

Data File : VV008130.D
Acq On : 06 Oct 2018 06:00
Operator : SY/MD
Sample : J5277-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYC4

Quant Time: Oct 06 06:47:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 04:00:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93441	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40681	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25297	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.59	69	23297	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.14	63	38829	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.96	46	74080	53.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.38%
24) Chloroform-d	4.41	84	58243	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	29847	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	107963	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.12	67	34941	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	94878	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.67	79	10774	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	49600	49.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24638	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39496	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

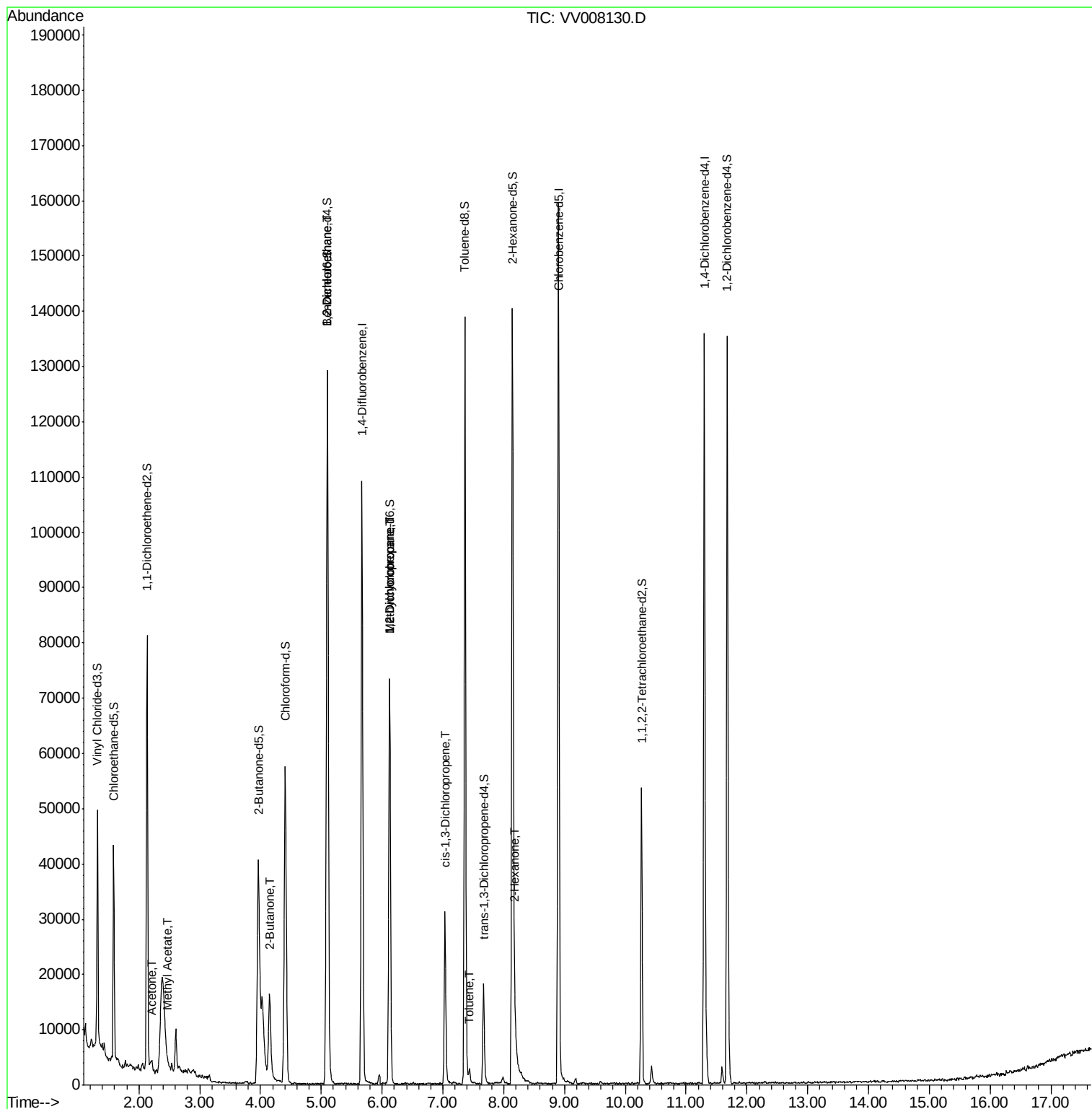
					Qvalue	
13) Acetone	2.21	43	2492	2.665	ug/L	83
15) Methyl Acetate	2.47	43	607	0.273	ug/L #	53
21) 2-Butanone	4.15	43	23397	15.512	ug/L #	49
27) 1,2-Dichloroethane	5.11	62	759	0.114	ug/L #	75
35) Methylcyclohexane	6.12	83	8696	0.940	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	4033	0.659	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	738	0.094	ug/L #	64
42) Toluene	7.44	91	1730	0.072	ug/L	93
48) 2-Hexanone	8.18	43	3692	1.567	ug/L #	84

