

Data File : VV008171.D
Acq On : 08 Oct 2018 23:51
Operator : SY/MD
Sample : J5280-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYJ2

Quant Time: Oct 09 04:09:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 04:07:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87777	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24910	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.59	69	21227	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.14	63	37367	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.96	46	65485	50.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.04%
24) Chloroform-d	4.41	84	52011	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.09	65	26367	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.10	84	101783	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.13	67	32155	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	87922	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	9960	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.14	63	38512	41.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21475	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	35480	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

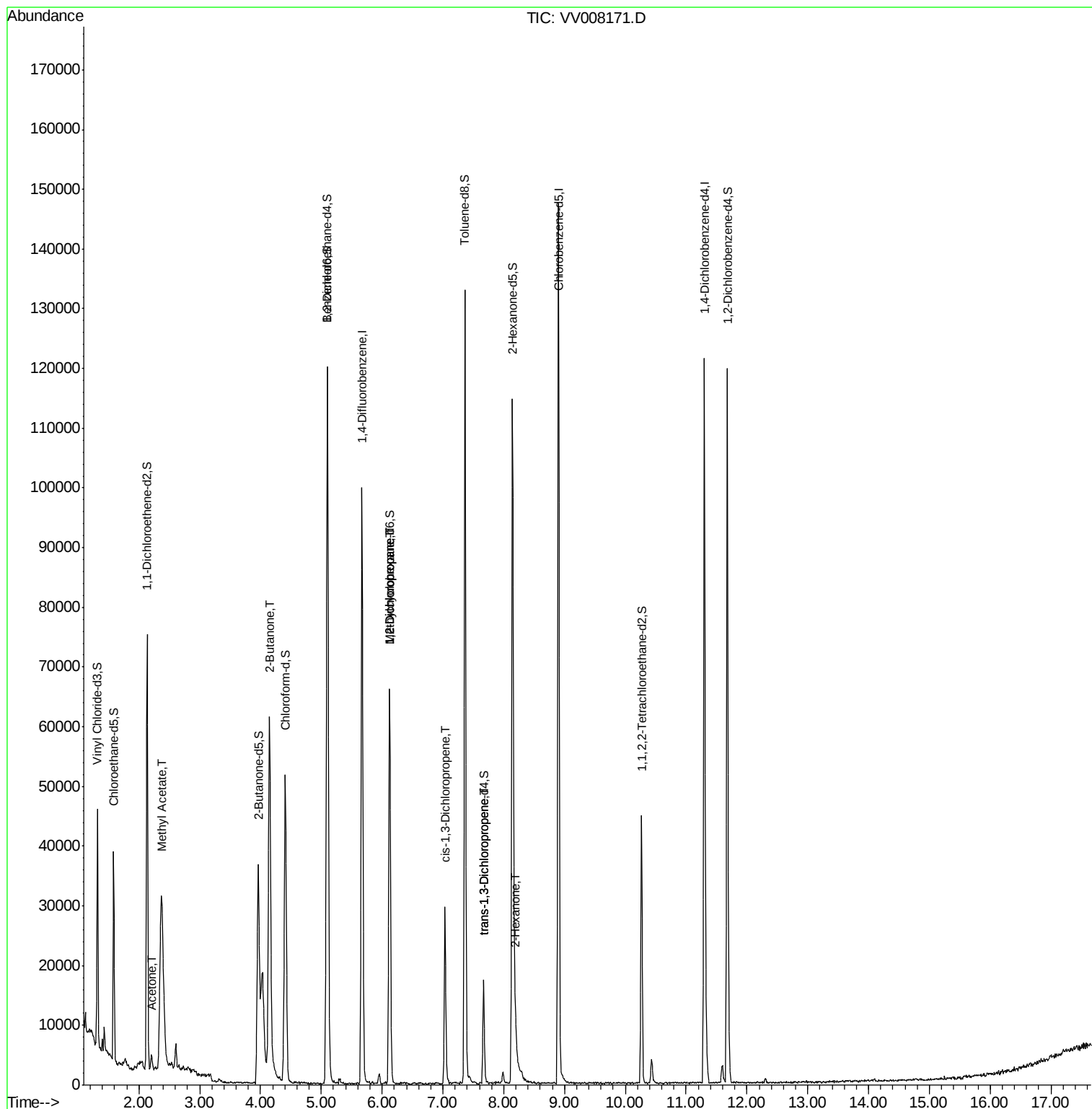
					Qvalue
13) Acetone	2.21	43	3043	3.465	ug/L 95
15) Methyl Acetate	2.37	43	17517	8.401	ug/L # 53
21) 2-Butanone	4.15	43	96365	68.014	ug/L # 49
35) Methylcyclohexane	6.12	83	7730	0.904	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3588	0.634	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	702	0.097	ug/L # 17
44) trans-1,3-Dichloropropene	7.67	75	486	0.082	ug/L # 67
48) 2-Hexanone	8.20	43	5086	2.337	ug/L # 77

