

Data File : VV008829.D
Acq On : 03 Dec 2018 13:58
Operator : SY/MD
Sample : J6096-25
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4142

Quant Time: Dec 04 08:02:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 04 07:59:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	142179	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59502	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40549	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.59	69	31306	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.14	63	59321	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.96	46	115756	52.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.08%
24) Chloroform-d	4.41	84	93731	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.09	65	47965	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	192102	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	57695	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	165221	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	19924	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.14	63	85787	49.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37225	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	61890	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

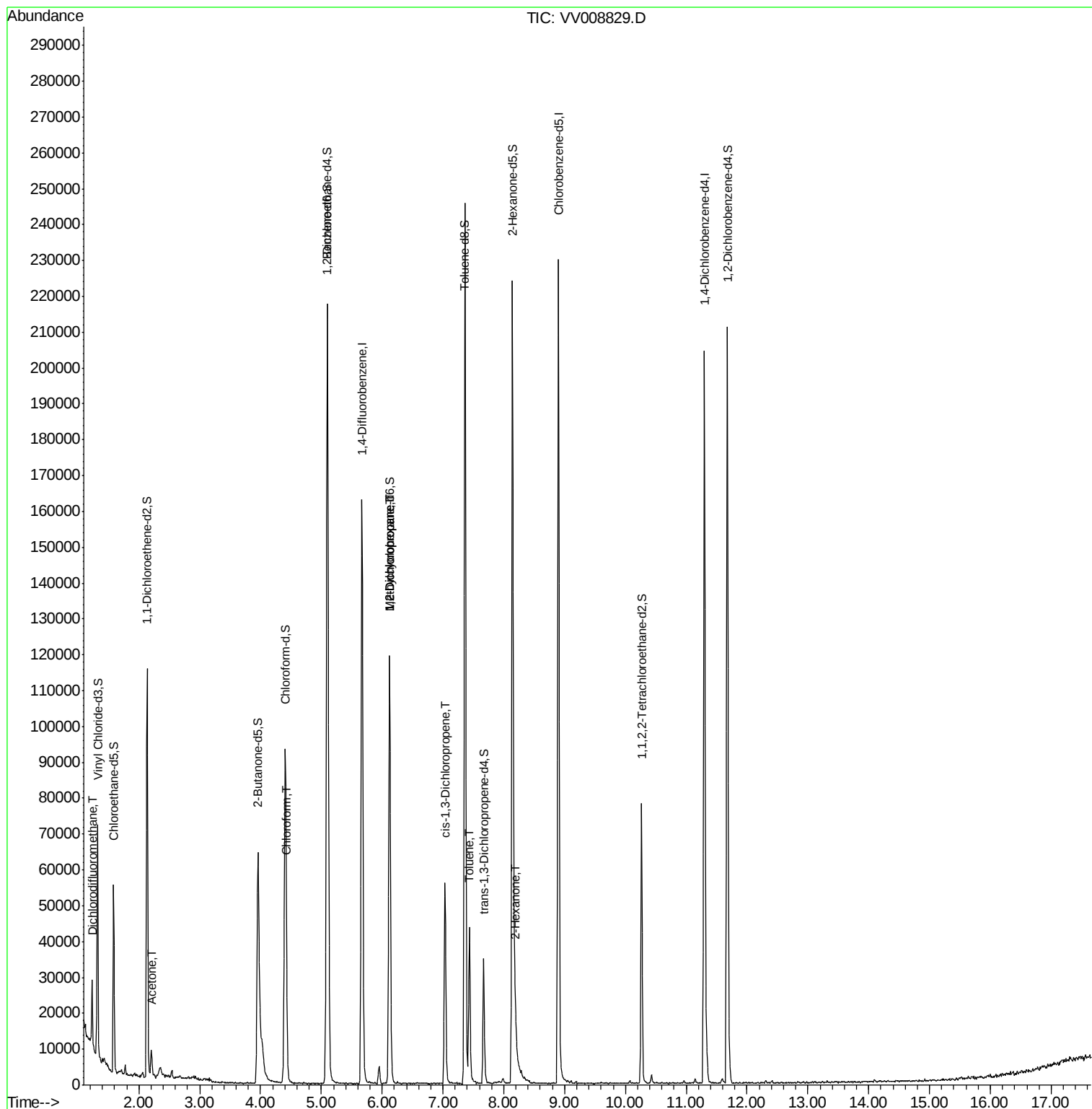
						Qvalue
2) Dichlorodifluoromethane	1.23	85	1144	0.091	ug/L	92
13) Acetone	2.20	43	7864	7.162	ug/L	94
25) Chloroform	4.43	83	3014	0.162	ug/L	94
35) Methylcyclohexane	6.12	83	13748	0.766	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6285	0.621	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1304	0.098	ug/L #	63
42) Toluene	7.43	91	32112	0.754	ug/L	93
48) 2-Hexanone	8.19	43	5263	1.431	ug/L #	73

