

Data File : VV007680.D
Acq On : 21 Sep 2018 02:55
Operator : SY/MD
Sample : J4990-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COT10

Quant Time: Sep 21 03:30:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 03:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	106777	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52193	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17924	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.59	69	20284	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	34511	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.96	46	53688	47.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.92%
24) Chloroform-d	4.41	84	47027	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	24445	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	87949	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.12	67	27024	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	87196	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	8921	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.14	63	37819	42.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21513	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	40226	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

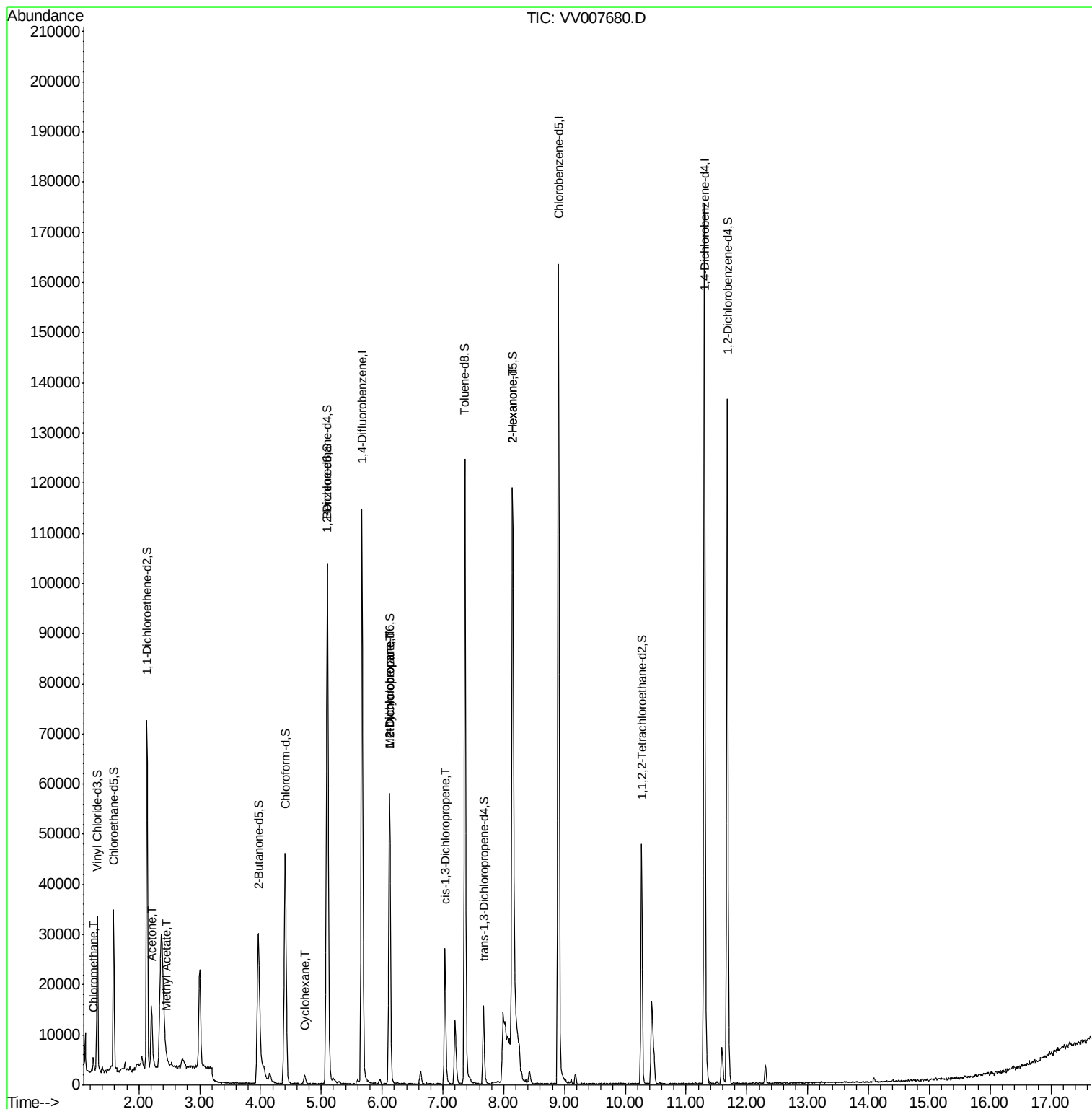
						Qvalue
3) Chloromethane	1.25	50	1625	0.244	ug/L	94
13) Acetone	2.21	43	15185	14.080	ug/L	98
15) Methyl Acetate	2.47	43	719	0.270	ug/L #	49
30) Cyclohexane	4.73	56	1002	0.101	ug/L #	95
35) Methylcyclohexane	6.12	83	6859	0.579	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3052	0.485	ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	751	0.082	ug/L #	60
48) 2-Hexanone	8.14	43	6549	2.715	ug/L #	90

