

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007486.D
 Acq On : 12 Sep 2018 20:23
 Operator : SY/MD
 Sample : J4871-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KL8

Quant Time: Sep 13 03:17:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 02:33:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122744	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110645	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34871	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.58	69	26731	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	63806	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.96	46	70575	49.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.80%
24) Chloroform-d	4.41	84	66226	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	36222	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.10	84	131536	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.13	67	38947	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	134003	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	7.67	79	19346	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.14	63	40588	45.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28199	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	53273	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

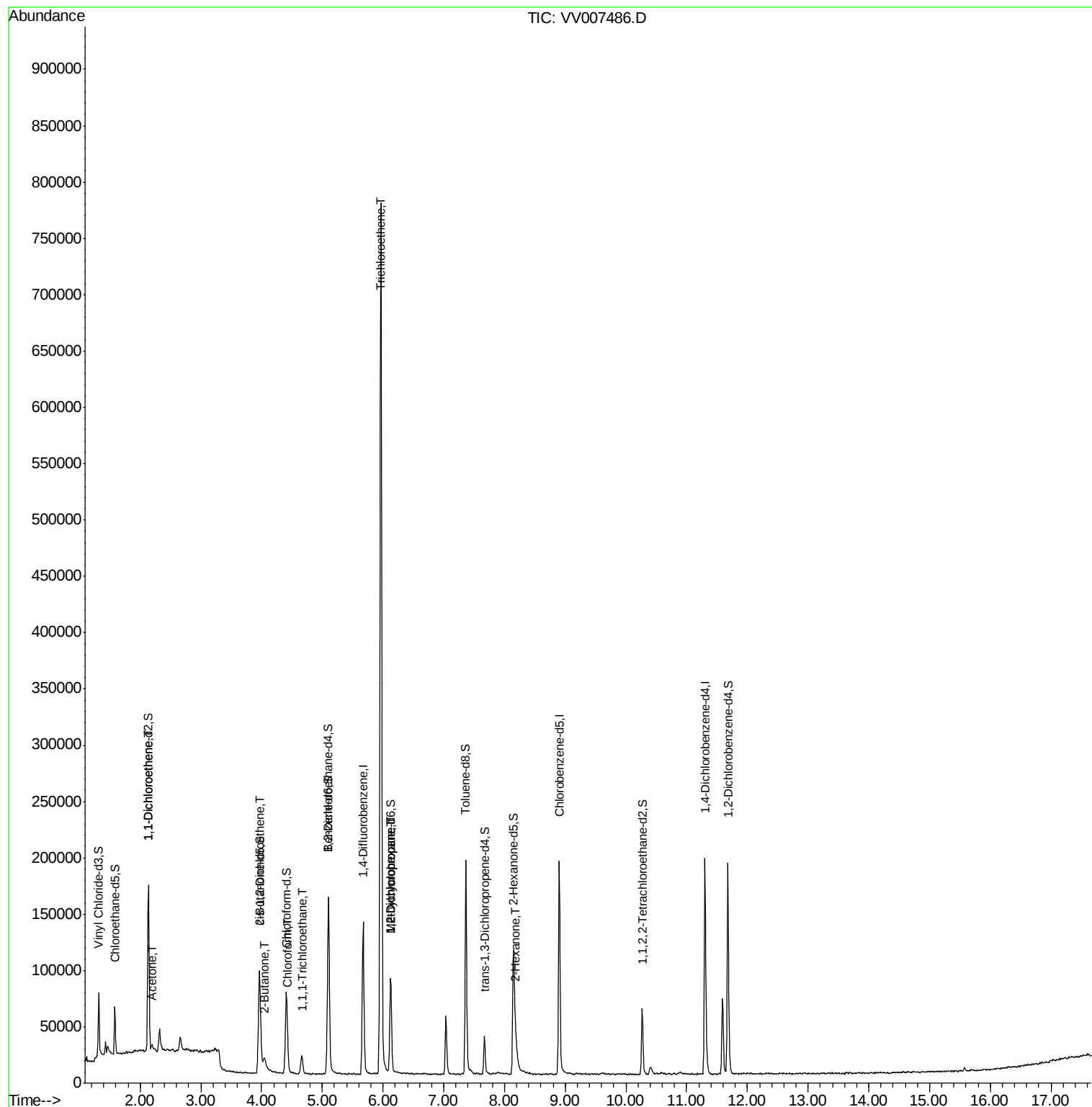
					Ovalue
12) 1,1-Dichloroethene	2.15	96	17979	2.839 ug/L #	77
13) Acetone	2.20	43	3810	4.614 ug/L	99
21) 2-Butanone	4.04	43	1072	0.799 ug/L	85
22) cis-1,2-Dichloroethene	3.97	96	31213	4.692 ug/L #	92
25) Chloroform	4.44	83	2402	0.211 ug/L	89
29) 1,1,1-Trichloroethane	4.66	97	13188	1.156 ug/L	99
34) Trichloroethene	5.96	95	258839	35.565 ug/L	92
35) Methylcyclohexane	6.13	83	9624	0.852 ug/L #	21
37) 1,2-Dichloropropane	6.13	63	4906	0.803 ug/L #	89
48) 2-Hexanone	8.19	43	9112	3.596 ug/L #	78

