

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
 Data File : VV007156.D
 Acq On : 23 Aug 2018 22:13
 Operator : SY/MD
 Sample : J4622-13
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBK5

Quant Time: Aug 24 02:12:18 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	539158	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	512482	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	188346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141214	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.36%
7) Chloroethane-d5	1.71	69	145	0.07	ug/L	0.15
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.14%#
11) 1,1-Dichloroethene-d2	2.13	63	206406	32.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.80%
21) 2-Butanone-d5	3.95	46	282392	97.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	4.41	84	345052	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	218420	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
32) Benzene-d6	5.10	84	669209	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
36) 1,2-Dichloropropane-d6	6.12	67	232558	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.37	98	518465	41.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.74%
43) trans-1,3-Dichloropropene-	7.67	79	86334	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.60%
47) 2-Hexanone-d5	8.14	63	117751	70.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	308681	45.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	189774	50.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.22%

Target Compounds

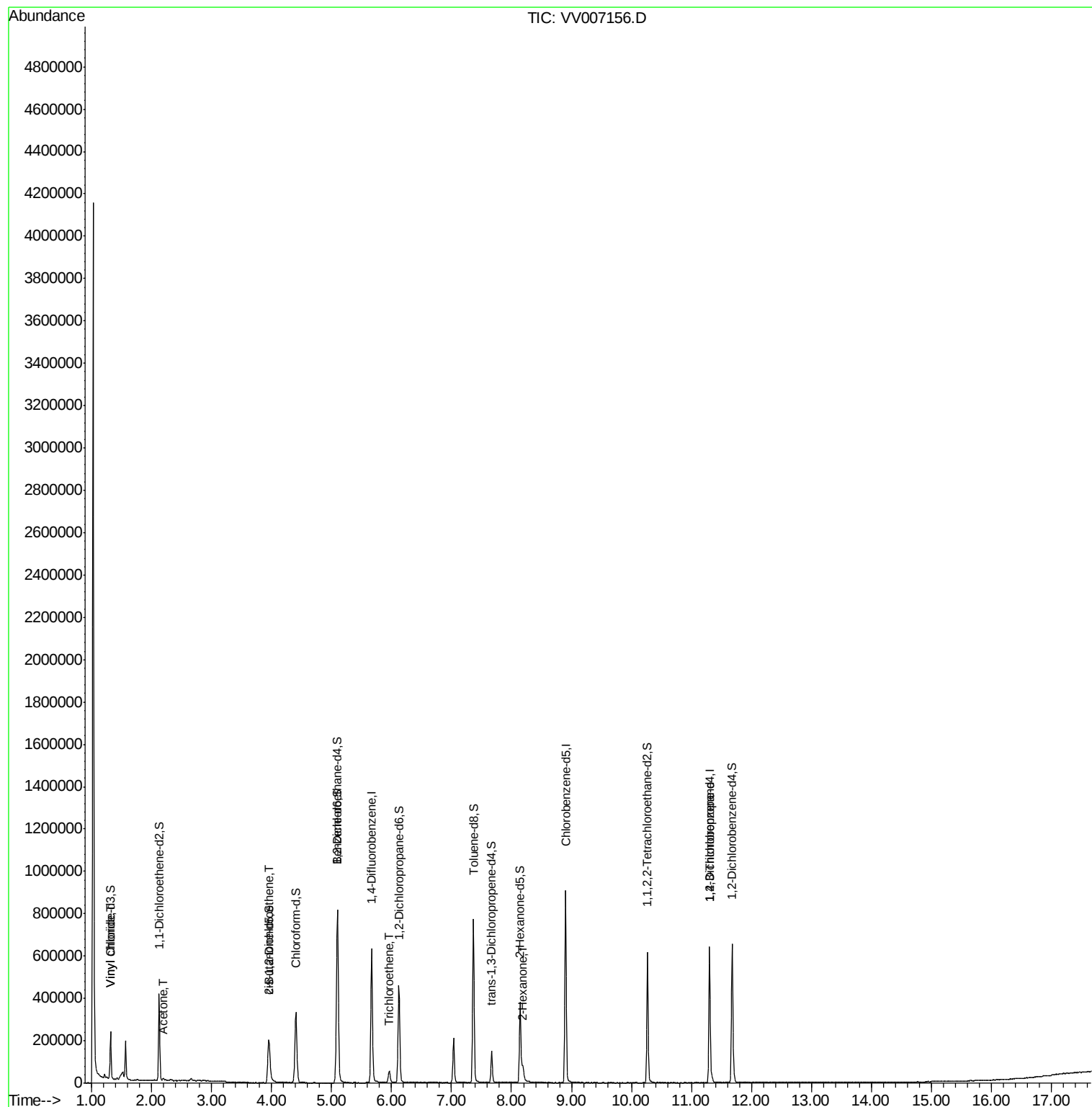
					Qvalue
5) Vinyl chloride	1.32	62	7235	1.413 ug/L #	74
13) Acetone	2.20	43	4049	1.790 ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	20827	4.604 ug/L	90
34) Trichloroethene	5.96	95	16823	4.043 ug/L	93
48) 2-Hexanone	8.19	43	34245	7.435 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	22663	3.744 ug/L	97