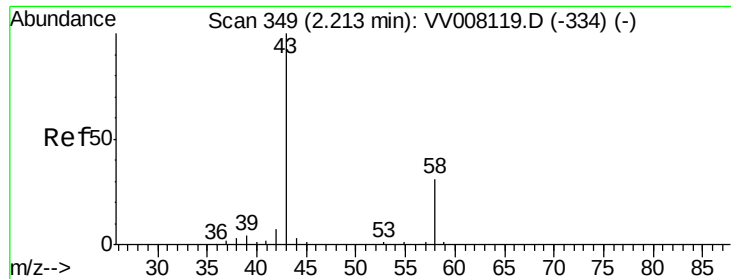
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.665 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV008130.D

Acq: 06 Oct 2018 06:00

Instrument :

MSVOA_V

ClientSampleId :

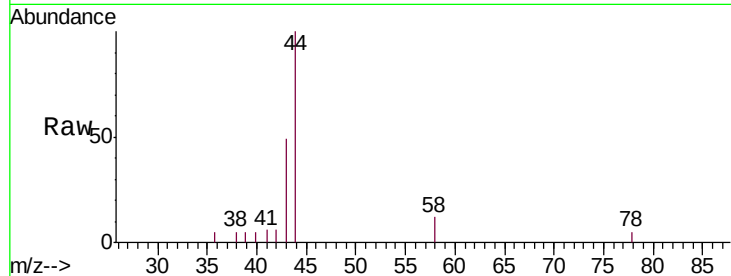
BEYC4

Tgt Ion: 43 Resp: 2492

Ion Ratio Lower Upper

43 100

58 22.0 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008119.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV008119.D (-334) (-)

2.21

1200

1000

800

600

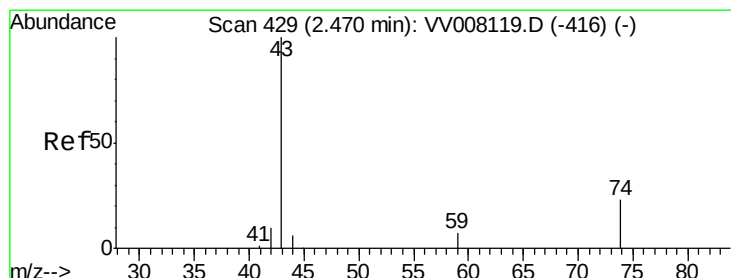
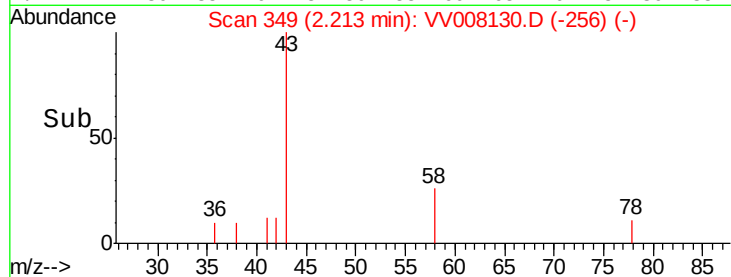
400

200

0

Time-->

2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 0.273 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VV008130.D