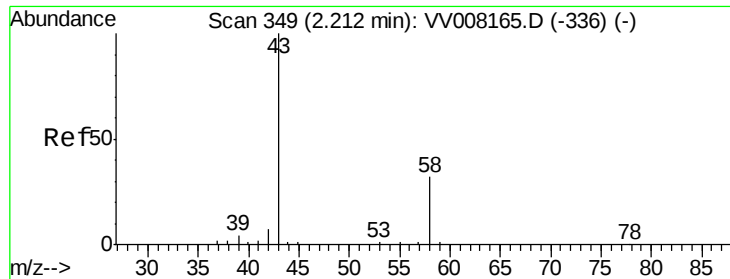
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.465 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV008171.D

Acq: 08 Oct 2018 23:51

Instrument :

MSVOA_V

ClientSampleId :

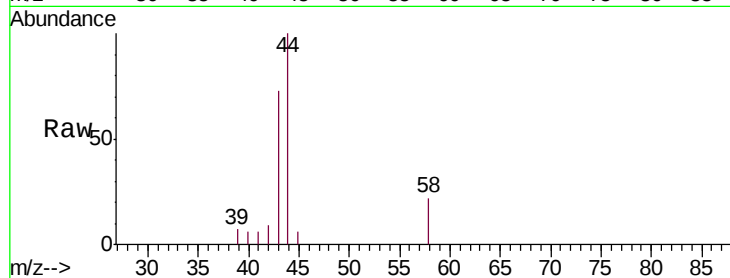
BEYJ2

Tgt Ion: 43 Resp: 3043

Ion Ratio Lower Upper

43 100

58 28.5 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008171.D (-256) (-)

Ion 58.05 (57.75 to 58.75): VV008171.D (-256) (-)

2.21

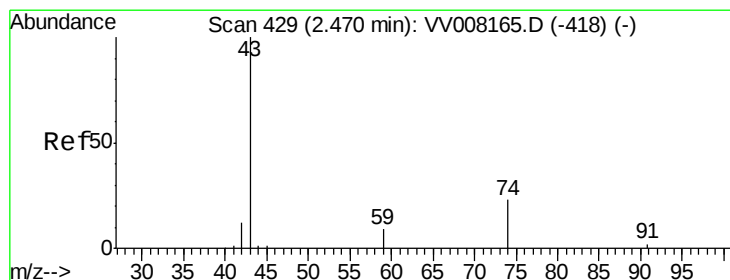
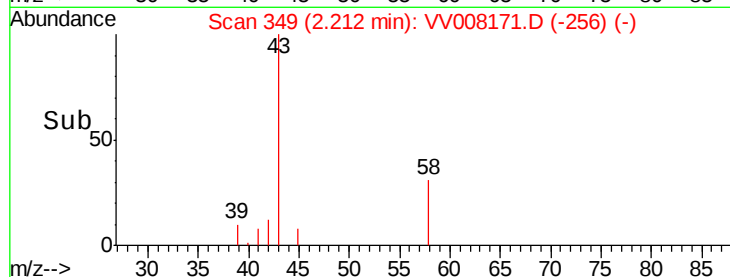
1500