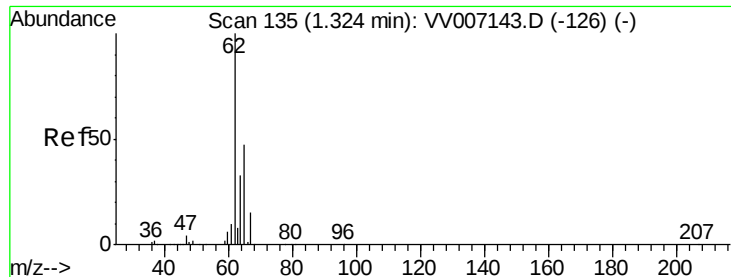
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 24 02:07:07 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.413 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007156.D

Acq: 23 Aug 2018 22:13

Instrument :

MSVOA_V

ClientSampleId :

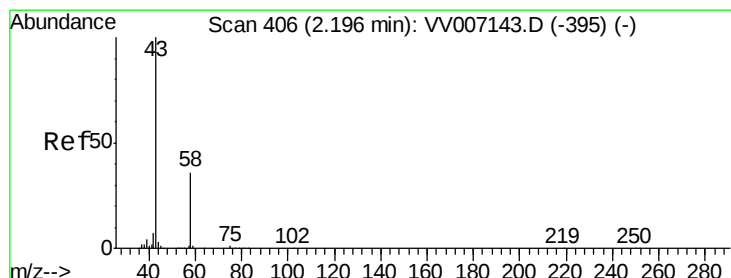
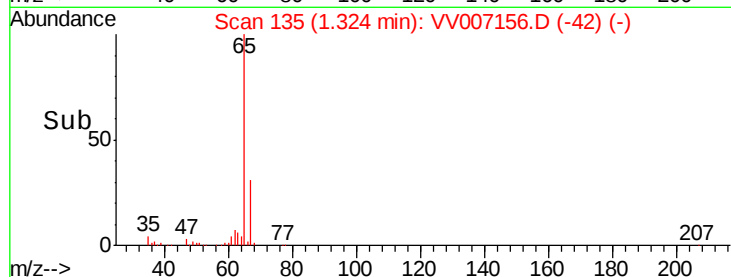
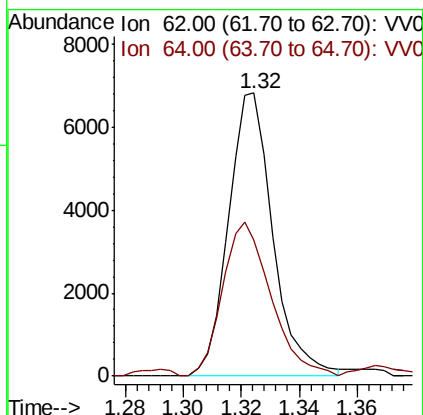
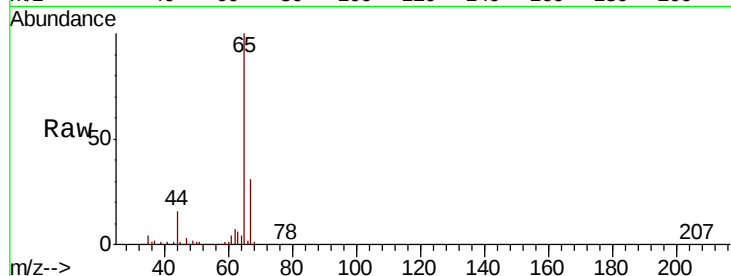
ETBK5

