

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
 Data File : VV007158.D
 Acq On : 23 Aug 2018 23:02
 Operator : SY/MD
 Sample : J4622-16
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBK8

Quant Time: Aug 24 02:12:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:07:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	568637	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	542873	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	213371	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	146416	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.94%
7) Chloroethane-d5	1.57	69	125601	54.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.30%
11) 1,1-Dichloroethene-d2	2.13	63	213362	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.50%
21) 2-Butanone-d5	3.96	46	336067	110.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.50%
24) Chloroform-d	4.41	84	350848	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
26) 1,2-Dichloroethane-d4	5.09	65	224562	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.10	84	691084	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	236135	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.62%
41) Toluene-d8	7.37	98	546223	41.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.30%
43) trans-1,3-Dichloropropene-	7.67	79	89673	41.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.92%
47) 2-Hexanone-d5	8.14	63	153972	86.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	336403	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	214143	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%

Target Compounds

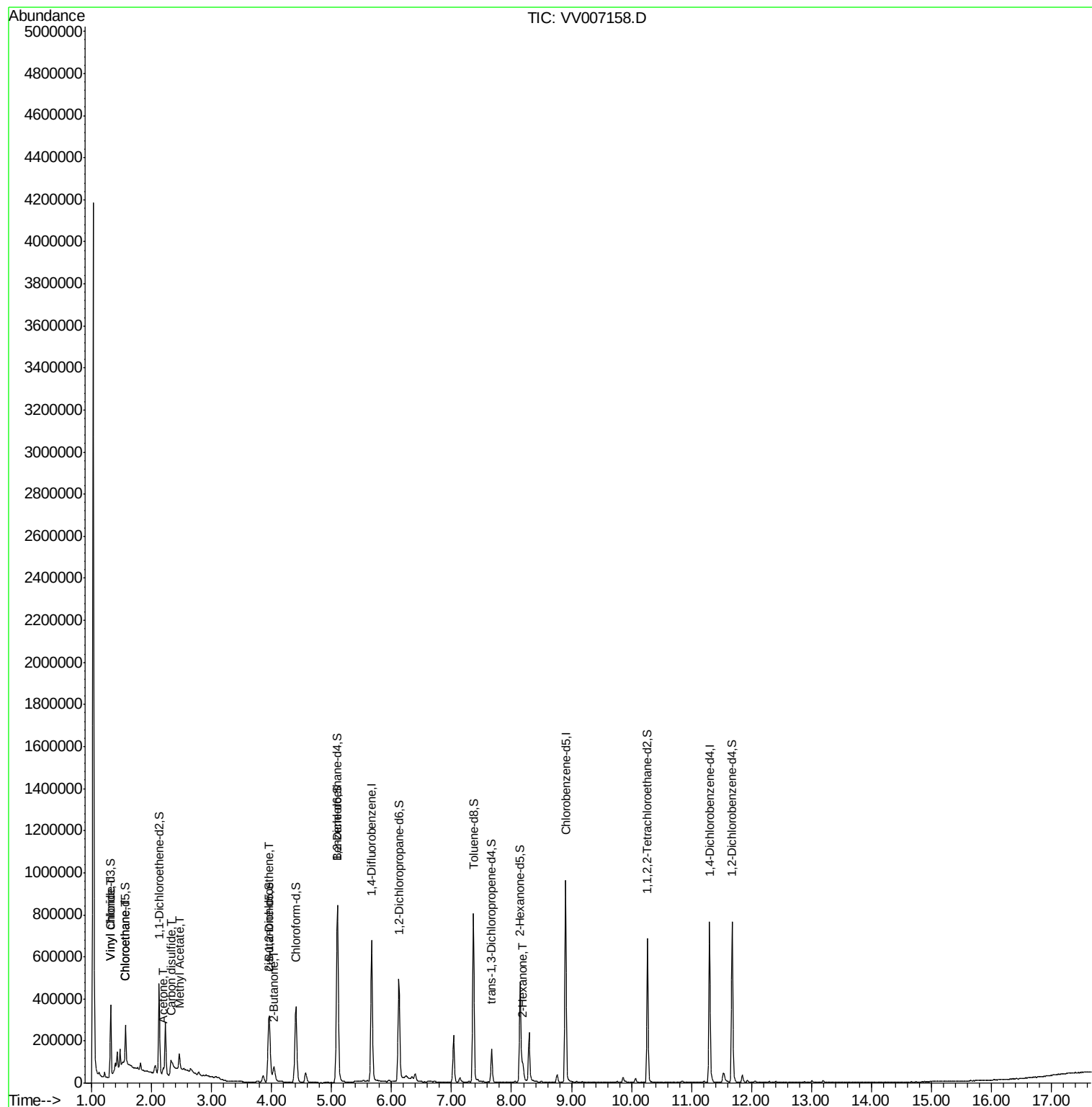
					Qvalue
5) Vinyl chloride	1.32	62	98439	18.228 ug/L	96
8) Chloroethane	1.57	64	26581	9.054 ug/L #	51
13) Acetone	2.20	43	27986	11.730 ug/L	96
14) Carbon disulfide	2.32	76	91329	7.909 ug/L	99
15) Methyl Acetate	2.46	43	77780	17.944 ug/L	100
20) cis-1,2-Dichloroethene	3.97	96	69992	14.671 ug/L	96
22) 2-Butanone	4.04	43	98820	26.217 ug/L	97
48) 2-Hexanone	8.19	43	37861	7.759 ug/L #	89