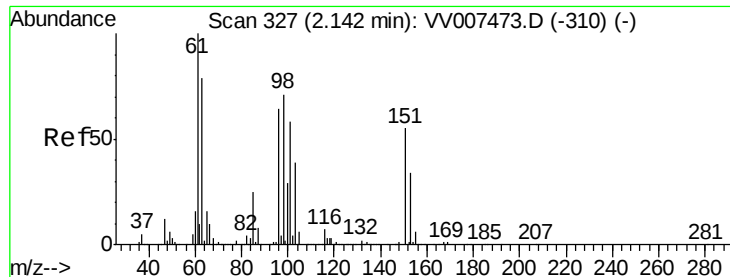
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 03:17:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 02:33:45 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.839 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007486.D

Acq: 12 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampled :

C0KL8

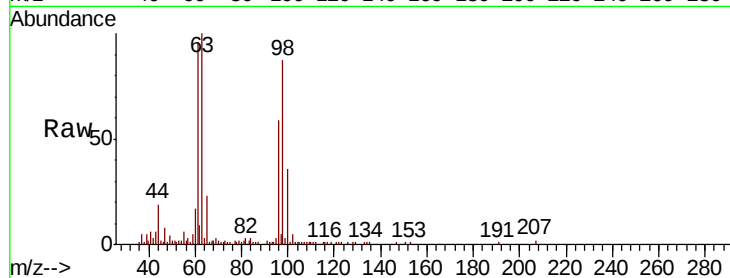
Tot Ion: 96 Resp: 17979

Ion Ratio Lower Upper

96 100

61 163.6 108.0 200.6

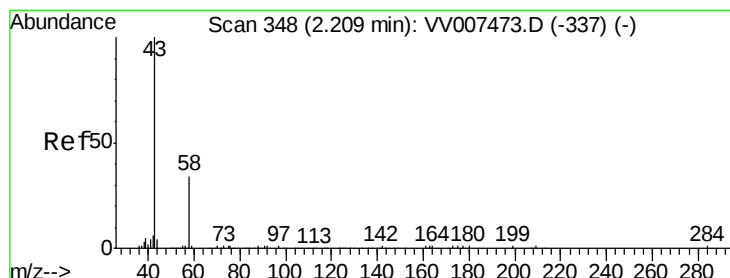
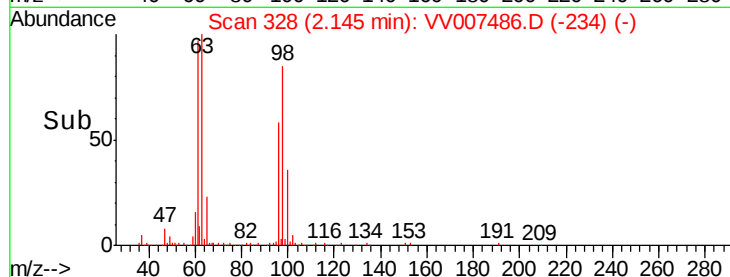
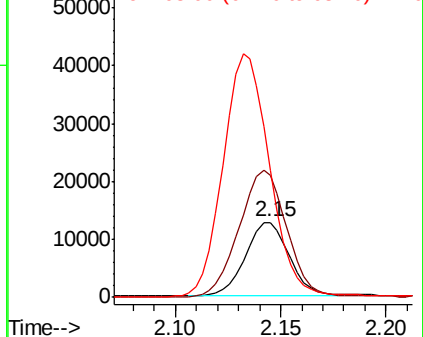
63 170.4 85.7 159.1#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 4.614 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV007486.D

