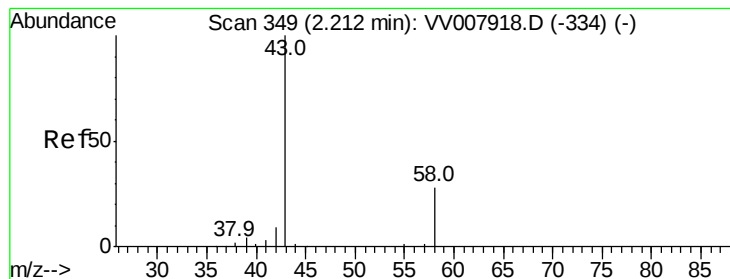
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092718\
Data File : VV007928.D
Acq On : 28 Sep 2018 00:51
Operator : SY/MD
Sample : J5063-15
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 28 03:48:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 03:46:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.606 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV007928.D

Acq: 28 Sep 2018 00:51

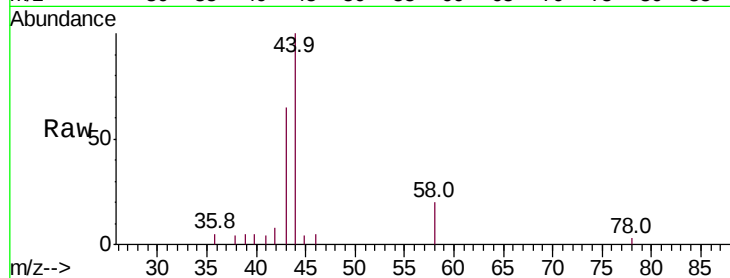
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3668

Ion Ratio Lower Upper

43 100

58 30.1 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV007918.D (-334) (-)

2500

2000

1500

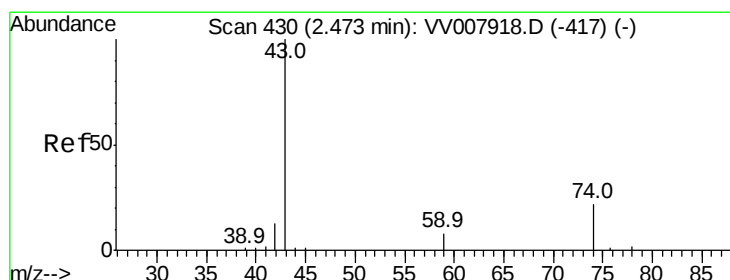
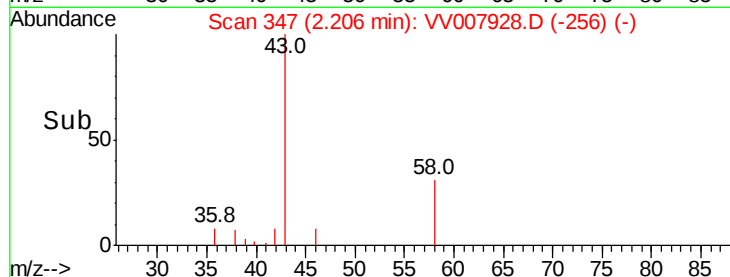
1000

500

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 1.204 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV007928.D

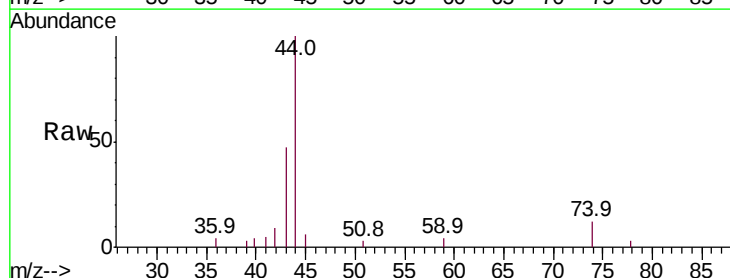
Acq: 28 Sep 2018 00:51

Tgt Ion: 43 Resp: 3133

Ion Ratio Lower Upper

43 100

74 19.8 19.5 29.3



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV007918.D (-417) (-)

