

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008201.D
 Acq On : 09 Oct 2018 14:58
 Operator : SY/MD
 Sample : J5281-17
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYM4

Quant Time: Oct 10 03:13:21 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	89047	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25148	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.59	69	21242	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.14	63	36793	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.97	46	69920	53.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.34%
24) Chloroform-d	4.41	84	54525	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.09	65	27604	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	104847	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.13	67	33981	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	93838	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	10978	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	40927	42.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22679	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	37890	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

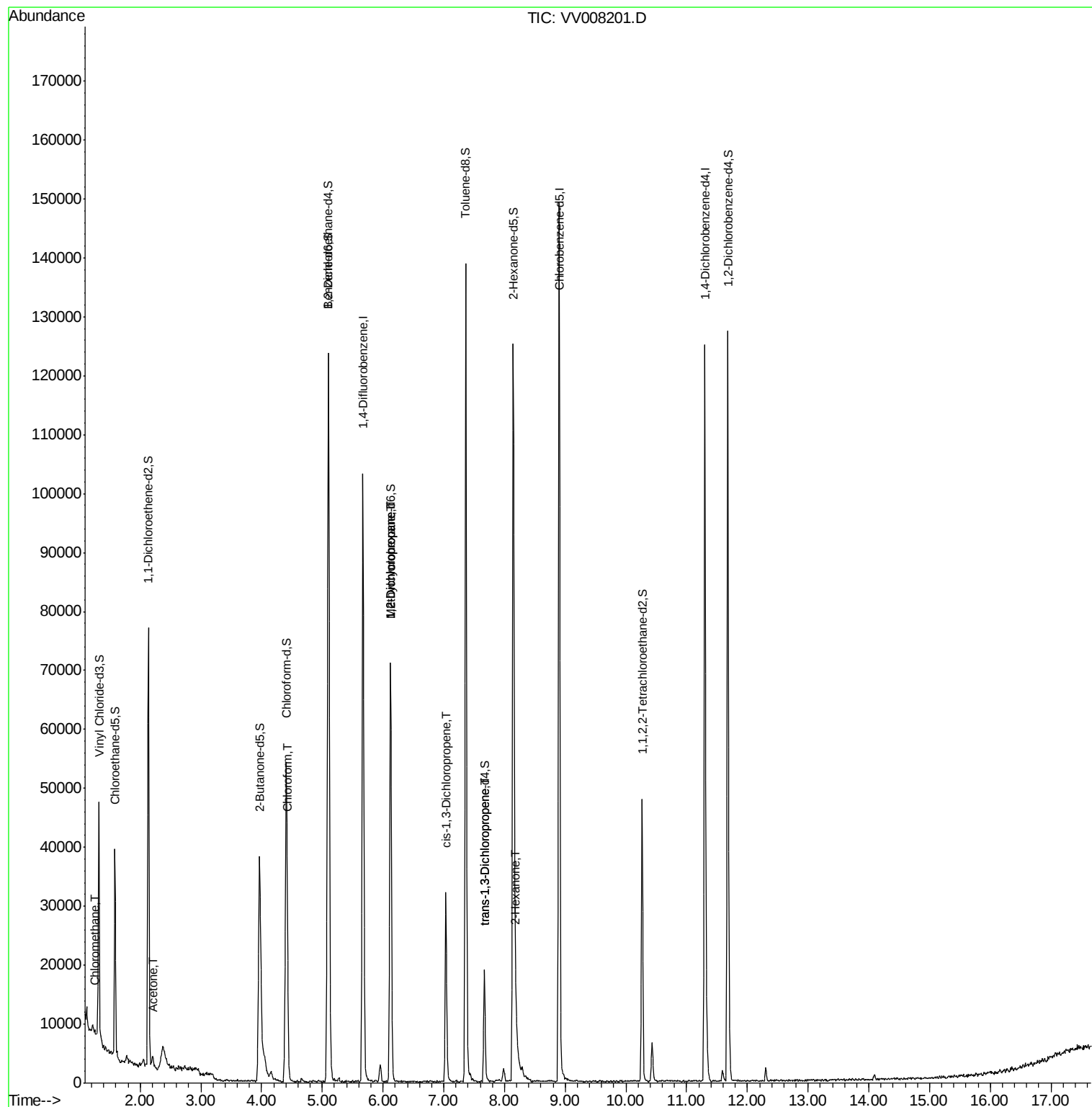
					Ovalue
3) Chloromethane	1.25	50	562	0.110 ug/L #	72
13) Acetone	2.22	43	2377	2.668 ug/L	70
25) Chloroform	4.43	83	1203	0.112 ug/L	93
35) Methylcyclohexane	6.13	83	8347	0.947 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	3684	0.632 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	796	0.106 ug/L #	71
44) trans-1,3-Dichloropropene	7.67	75	487	0.080 ug/L #	38
48) 2-Hexanone	8.19	43	4961	2.211 ug/L #	72

