

Data File : VV007609.D
Acq On : 18 Sep 2018 18:45
Operator : SY/MD
Sample : J4887-10
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0KR4

Quant Time: Sep 19 01:48:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116527	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	105846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25750	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.59	69	23188	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.14	63	44138	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.97	46	56944	74.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.68%#
24) Chloroform-d	4.41	84	54026	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	28430	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	108976	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.13	67	31825	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	110560	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.67	79	12740	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.15	63	25103	49.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20330	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	46412	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

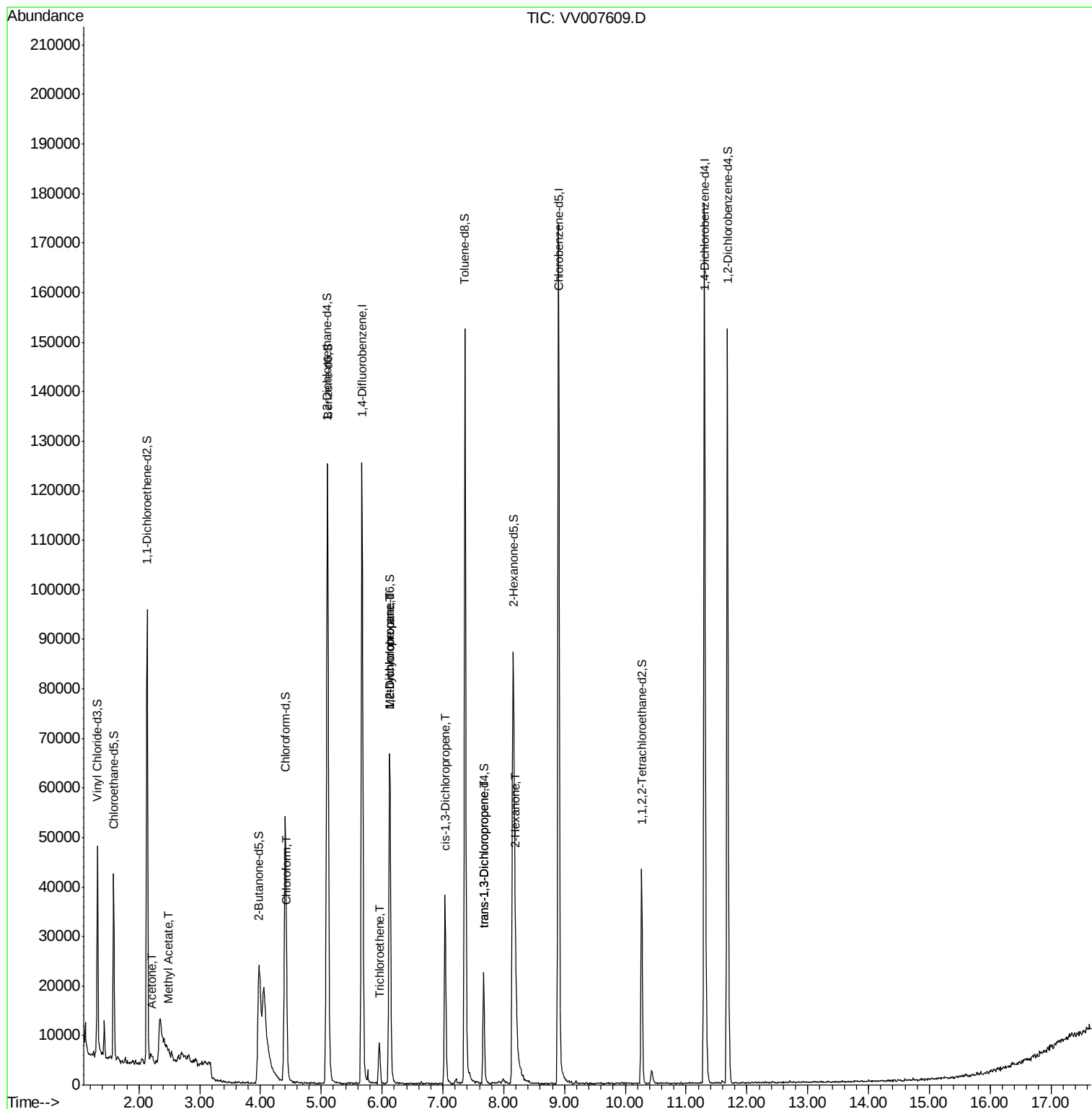
					Qvalue	
13) Acetone	2.21	43	1442	2.211	ug/L	88
15) Methyl Acetate	2.49	43	356	0.187	ug/L #	49
25) Chloroform	4.44	83	1765	0.132	ug/L	79
34) Trichloroethene	5.96	95	902	0.100	ug/L	86
35) Methylcyclohexane	6.13	83	7912	0.604	ug/L #	32
37) 1,2-Dichloropropane	6.13	63	3843	0.623	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1053	0.103	ug/L #	65
44) trans-1,3-Dichloropropene	7.67	75	694	0.085	ug/L	91
48) 2-Hexanone	8.20	43	8503	3.054	ug/L #	45