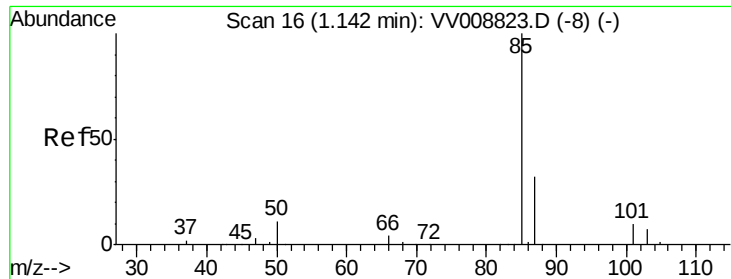
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.091 ug/L

RT: 1.23 min Scan# 44

Delta R.T. 0.09 min

Lab File: VV008829.D

Acq: 03 Dec 2018 13:58

Instrument :

MSVOA_V

ClientSampleId :

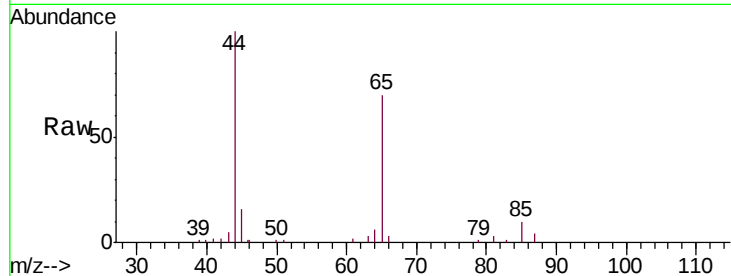
A4142

Tgt Ion: 85 Resp: 1144

Ion Ratio Lower Upper

85 100

87 36.3 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV008829.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008829.D (-8) (-)

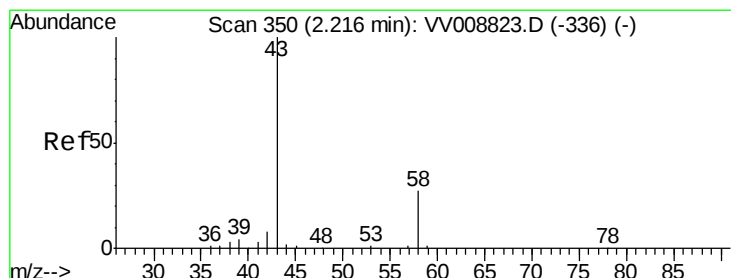
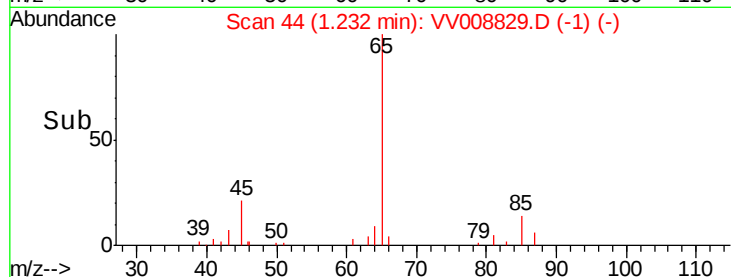
1.23

1000

500

0

Time-->



#13

Acetone

Concen: 7.162 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV008829.D

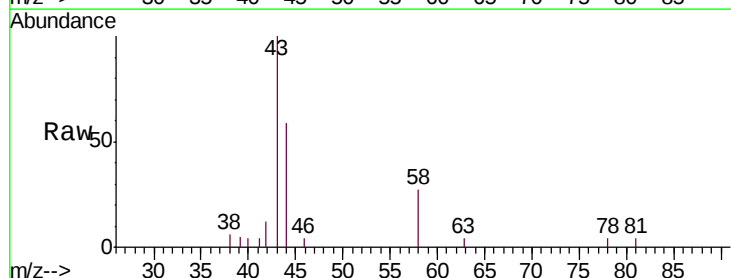
Acq: 03 Dec 2018 13:58

Tgt Ion: 43 Resp: 7864

Ion Ratio Lower Upper

43 100

58 26.8 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008829.D (-1) (-)