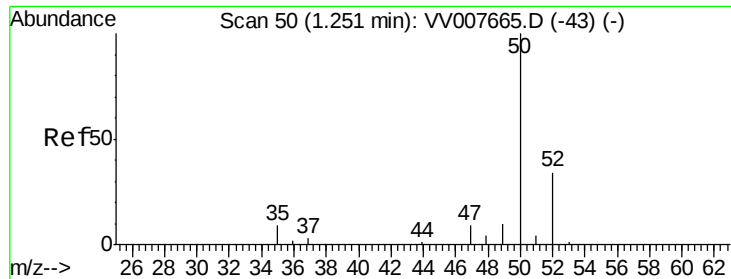
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.244 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Acq: 21 Sep 2018 02:55

Instrument :

MSVOA_V

ClientSampleId :

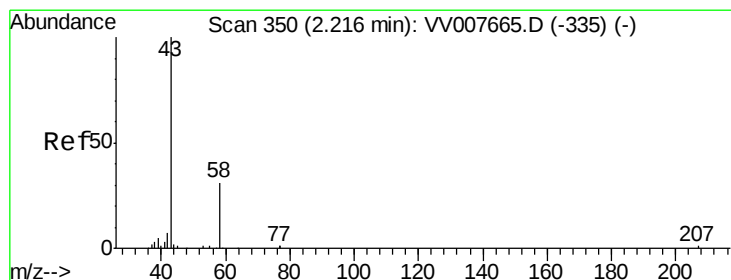
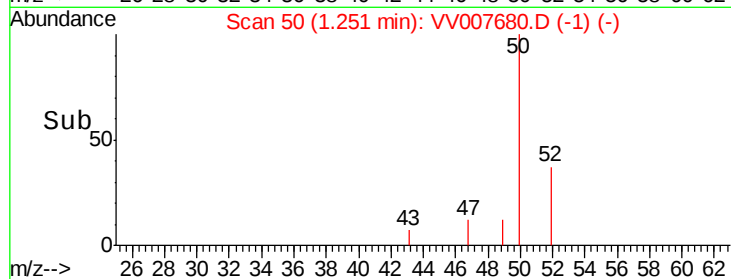
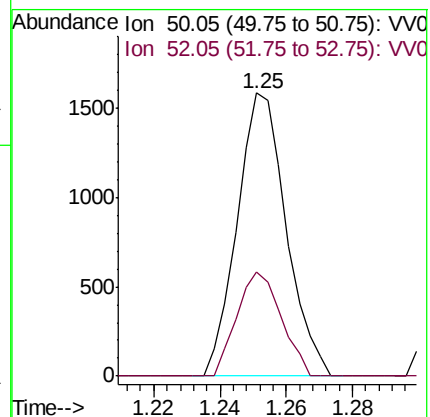
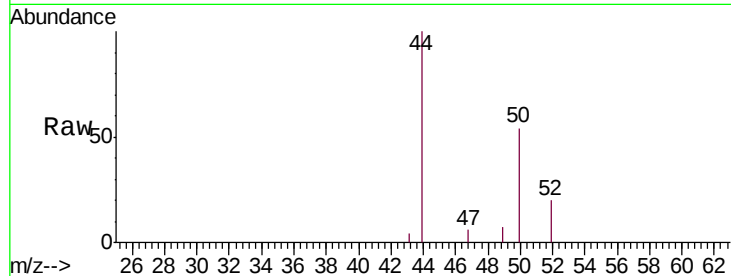
C0T10