Tgt Ion: 62 Resp: 7235

Ion Ratio Lower Upper

62 100

64 48.0 23.4 43.4#



#13

Acetone

Concen: 1.790 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV007156.D

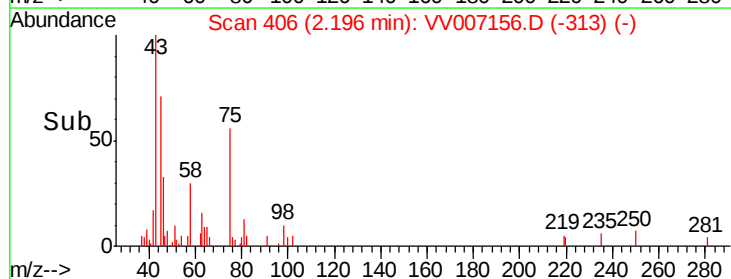
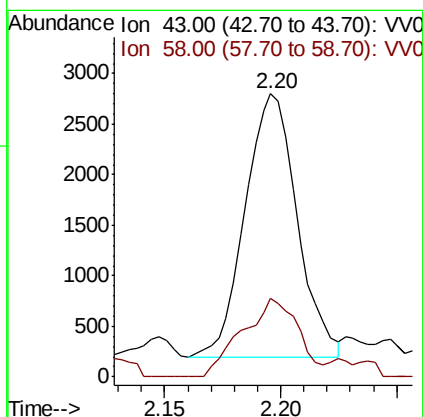
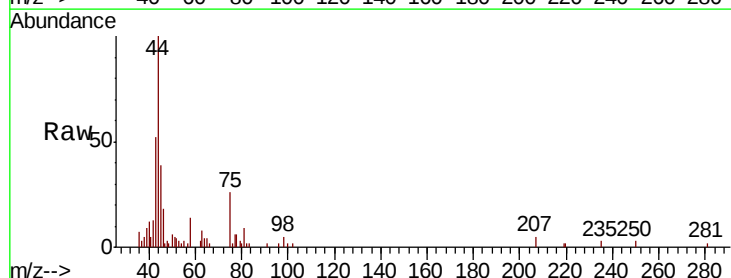
Acq: 23 Aug 2018 22:13

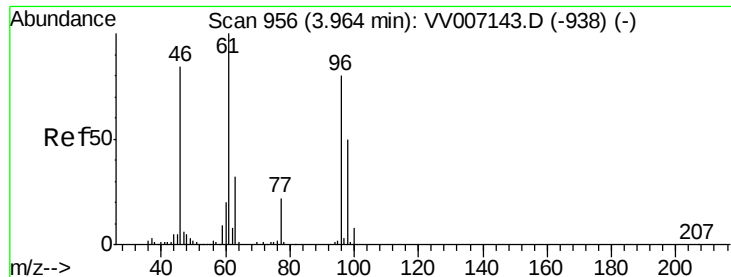
Tgt Ion: 43 Resp: 4049

Ion Ratio Lower Upper

43 100

58 32.5 0.0 73.0





#20

cis-1,2-Dichloroethene

Concen: 4.604 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV007156.D

Acq: 23 Aug 2018 22:13

Instrument :

MSVOA_V

ClientSampled :

