

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
 Data File : VV007162.D
 Acq On : 24 Aug 2018 00:42
 Operator : SY/MD
 Sample : J4622-20
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBL2

Quant Time: Aug 24 02:12:53 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	590183	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	558465	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	219529	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	146632	39.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.06%
7) Chloroethane-d5	1.57	69	129966	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.98%
11) 1,1-Dichloroethene-d2	2.13	63	217994	31.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.48%
21) 2-Butanone-d5	3.95	46	292312	92.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.60%
24) Chloroform-d	4.41	84	361622	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
26) 1,2-Dichloroethane-d4	5.09	65	231224	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
32) Benzene-d6	5.10	84	715476	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	245461	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.62%
41) Toluene-d8	7.37	98	568900	41.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.32%
43) trans-1,3-Dichloropropene-	7.67	79	92551	42.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.20%
47) 2-Hexanone-d5	8.14	63	143806	78.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.77%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	326605	43.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	217971	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

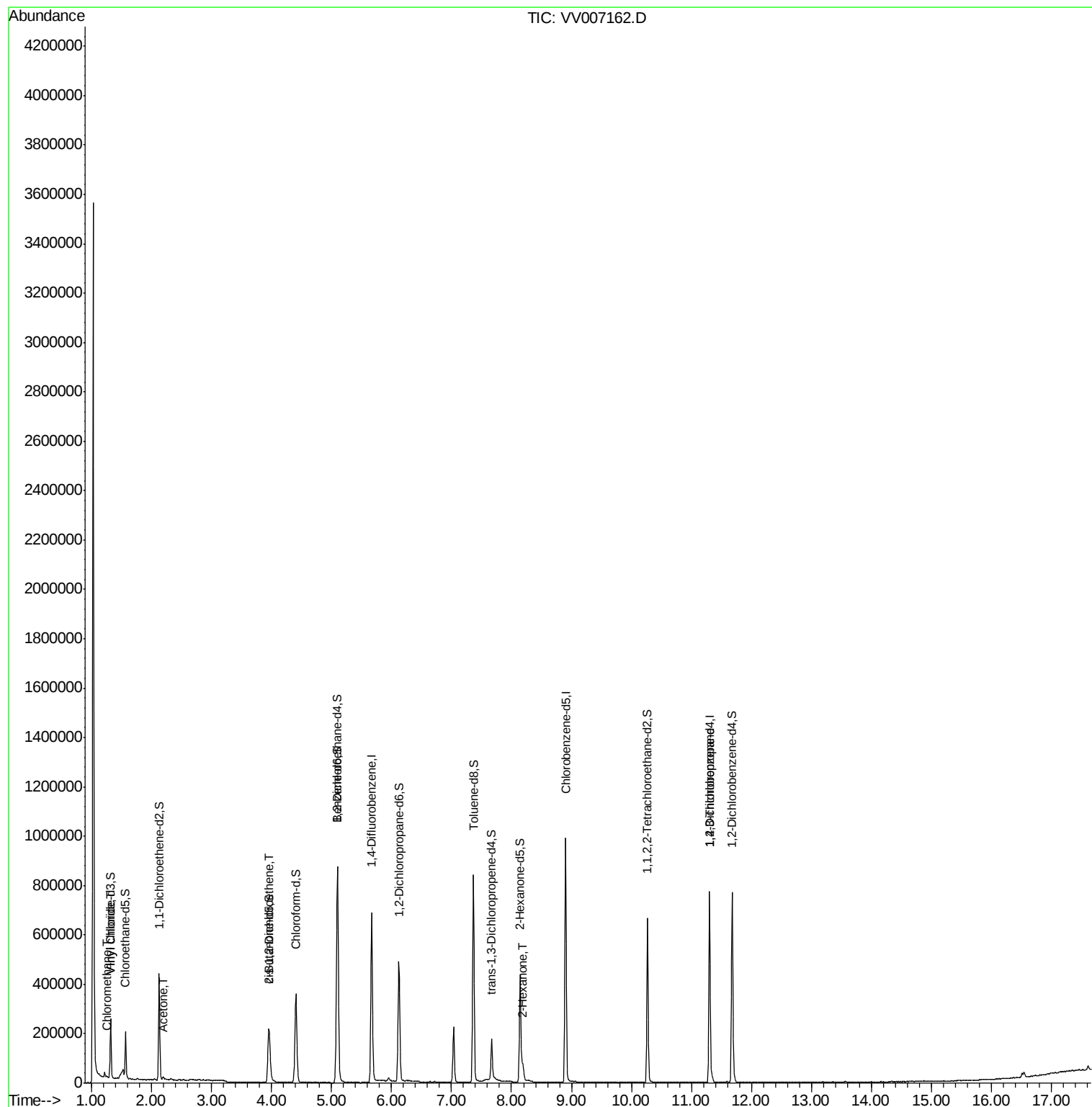
					Qvalue
3) Chloromethane	1.25	50	8722	1.277 ug/L	97
5) Vinyl chloride	1.32	62	22680	4.046 ug/L	88
13) Acetone	2.20	43	5365	2.167 ug/L	87
20) cis-1,2-Dichloroethene	3.97	96	27905	5.636 ug/L	95
48) 2-Hexanone	8.19	43	29589	5.895 ug/L #	89
59) 1,2,3-Trichloropropane	11.30	75	25458	3.860 ug/L	92