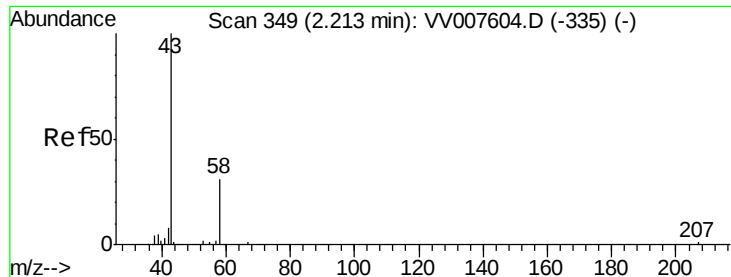
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.211 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

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Acq: 18 Sep 2018 18:45

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MSVOA_V

ClientSampleId :

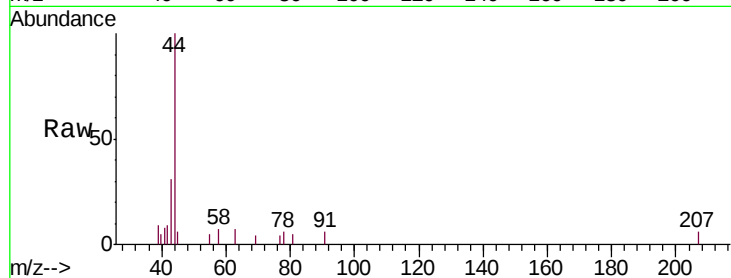
C0KR4

Tgt Ion: 43 Resp: 1442

Ion Ratio Lower Upper

43 100

58 34.9 0.0 57.2



Abundance Ion 43.05 (42.75 to 43.75): VV007609.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV007609.D (-335) (-)

2.21

800

600

400

200

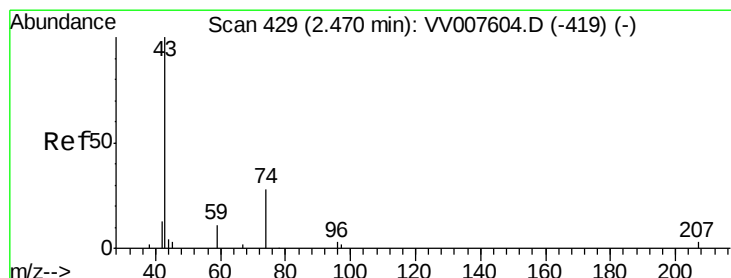
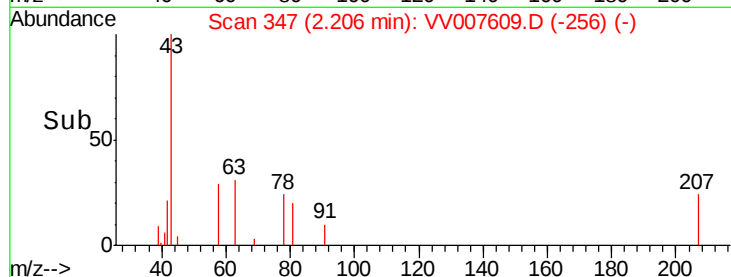
0