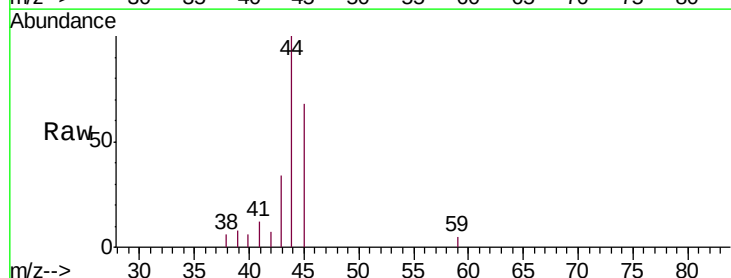
Acq: 06 Oct 2018 06:00

Tgt Ion: 43 Resp: 607

Ion Ratio Lower Upper

43 100

74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV008119.D (-416) (-)

Ion 74.05 (73.75 to 74.75): VV008119.D (-416) (-)

2.47

1200

1000

800

600

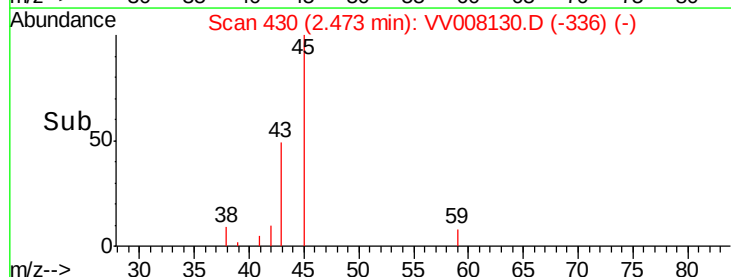
400

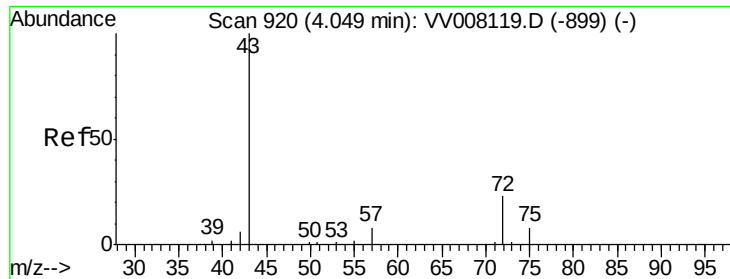
200

0

Time-->

2.46 2.48 2.50 2.52





#21

2-Butanone

Concen: 15.512 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV008130.D

Acq: 06 Oct 2018 06:00

Instrument :

MSVOA_V

ClientSampled :

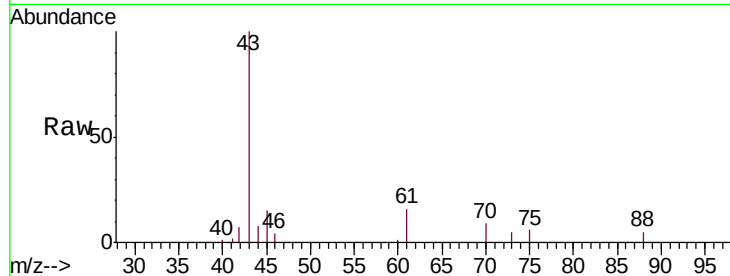
BEYC4

Tgt Ion: 43 Resp: 23397

Ion Ratio Lower Upper

43 100

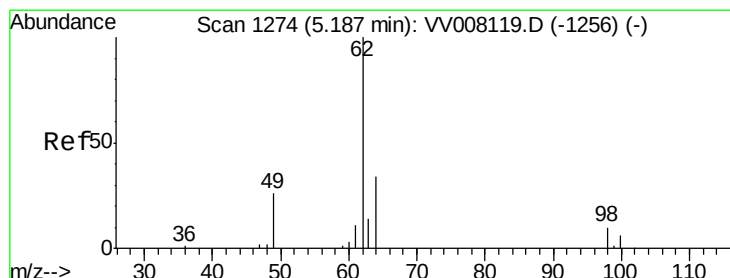
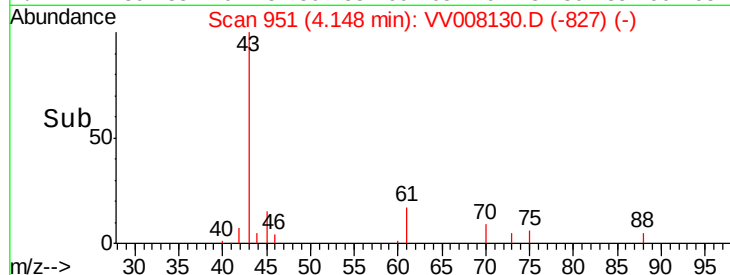
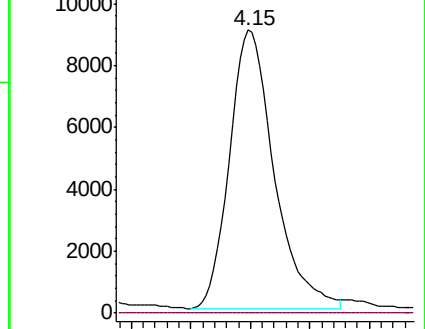
72 0.0 12.9 38.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008119.D (-899) (-)