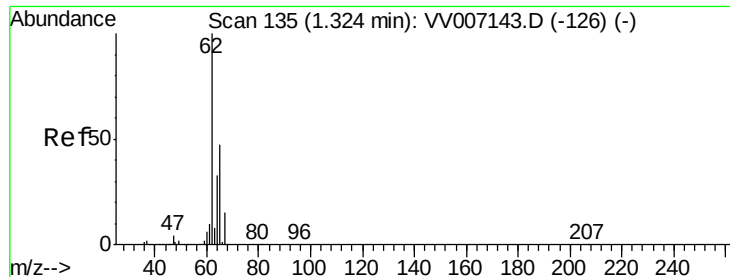
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 18.228 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007158.D

Acq: 23 Aug 2018 23:02

Instrument :

MSVOA_V

ClientSampled :

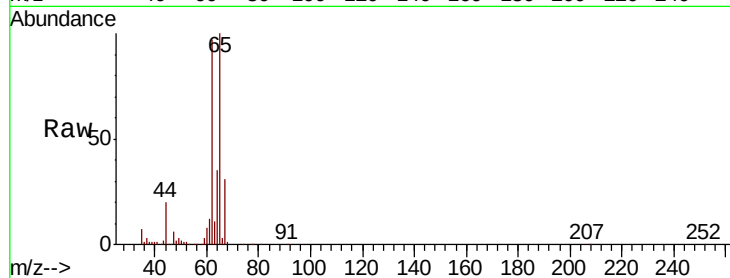
ETBK8

Tgt Ion: 62 Resp: 98439

Ion Ratio Lower Upper

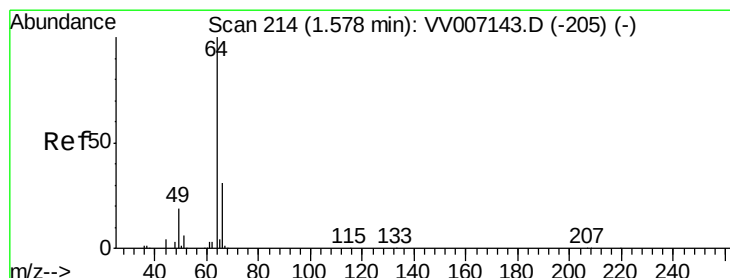
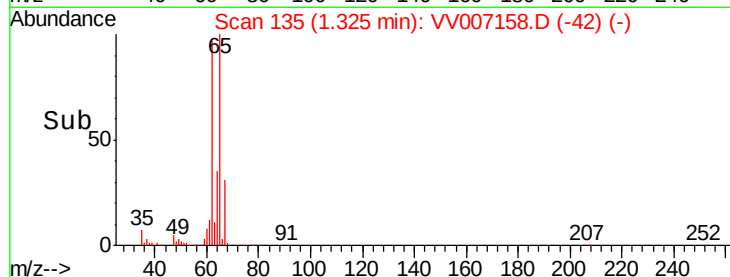
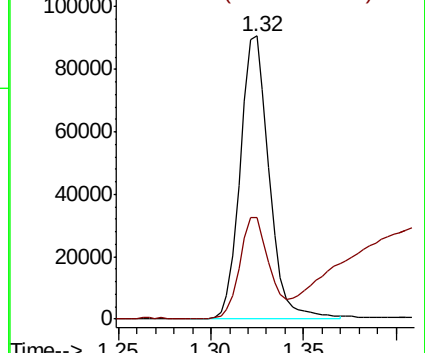
62 100