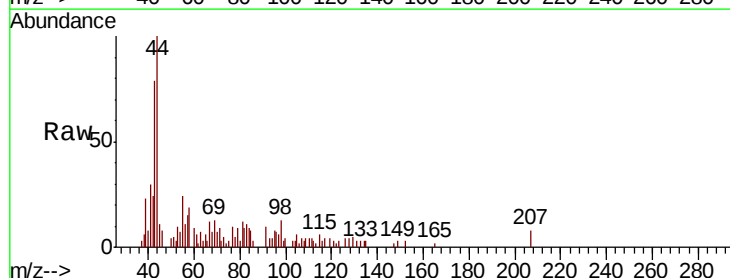
Acq: 12 Sep 2018 20:23

Tgt Ion: 43 Resp: 3810

Ion Ratio Lower Upper

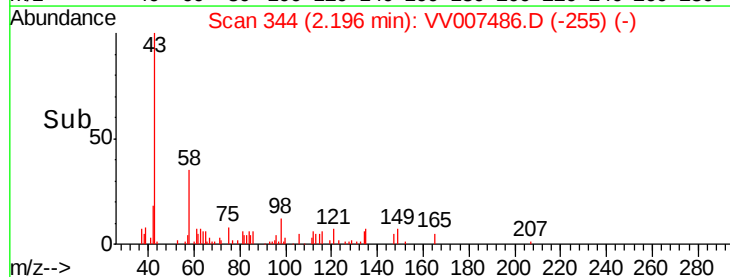
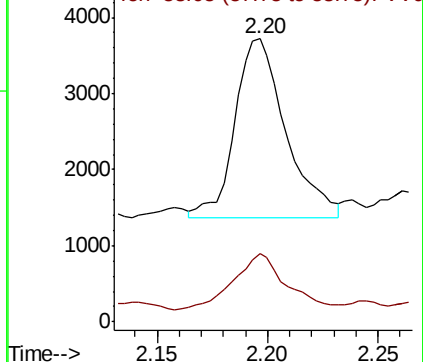
43 100

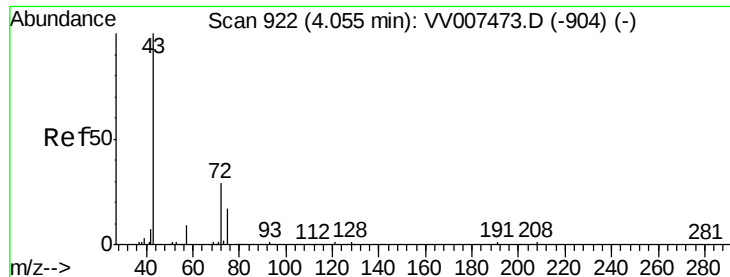
58 32.2 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 0.799 ug/L

RT: 4.04 min Scan# 918

Delta R.T. -0.01 min

Lab File: VV007486.D

Acq: 12 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampleId :

