

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008202.D
 Acq On : 09 Oct 2018 15:26
 Operator : SY/MD
 Sample : J5281-18
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYM5

Quant Time: Oct 10 03:13:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 03:08:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93147	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90530	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41046	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24888	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.59	69	21833	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.14	63	37115	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.96	46	68831	50.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.08%
24) Chloroform-d	4.41	84	55606	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.09	65	28299	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	106865	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	34055	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	93932	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.67	79	11179	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.14	63	43901	43.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23015	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	38570	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

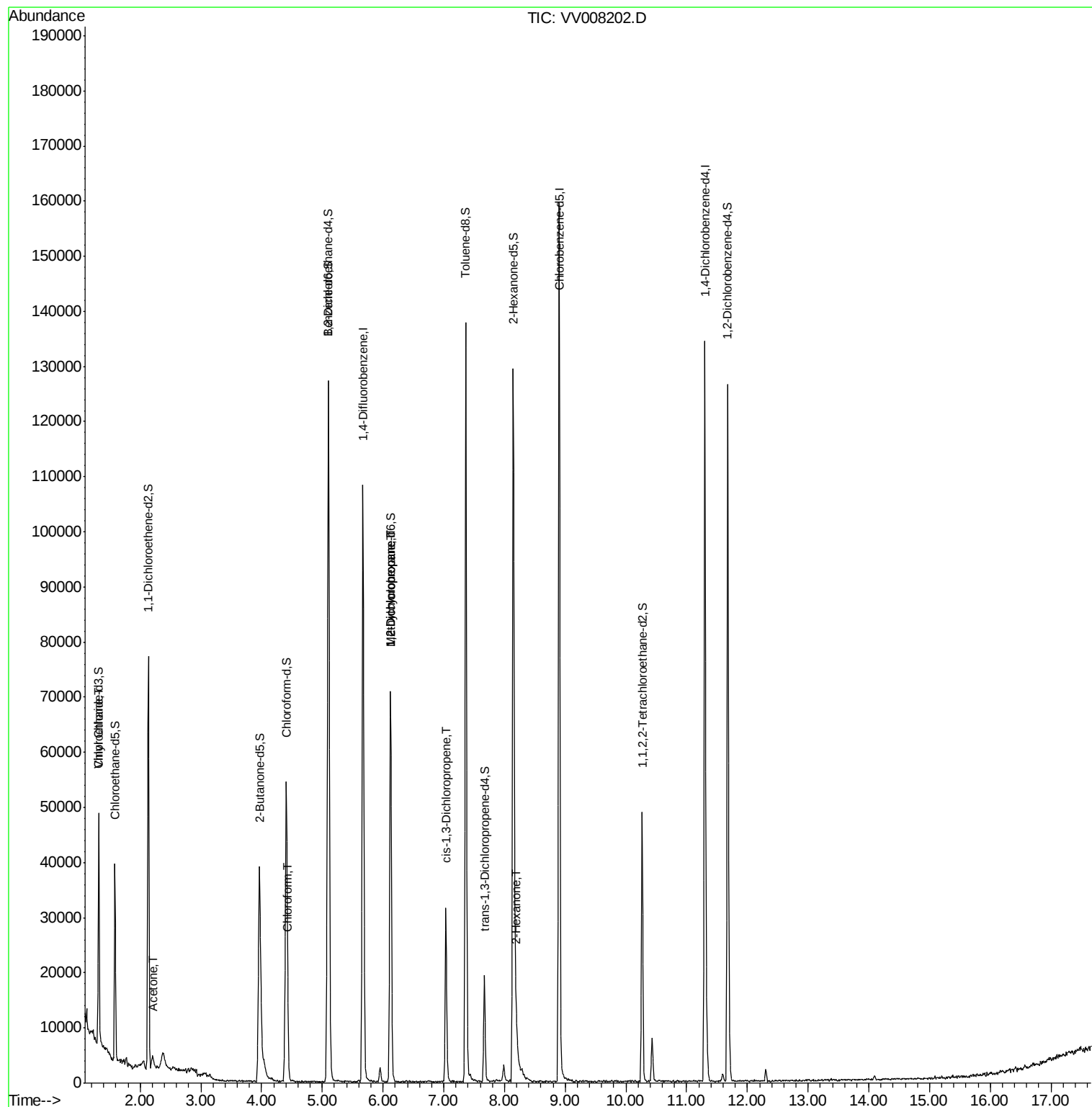
					Ovalue
8) Chloroethane	1.33	64	399	0.101 ug/L #	1
13) Acetone	2.21	43	2775	2.977 ug/L	93
25) Chloroform	4.44	83	1013	0.090 ug/L	96
35) Methylcyclohexane	6.12	83	8200	0.881 ug/L #	17
37) 1,2-Dichloropropane	6.13	63	3857	0.626 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	733	0.093 ug/L #	65
48) 2-Hexanone	8.20	43	4320	1.822 ug/L #	91