64 35.7 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#8

Chloroethane

Concen: 9.054 ug/L

RT: 1.57 min Scan# 210

Delta R.T. -0.01 min

Lab File: VV007158.D

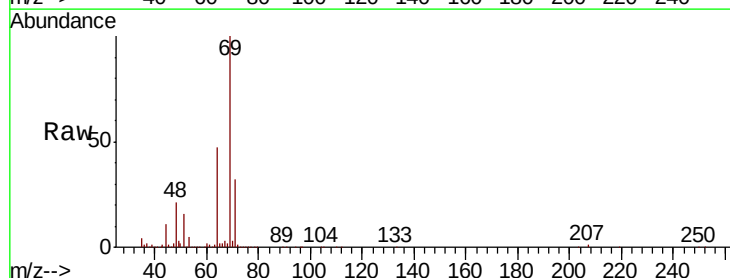
Acq: 23 Aug 2018 23:02

Tgt Ion: 64 Resp: 26581

Ion Ratio Lower Upper

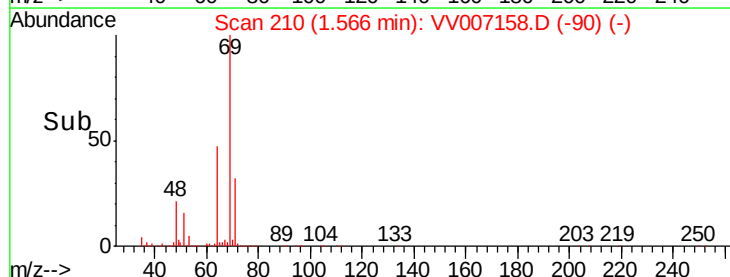
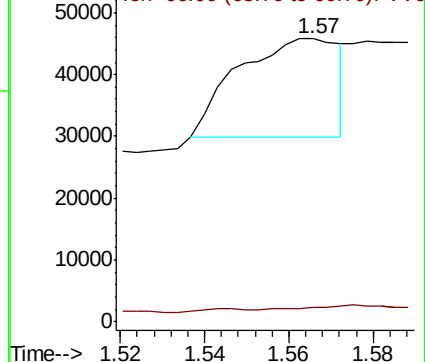
64 100

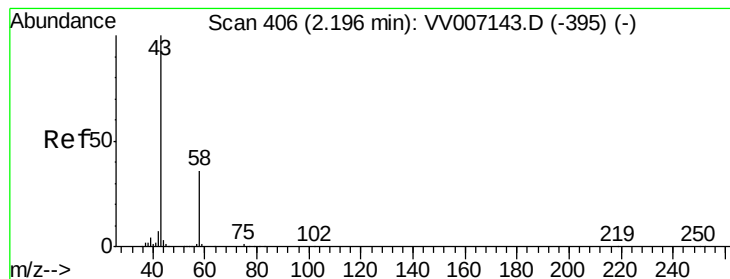
66 5.0 22.8 42.4#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#13