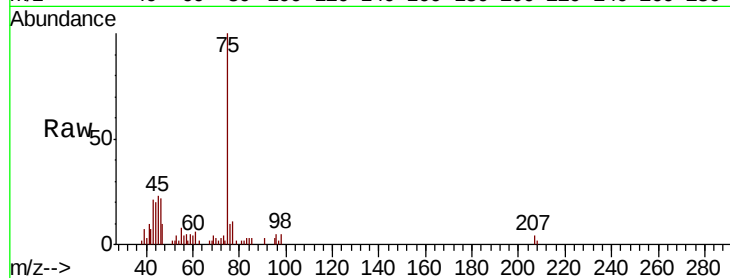
C0KL8

Tot Ion: 43 Resp: 1072

Ion Ratio Lower Upper

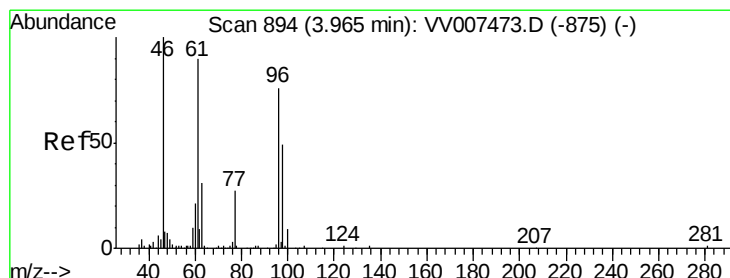
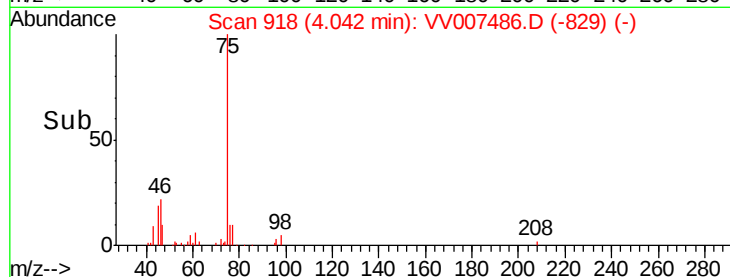
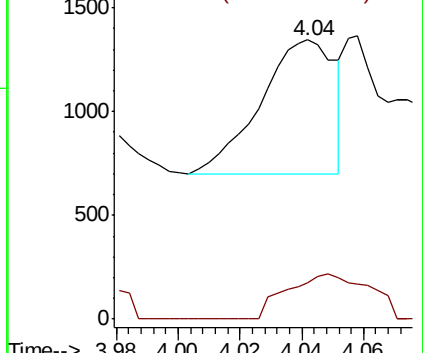
43 100

72 37.6 14.8 44.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#22

cis-1,2-Dichloroethene

Concen: 4.692 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV007486.D

Acq: 12 Sep 2018 20:23

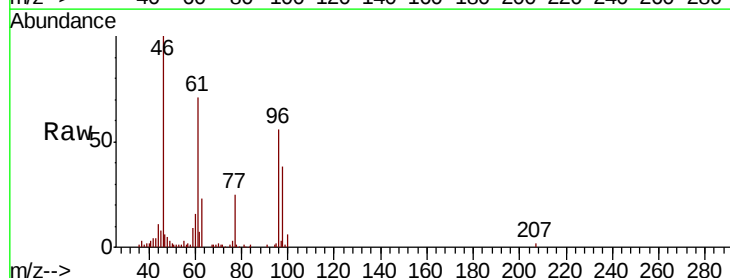
Tgt Ion: 96 Resp: 31213

Ion Ratio Lower Upper

96 100

61 126.9 82.6 153.4

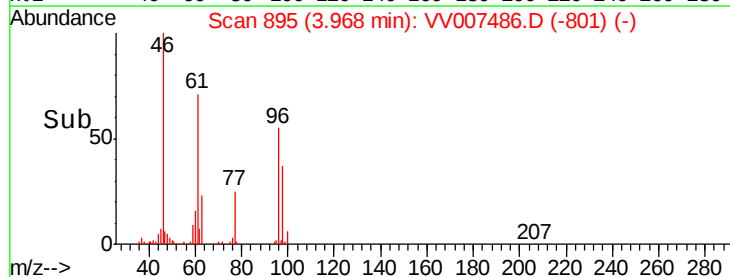
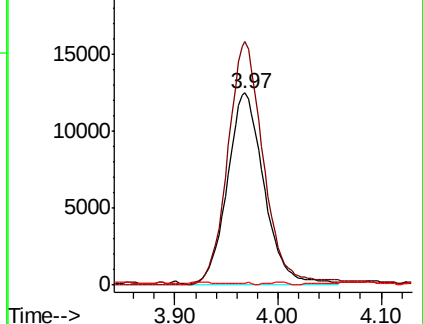
68 1.1 1.2 2.2#

