

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007478.D
 Acq On : 12 Sep 2018 16:20
 Operator : SY/MD
 Sample : VV0912WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK79

Quant Time: Sep 13 03:16:31 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	139074	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	123168	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63033	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36033	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	29589	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	55893	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.97	46	66446	41.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.92%
24) Chloroform-d	4.40	84	70088	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	37168	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	139532	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	40894	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	137572	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	19481	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	44340	45.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28724	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	53750	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

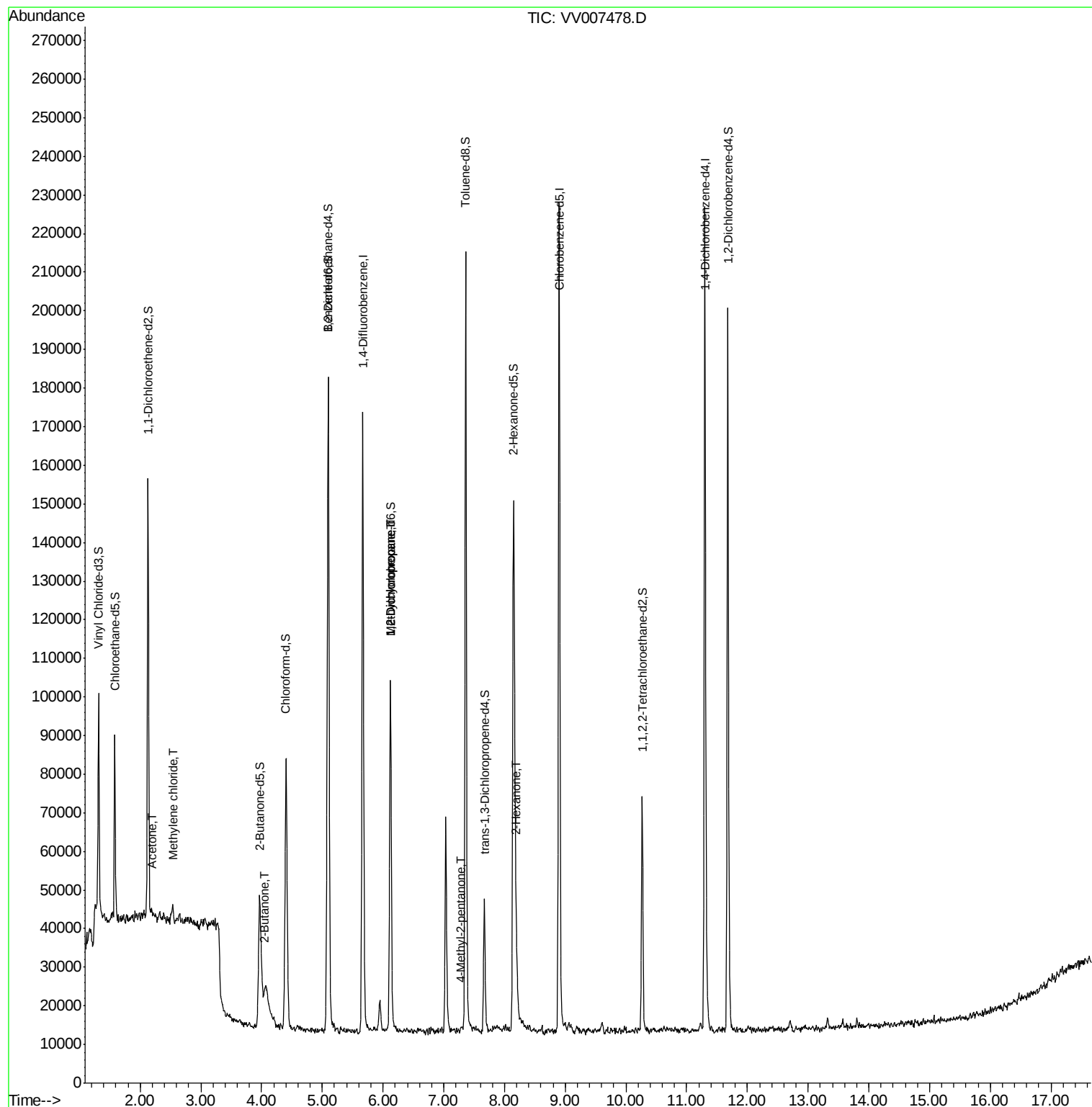
					Ovalue
13) Acetone	2.21	43	528	0.564 ug/L	56
16) Methylene chloride	2.54	84	1886	0.246 ug/L #	71
21) 2-Butanone	4.04	43	524	0.345 ug/L	99
35) Methylcyclohexane	6.12	83	10608	0.844 ug/L #	22
37) 1,2-Dichloropropane	6.12	63	4983	0.732 ug/L #	87
40) 4-Methyl-2-pentanone	7.29	43	1223	0.316 ug/L #	72
48) 2-Hexanone	8.20	43	9201	3.262 ug/L #	82