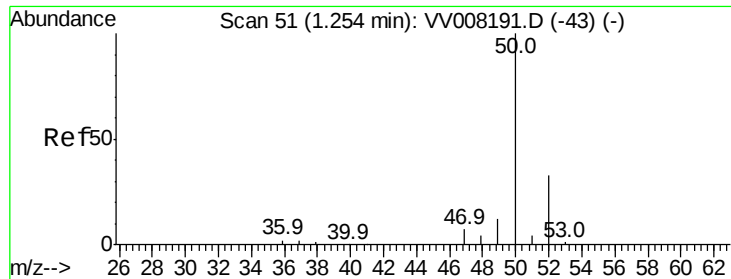
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.110 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008201.D

Acq: 09 Oct 2018 14:58

Instrument :

MSVOA_V

ClientSampled :

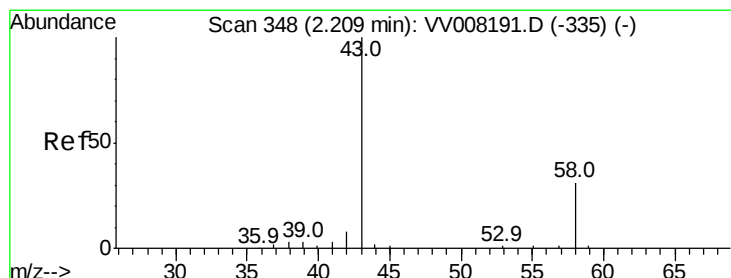
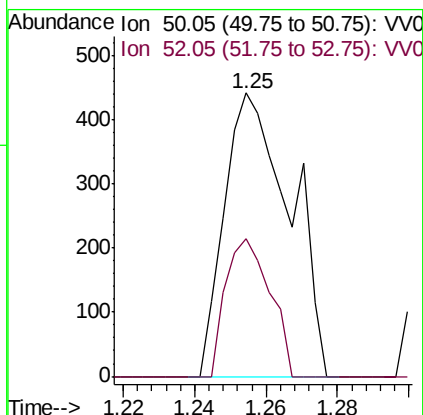
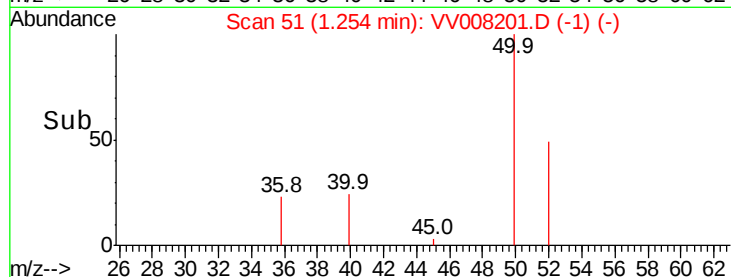
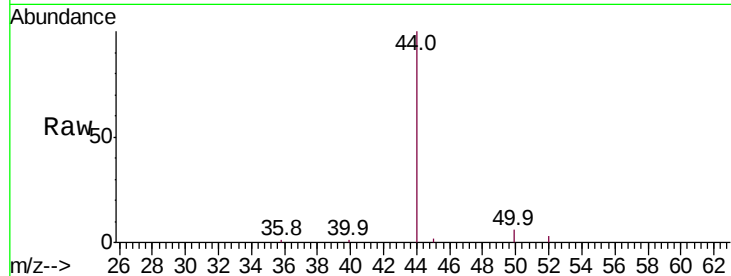
BEYM4