Ion 72.10 (71.80 to 72.80): VV008119.D (-899) (-)

4.15



#27

1,2-Dichloroethane

Concen: 0.114 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. -0.08 min

Lab File: VV008130.D

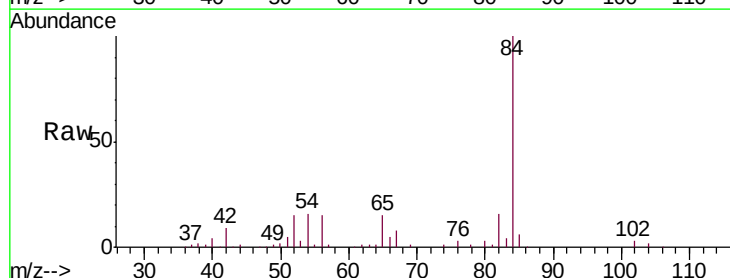
Acq: 06 Oct 2018 06:00

Tgt Ion: 62 Resp: 759

Ion Ratio Lower Upper

62 100

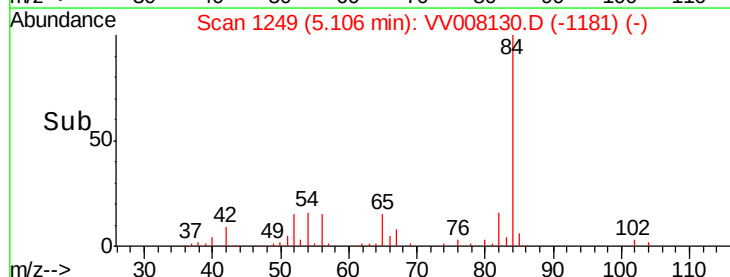
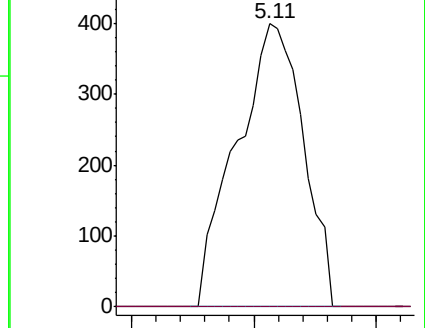
98 0.0 7.3 10.9#

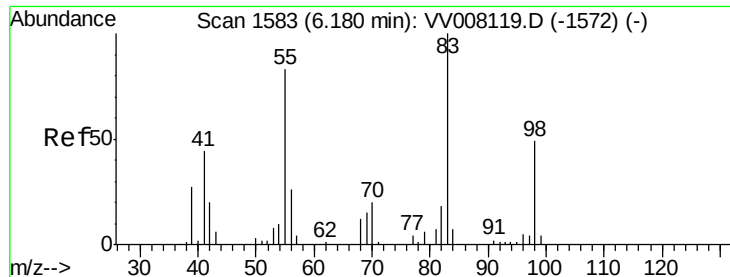


Abundance Ion 62.00 (61.70 to 62.70): VV008119.D (-1256) (-)

Ion 98.05 (97.75 to 98.75): VV008119.D (-1256) (-)