Acetone

Concen: 11.730 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV007158.D

Acq: 23 Aug 2018 23:02

Instrument :

MSVOA_V

ClientSampleId :

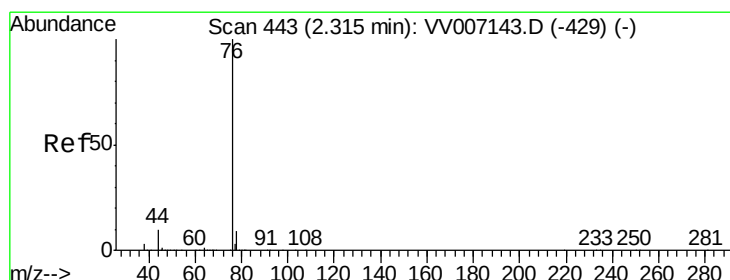
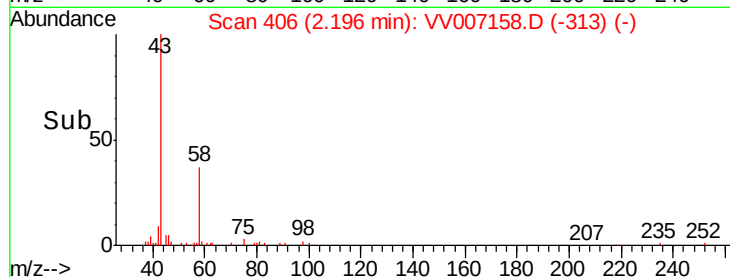
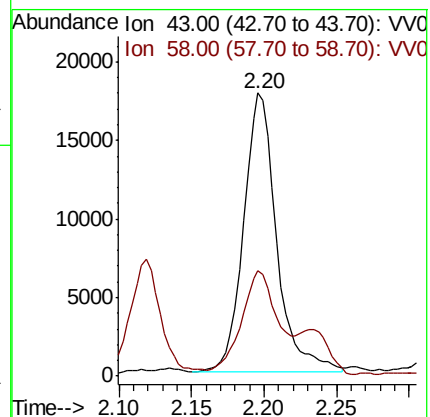
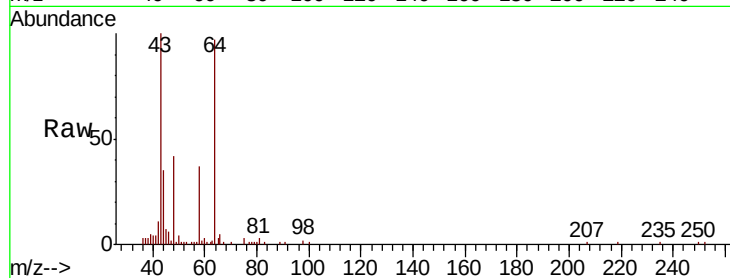
ETBK8