Ion 58.05 (57.75 to 58.75): VV008829.D (-1) (-)

2.20

5000

4000

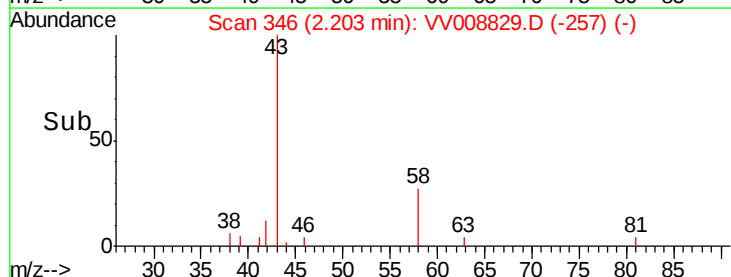
3000

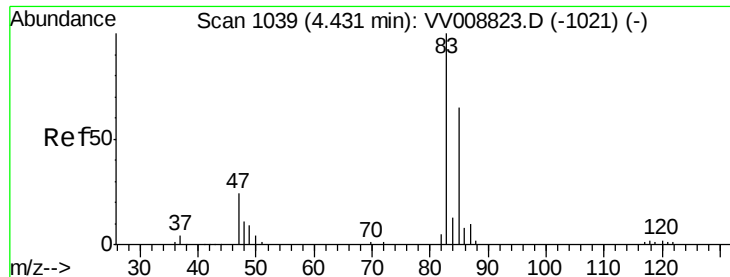
2000

1000

0

Time-->

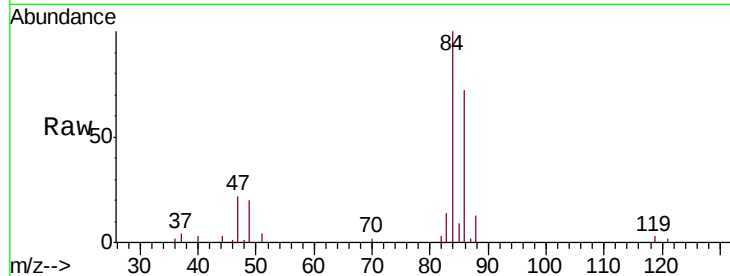




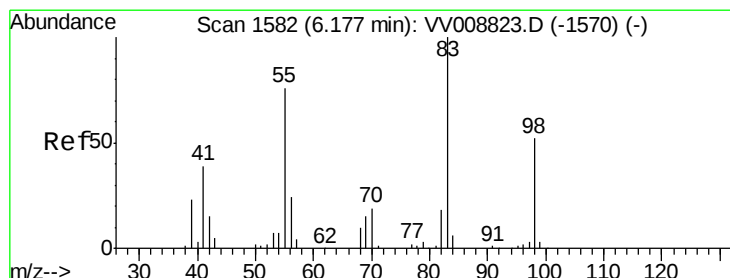
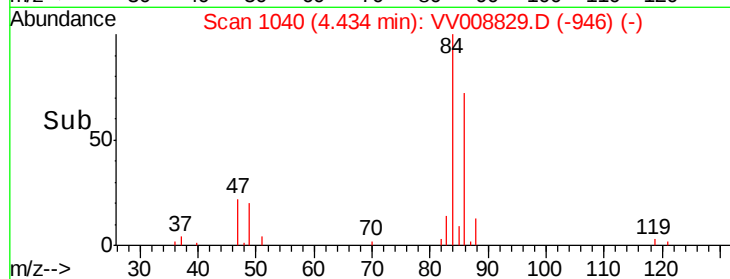
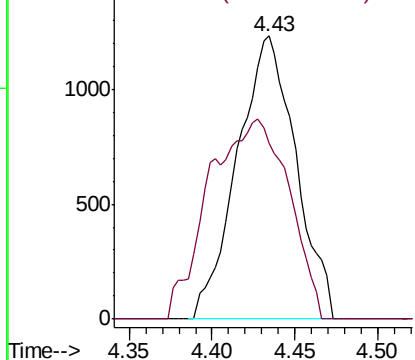
#25
Chloroform
Concen: 0.162 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008829.D
Acq: 03 Dec 2018 13:58