1500

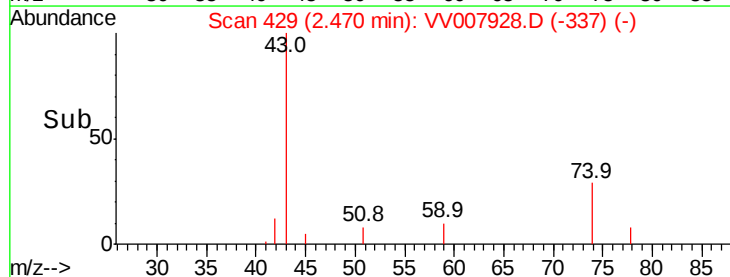
1000

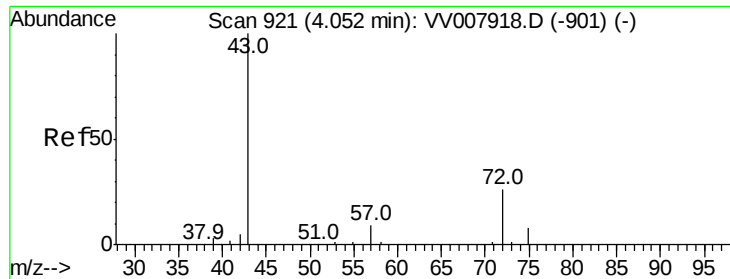
500

0

2.40 2.45 2.50 2.55

Time-->





#21

2-Butanone

Concen: 62.931 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007928.D

Acq: 28 Sep 2018 00:51

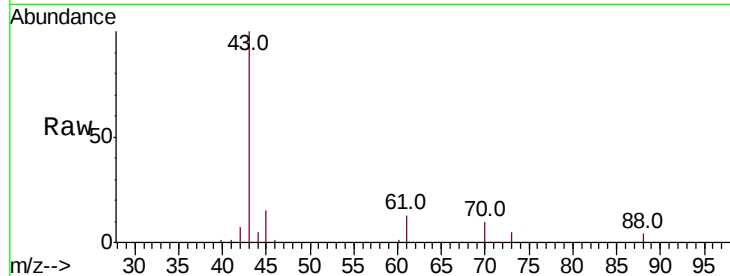
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 101977

Ion Ratio Lower Upper

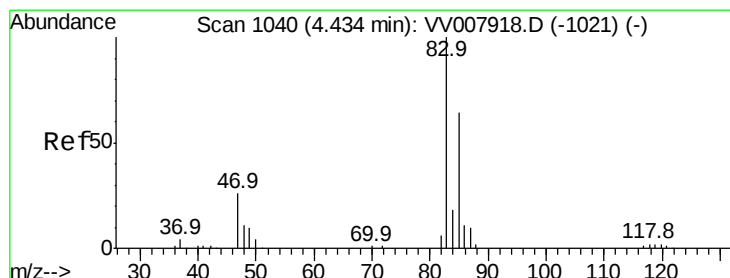
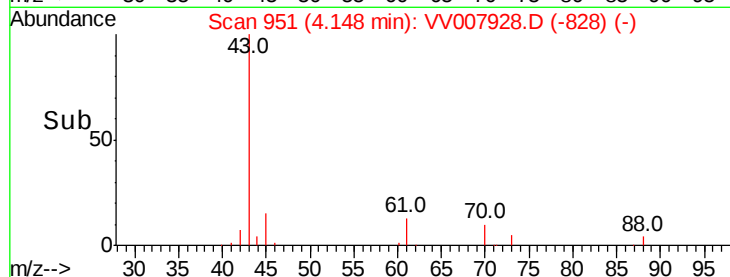
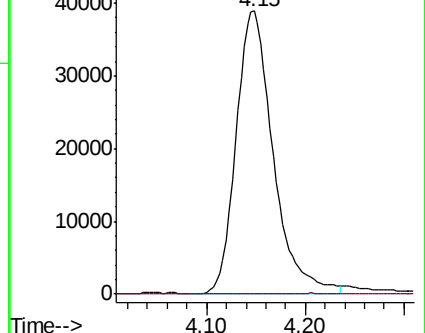
43 100

72 0.1 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-901) (-)

Ion 72.10 (71.80 to 72.80): VV007918.D (-901) (-)