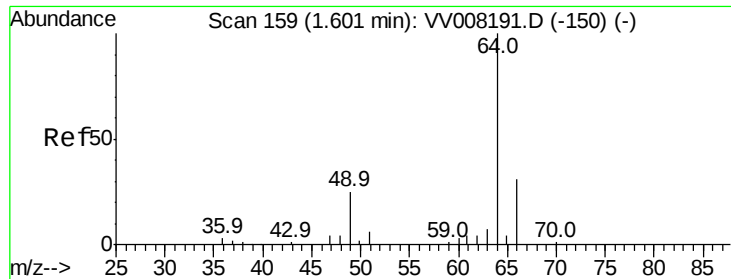
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 10 03:08:28 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.101 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.28 min

Lab File: VV008202.D

Acq: 09 Oct 2018 15:26

Instrument :

MSVOA_V

ClientSampleId :

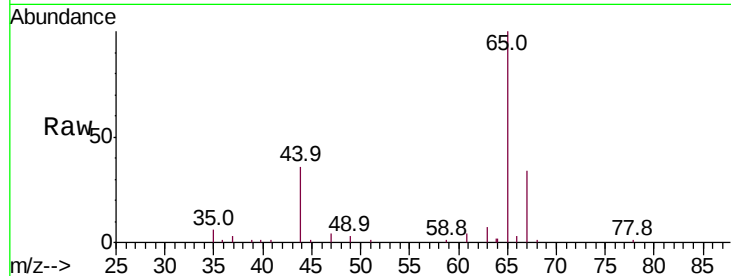
BEYM5

Tot Ion: 64 Resp: 399

Ion Ratio Lower Upper

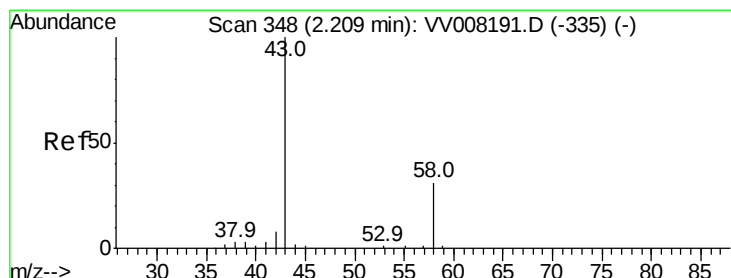
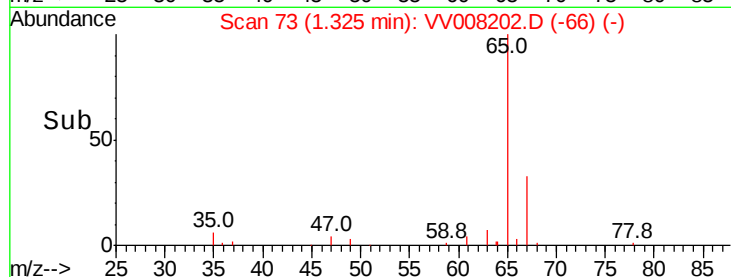
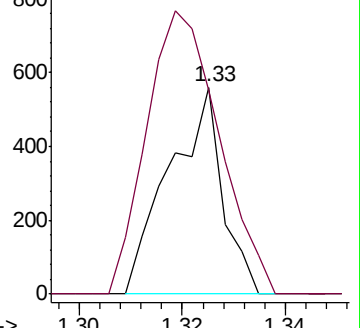
64 100

66 98.8 24.1 44.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 2.977 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV008202.D