Tgt Ion: 50 Resp: 1625

Ion Ratio Lower Upper

50 100

52 36.6 23.2 43.2



#13

Acetone

Concen: 14.080 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

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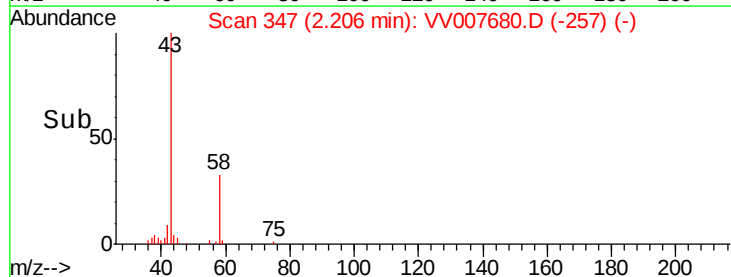
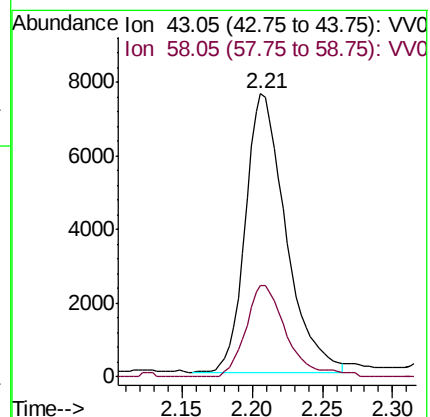
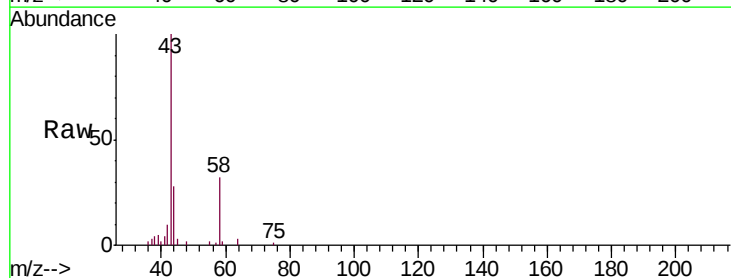
Acq: 21 Sep 2018 02:55