Tgt Ion: 43 Resp: 27986

Ion Ratio Lower Upper

43 100

58 38.7 0.0 73.0



#14

Carbon disulfide

Concen: 7.909 ug/L

RT: 2.32 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV007158.D

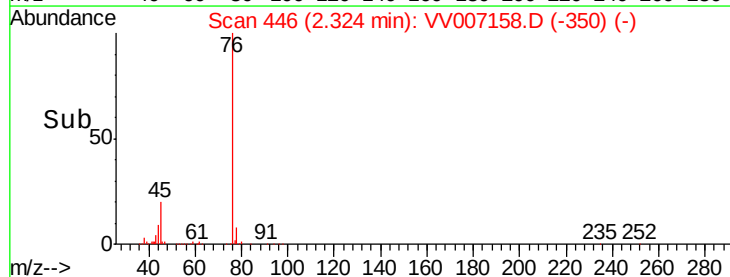
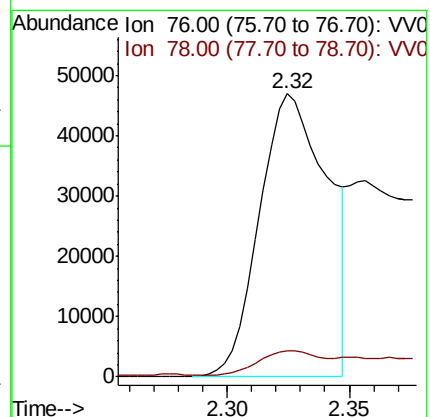
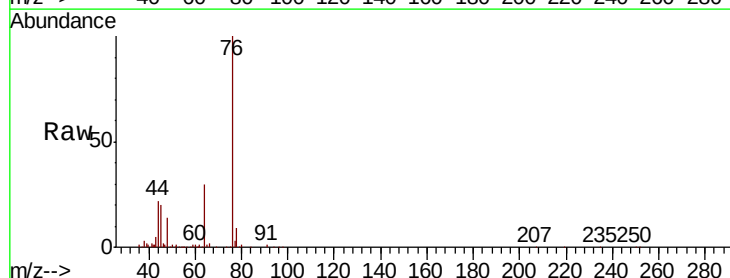
Acq: 23 Aug 2018 23:02

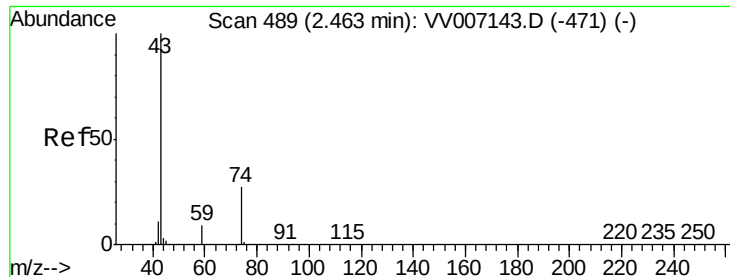
Tgt Ion: 76 Resp: 91329

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8





#15

Methyl Acetate

Concen: 17.944 ug/L

RT: 2.46 min Scan# 489

Delta R.T. 0.00 min

Lab File: VV007158.D

Acq: 23 Aug 2018 23:02

Instrument :

MSVOA_V

ClientSampled :