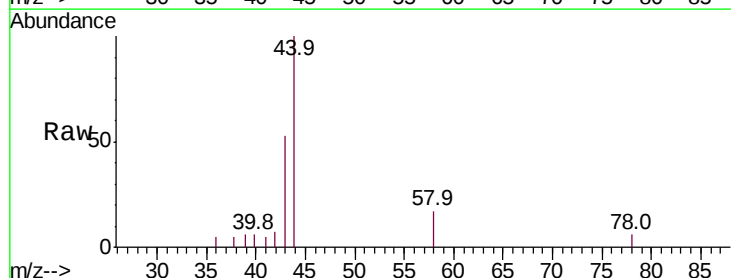
Acq: 09 Oct 2018 15:26

Tgt Ion: 43 Resp: 2775

Ion Ratio Lower Upper

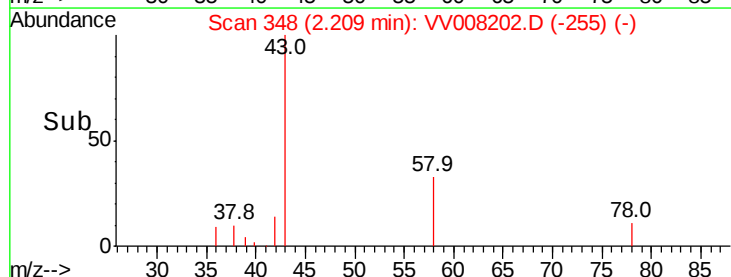
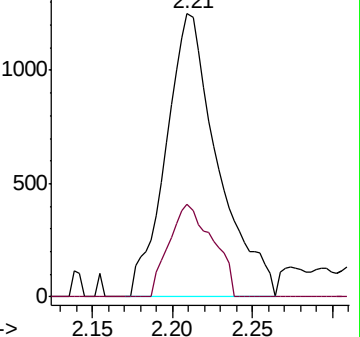
43 100

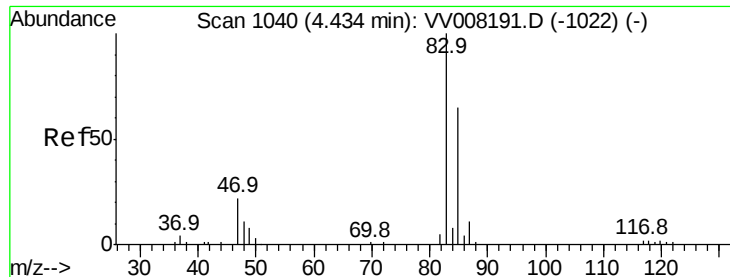
58 27.4 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

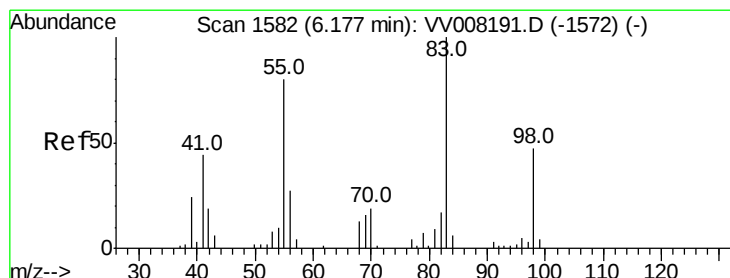
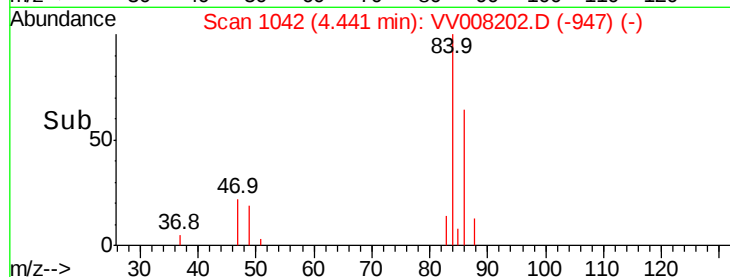
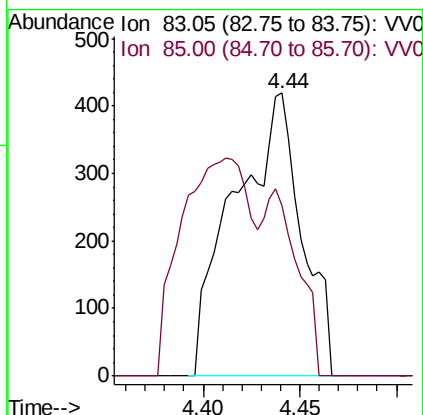
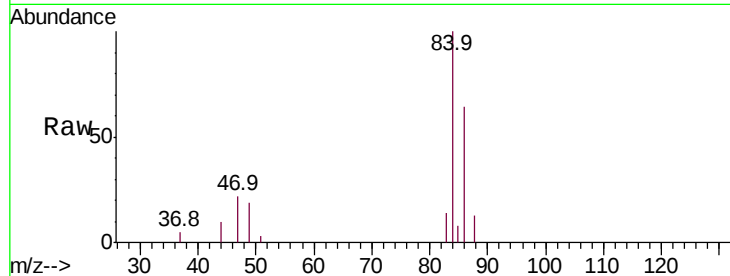