2.15

2.20

2.25

Time-->



#15

Methyl Acetate

Concen: 0.187 ug/L

RT: 2.49 min Scan# 436

Delta R.T. 0.02 min

Lab File: VV007609.D

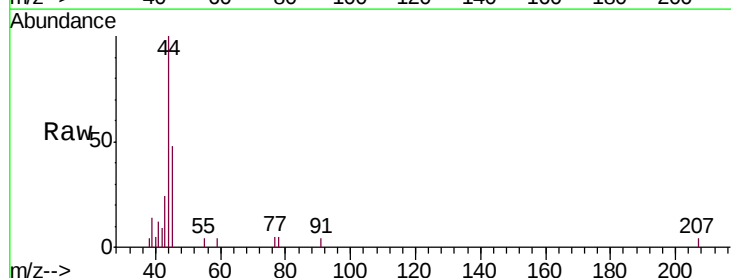
Acq: 18 Sep 2018 18:45

Tgt Ion: 43 Resp: 356

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#



Abundance Ion 43.05 (42.75 to 43.75): VV007609.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VV007609.D (-419) (-)

2.49

800

600

400

200

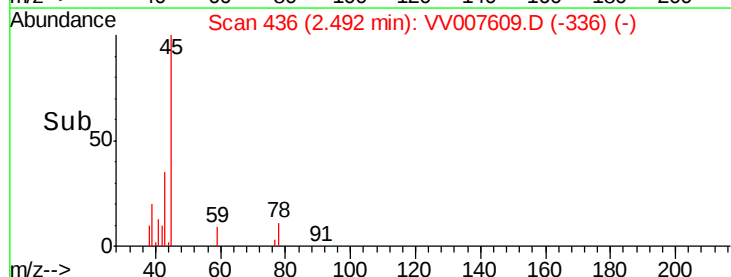
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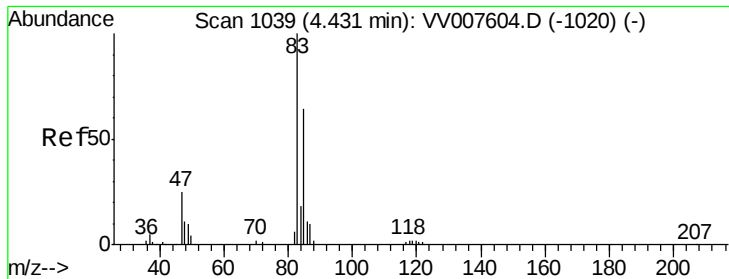
2.46

2.48

2.50

Time-->





#25

Chloroform

Concen: 0.132 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VV007609.D

Acq: 18 Sep 2018 18:45

Instrument :

MSVOA_V

ClientSampleId :