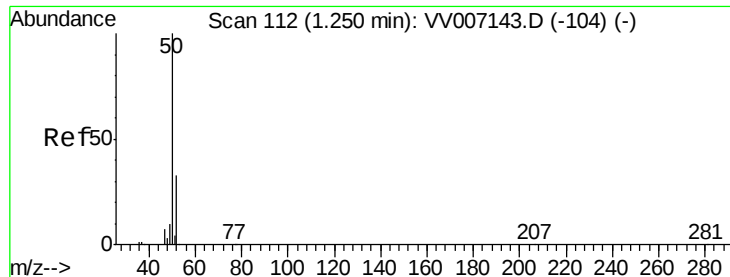
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.277 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV007162.D

Acq: 24 Aug 2018 00:42

Instrument :

MSVOA_V

ClientSampleId :

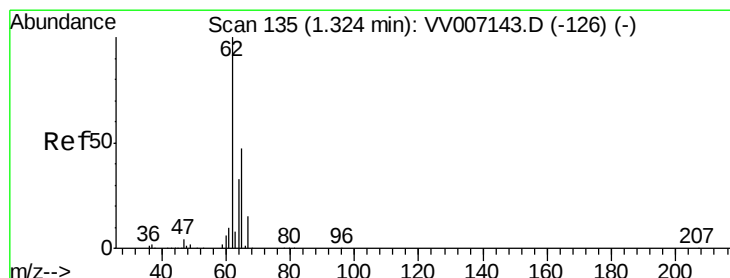
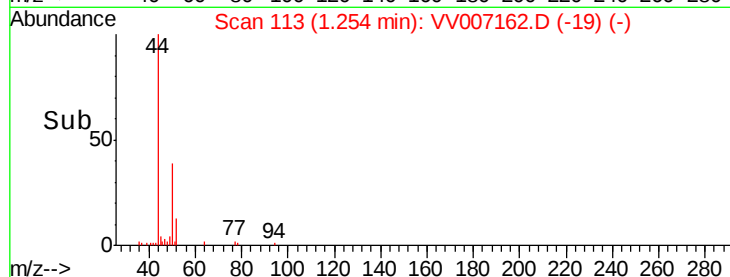
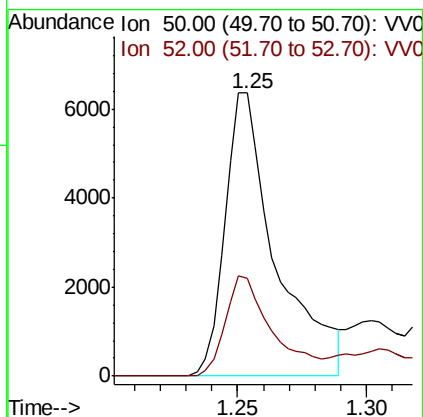
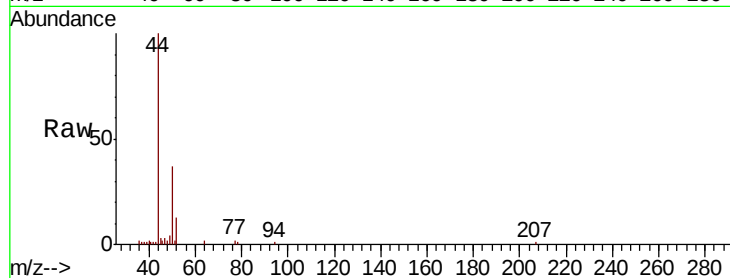
ETBL2

