

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
 Data File : VV007163.D
 Acq On : 24 Aug 2018 01:06
 Operator : SY/MD
 Sample : J4622-14
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBK6

Quant Time: Aug 24 02:12:59 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	582823	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	563045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	222957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	153265	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.68%
7) Chloroethane-d5	1.57	69	130147	55.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.50%
11) 1,1-Dichloroethene-d2	2.13	63	220434	32.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.00%
21) 2-Butanone-d5	3.95	46	380451	122.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.04%
24) Chloroform-d	4.40	84	368460	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	5.09	65	235304	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
32) Benzene-d6	5.10	84	723421	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
36) 1,2-Dichloropropane-d6	6.12	67	252038	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.38%
41) Toluene-d8	7.37	98	582183	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%
43) trans-1,3-Dichloropropene-	7.67	79	94755	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.14	63	199858	108.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	373875	49.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	234928	52.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

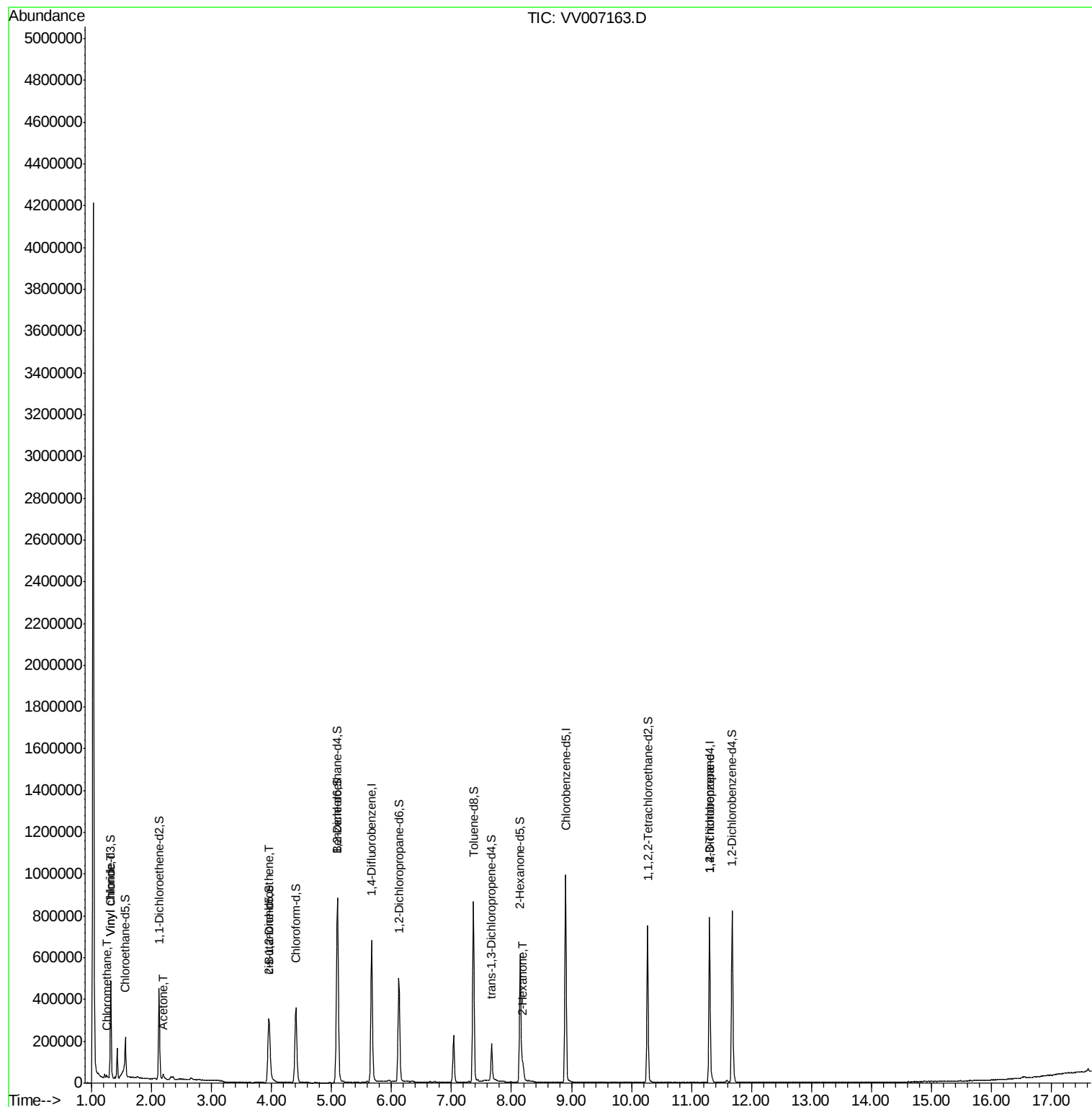
					Qvalue
3) Chloromethane	1.25	50	16490	2.446 ug/L	98
5) Vinyl chloride	1.32	62	181237	32.743 ug/L	100
13) Acetone	2.20	43	18628	7.618 ug/L	95
20) cis-1,2-Dichloroethene	3.96	96	49216	10.065 ug/L	94
48) 2-Hexanone	8.19	43	36208	7.155 ug/L #	91
59) 1,2,3-Trichloropropane	11.30	75	25711	3.866 ug/L	92