1000

500

0

Time-->



#15

Methyl Acetate

Concen: 8.401 ug/L

RT: 2.37 min Scan# 397

Delta R.T. -0.10 min

Lab File: VV008171.D

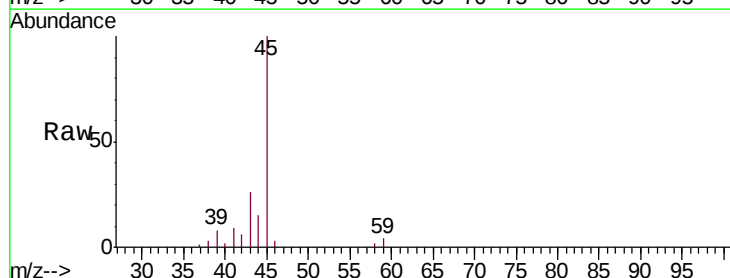
Acq: 08 Oct 2018 23:51

Tgt Ion: 43 Resp: 17517

Ion Ratio Lower Upper

43 100

74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV008171.D (-336) (-)

Ion 74.05 (73.75 to 74.75): VV008171.D (-336) (-)

2.37

5000

4000

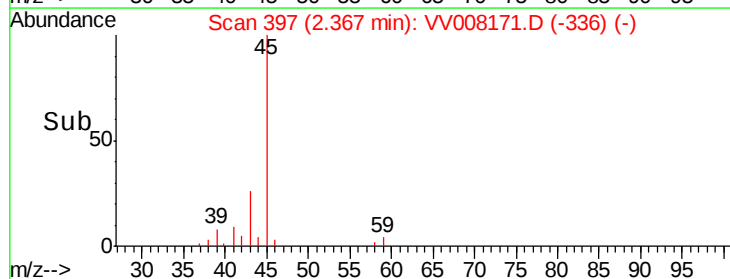
3000

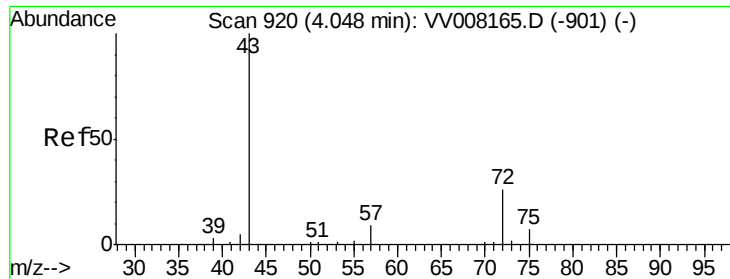
2000

1000

0

Time-->





#21

2-Butanone

Concen: 68.014 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV008171.D

Acq: 08 Oct 2018 23:51

Instrument :

MSVOA_V

ClientSampleId :

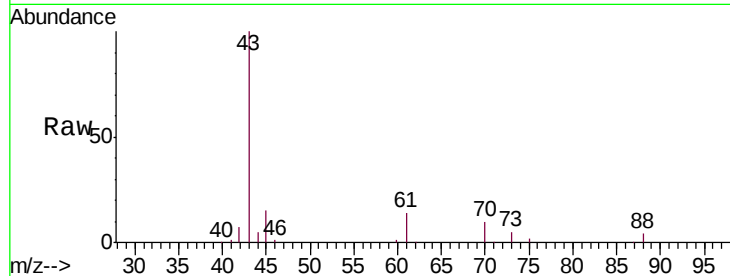
BEYJ2

Tgt Ion: 43 Resp: 96365

Ion Ratio Lower Upper

43 100

72 0.0 12.9 38.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008165.D (-901) (-)

Ion 72.10 (71.80 to 72.80): VV008165.D (-901) (-)