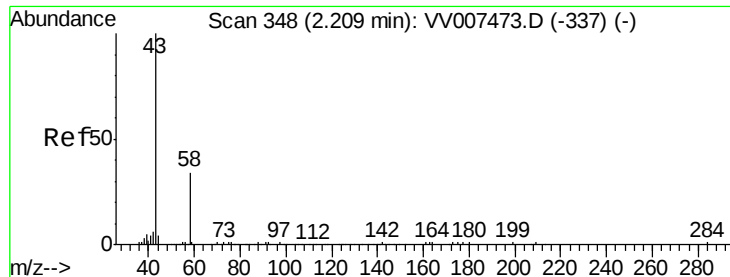
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 02:33:45 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.564 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV007478.D

Acq: 12 Sep 2018 16:20

Instrument :

MSVOA_V

ClientSampleId :

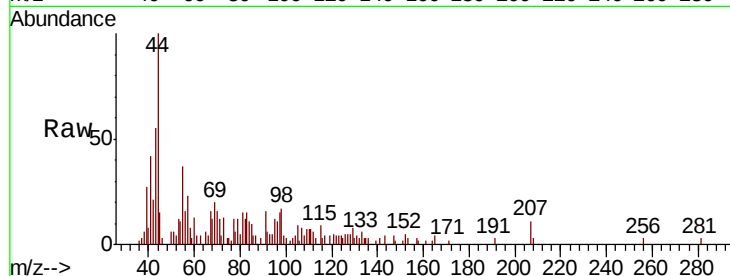
VBLK79

Tot Ion: 43 Resp: 528

Ion Ratio Lower Upper

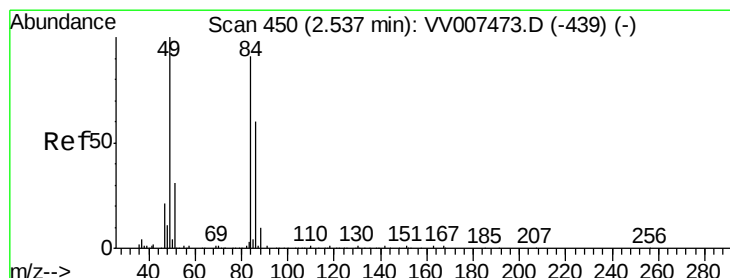
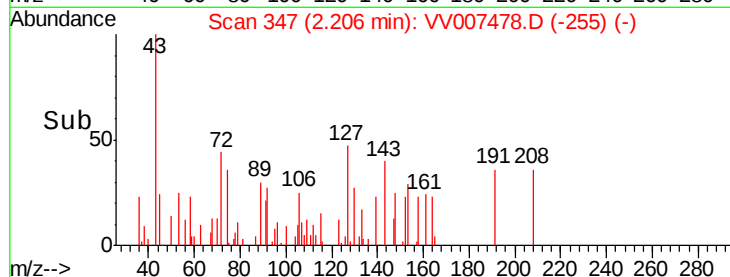
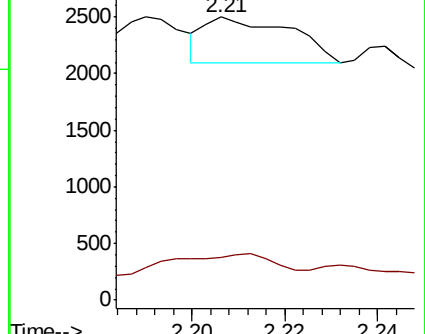
43 100

