

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008210.D
 Acq On : 09 Oct 2018 20:04
 Operator : SY/MD
 Sample : J5282-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYM9

Quant Time: Oct 10 03:14:23 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	89964	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	88062	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24418	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.59	69	21270	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	35400	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.97	46	79943	60.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.34%
24) Chloroform-d	4.41	84	55046	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.09	65	28613	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	105205	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.13	67	34388	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	90259	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.67	79	11426	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.14	63	50077	50.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24736	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	39421	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

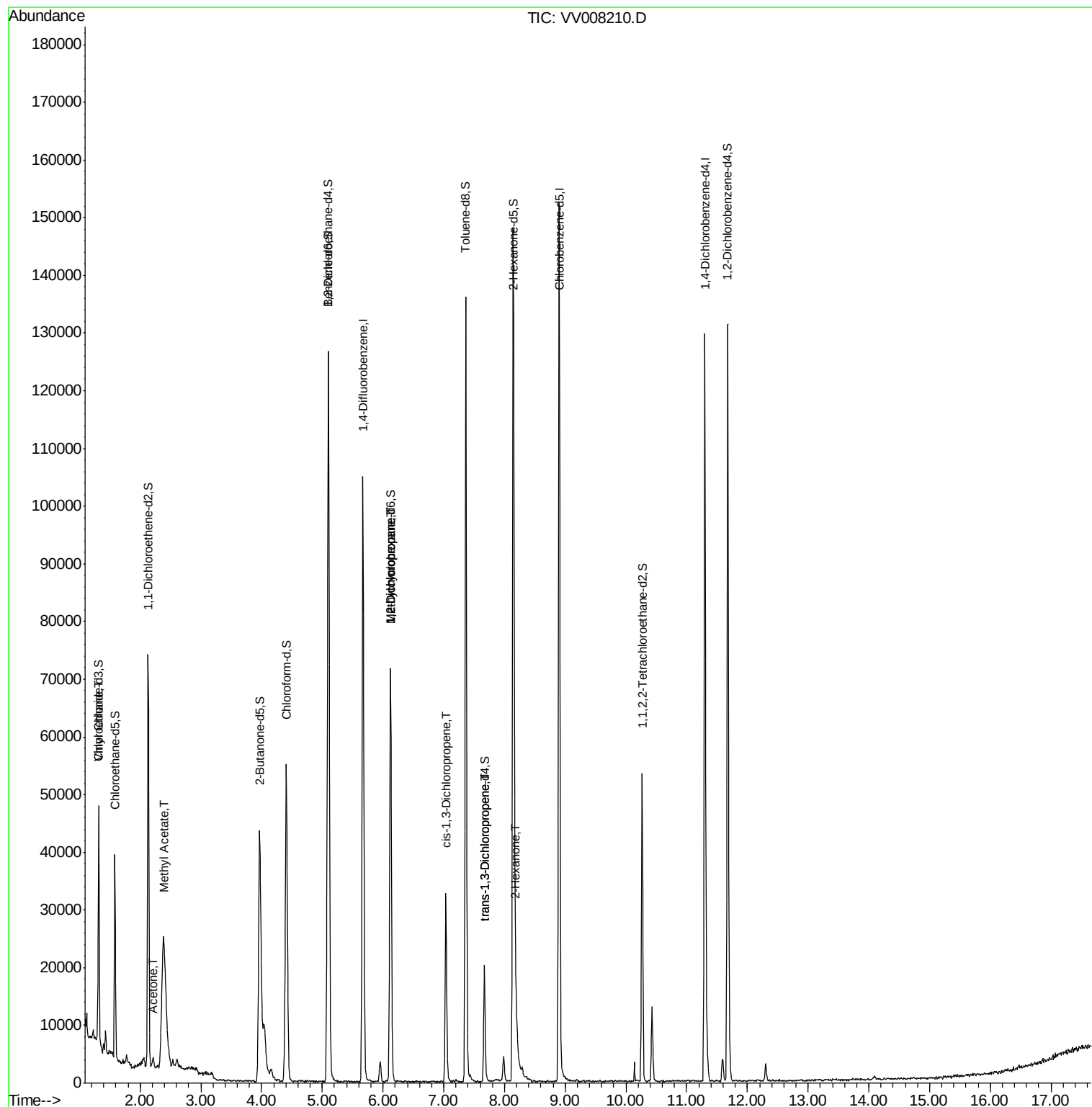
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	343	0.090	ug/L #	1
13) Acetone	2.21	43	2018	2.242	ug/L	95
15) Methyl Acetate	2.39	43	17524	8.200	ug/L #	53
35) Methylcyclohexane	6.12	83	8129	0.897	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3742	0.624	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	801	0.104	ug/L #	60
44) trans-1,3-Dichloropropene	7.67	75	566	0.091	ug/L #	51
48) 2-Hexanone	8.19	43	5450	2.363	ug/L #	83