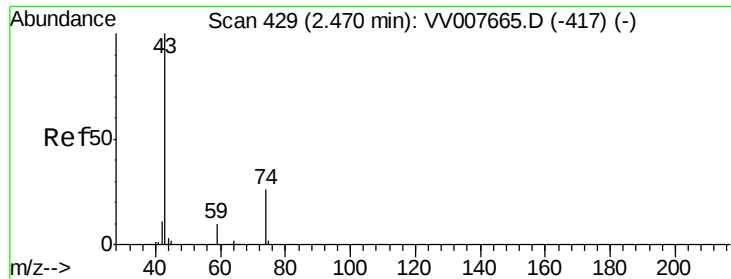
Tgt Ion: 43 Resp: 15185

Ion Ratio Lower Upper

43 100

58 33.2 0.0 63.6





#15

Methyl Acetate

Concen: 0.270 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

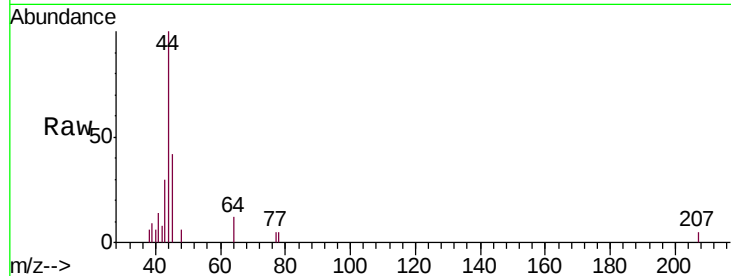
COT10

Tgt Ion: 43 Resp: 719

Ion Ratio Lower Upper

43 100

74 0.0 20.6 30.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

800

600

400

200

0

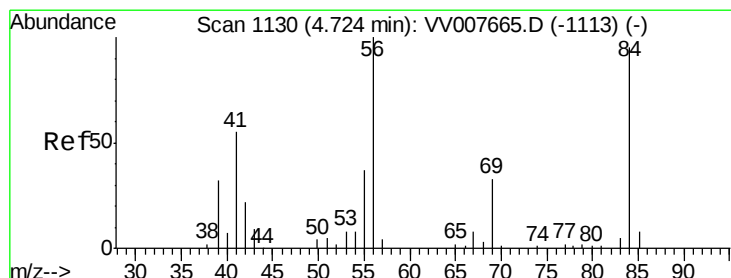
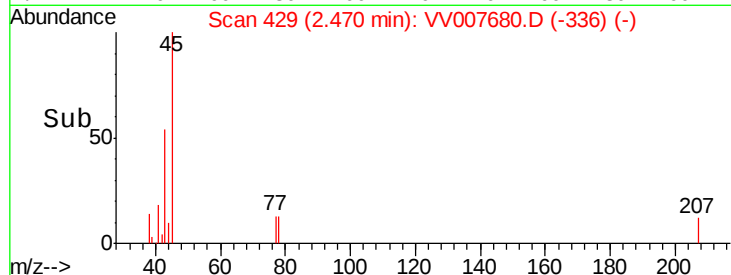
2.44