Tgt Ion: 50 Resp: 8722

Ion Ratio Lower Upper

50 100

52 34.5 23.0 42.8



#5

Vinyl chloride

Concen: 4.046 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007162.D

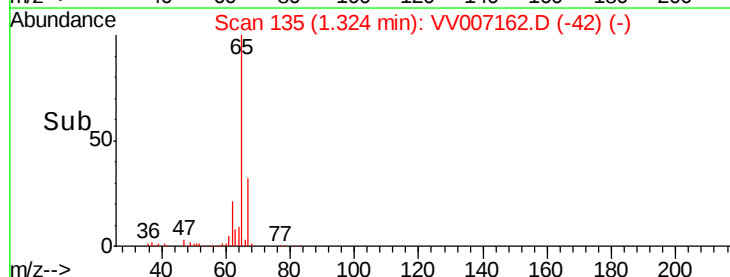
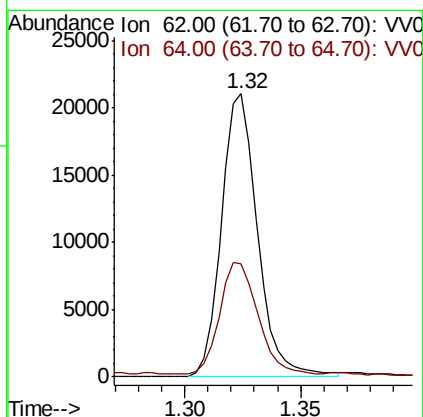
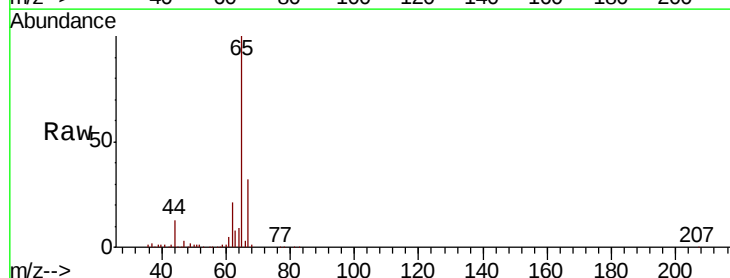
Acq: 24 Aug 2018 00:42