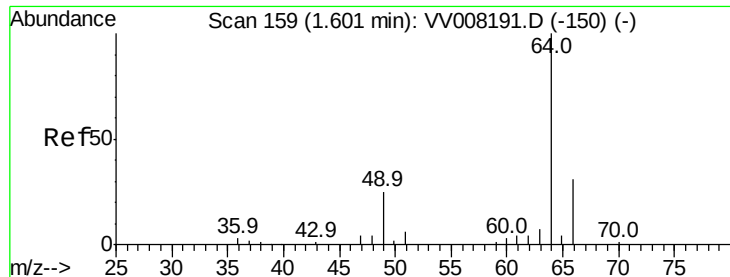
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 03:08:28 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.090 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV008210.D

Acq: 09 Oct 2018 20:04

Instrument :

MSVOA_V

ClientSampleId :

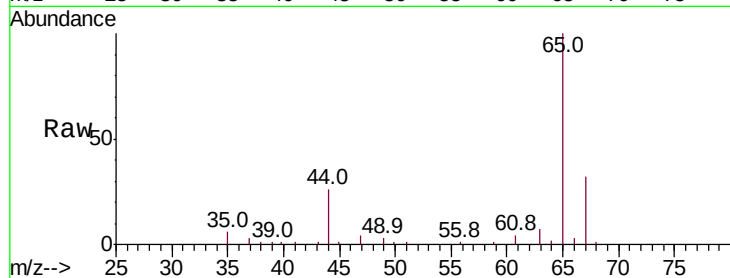
BEYM9

Tot Ion: 64 Resp: 343

Ion Ratio Lower Upper

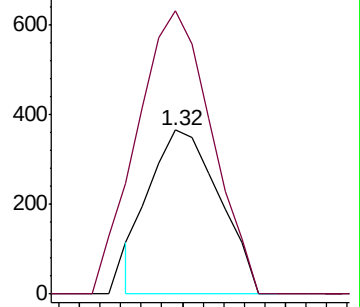
64 100

66 172.4 24.1 44.8#

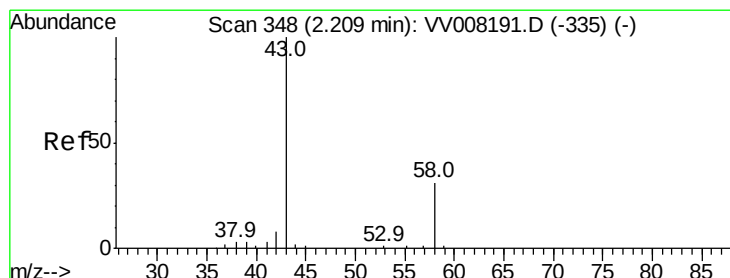
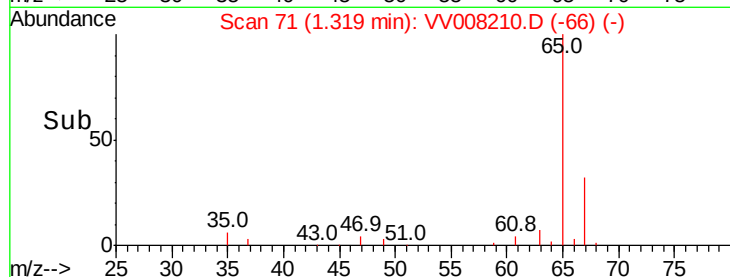


Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



Time--> 1.30 1.32 1.34



#13

Acetone

Concen: 2.242 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV008210.D

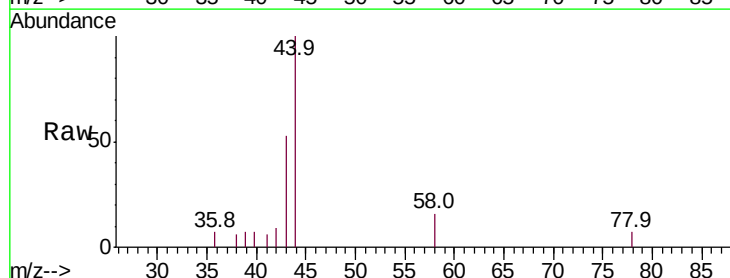
Acq: 09 Oct 2018 20:04

Tgt Ion: 43 Resp: 2018

Ion Ratio Lower Upper

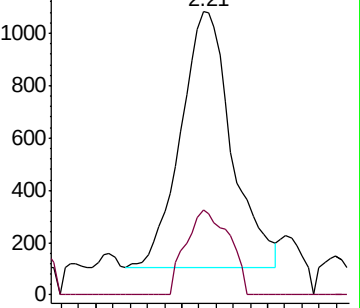
43 100

58 28.1 0.0 62.2

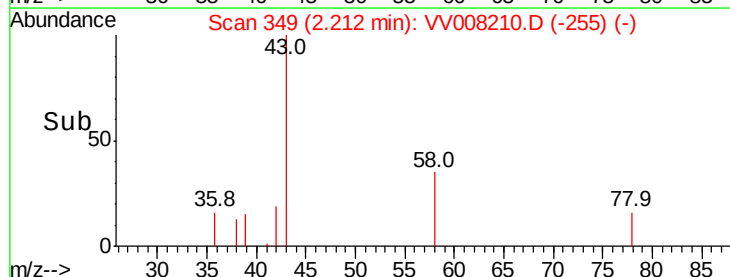


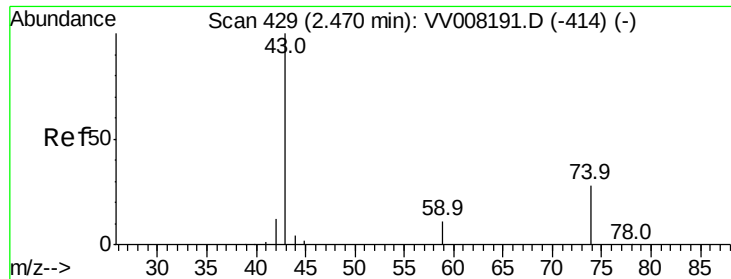
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



Time--> 2.15 2.20 2.25

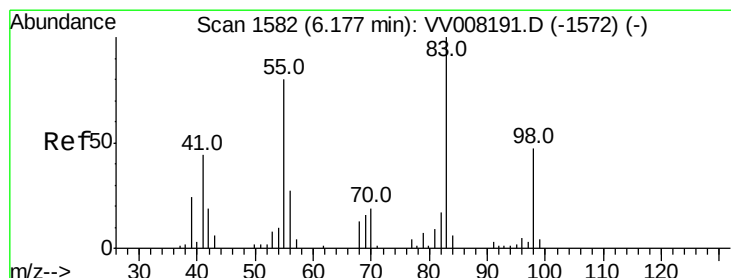
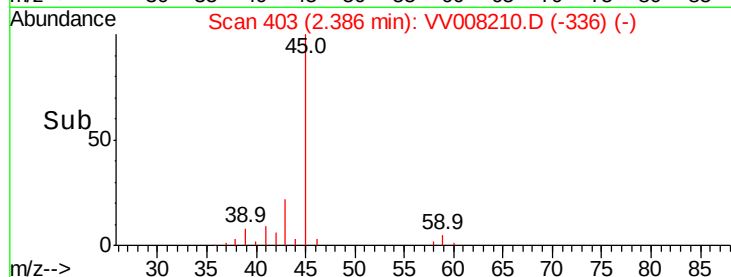
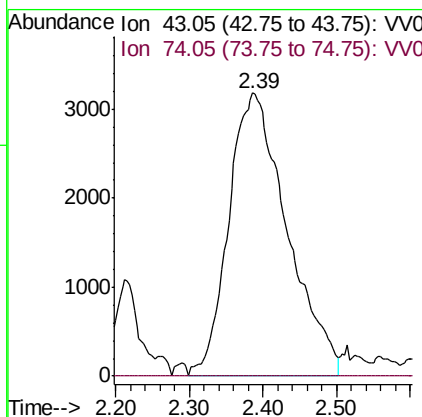
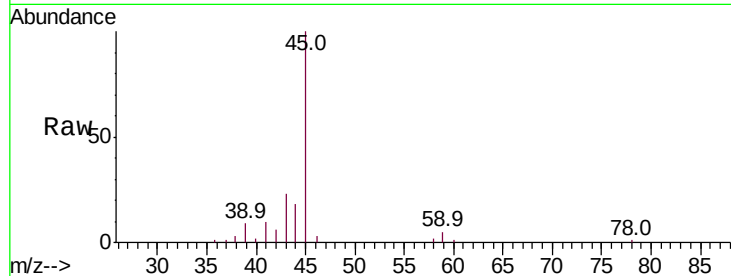