Tot Ion: 50 Resp: 562

Ion Ratio Lower Upper

50 100

52 48.6 22.9 42.5#



#13

Acetone

Concen: 2.668 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV008201.D

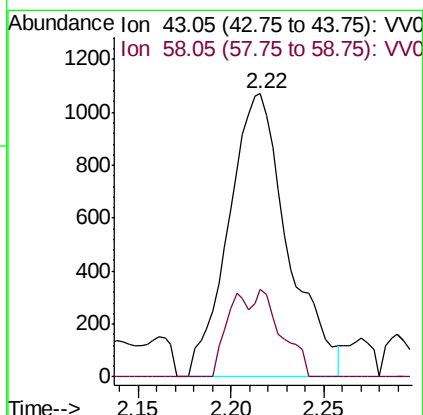
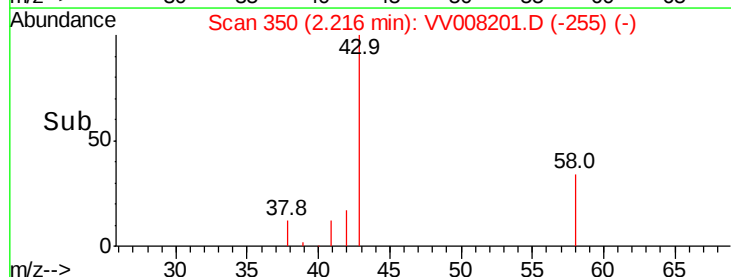
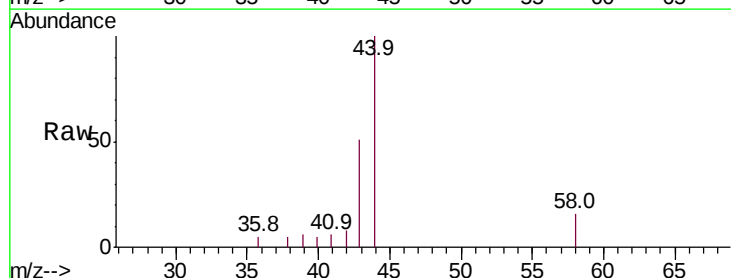
Acq: 09 Oct 2018 14:58