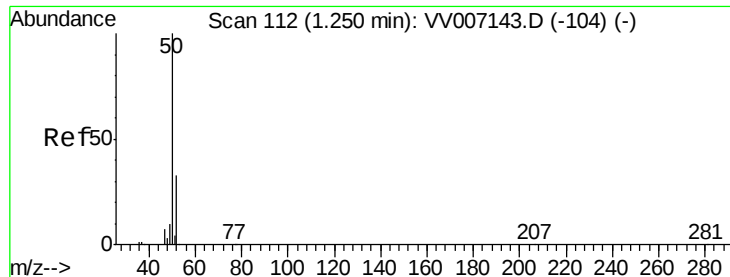
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.446 ug/L

RT: 1.25 min Scan# 112

Delta R.T. 0.00 min

Lab File: VV007163.D

Acq: 24 Aug 2018 01:06

Instrument :

MSVOA_V

ClientSampleId :

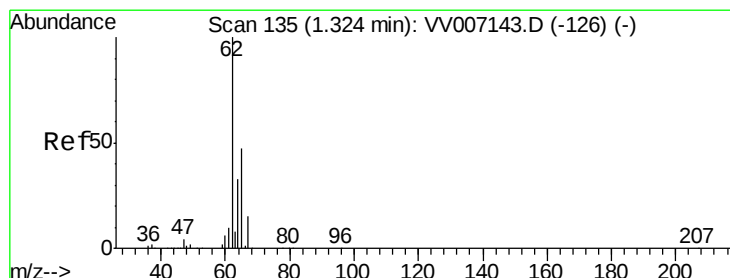
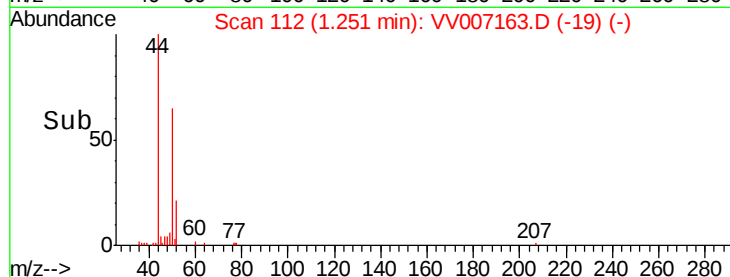
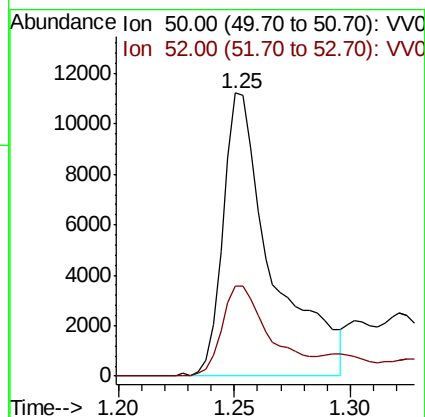
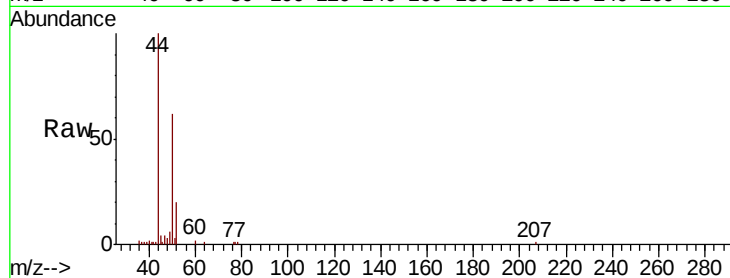
ETBK6