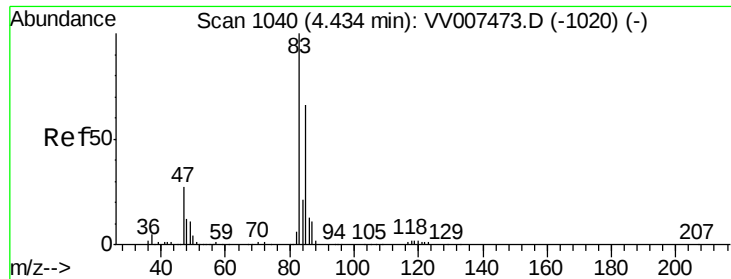


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#25

Chloroform

Concen: 0.211 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV007486.D

Acq: 12 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampleId :

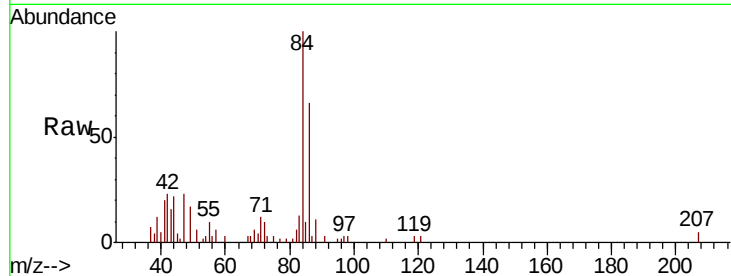
C0KL8

Tot Ion: 83 Resp: 2402

Ion Ratio Lower Upper

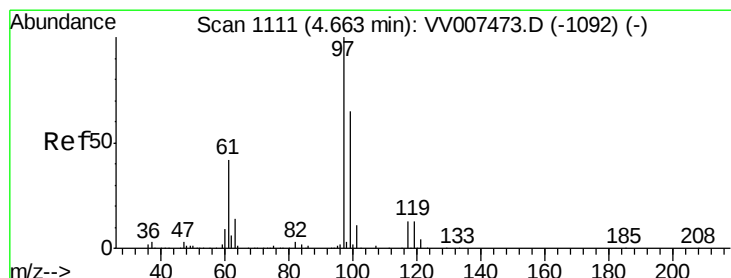
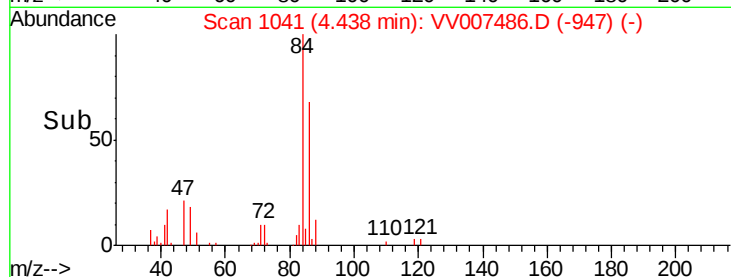
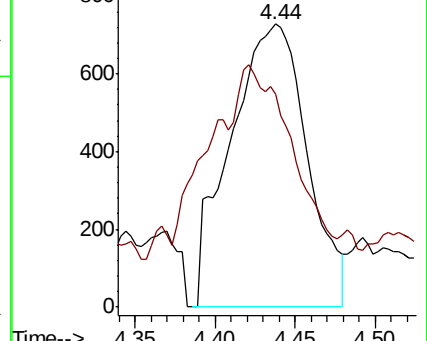
83 100