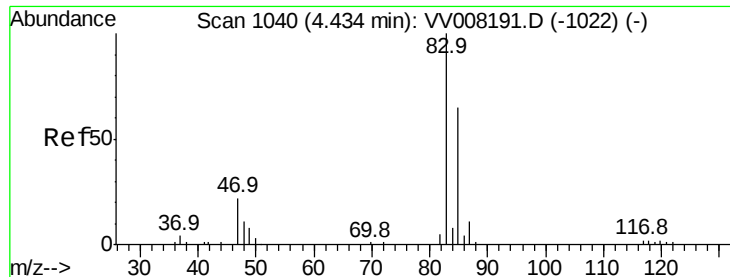
Tgt Ion: 43 Resp: 2377

Ion Ratio Lower Upper

43 100

58 14.6 0.0 62.2

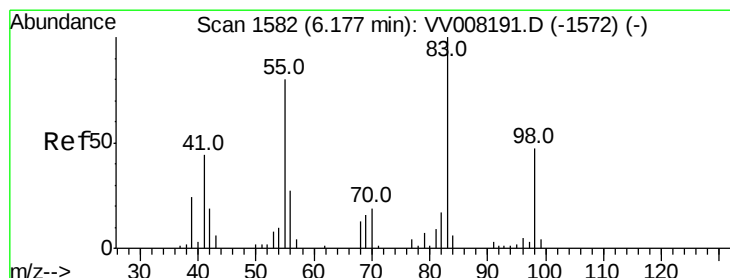
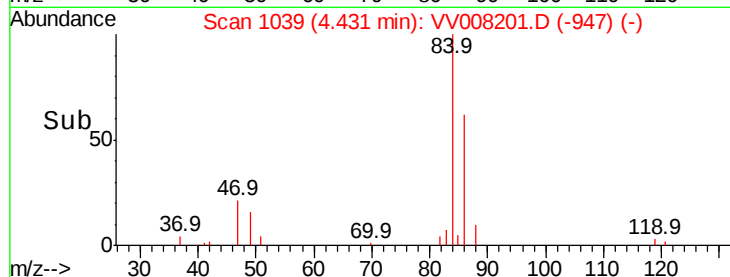
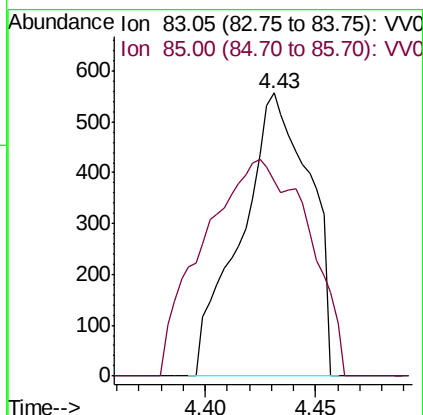
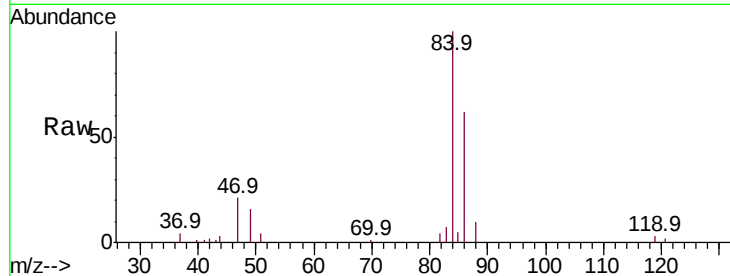




#25
Chloroform
Concen: 0.112 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008201.D
Acq: 09 Oct 2018 14:58

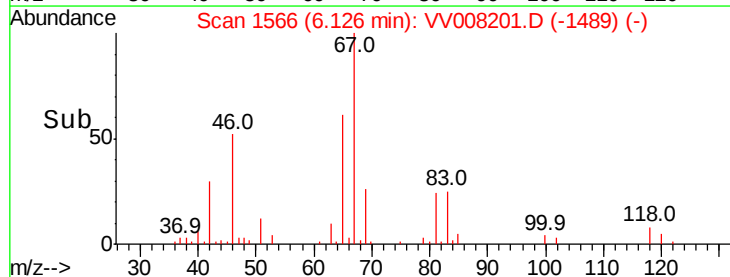
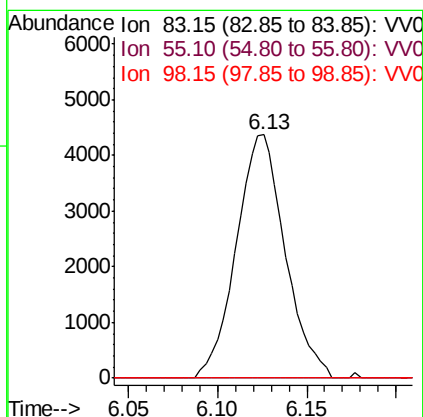
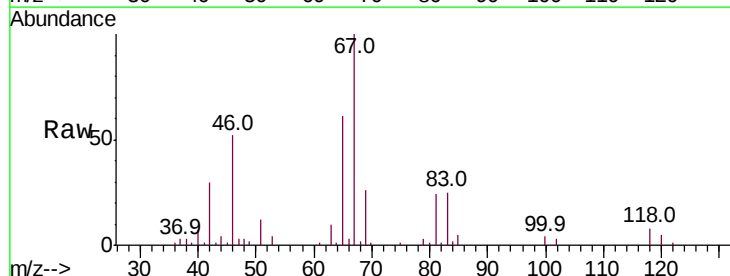
Instrument :
MSVOA_V
ClientSampleId :
BEYM4

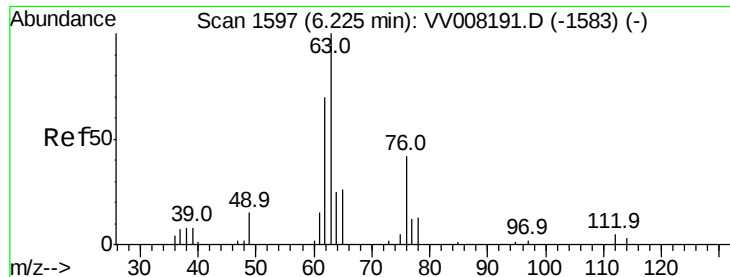
Tot Ion: 83 Resp: 1203
Ion Ratio Lower Upper
83 100
85 68.9 44.6 82.8