#25
Chloroform
Concen: 0.090 ug/L
RT: 4.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VV008202.D
Acq: 09 Oct 2018 15:26

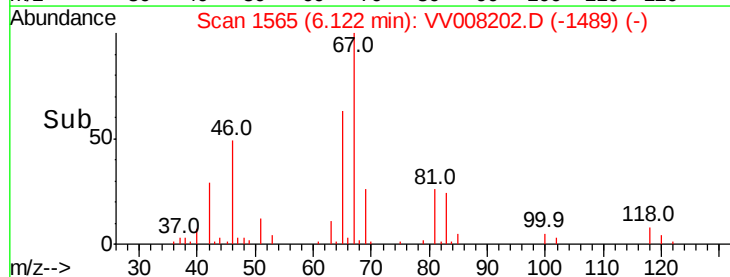
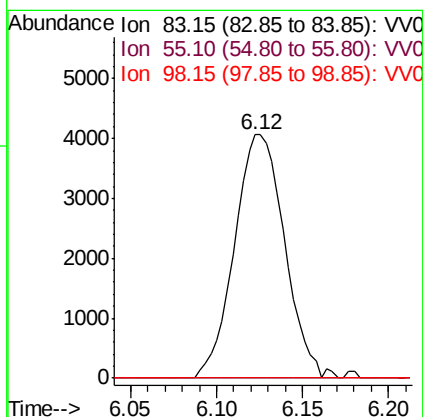
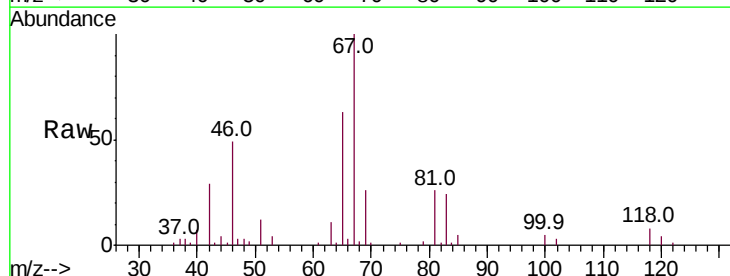
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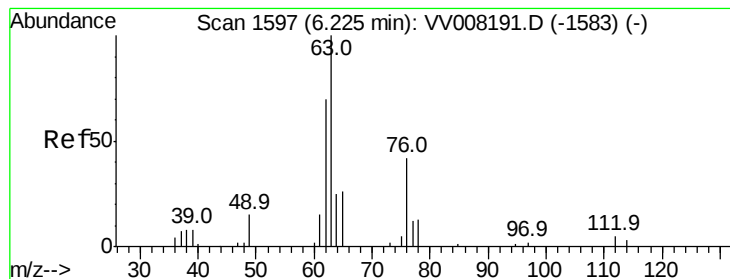
Tot Ion: 83 Resp: 1013
Ion Ratio Lower Upper
83 100
85 60.4 44.6 82.8



#35
Methylcyclohexane
Concen: 0.881 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008202.D
Acq: 09 Oct 2018 15:26

Tgt Ion: 83 Resp: 8200
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.7 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008202.D

Acq: 09 Oct 2018 15:26

Instrument :

MSVOA_V

ClientSampleId :

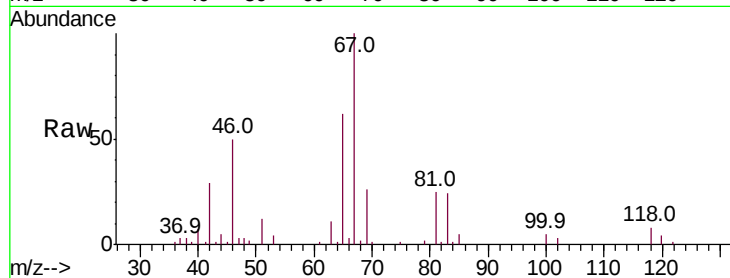
BEYM5

Tot Ion: 63 Resp: 3857

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008191.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008191.D (-1583) (-)