ETBK5

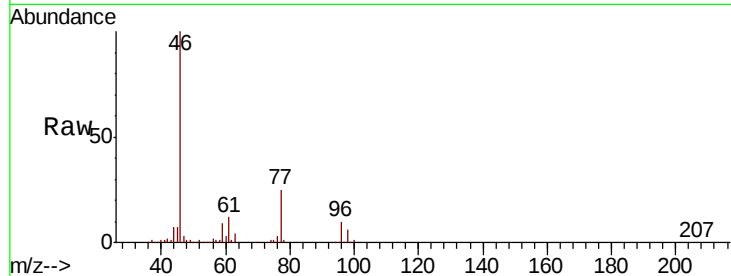
Tgt Ion: 96 Resp: 20827

Ion Ratio Lower Upper

96 100

61 116.2 89.0 165.4

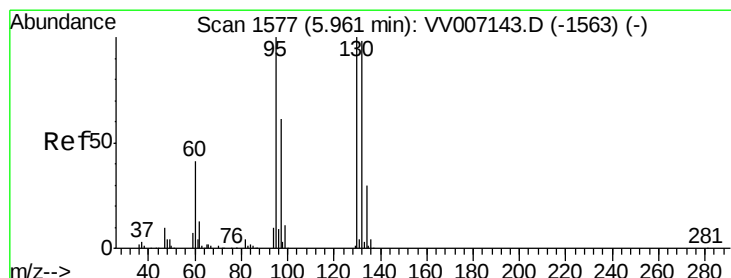
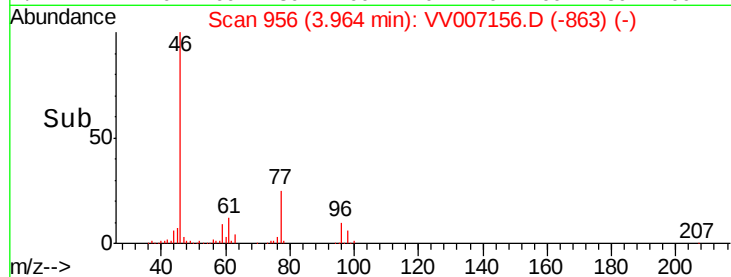
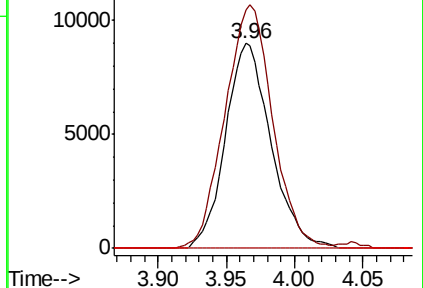
68 0.0 0.0 0.0



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) (-)



#34

Trichloroethene

Concen: 4.043 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007156.D

Acq: 23 Aug 2018 22:13

Tgt Ion: 95 Resp: 16823

Ion Ratio Lower Upper

95 100

97 59.6 45.1 83.9

132 91.7 69.7 129.4

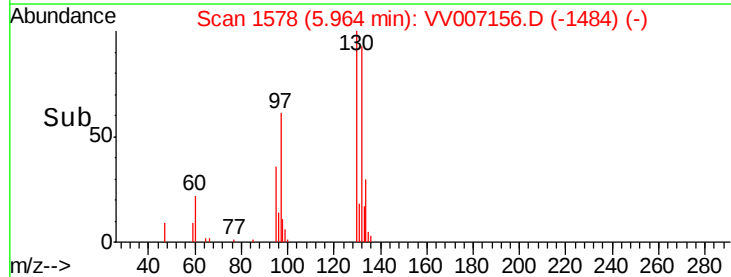
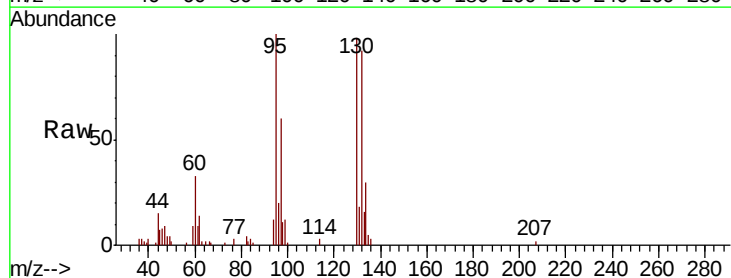
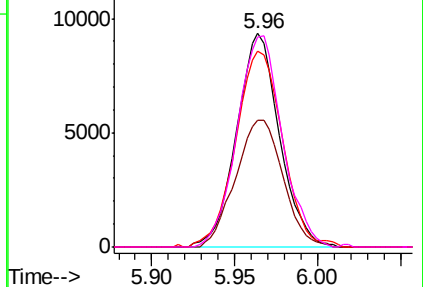
130 98.4 73.6 136.6