Instrument :
MSVOA_V
ClientSampled :
A4142

Tgt Ion: 83 Resp: 3014
Ion Ratio Lower Upper
83 100
85 62.3 47.0 87.4

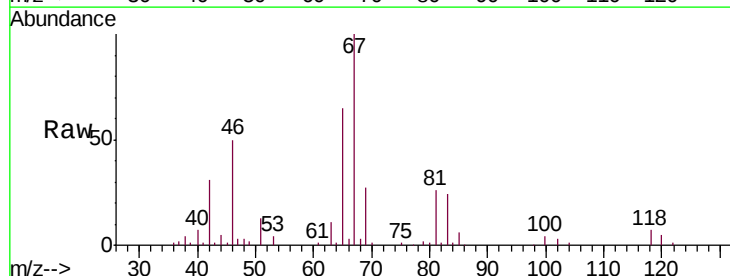


Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

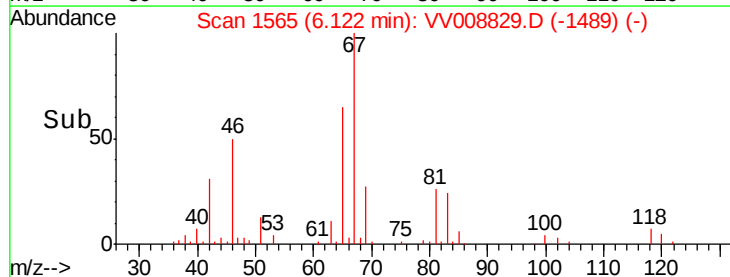
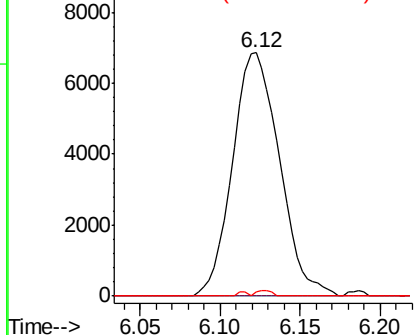


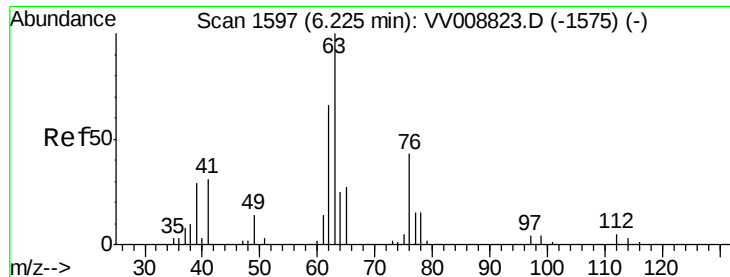
#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008829.D
Acq: 03 Dec 2018 13:58

Tgt Ion: 83 Resp: 13748
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.8 37.4 56.2#



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: 0.621 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008829.D

Acq: 03 Dec 2018 13:58

Instrument :

MSVOA_V

ClientSampleId :