Tgt Ion: 50 Resp: 16490

Ion Ratio Lower Upper

50 100

52 31.9 23.0 42.8



#5

Vinyl chloride

Concen: 32.743 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007163.D

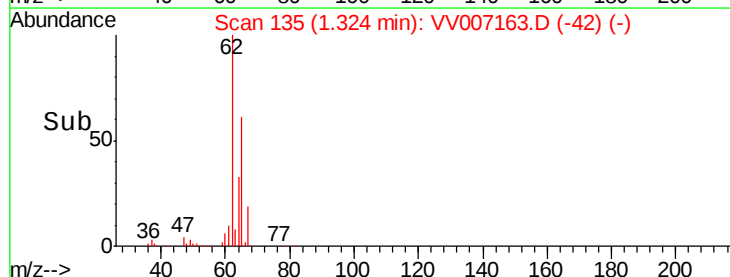
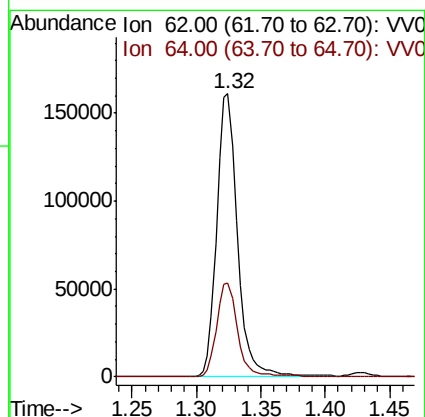
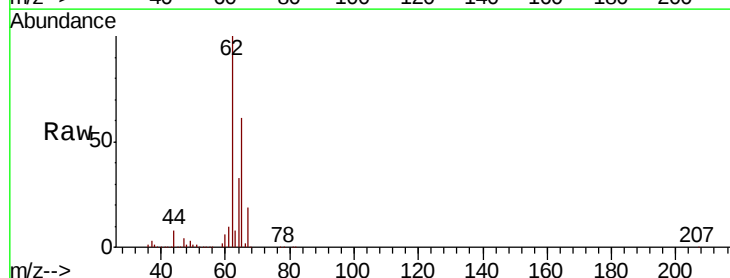
Acq: 24 Aug 2018 01:06

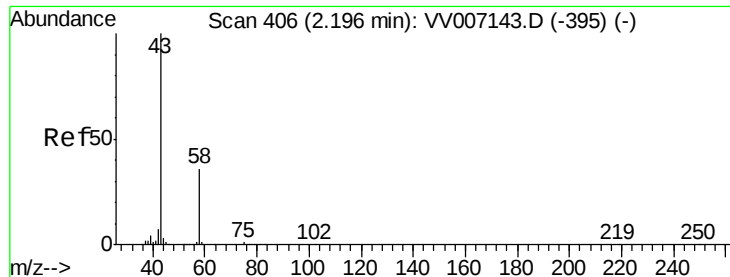
Tgt Ion: 62 Resp: 181237

Ion Ratio Lower Upper

62 100

64 33.4 23.4 43.4





#13

Acetone

Concen: 7.618 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV007163.D

Acq: 24 Aug 2018 01:06

Instrument :

MSVOA_V

ClientSampled :