#35
Methylcyclohexane
Concen: 0.947 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008201.D
Acq: 09 Oct 2018 14:58

Tgt Ion: 83 Resp: 8347
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.5 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008201.D

Acq: 09 Oct 2018 14:58

Instrument :

MSVOA_V

ClientSampleId :

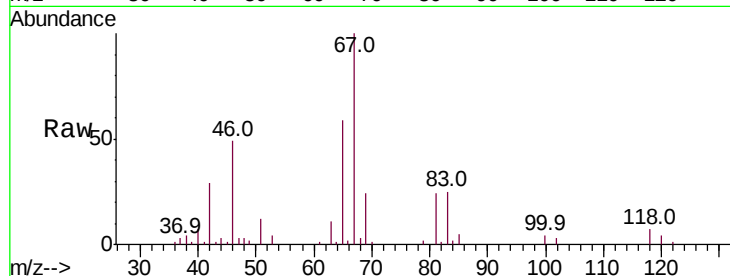
BEYM4

Tot Ion: 63 Resp: 3684

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) (-)

2000

1500

1000

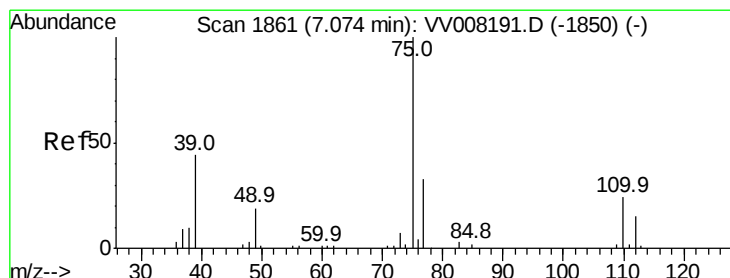
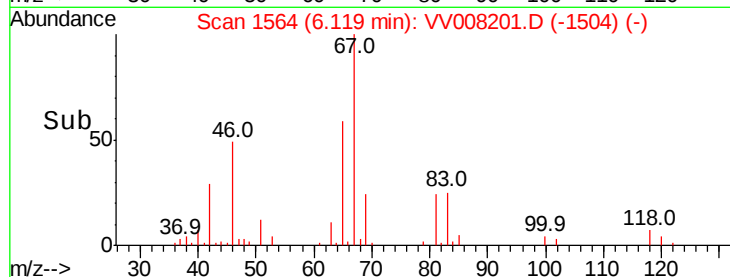
500

0

6.05 6.10 6.15 6.20

6.12

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008201.D

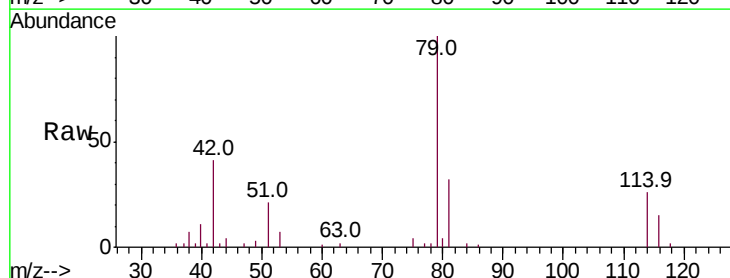
Acq: 09 Oct 2018 14:58

Tgt Ion: 75 Resp: 796

Ion Ratio Lower Upper

75 100

77 47.4 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) (-)