58 57.2 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.246 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV007478.D

Acq: 12 Sep 2018 16:20

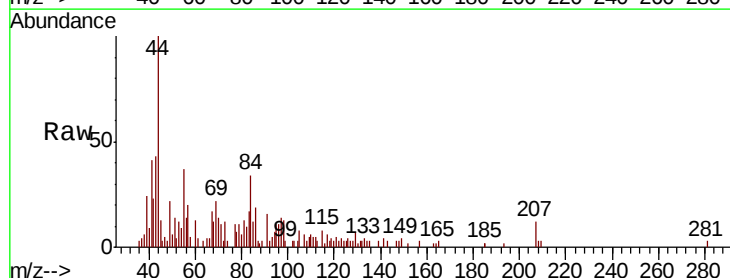
Tgt Ion: 84 Resp: 1886

Ion Ratio Lower Upper

84 100

86 54.8 44.9 83.3

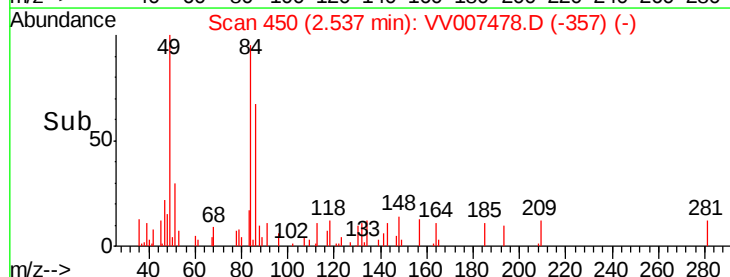
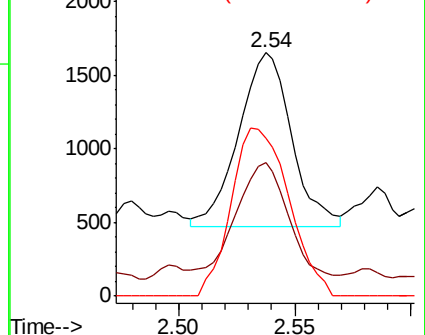
49 64.8 74.2 137.8#