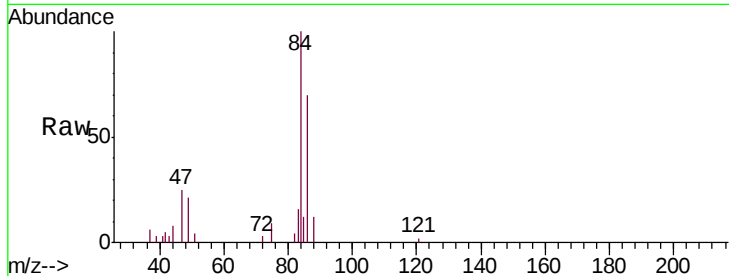
C0KR4

Tgt Ion: 83 Resp: 1765

Ion Ratio Lower Upper

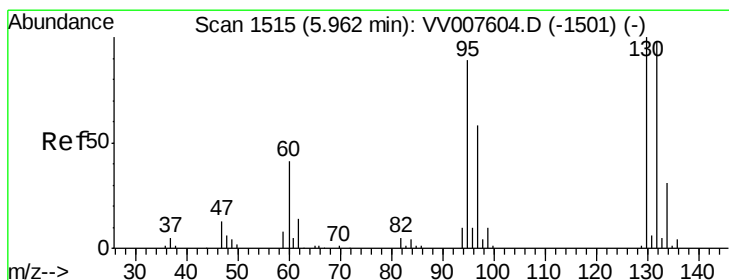
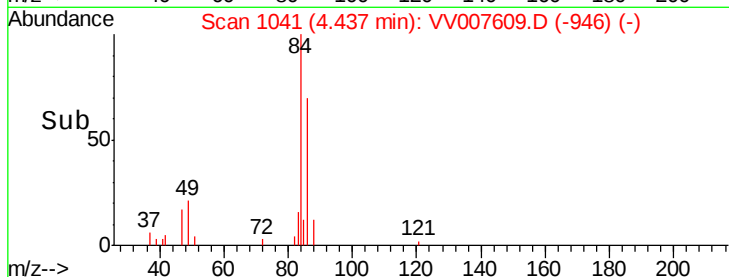
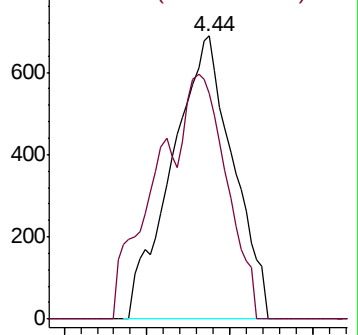
83 100

85 79.7 44.5 82.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#34

Trichloroethene

Concen: 0.100 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007609.D

Acq: 18 Sep 2018 18:45

Tgt Ion: 95 Resp: 902

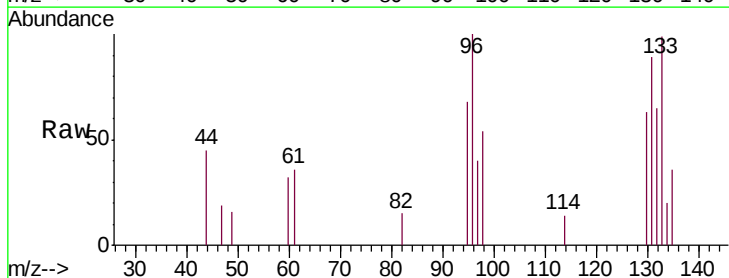
Ion Ratio Lower Upper

95 100

97 58.1 46.5 86.5

132 96.2 75.5 140.3

130 92.9 78.8 146.4

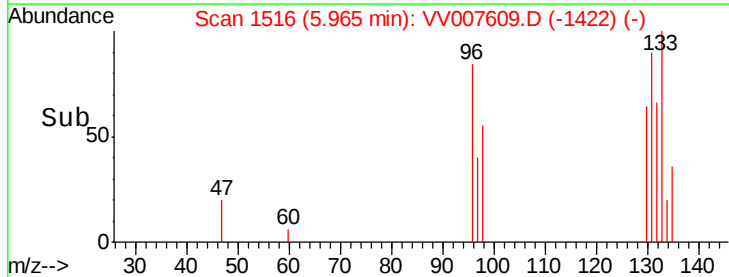
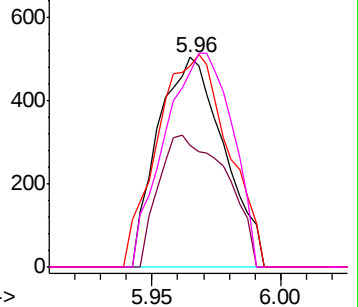