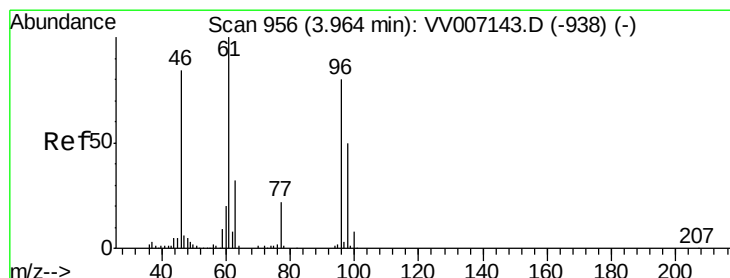
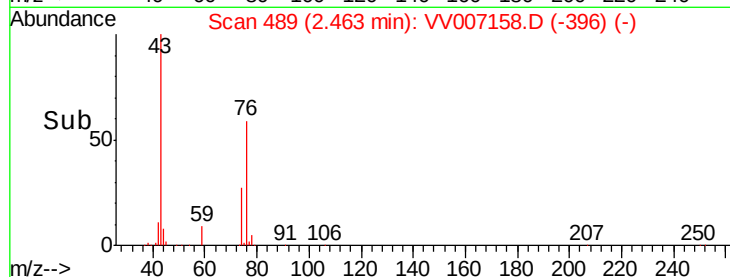
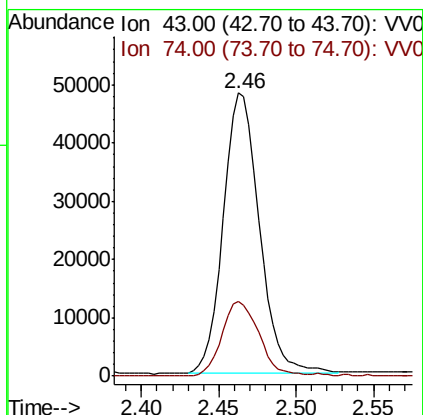
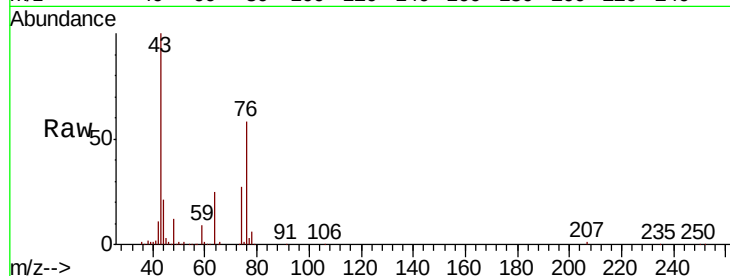
ETBK8

Tgt Ion: 43 Resp: 77780

Ion Ratio Lower Upper

43 100

74 27.5 22.2 33.2



#20

cis-1,2-Dichloroethene

Concen: 14.671 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007158.D

Acq: 23 Aug 2018 23:02

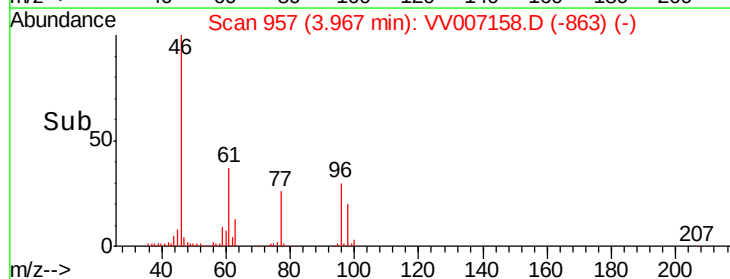
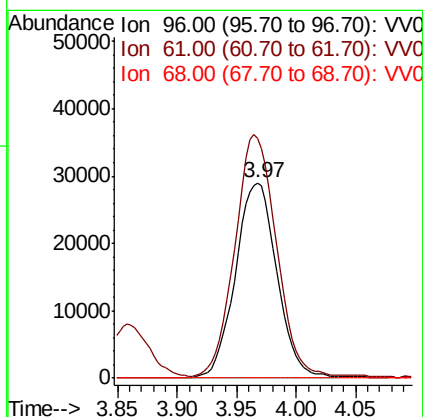
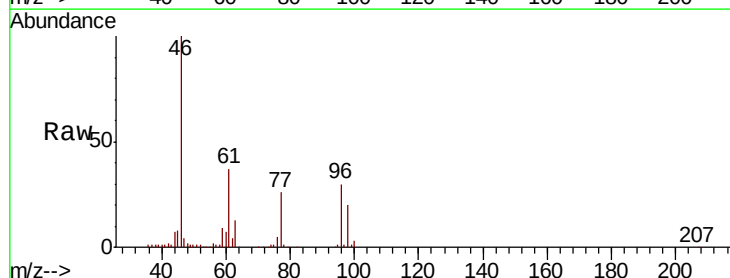
Tgt Ion: 96 Resp: 69992