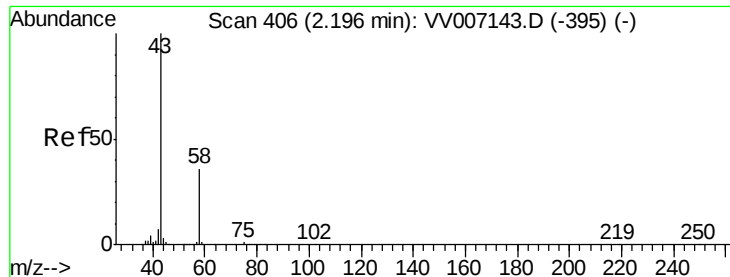
Tgt Ion: 62 Resp: 22680

Ion Ratio Lower Upper

62 100

64 40.1 23.4 43.4





#13

Acetone

Concen: 2.167 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

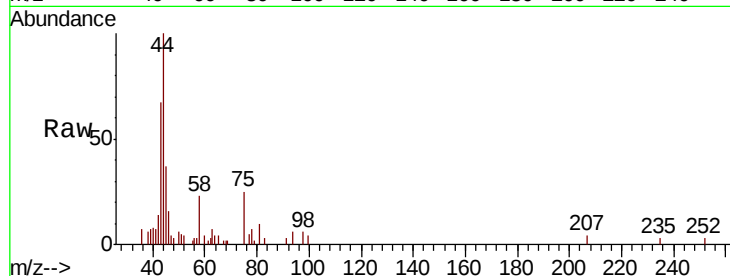
ETBL2

Tgt Ion: 43 Resp: 5365

Ion Ratio Lower Upper

43 100

58 44.3 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.20

4000

3000

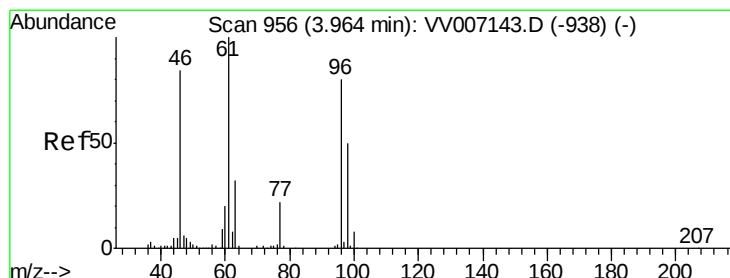
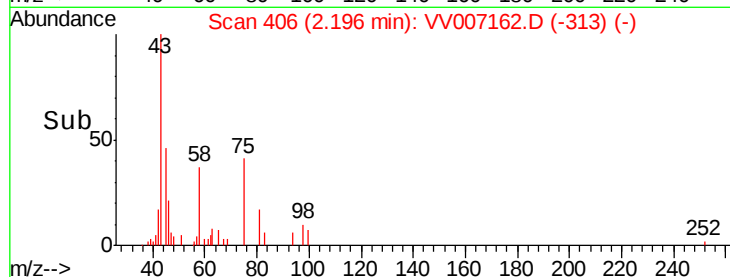
2000

1000

0

Time-->

2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 5.636 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007162.D