500

400

300

200

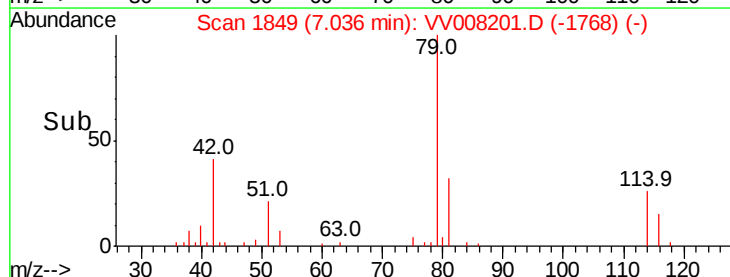
100

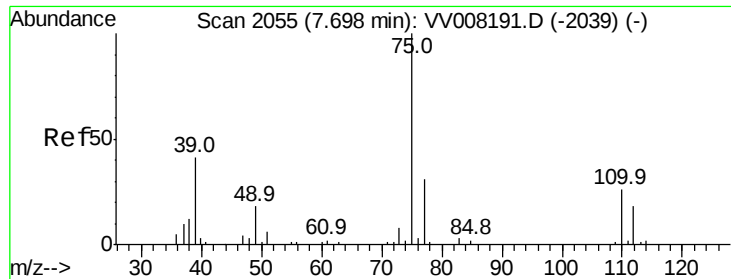
0

7.00 7.05

7.04

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008201.D

Acq: 09 Oct 2018 14:58

Instrument :

MSVOA_V

ClientSampleId :

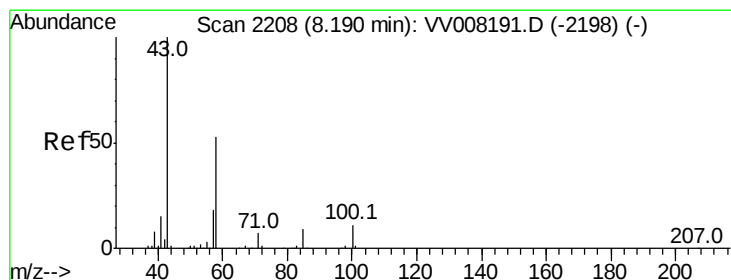
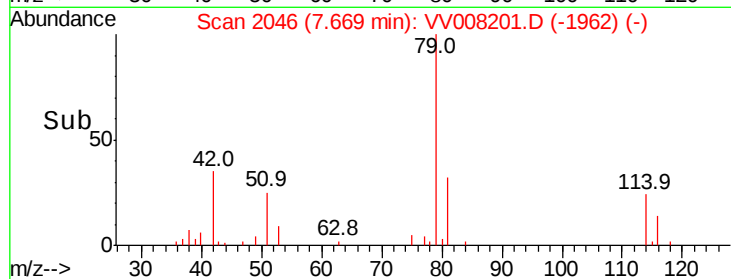
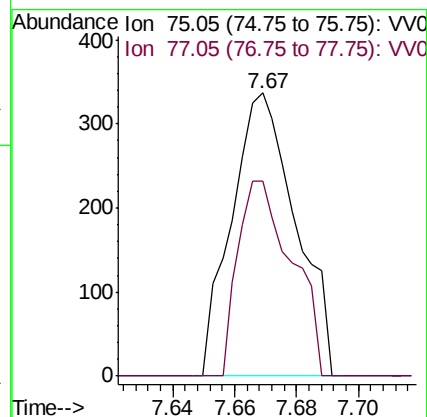
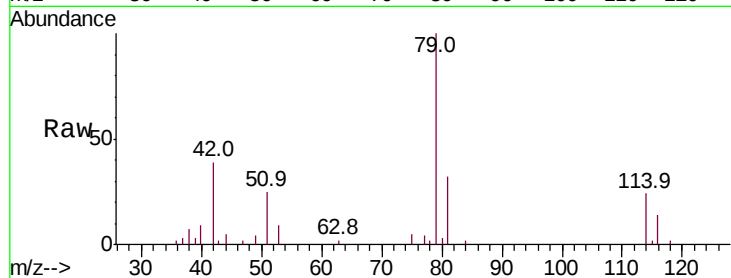
BEYM4

Tot Ion: 75 Resp: 487

Ion Ratio Lower Upper

75 100

77 68.8 23.4 43.6#



#48

2-Hexanone

Concen: 2.211 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008201.D

Acq: 09 Oct 2018 14:58

Tgt Ion: 43 Resp: 4961

Ion Ratio Lower Upper

43 100

58 27.9 40.5 60.7#

57 11.3 14.6 22.0#

100 1.3 9.3 13.9#