85 75.3 46.6 86.6



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#29

1,1,1-Trichloroethane

Concen: 1.156 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VV007486.D

Acq: 12 Sep 2018 20:23

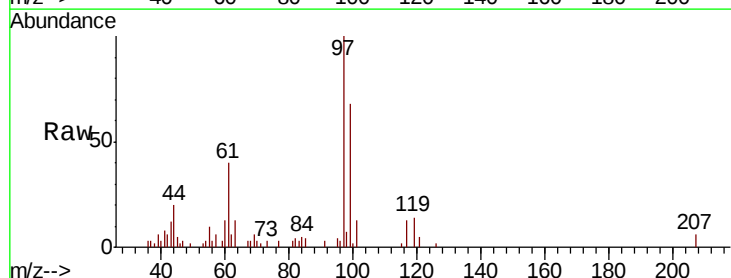
Tgt Ion: 97 Resp: 13188

Ion Ratio Lower Upper

97 100

99 64.9 51.2 76.8

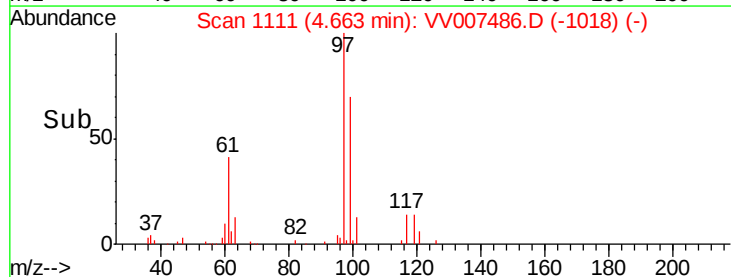
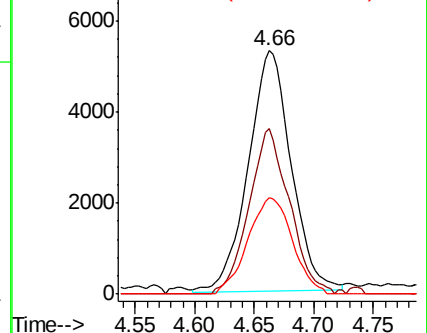
61 41.5 33.4 50.2

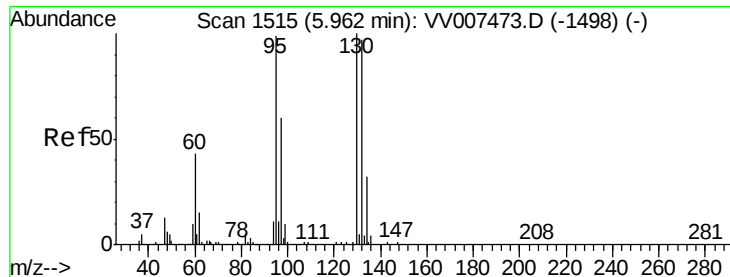


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 35.565 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007486.D

Acq: 12 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampleId :