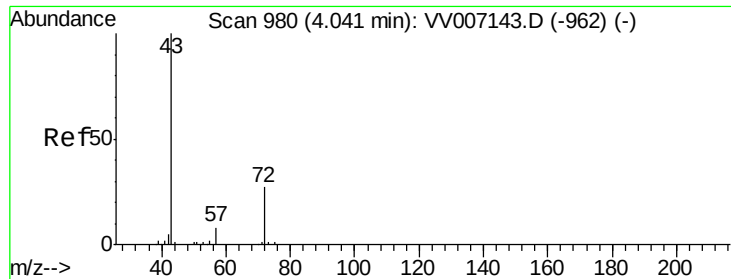
Ion Ratio Lower Upper

96 100

61 122.6 89.0 165.4

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 26.217 ug/L

RT: 4.04 min Scan# 980

Delta R.T. 0.00 min

Lab File: VV007158.D

Acq: 23 Aug 2018 23:02

Instrument :

MSVOA_V

ClientSampleId :

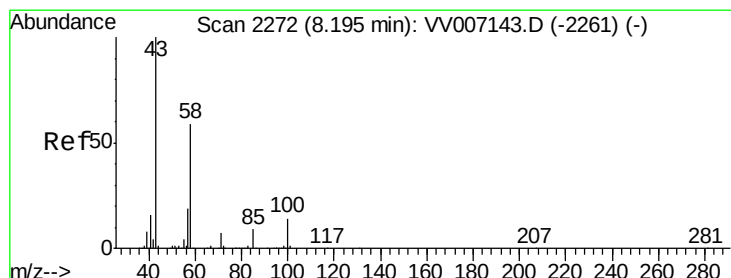
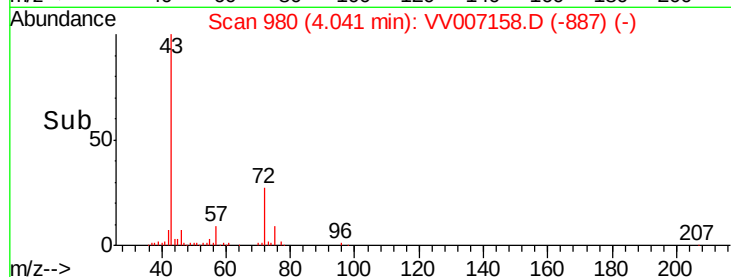
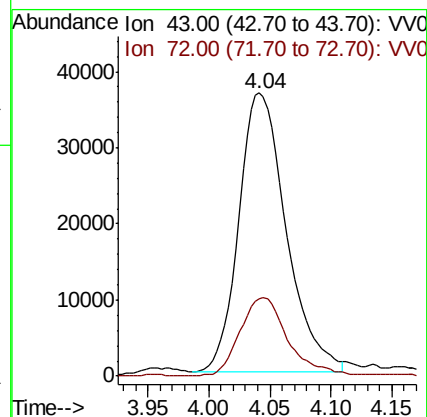
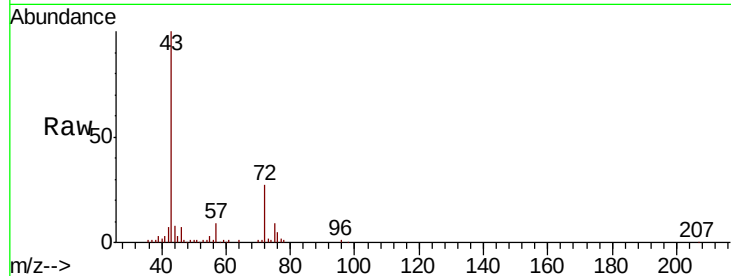
ETBK8

Tgt Ion: 43 Resp: 98820

Ion Ratio Lower Upper

43 100

72 28.6 13.6 40.8



#48

2-Hexanone

Concen: 7.759 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV007158.D

Acq: 23 Aug 2018 23:02

Tgt Ion: 43 Resp: 37861

Ion Ratio Lower Upper

43 100

58 49.4 47.9 71.9

57 21.0 15.8 23.8

100 10.3 10.6 16.0#