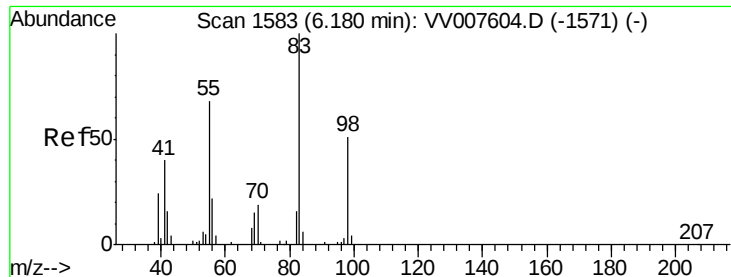
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

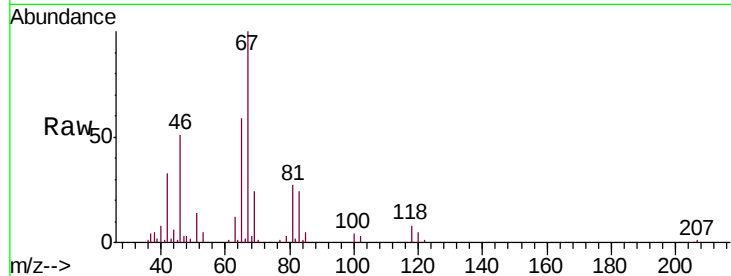




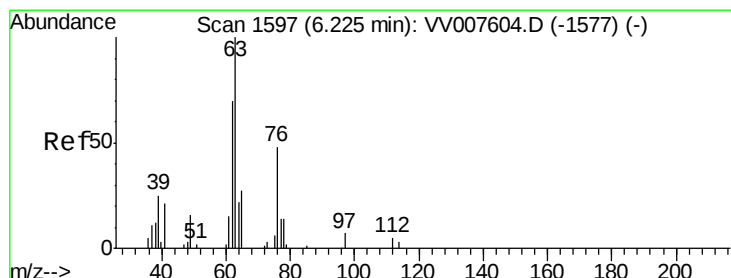
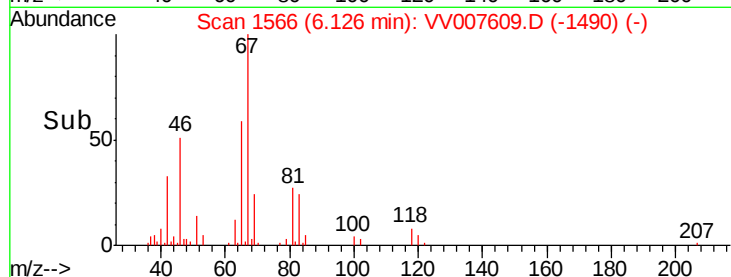
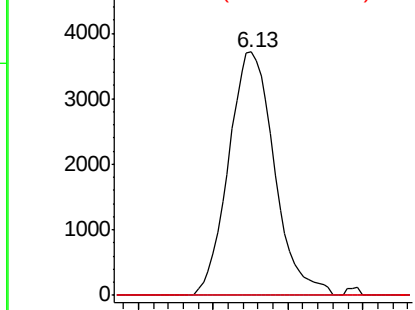
#35
Methylcyclohexane
Concen: 0.604 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007609.D
Acq: 18 Sep 2018 18:45

Instrument :
MSVOA_V
ClientSampleId :
C0KR4

Tgt Ion: 83 Resp: 7912
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 18.6 39.8 59.6#