#25

Chloroform

Concen: 0.179 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV007928.D

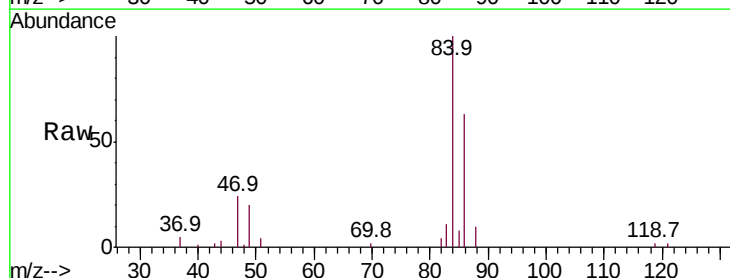
Acq: 28 Sep 2018 00:51

Tgt Ion: 83 Resp: 2083

Ion Ratio Lower Upper

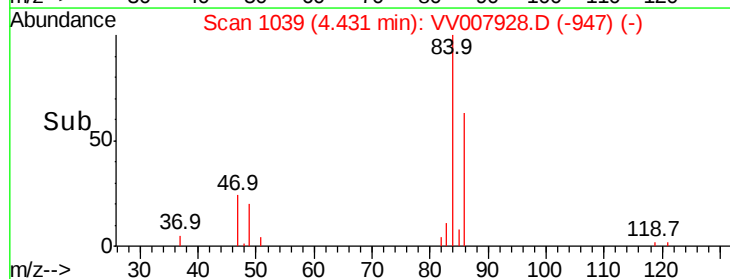
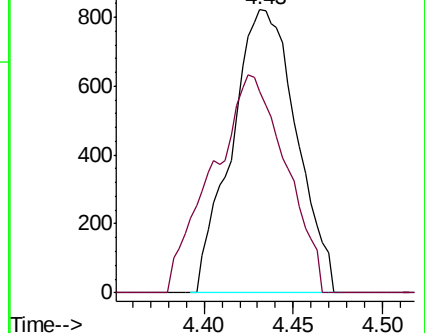
83 100

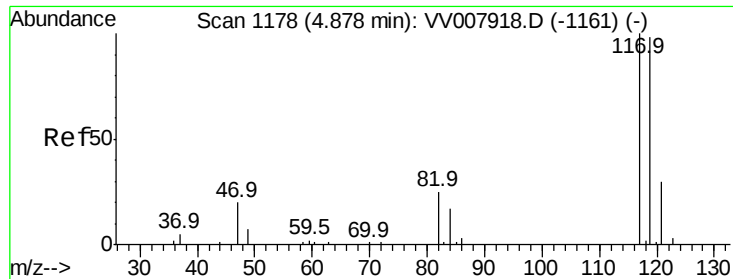
85 71.2 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007918.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007918.D (-1021) (-)





#31

Carbon tetrachloride

Concen: 11.643 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007928.D

Acq: 28 Sep 2018 00:51

Instrument :

MSVOA_V

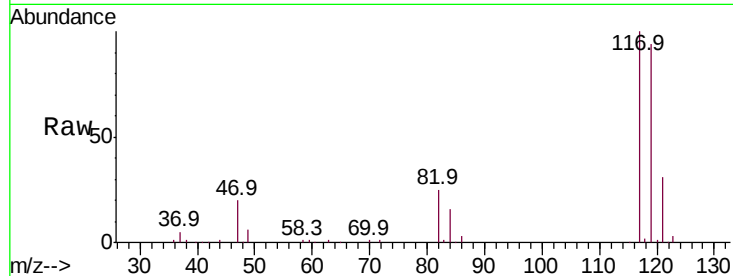
ClientSampleId :