5.11

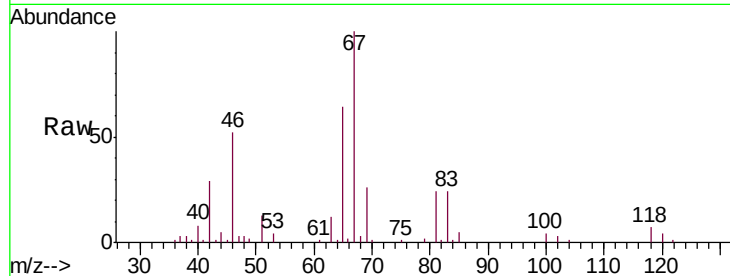




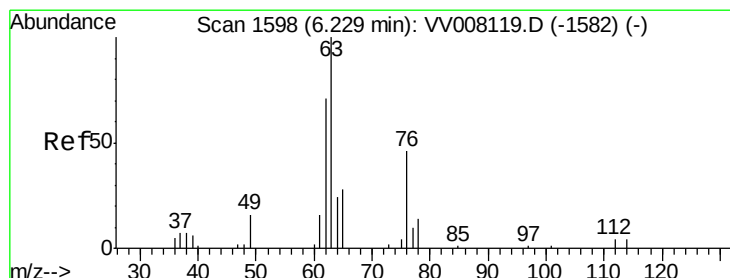
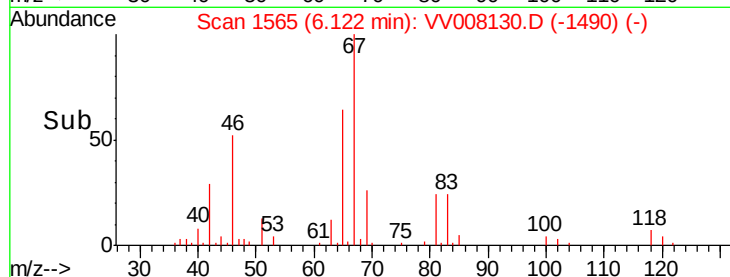
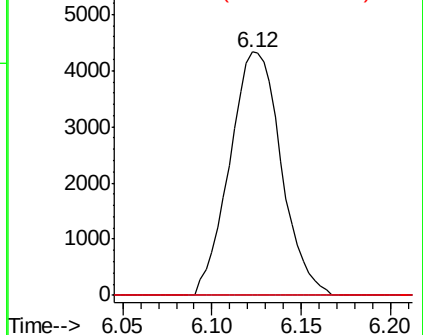
#35
Methylcyclohexane
Concen: 0.940 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008130.D
Acq: 06 Oct 2018 06:00

Instrument :
MSVOA_V
ClientSampleId :
BEYC4

Tgt Ion: 83 Resp: 8696
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.0 38.3 57.5#

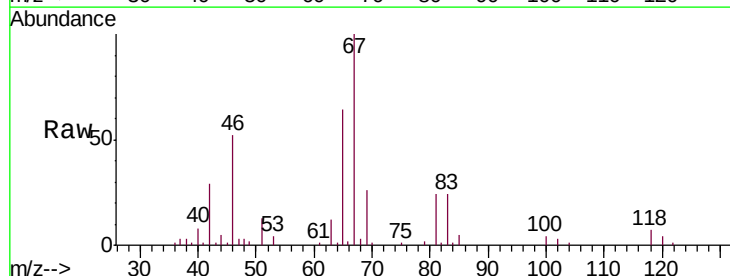


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

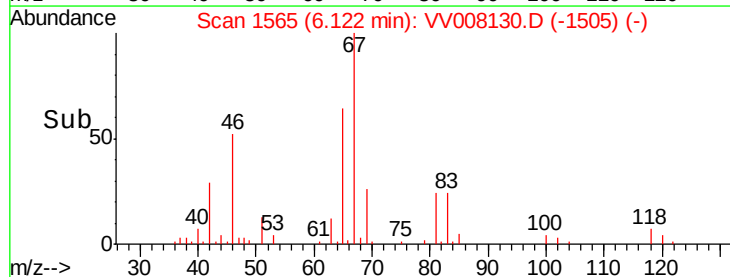
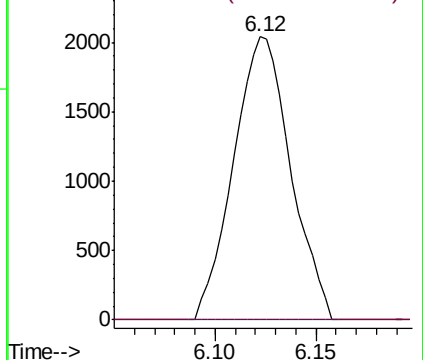