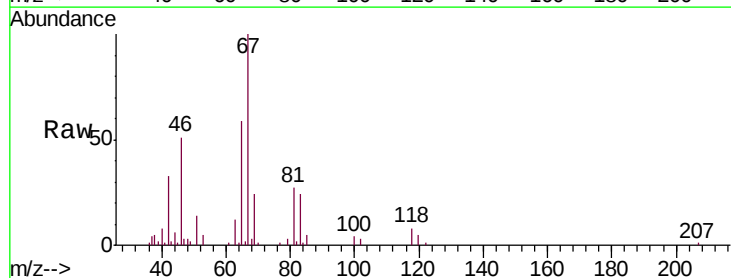


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

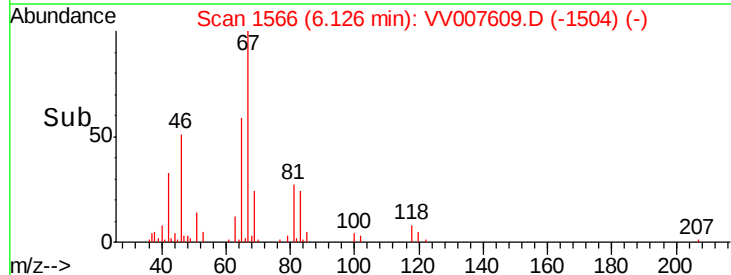
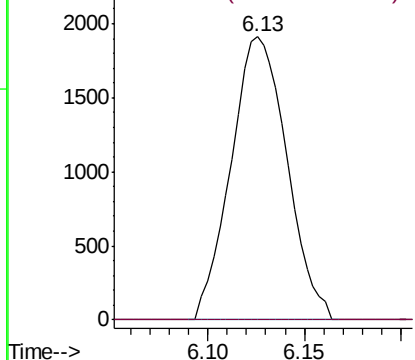


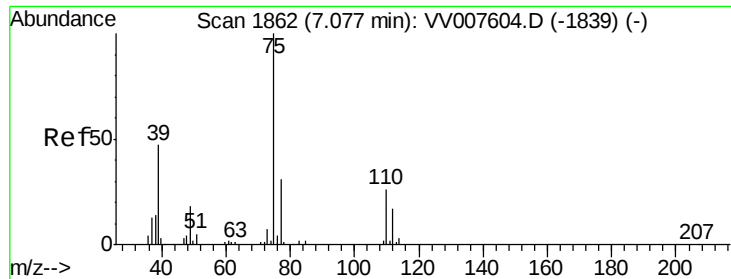
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007609.D
Acq: 18 Sep 2018 18:45

Tgt Ion: 63 Resp: 3843
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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: 0.103 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007609.D

Acq: 18 Sep 2018 18:45

Instrument :

MSVOA_V

ClientSampleId :