C0KL8

Tot Ion: 95 Resp: 258839

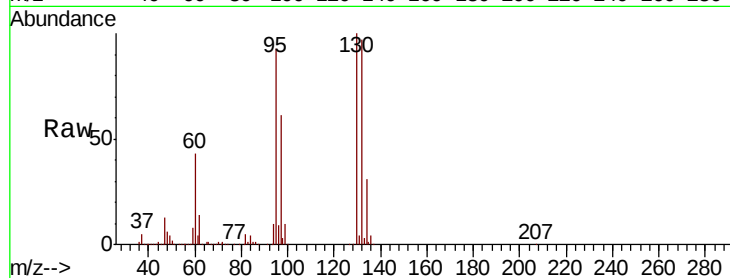
Ion Ratio Lower Upper

95 100

97 65.7 42.8 79.4

132 104.8 67.6 125.6

130 107.7 69.6 129.2



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): VV0

Ion 129.95 (129.65 to 130.65): VV0

200000

150000

100000

50000

0

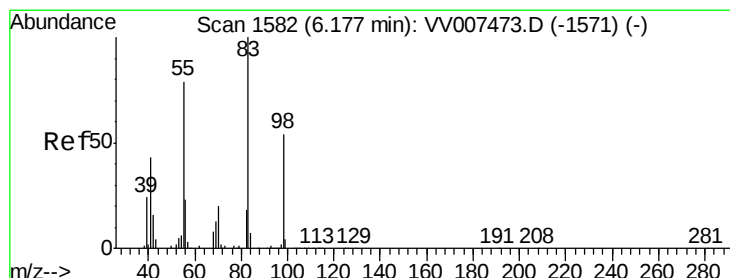
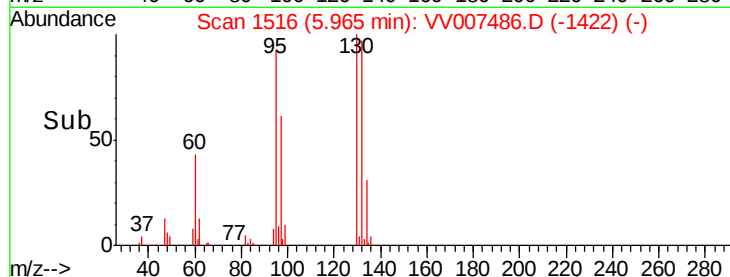
5.96

5.90

6.00

6.10

Time-->



#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007486.D

Acq: 12 Sep 2018 20:23

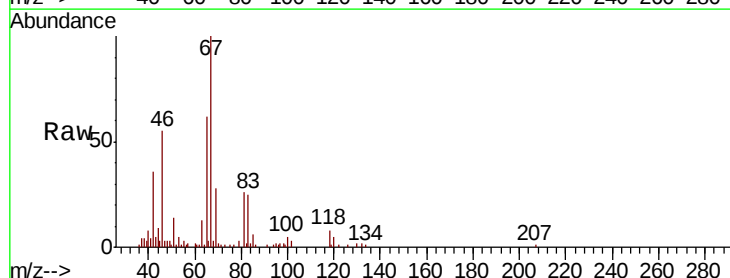
Tgt Ion: 83 Resp: 9624

Ion Ratio Lower Upper

83 100

55 1.5 57.4 86.0#

98 0.0 38.8 58.2#



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

6000

5000

4000

3000

2000

1000

0

6.13

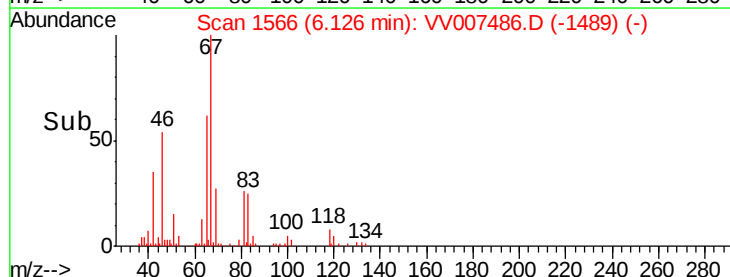
6.05

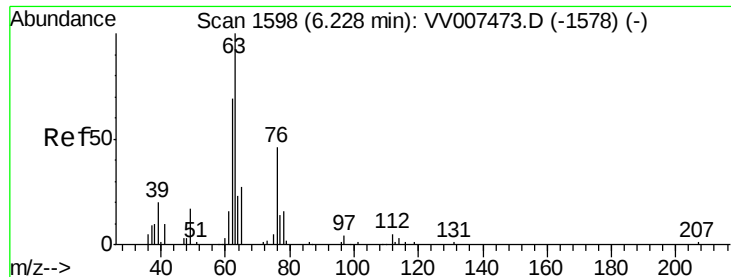
6.10

6.15

6.20

Time-->





#37

1,2-Dichloropropane

Concen: 0.803 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007486.D

Acq: 12 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampled :