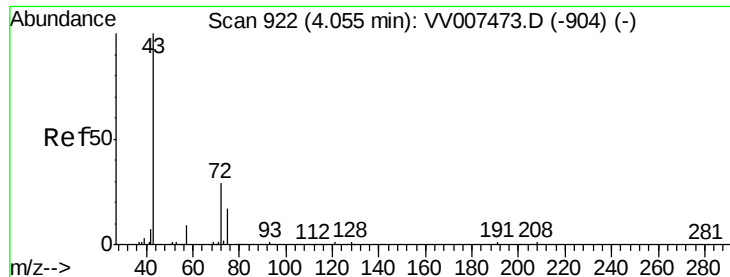


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

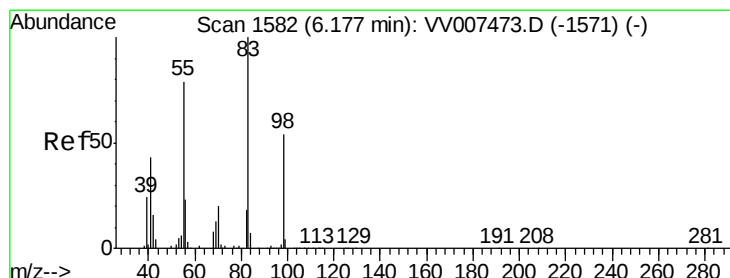
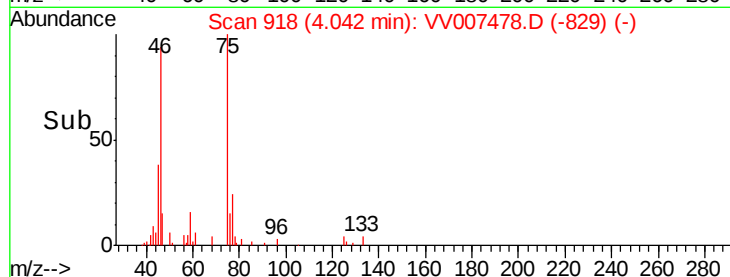
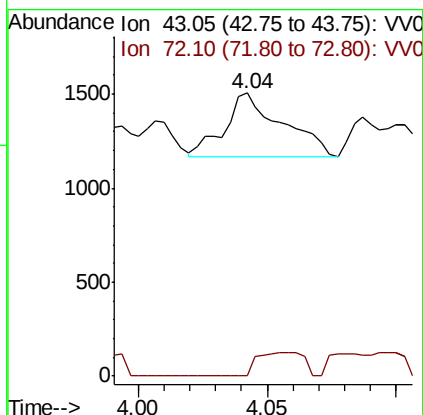
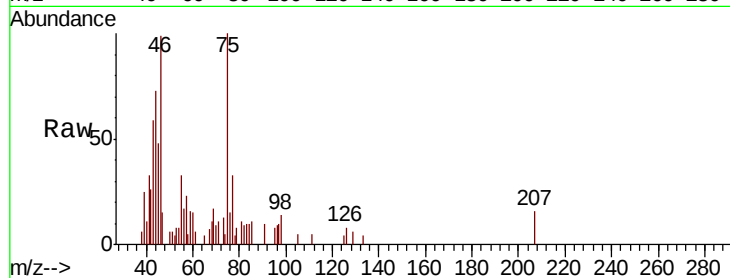




#21
 2-Butanone
 Concen: 0.345 ug/L
 RT: 4.04 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VV007478.D
 Acq: 12 Sep 2018 16:20

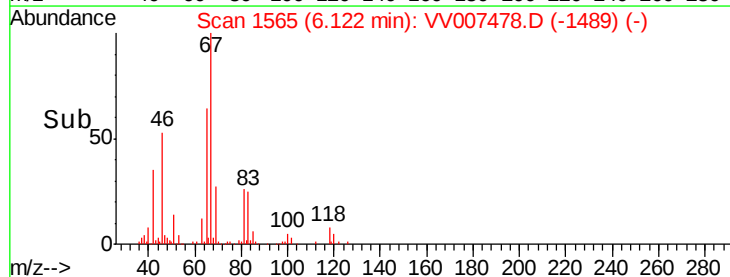
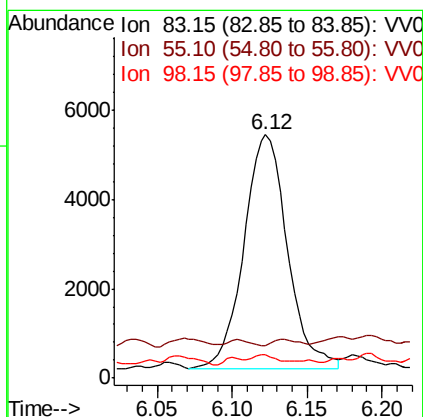
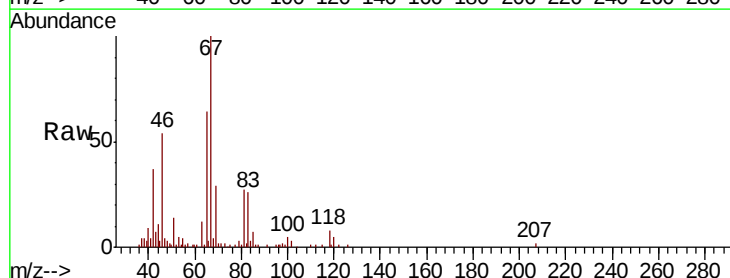
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK79