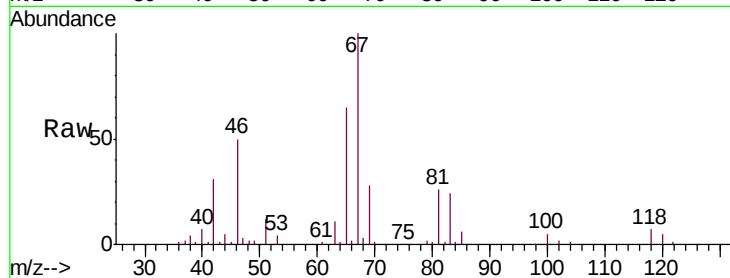
A4142

Tgt Ion: 63 Resp: 6285

Ion Ratio Lower Upper

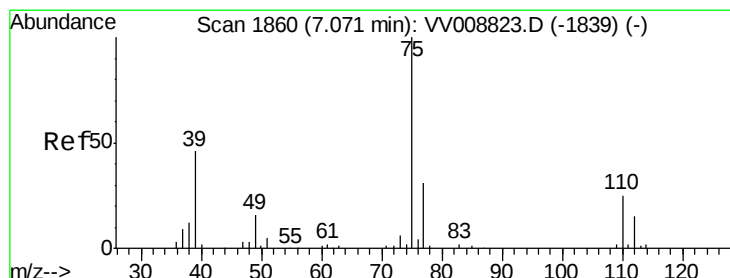
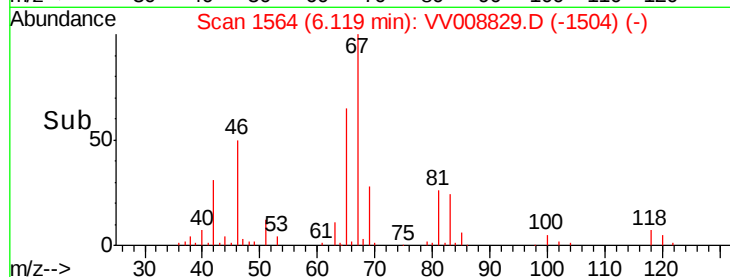
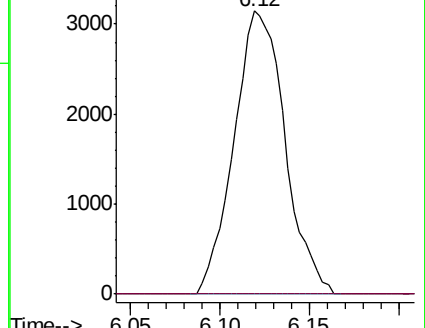
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV008829.D (-1564) (-)

Ion 112.10 (111.80 to 112.80): VV008829.D (-1564) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008829.D

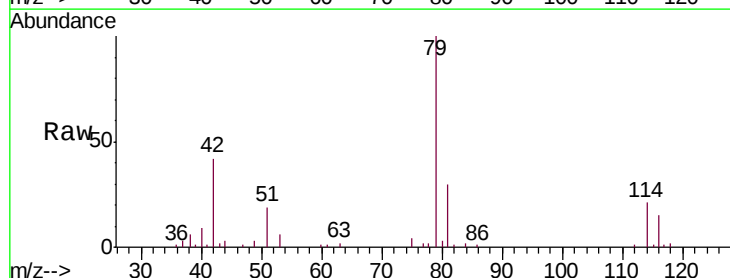
Acq: 03 Dec 2018 13:58

Tgt Ion: 75 Resp: 1304

Ion Ratio Lower Upper

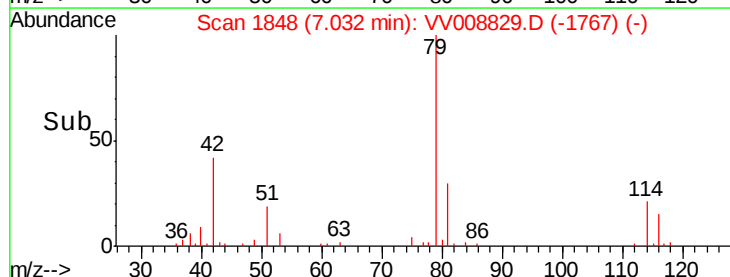
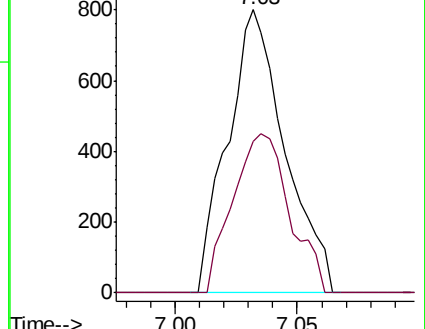
75 100

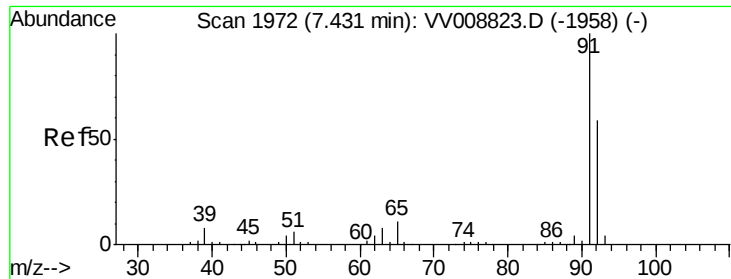
77 53.4 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV008829.D (-1848) (-)