2.46

2.48

2.50

Time-->



#30

Cyclohexane

Concen: 0.101 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VV007680.D

Acq: 21 Sep 2018 02:55

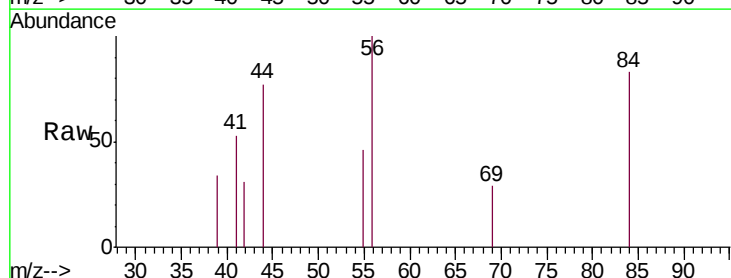
Tgt Ion: 56 Resp: 1002

Ion Ratio Lower Upper

56 100

69 22.4 26.9 40.3#

84 99.0 78.9 118.3



Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0

600

500

400

300

200

100

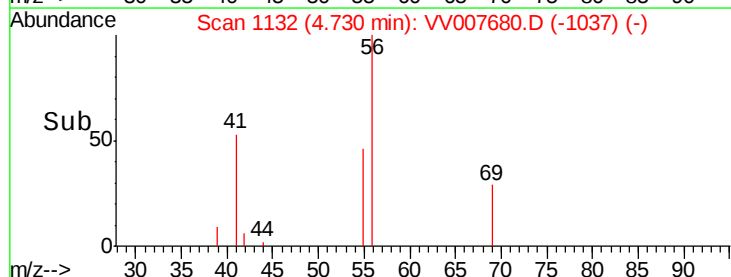
0

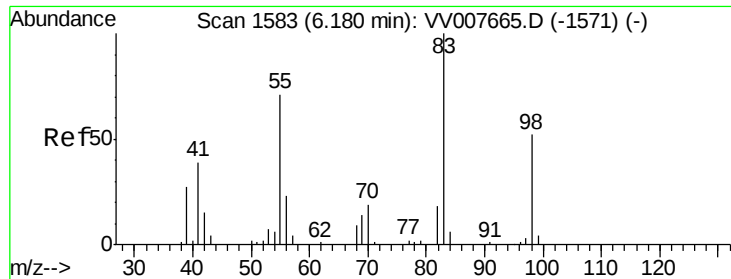
4.70

4.73

4.75

Time-->

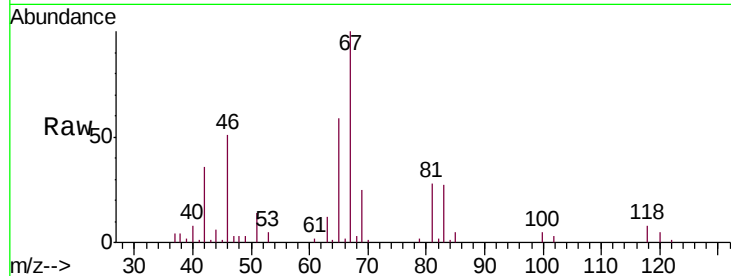




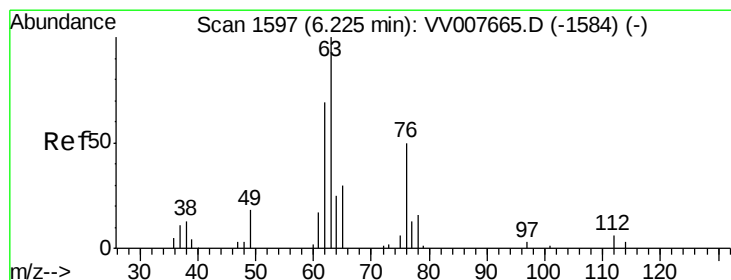
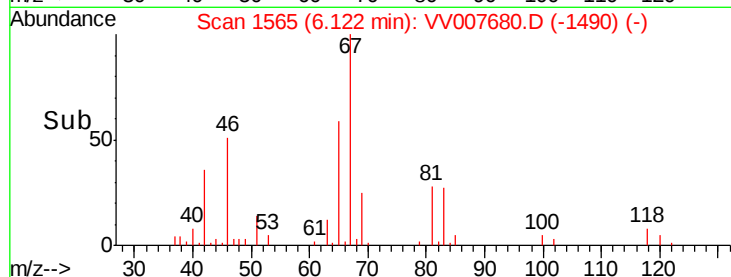
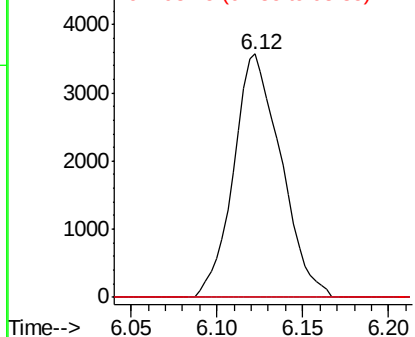
#35
Methylcyclohexane
Concen: 0.579 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007680.D
Acq: 21 Sep 2018 02:55

Instrument :
MSVOA_V
ClientSampleId :
COT10

Tgt Ion: 83 Resp: 6859
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 0.0 40.7 61.1#

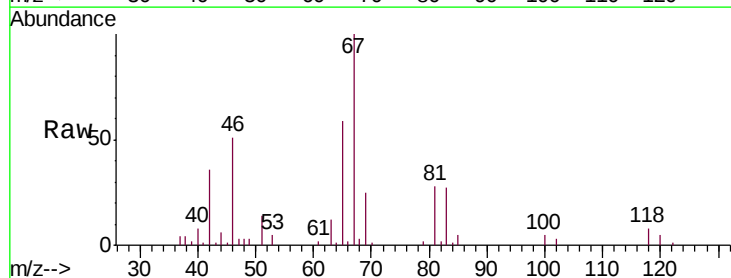


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

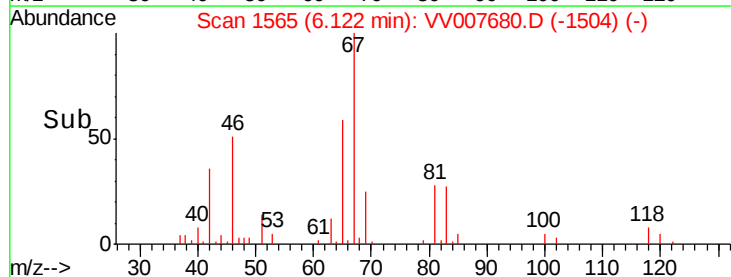
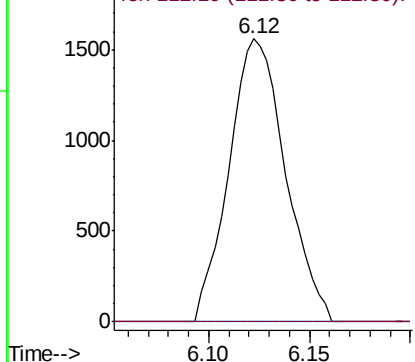