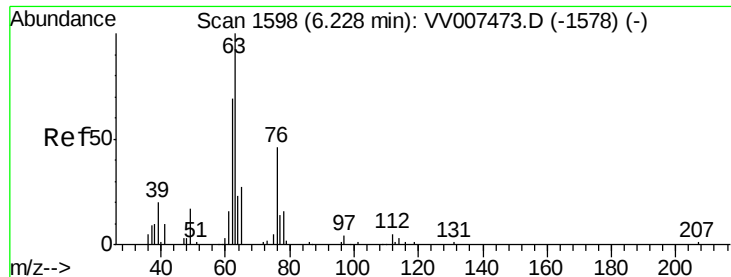
Tot Ion: 43 Resp: 524
 Ion Ratio Lower Upper
 43 100
 72 30.0 14.8 44.4



#35
 Methylcyclohexane
 Concen: 0.844 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV007478.D
 Acq: 12 Sep 2018 16:20

Tgt Ion: 83 Resp: 10608
 Ion Ratio Lower Upper
 83 100
 55 2.0 57.4 86.0#
 98 2.2 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.732 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.11 min

Lab File: VV007478.D

Acq: 12 Sep 2018 16:20

Instrument :

MSVOA_V

ClientSampled :

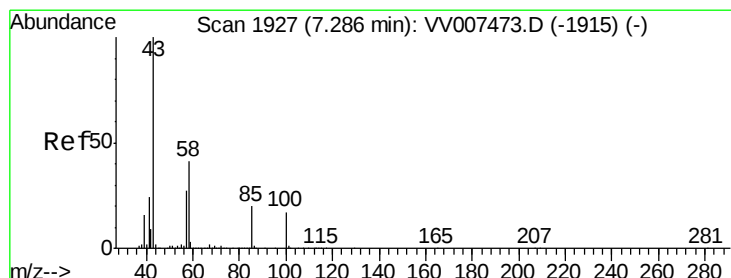
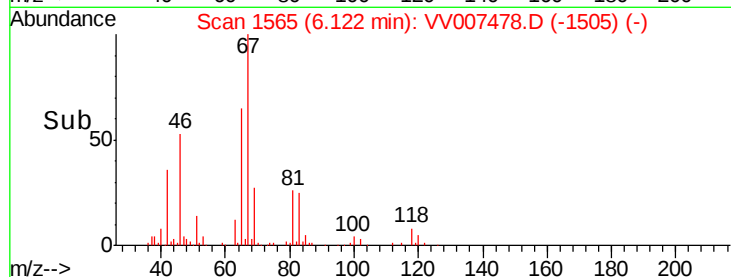
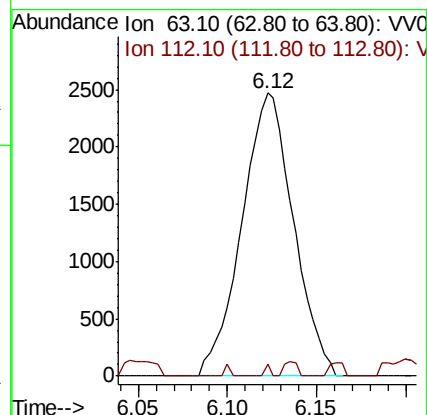
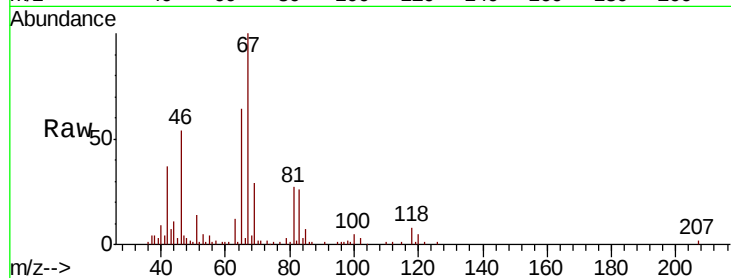
VBLK79