Ion 77.05 (76.75 to 77.75): VV008829.D (-1848) (-)





#42

Toluene

Concen: 0.754 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008829.D

Acq: 03 Dec 2018 13:58

Instrument :

MSVOA_V

ClientSampleId :

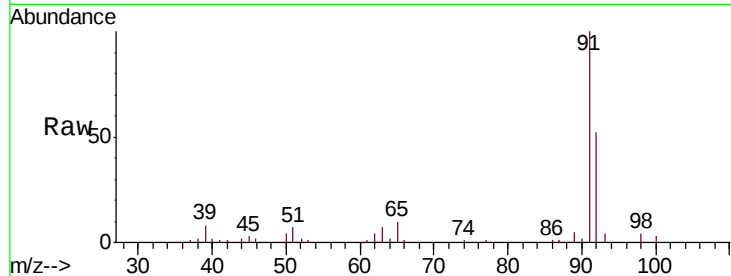
A4142

Tgt Ion: 91 Resp: 32112

Ion Ratio Lower Upper

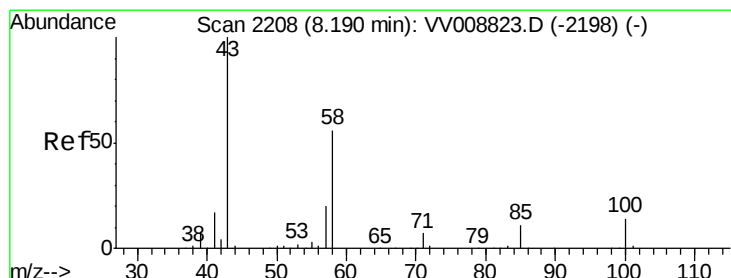
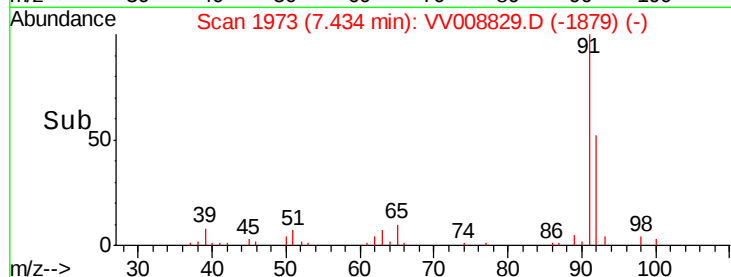
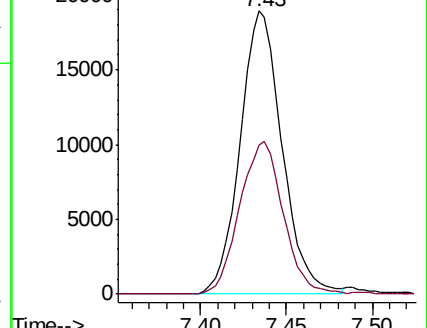
91 100

92 52.4 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VV008829.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008829.D (-1958) (-)



#48

2-Hexanone

Concen: 1.431 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008829.D

Acq: 03 Dec 2018 13:58

Tgt Ion: 43 Resp: 5263

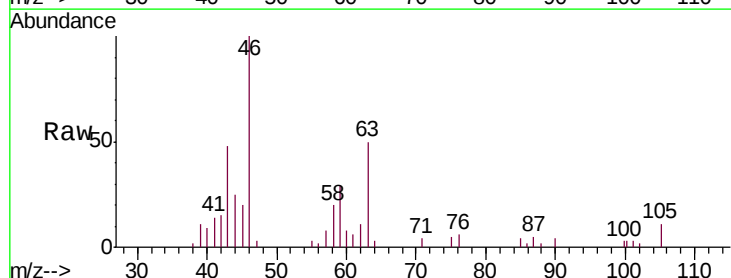
Ion Ratio Lower Upper

43 100

58 36.3 44.5 66.7#

57 3.9 15.2 22.8#

100 5.1 9.6 14.4#



Abundance Ion 43.05 (42.75 to 43.75): VV008829.D (-2115) (-)

Ion 58.05 (57.75 to 58.75): VV008829.D (-2115) (-)

Ion 57.20 (56.90 to 57.90): VV008829.D (-2115) (-)

Ion 100.15 (99.85 to 100.85): VV008829.D (-2115) (-)