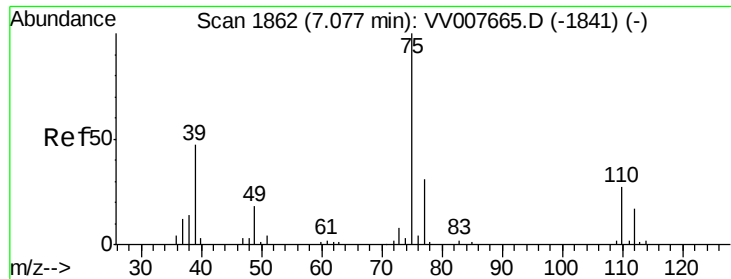
#37
1,2-Dichloropropane
Concen: 0.485 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007680.D
Acq: 21 Sep 2018 02:55

Tgt Ion: 63 Resp: 3052
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



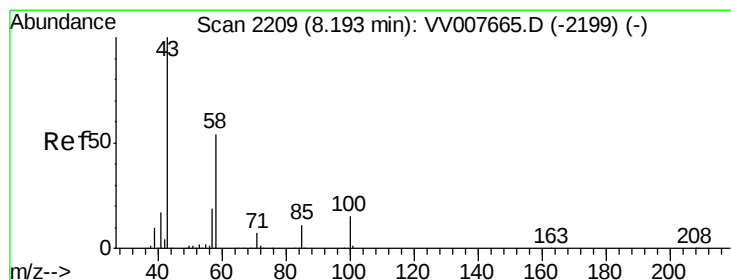
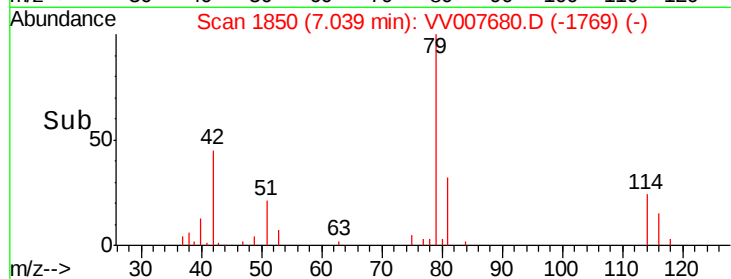
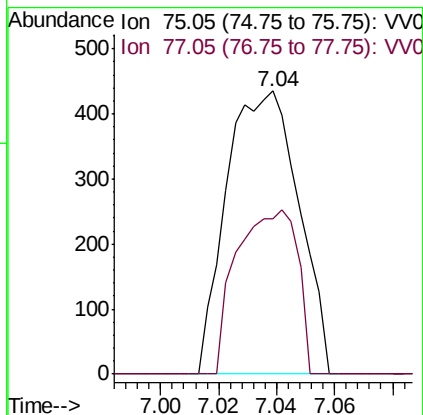
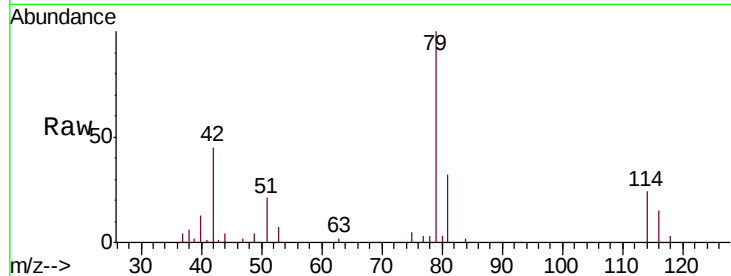


#39

cis-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV007680.D
 Acq: 21 Sep 2018 02:55

Instrument :
 MSVOA_V
 ClientSampleId :
 COT10

Tgt Ion: 75 Resp: 751
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.7 42.3#



#48

2-Hexanone
 Concen: 2.715 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV007680.D
 Acq: 21 Sep 2018 02:55

Tgt Ion: 43 Resp: 6549
 Ion Ratio Lower Upper
 43 100
 58 58.8 45.3 67.9
 57 26.8 16.6 24.8#
 100 0.0 11.4 17.0#