Tot Ion: 63 Resp: 4983

Ion Ratio Lower Upper

63 100

112 0.4 3.7 5.5#



#40

4-Methyl-2-pentanone

Concen: 0.316 ug/L

RT: 7.29 min Scan# 1927

Delta R.T. 0.00 min

Lab File: VV007478.D

Acq: 12 Sep 2018 16:20

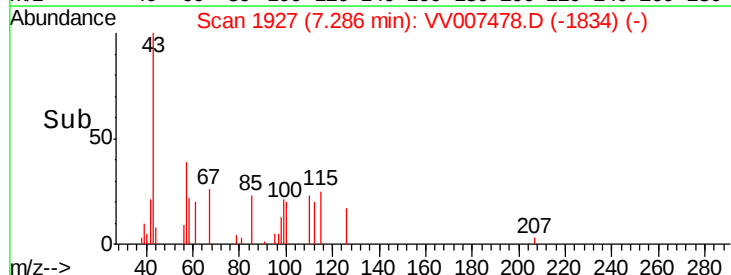
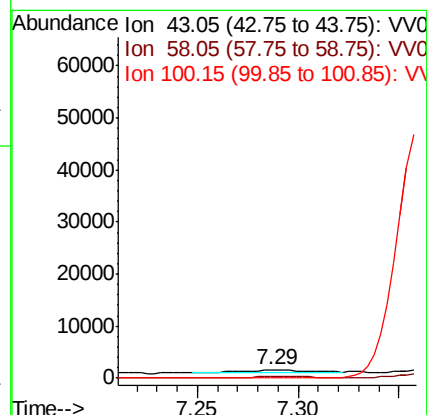
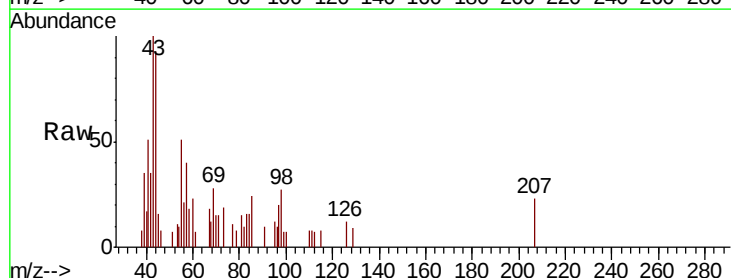
Tgt Ion: 43 Resp: 1223

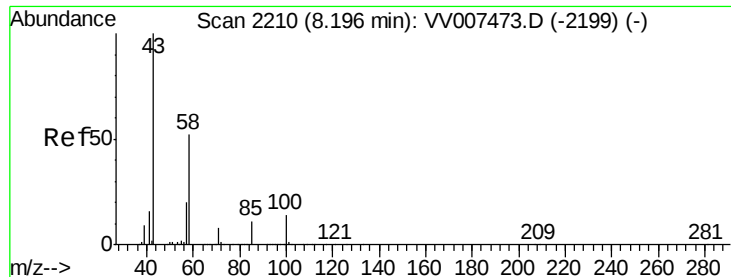
Ion Ratio Lower Upper

43 100

58 54.9 32.2 48.2#

100 0.0 13.6 20.4#





#48

2-Hexanone

Concen: 3.262 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV007478.D

Acq: 12 Sep 2018 16:20

Instrument :
MSVOA_V
ClientSampleId :
VBLK79

Tot Ion: 43 Resp: 9201

Ion	Ratio	Lower	Upper
43	100		
58	41.7	47.9	71.9#
57	18.8	16.2	24.2
100	9.3	11.0	16.4#