4.15

40000

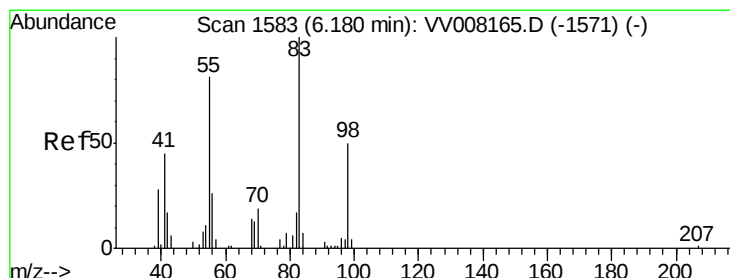
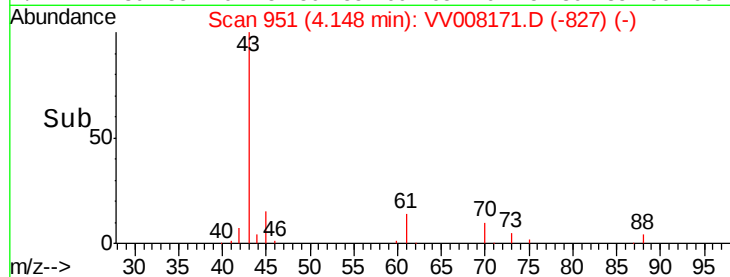
30000

20000

10000

0

Time-->



#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008171.D

Acq: 08 Oct 2018 23:51

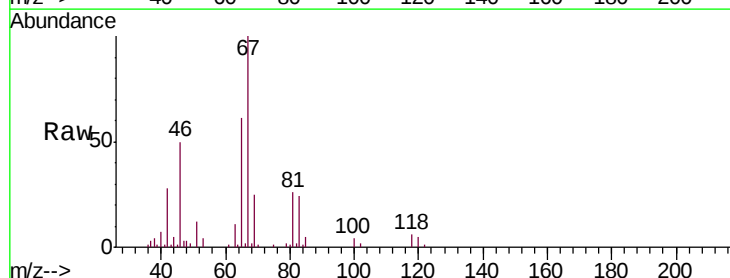
Tgt Ion: 83 Resp: 7730

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

98 1.4 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV008165.D (-1571) (-)

Ion 55.10 (54.80 to 55.80): VV008165.D (-1571) (-)

Ion 98.15 (97.85 to 98.85): VV008165.D (-1571) (-)