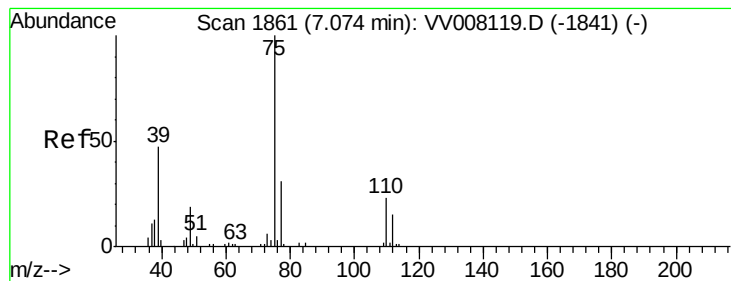
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV008130.D
Acq: 06 Oct 2018 06:00

Tgt Ion: 63 Resp: 4033
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008130.D

Acq: 06 Oct 2018 06:00

Instrument :

MSVOA_V

ClientSampleId :

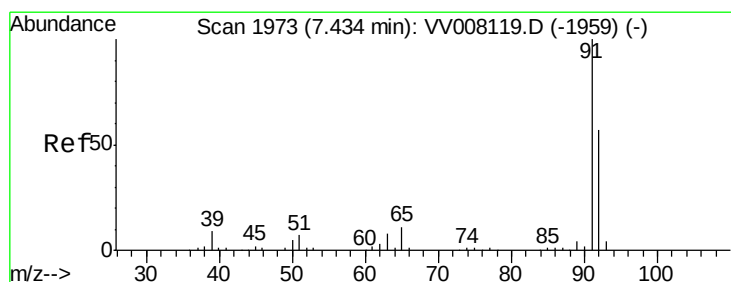
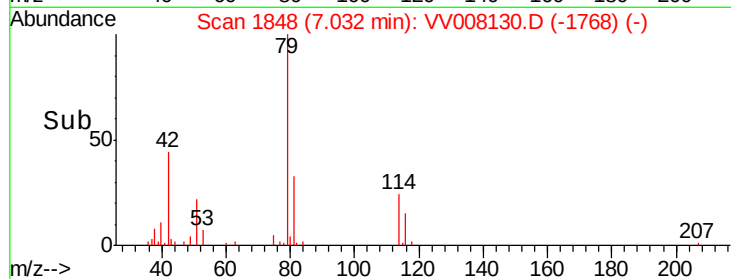
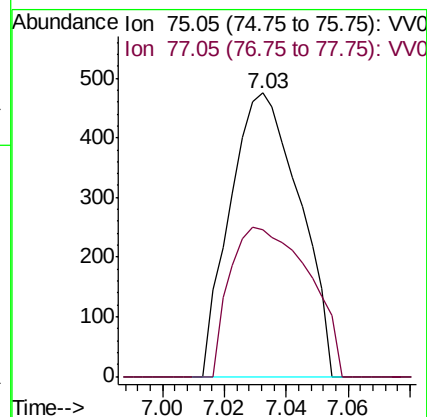
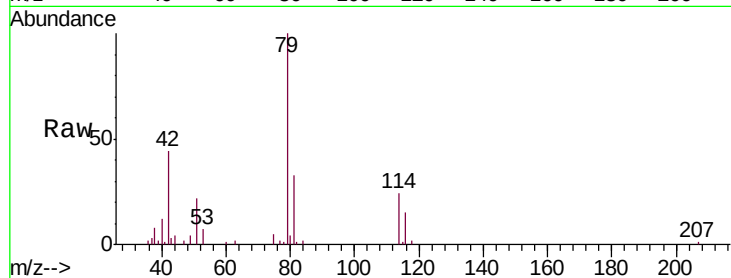
BEYC4