Acq: 24 Aug 2018 00:42

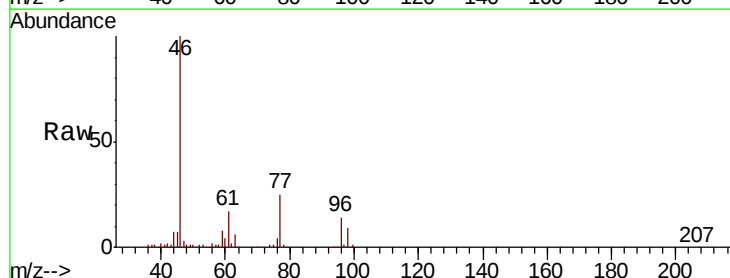
Tgt Ion: 96 Resp: 27905

Ion Ratio Lower Upper

96 100

61 122.0 89.0 165.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

20000

15000

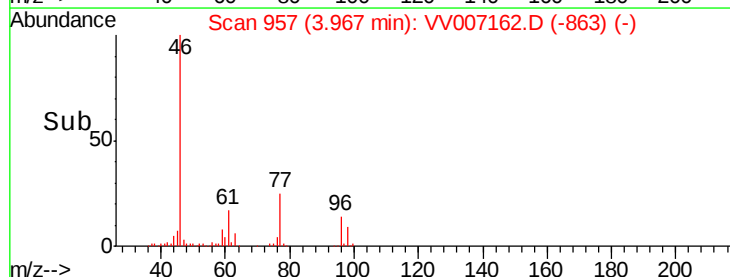
10000

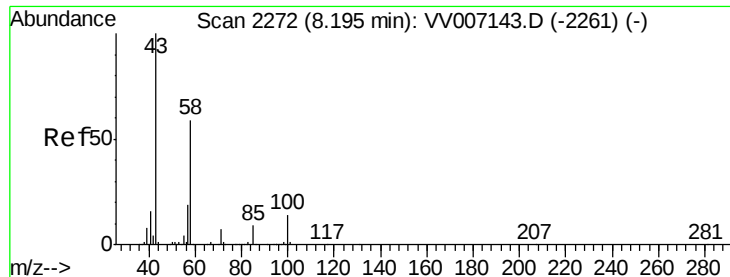
5000

0

Time-->

3.90 3.95 4.00 4.05

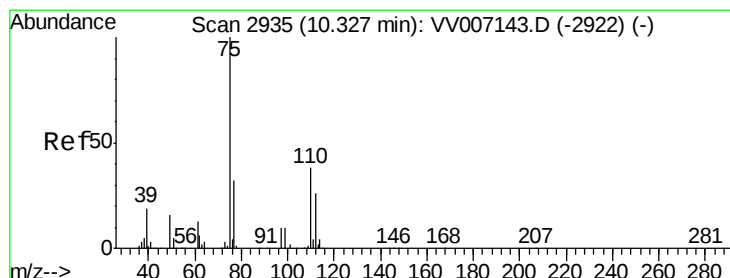
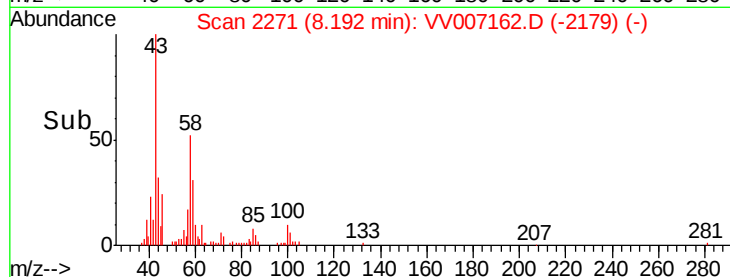
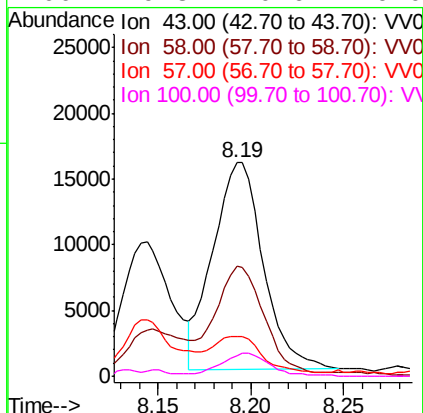
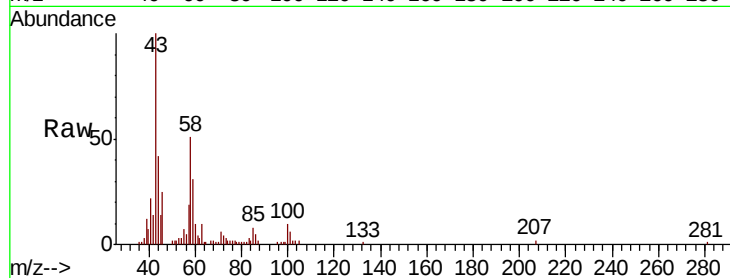




#48
 2-Hexanone
 Concen: 5.895 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV007162.D
 Acq: 24 Aug 2018 00:42

Instrument :
 MSVOA_V
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 ETBL2

Tgt Ion:	43	Resp:	29589
Ion	Ratio	Lower	Upper
43	100		
58	49.6	47.9	71.9
57	17.8	15.8	23.8
100	9.8	10.6	16.0#



#59
 1,2,3-Trichloropropane
 Concen: 3.860 ug/L
 RT: 11.30 min Scan# 3238
 Delta R.T. 0.97 min
 Lab File: VV007162.D
 Acq: 24 Aug 2018 00:42

Tgt Ion:	75	Resp:	25458
Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.8	38.8