6.12

5000

4000

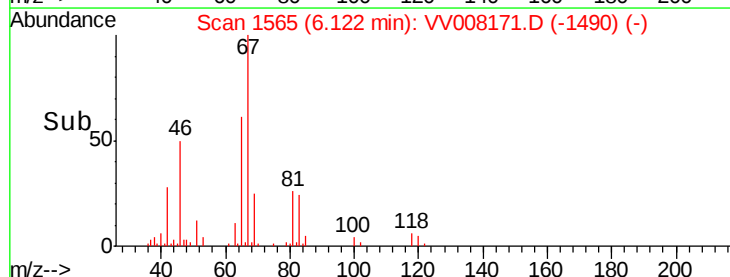
3000

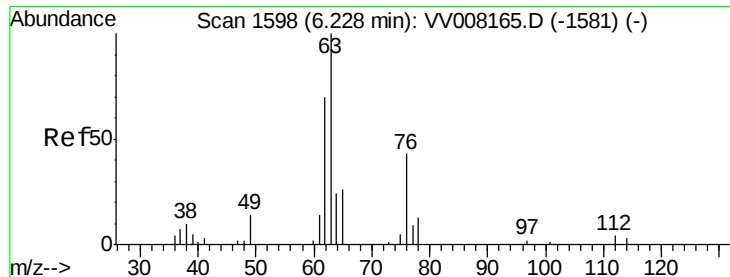
2000

1000

0

Time-->

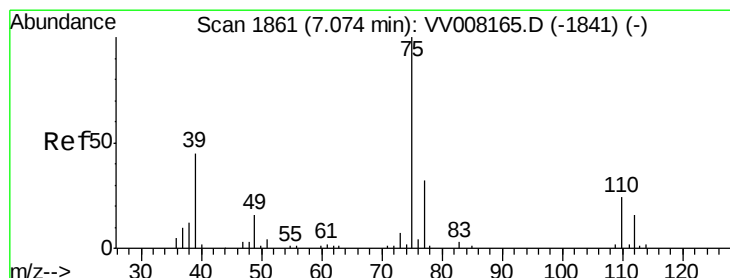
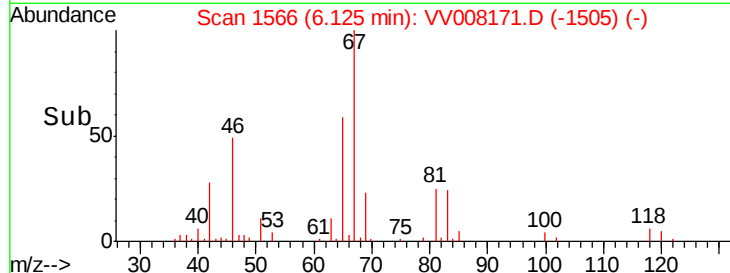
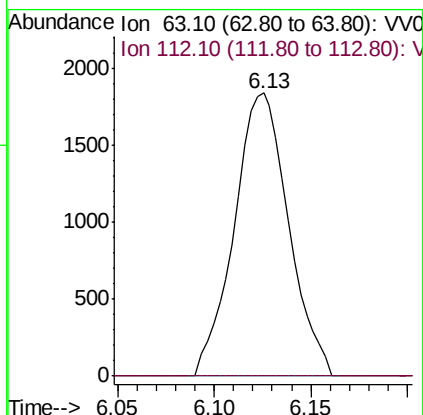
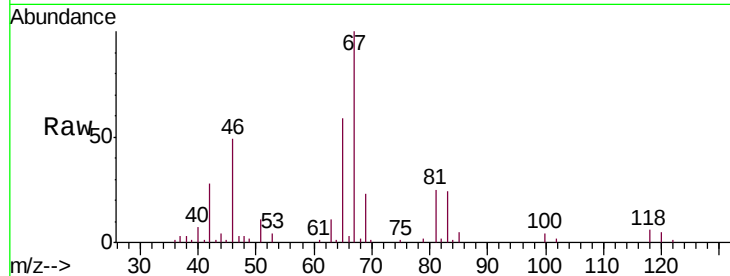




#37
 1,2-Dichloropropane
 Concen: 0.634 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008171.D
 Acq: 08 Oct 2018 23:51

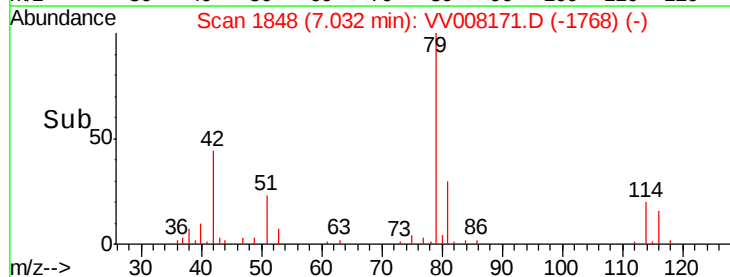
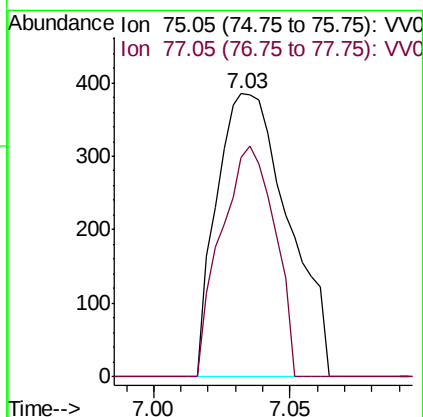
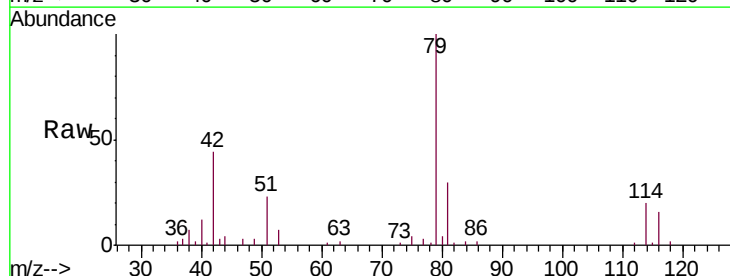
Instrument :
 MSVOA_V
 ClientSampleId :
 BEYJ2