#15
Methvl Acetate
Concen: 8.200 ug/L
RT: 2.39 min Scan# 403
Delta R.T. -0.08 min
Lab File: VV008210.D
Acq: 09 Oct 2018 20:04

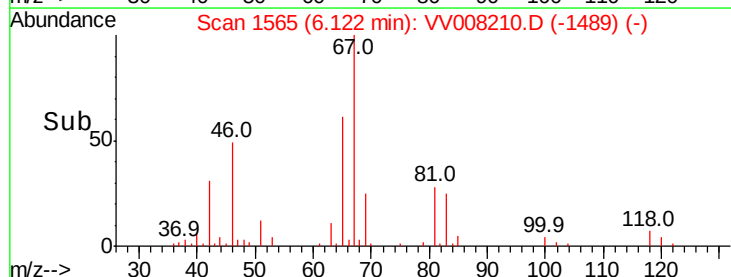
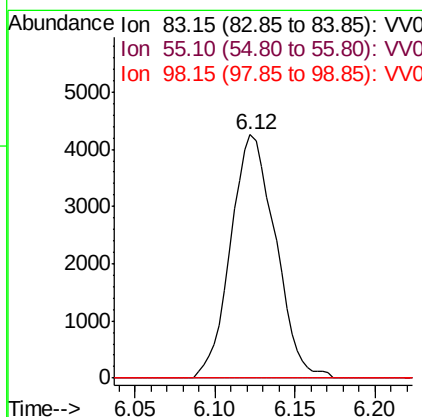
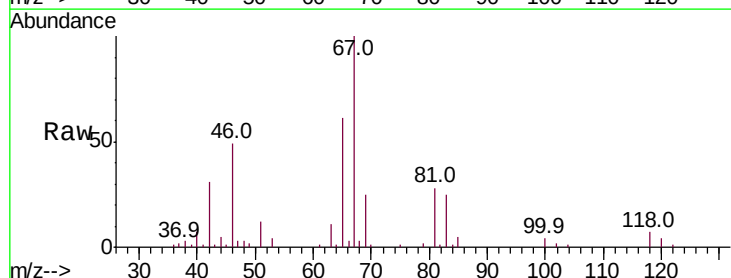
Instrument :
MSVOA_V
ClientSampled :
BEYM9

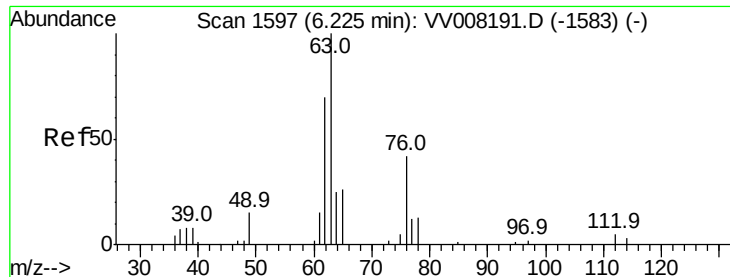
Tot Ion: 43 Resp: 17524
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#35
Methylcyclohexane
Concen: 0.897 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008210.D
Acq: 09 Oct 2018 20:04

Tgt Ion: 83 Resp: 8129
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 2.2 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008210.D