Tgt Ion: 75 Resp: 738

Ion Ratio Lower Upper

75 100

77 51.8 22.1 41.1#



#42

Toluene

Concen: 0.072 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV008130.D

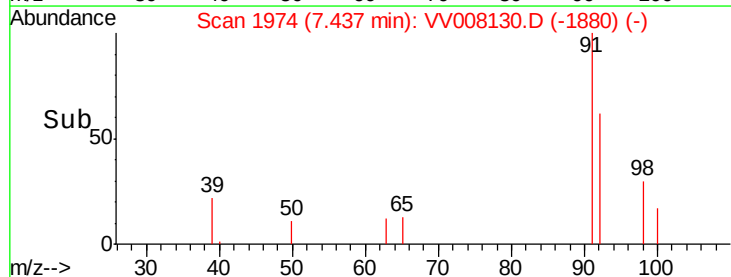
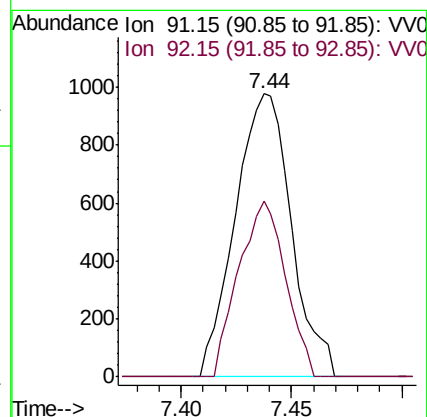
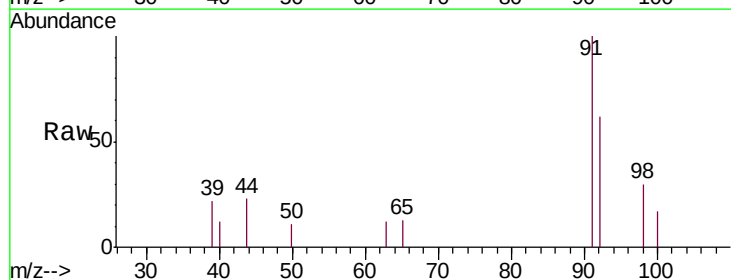
Acq: 06 Oct 2018 06:00

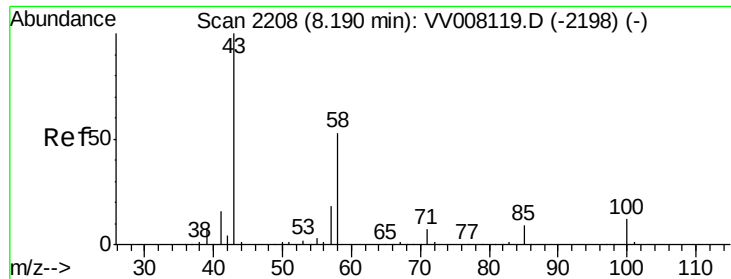
Tgt Ion: 91 Resp: 1730

Ion Ratio Lower Upper

91 100

92 62.2 39.9 74.1





#48

2-Hexanone

Concen: 1.567 ug/L

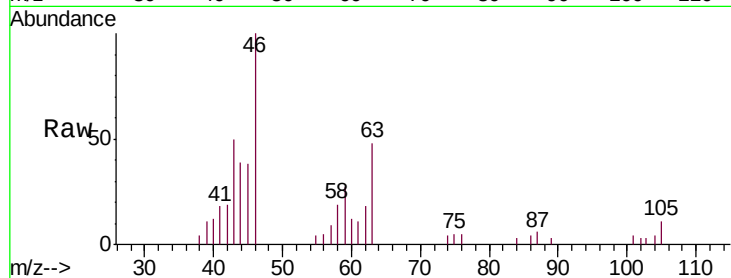
RT: 8.18 min Scan# 2206

Delta R.T. -0.01 min

Lab File: VV008130.D

Acq: 06 Oct 2018 06:00

Instrument :
MSVOA_V
ClientSampleId :
BEYC4



Tgt Ion:	43	Resp:	3692
Ion	Ratio	Lower	Upper
43	100		
58	45.6	40.5	60.7
57	0.0	14.6	22.0#
100	5.1	9.3	13.9#