Tot Ion:117 Resp: 99818

Ion Ratio Lower Upper

117 100

119 97.0 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.88

50000

40000

30000

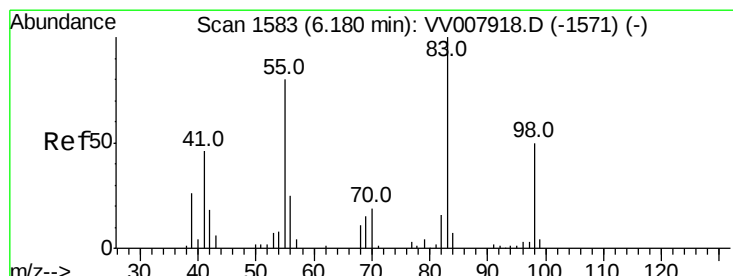
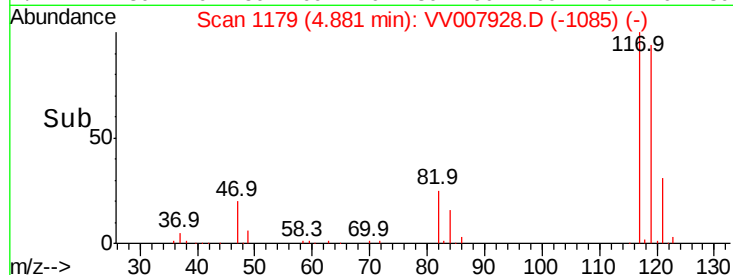
20000

10000

0

Time-->

4.80 4.90 5.00



#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007928.D

Acq: 28 Sep 2018 00:51

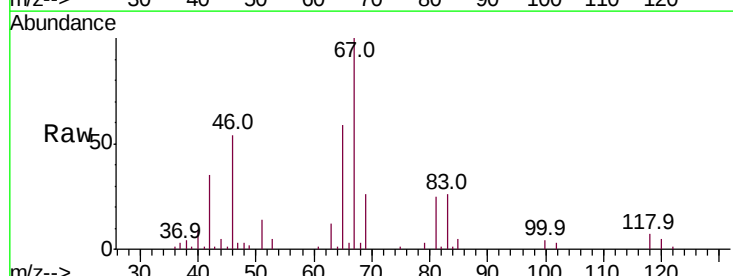
Tgt Ion: 83 Resp: 7500

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 0.3 38.0 57.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

5000

4000

3000

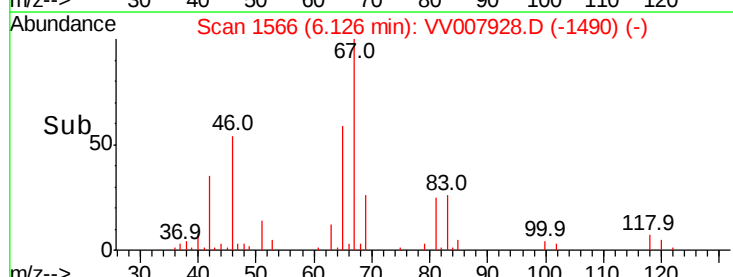
2000

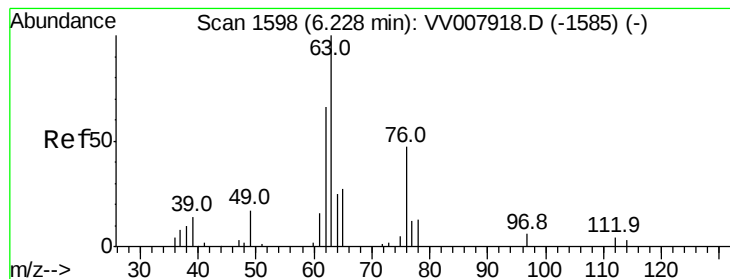
1000

0

Time-->

6.05 6.10 6.15 6.20





#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007928.D

Acq: 28 Sep 2018 00:51

Instrument :

MSVOA_V

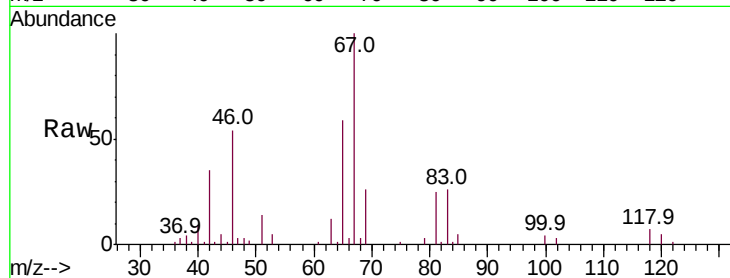
ClientSampleId :