Acq: 09 Oct 2018 20:04

Instrument :

MSVOA_V

ClientSampled :

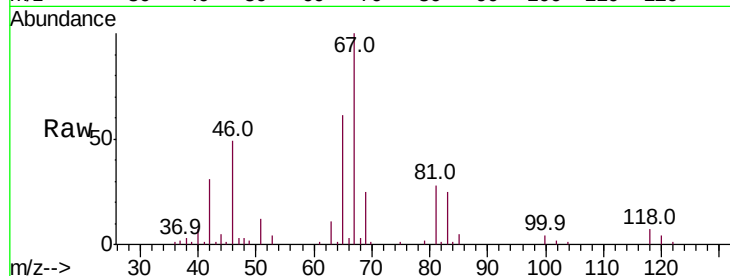
BEYM9

Tot Ion: 63 Resp: 3742

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

6.12

2000

1500

1000

500

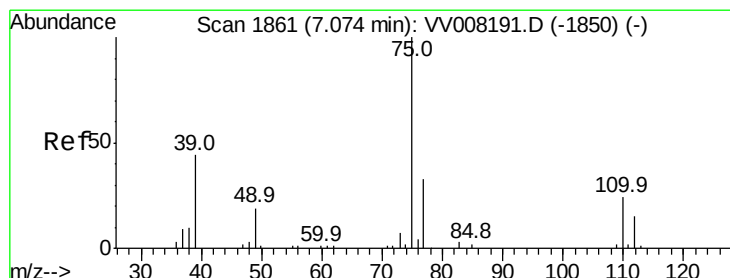
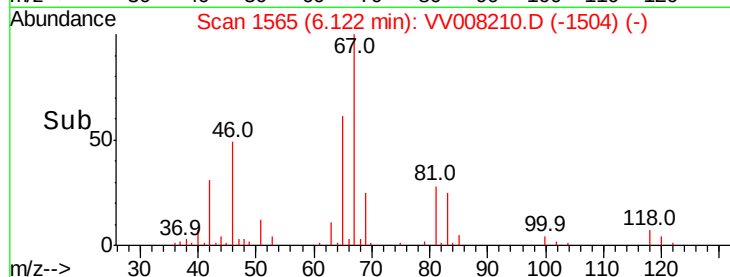
0

6.05

6.10

6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008210.D

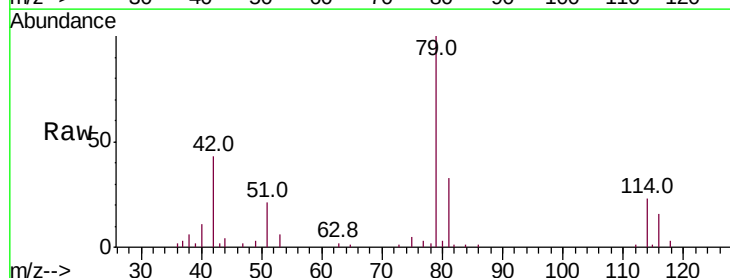
Acq: 09 Oct 2018 20:04

Tgt Ion: 75 Resp: 801

Ion Ratio Lower Upper

75 100

77 53.6 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.03

600

500

400

300

200

100

0

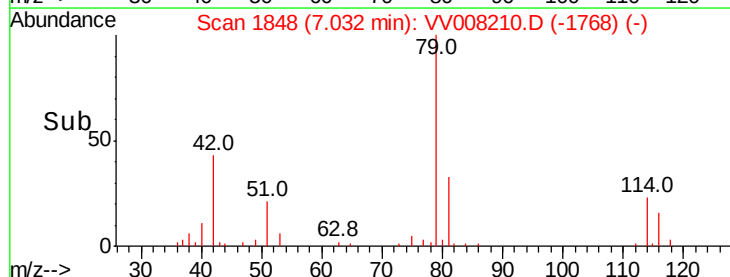
7.00

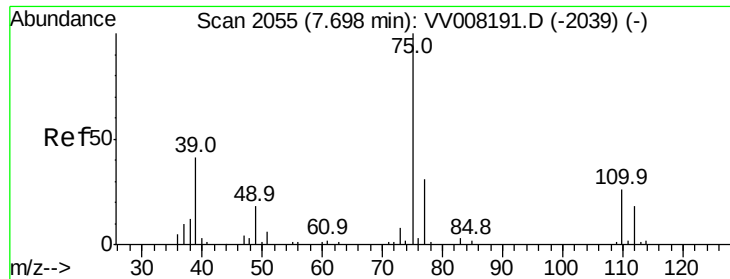
7.02

7.04

7.06

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008210.D

Acq: 09 Oct 2018 20:04

Instrument :