6.13

2000

1500

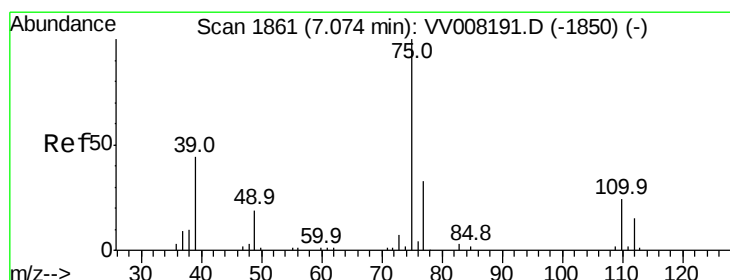
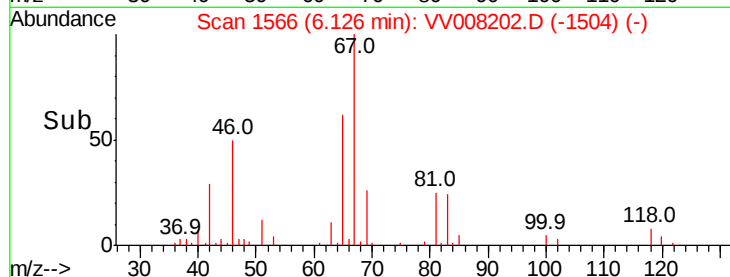
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008202.D

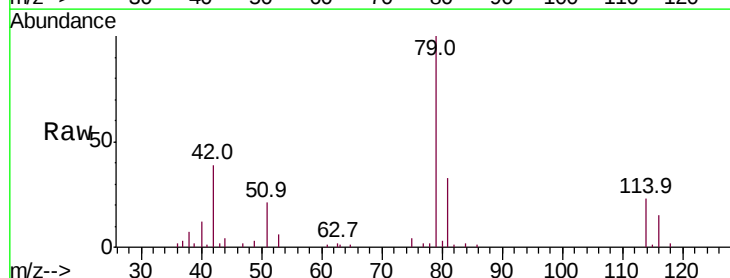
Acq: 09 Oct 2018 15:26

Tgt Ion: 75 Resp: 733

Ion Ratio Lower Upper

75 100

77 51.1 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008191.D (-1850) (-)

Ion 77.05 (76.75 to 77.75): VV008191.D (-1850) (-)

7.04

400

300

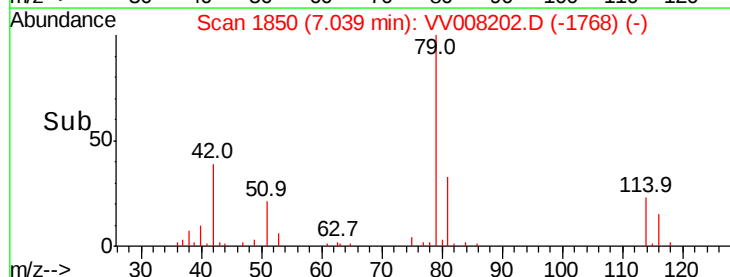
200

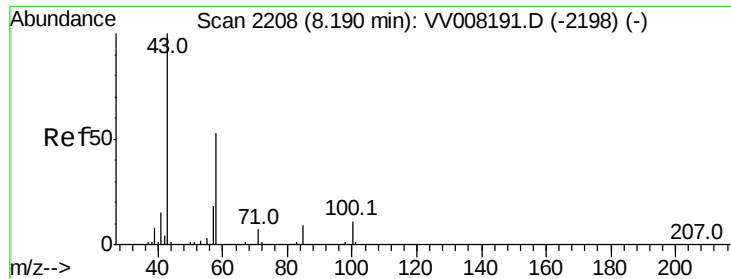
100

0

7.00 7.02 7.04 7.06 7.08

Time-->





#48

2-Hexanone

Concen: 1.822 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VV008202.D

Acq: 09 Oct 2018 15:26

Instrument :

MSVOA_V

ClientSampleId :

BEYM5

Tot Ion: 43 Resp: 4320

Ion Ratio Lower Upper

43 100

58 45.3 40.5 60.7

57 13.8 14.6 22.0#

100 5.6 9.3 13.9#