Tot Ion: 63 Resp: 3601

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV007918.D (-1585) (-)

Ion 112.10 (111.80 to 112.80): VV007918.D (-1585) (-)

6.13

2000

1500

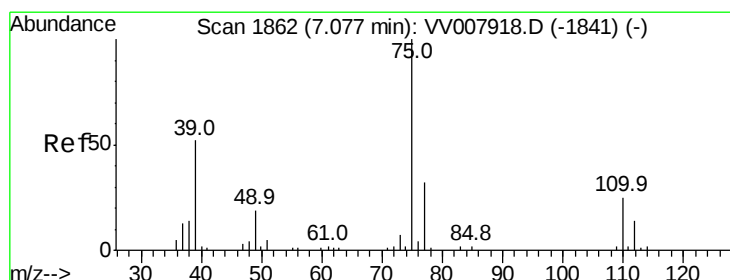
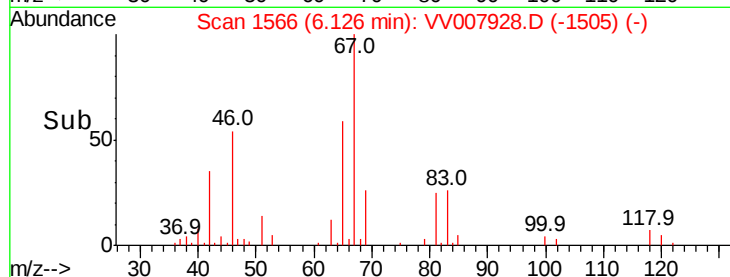
1000

500

0

6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007928.D

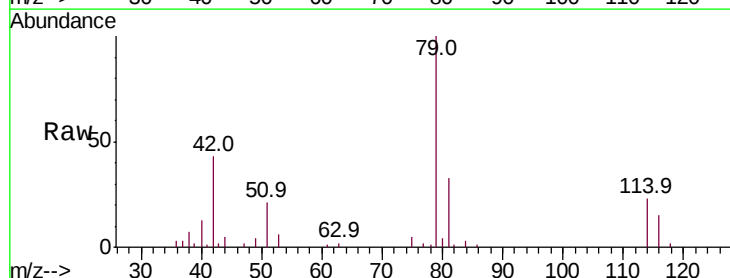
Acq: 28 Sep 2018 00:51

Tgt Ion: 75 Resp: 729

Ion Ratio Lower Upper

75 100

77 48.6 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007918.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV007918.D (-1841) (-)

7.03

500

400

300

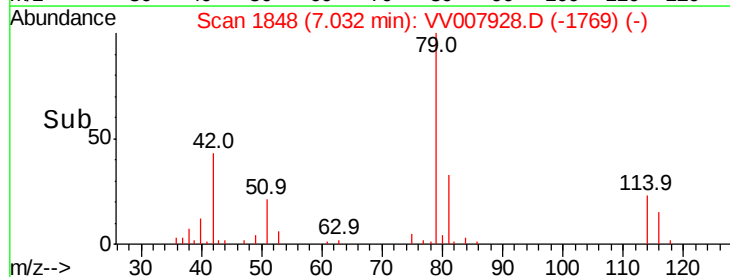
200

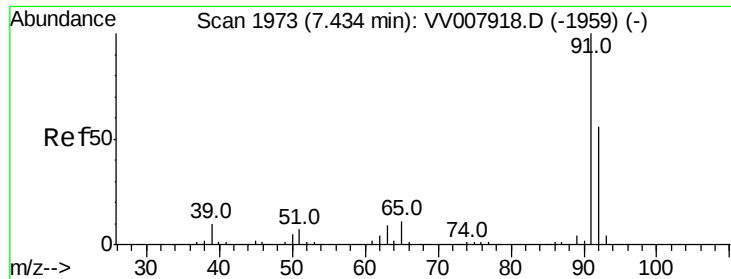
100

0

7.00 7.02 7.04 7.06

Time-->





#42

Toluene

Concen: 0.085 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV007928.D

Acq: 28 Sep 2018 00:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 2153

Ion Ratio Lower Upper

91 100

92 52.9 40.8 75.8