MSVOA_V

ClientSampleId :

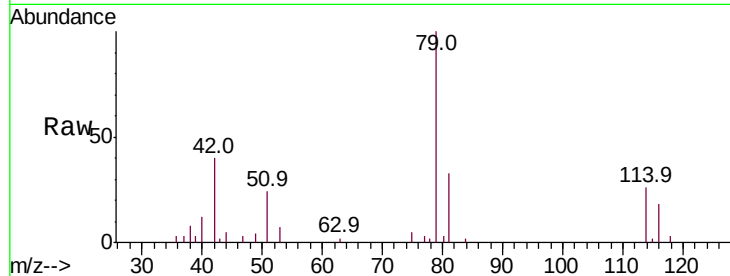
BEYM9

Tot Ion: 75 Resp: 566

Ion Ratio Lower Upper

75 100

77 61.4 23.4 43.6#



Abundance Ion 75.05 (74.75 to 75.75): VV008210.D (-2039) (-)

Ion 77.05 (76.75 to 77.75): VV008210.D (-2039) (-)

7.67

300

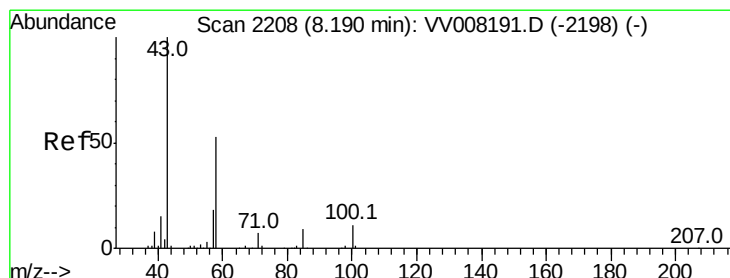
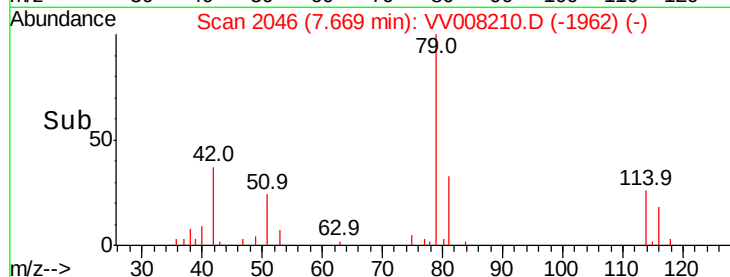
200

100

0

7.64 7.66 7.68 7.70

Time-->



#48

2-Hexanone

Concen: 2.363 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV008210.D

Acq: 09 Oct 2018 20:04

Tgt Ion: 43 Resp: 5450

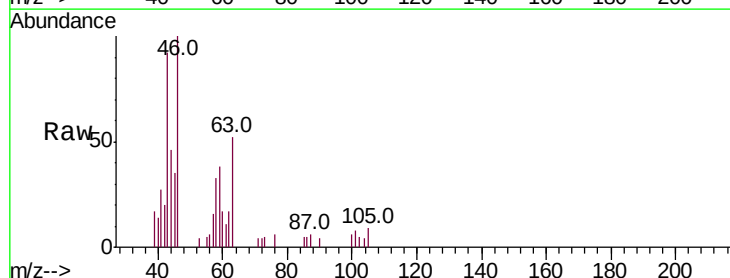
Ion Ratio Lower Upper

43 100

58 34.4 40.5 60.7#

57 17.4 14.6 22.0

100 7.7 9.3 13.9#



Abundance Ion 43.05 (42.75 to 43.75): VV008210.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008210.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV008210.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV008210.D (-2198) (-)

5000

4000

3000

2000

1000

0

8.15 8.20 8.25

Time-->