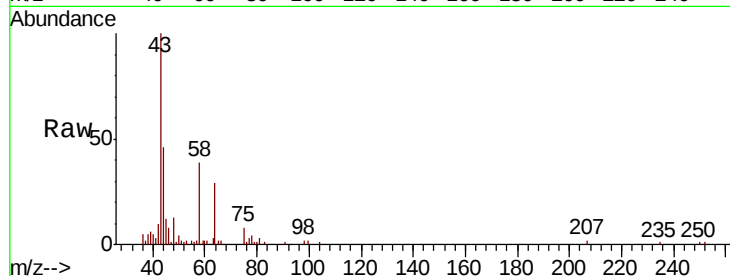
ETBK6

Tgt Ion: 43 Resp: 18628

Ion Ratio Lower Upper

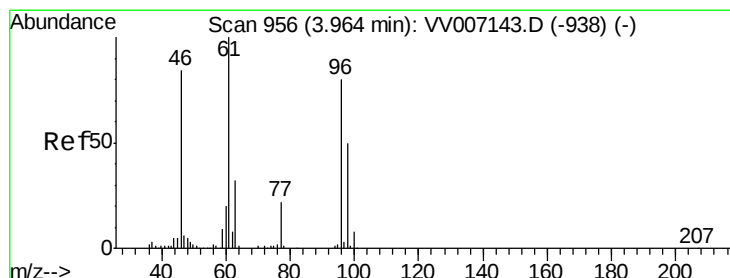
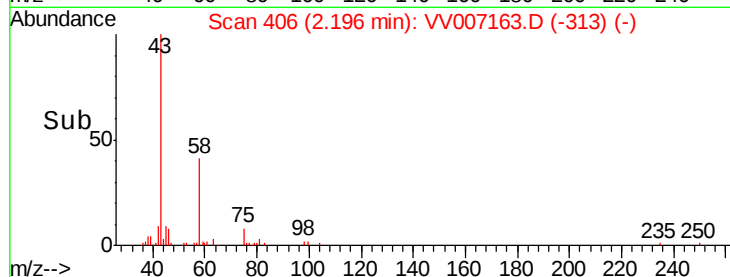
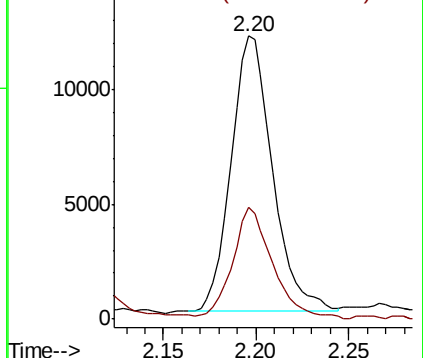
43 100

58 39.5 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VV007143.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VV007143.D (-395) (-)



#20

cis-1,2-Dichloroethene

Concen: 10.065 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV007163.D

Acq: 24 Aug 2018 01:06

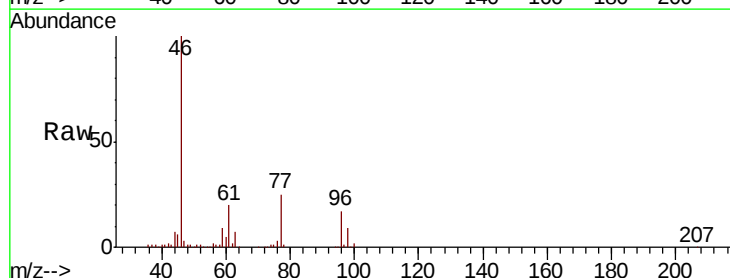
Tgt Ion: 96 Resp: 49216

Ion Ratio Lower Upper

96 100

61 120.7 89.0 165.4

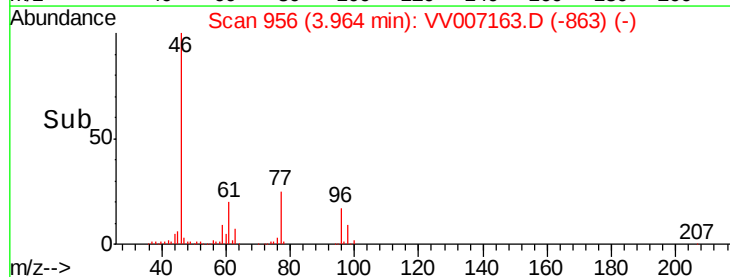
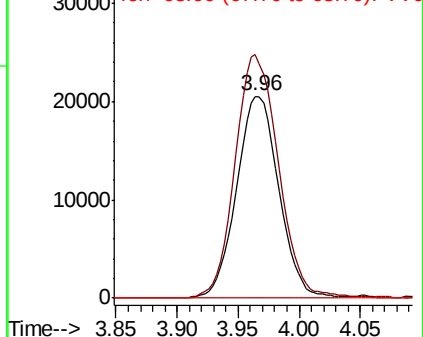
68 0.0 0.0 0.0