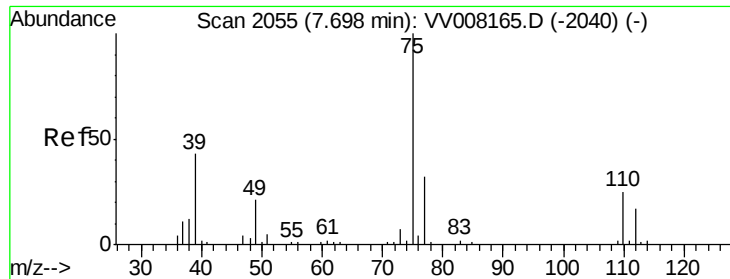
Tgt Ion: 63 Resp: 3588
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008171.D
 Acq: 08 Oct 2018 23:51

Tgt Ion: 75 Resp: 702
 Ion Ratio Lower Upper
 75 100
 77 77.4 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008171.D

Acq: 08 Oct 2018 23:51

Instrument :

MSVOA_V

ClientSampleId :

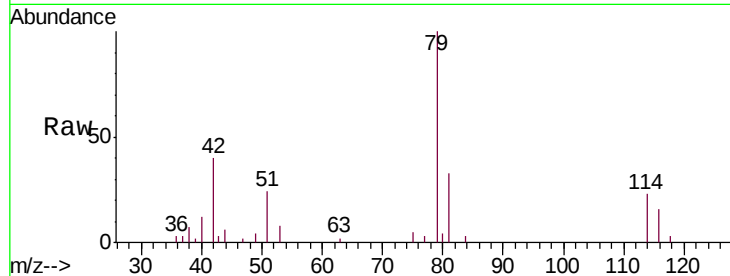
BEYJ2

Tgt Ion: 75 Resp: 486

Ion Ratio Lower Upper

75 100

77 52.1 23.4 43.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

300

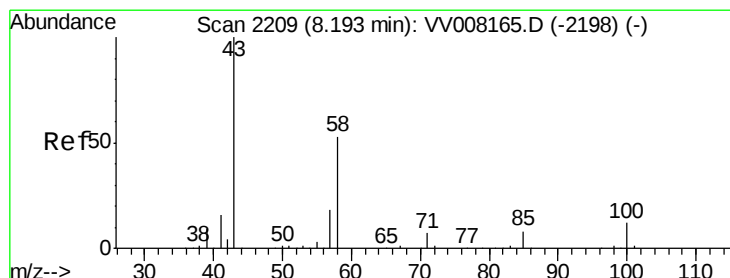
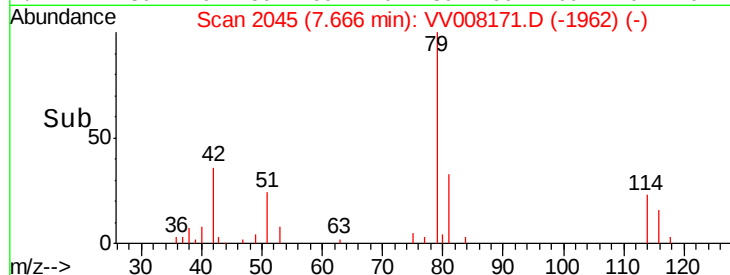
200

100

0

7.64 7.66 7.68 7.70

Time-->



#48

2-Hexanone

Concen: 2.337 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008171.D

Acq: 08 Oct 2018 23:51

Tgt Ion: 43 Resp: 5086

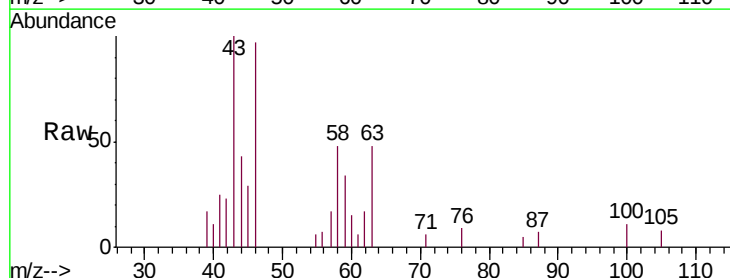
Ion Ratio Lower Upper

43 100

58 32.5 40.5 60.7#

57 10.9 14.6 22.0#

100 5.0 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

4000

3000

2000

1000

0

8.15 8.20 8.25 8.30

Time-->