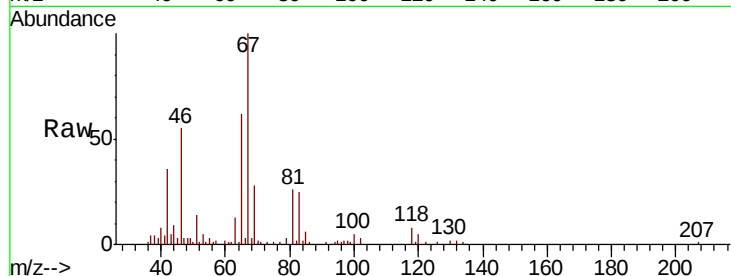
C0KL8

Tot Ion: 63 Resp: 4906

Ion Ratio Lower Upper

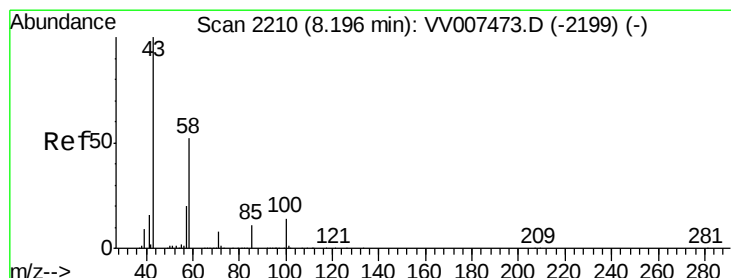
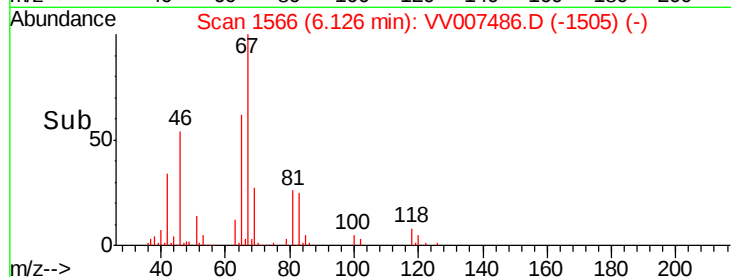
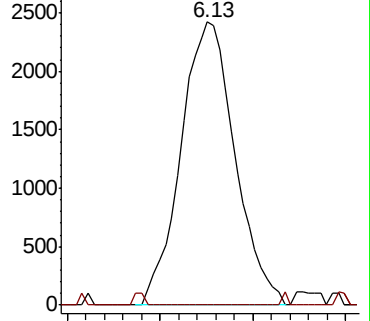
63 100

112 0.8 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV007473.D (-1578) (-)

Ion 112.10 (111.80 to 112.80): VV007473.D (-1578) (-)



#48

2-Hexanone

Concen: 3.596 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VV007486.D

Acq: 12 Sep 2018 20:23

Tgt Ion: 43 Resp: 9112

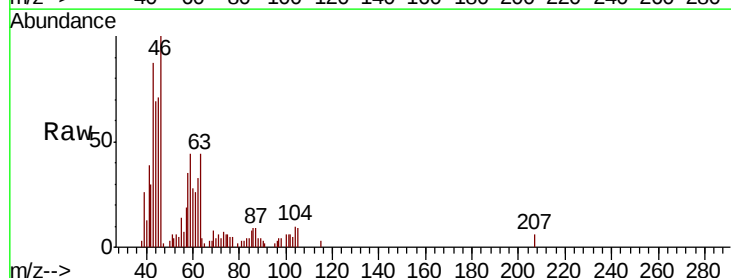
Ion Ratio Lower Upper

43 100

58 38.2 47.9 71.9#

57 17.1 16.2 24.2

100 6.9 11.0 16.4#



Abundance Ion 43.05 (42.75 to 43.75): VV007473.D (-2199) (-)

Ion 58.05 (57.75 to 58.75): VV007473.D (-2199) (-)

Ion 57.20 (56.90 to 57.90): VV007473.D (-2199) (-)

Ion 100.15 (99.85 to 100.85): VV007473.D (-2199) (-)