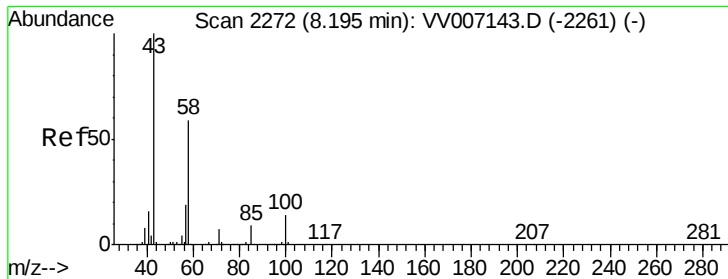
Abundance Ion 95.00 (94.70 to 95.70): VV007143.D (-1563) (-)

Ion 97.00 (96.70 to 97.70): VV007143.D (-1563) (-)

Ion 132.00 (131.70 to 132.70): VV007143.D (-1563) (-)

Ion 130.00 (129.70 to 130.70): VV007143.D (-1563) (-)

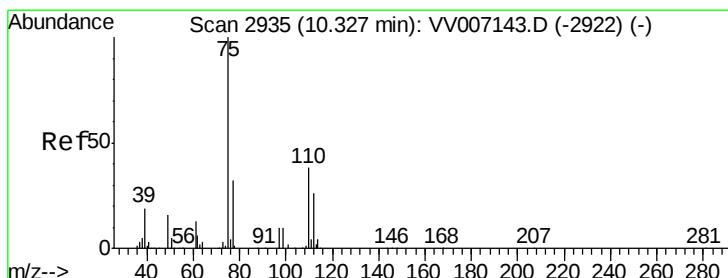
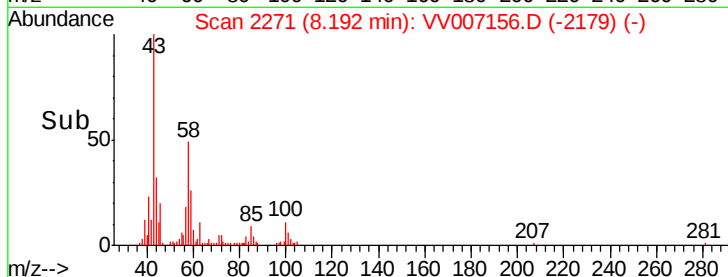
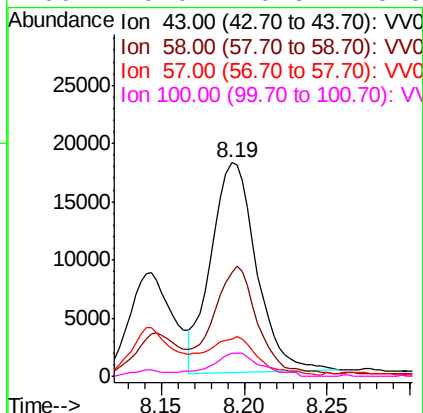
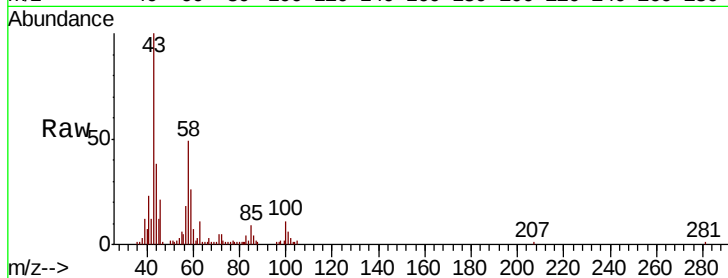




#48
 2-Hexanone
 Concen: 7.435 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV007156.D
 Acq: 23 Aug 2018 22:13

Instrument :
 MSVOA_V
 ClientSampled :
 ETBK5

Tgt Ion: 43 Resp: 34245
 Ion Ratio Lower Upper
 43 100
 58 49.4 47.9 71.9
 57 17.1 15.8 23.8
 100 9.0 10.6 16.0#



#59
 1,2,3-Trichloropropane
 Concen: 3.744 ug/L
 RT: 11.30 min Scan# 3238
 Delta R.T. 0.97 min
 Lab File: VV007156.D
 Acq: 23 Aug 2018 22:13

Tgt Ion: 75 Resp: 22663
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.8 38.8