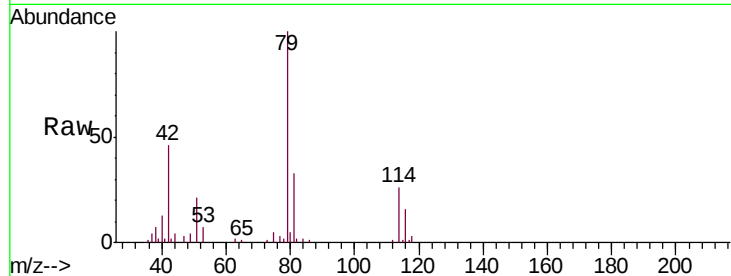
C0KR4

Tgt Ion: 75 Resp: 1053

Ion Ratio Lower Upper

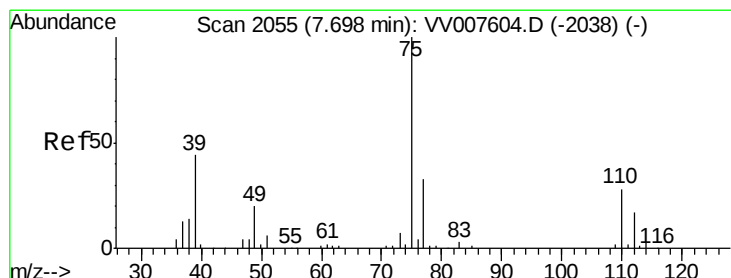
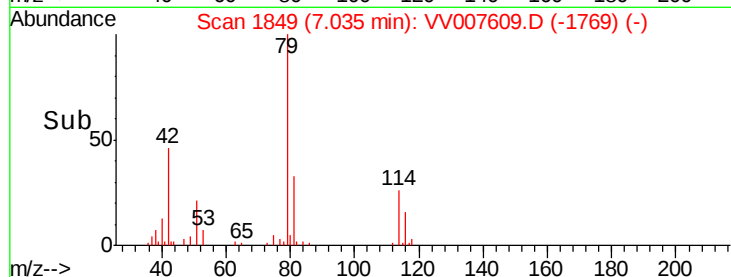
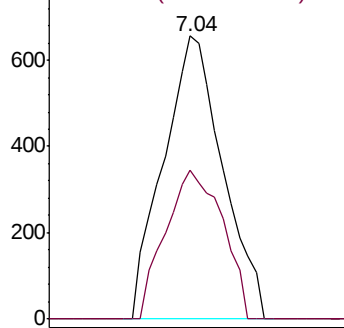
75 100

77 52.4 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007609.D

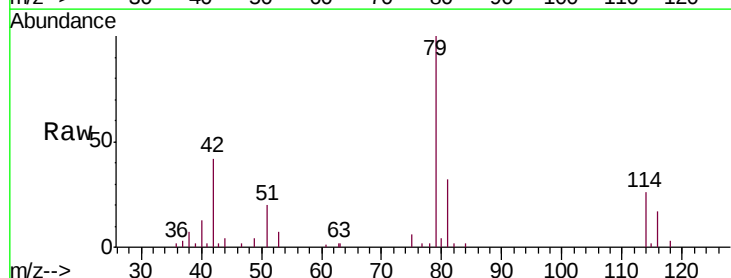
Acq: 18 Sep 2018 18:45

Tgt Ion: 75 Resp: 694

Ion Ratio Lower Upper

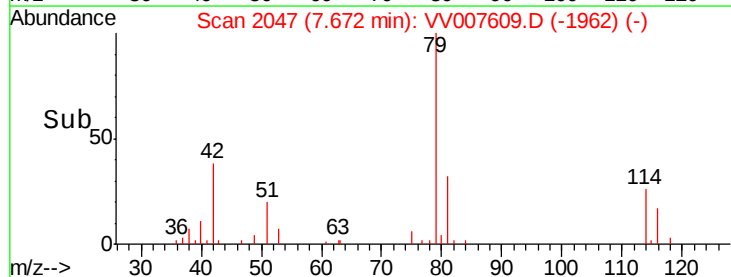
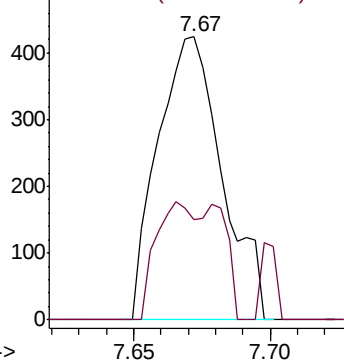
75 100

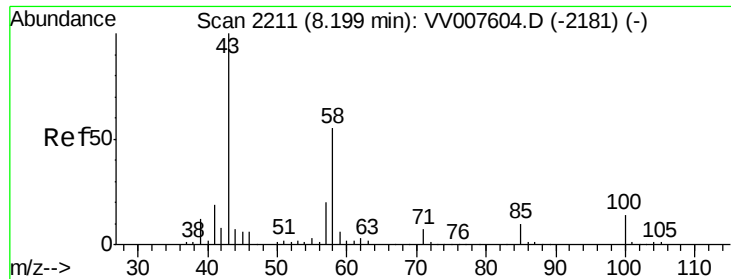
77 35.4 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 3.054 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VV007609.D
 Acq: 18 Sep 2018 18:45

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KR4

Tgt Ion:	43	Resp:	8503
Ion	Ratio	Lower	Upper
43	100		
58	2.1	45.5	68.3#
57	11.4	16.3	24.5#
100	3.7	10.7	16.1#