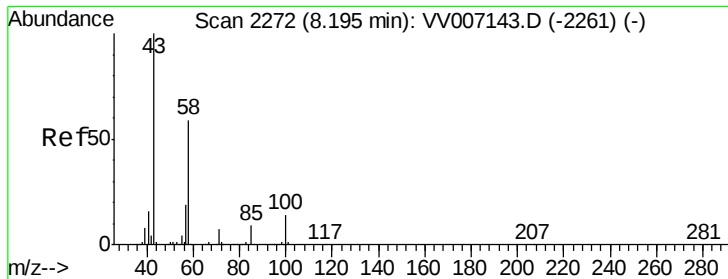


Abundance Ion 96.00 (95.70 to 96.70): VV007143.D (-938) (-)

Ion 61.00 (60.70 to 61.70): VV007143.D (-938) (-)

Ion 68.00 (67.70 to 68.70): VV007143.D (-938) (-)

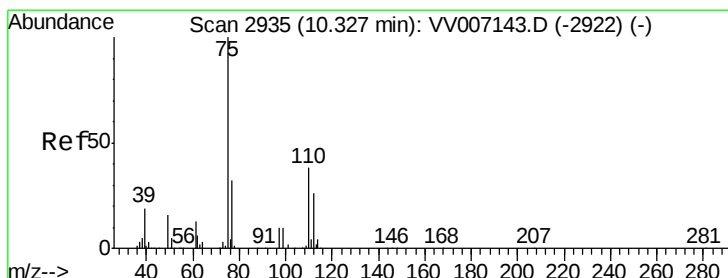
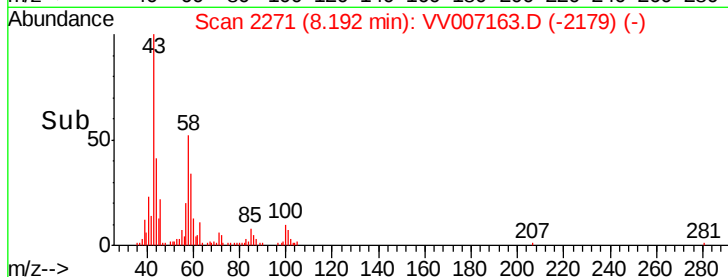
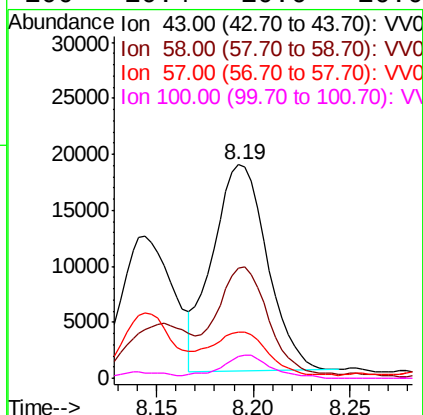
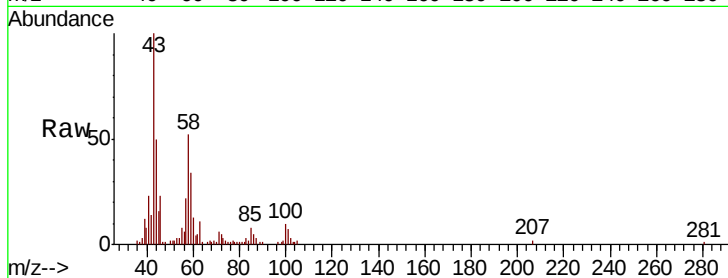




#48
 2-Hexanone
 Concen: 7.155 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV007163.D
 Acq: 24 Aug 2018 01:06

Instrument :
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 ETBK6

Tgt Ion: 43 Resp: 36208
 Ion Ratio Lower Upper
 43 100
 58 51.4 47.9 71.9
 57 19.0 15.8 23.8
 100 10.4 10.6 16.0#



#59
 1,2,3-Trichloropropane
 Concen: 3.866 ug/L
 RT: 11.30 min Scan# 3238
 Delta R.T. 0.97 min
 Lab File: VV007163.D
 Acq: 24 Aug 2018 01:06

Tgt Ion: 75 Resp: 25711
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.8 38.8

