

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007197.D
 Acq On : 25 Aug 2018 12:24
 Operator : SY/MD
 Sample : J4622-01 20X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:24:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 01:23:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	651750	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	664745	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	272978	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	228755	49.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.94%
7) Chloroethane-d5	1.58	69	192107	51.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.50%
11) 1,1-Dichloroethene-d2	2.13	63	316272	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.42%
21) 2-Butanone-d5	3.96	46	358653	105.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.12%
24) Chloroform-d	4.40	84	463264	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
26) 1,2-Dichloroethane-d4	5.09	65	285646	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.32%
32) Benzene-d6	5.10	84	937203	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.26%
36) 1,2-Dichloropropane-d6	6.12	67	309402	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.86%
41) Toluene-d8	7.36	98	763165	45.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.67	79	122783	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.68%
47) 2-Hexanone-d5	8.14	63	151417	77.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	405000	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	303991	53.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.72%

Target Compounds

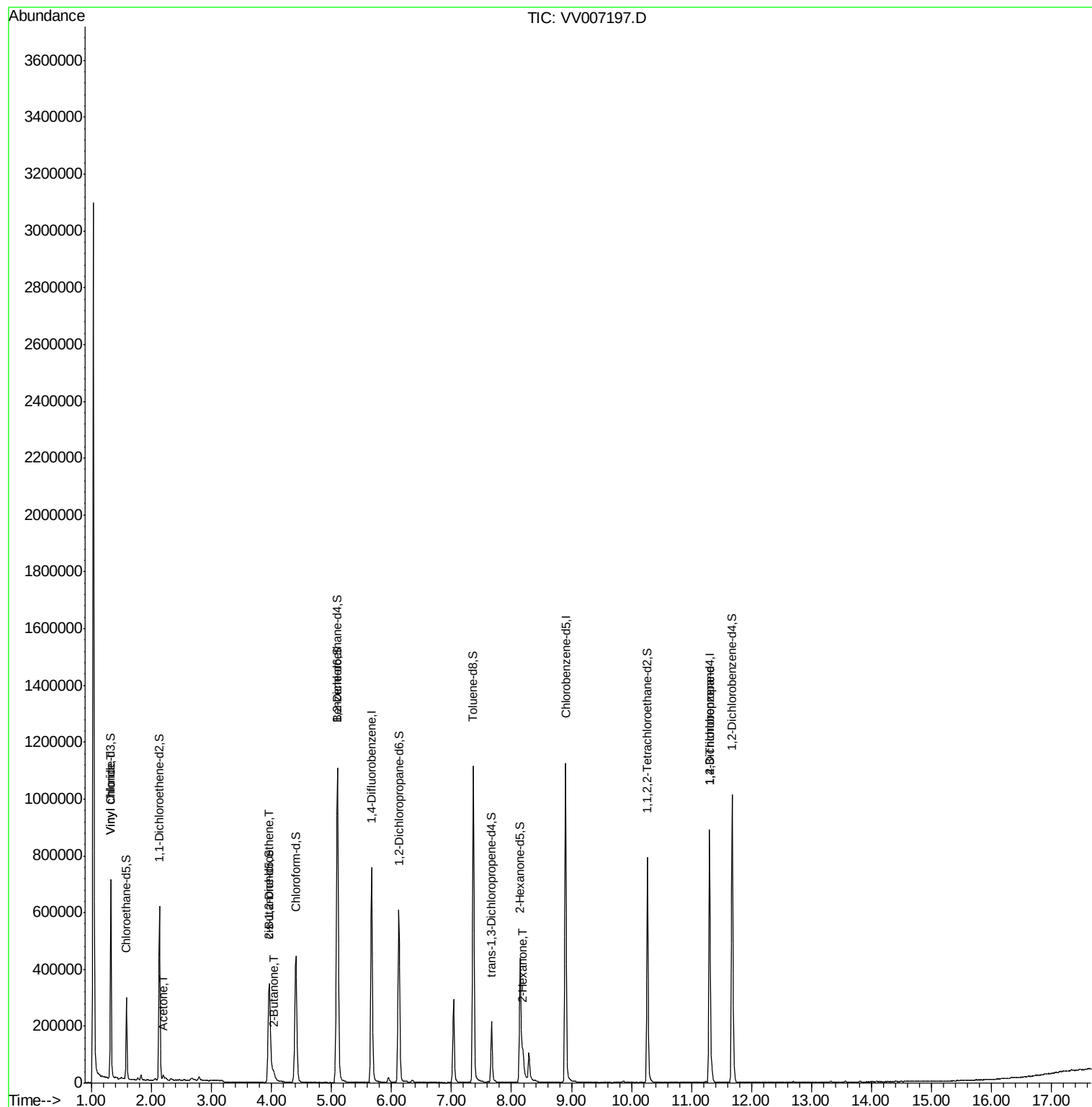
					Ovalue
5) Vinyl chloride	1.32	62	258991	47.264	ug/L 100
13) Acetone	2.20	43	10598	4.207	ug/L 80
20) cis-1,2-Dichloroethene	3.96	96	92360	18.162	ug/L 99
22) 2-Butanone	4.04	43	15464	3.944	ug/L 99
48) 2-Hexanone	8.19	43	48018	9.550	ug/L 90
59) 1,2,3-Trichloropropane	11.30	75	31518	4.707	ug/L 92

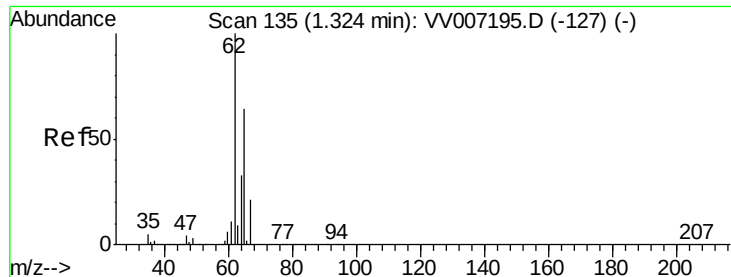
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Aug 27 01:23:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 47.264 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007197.D

Acq: 25 Aug 2018 12:24

Instrument :

MSVOA_V

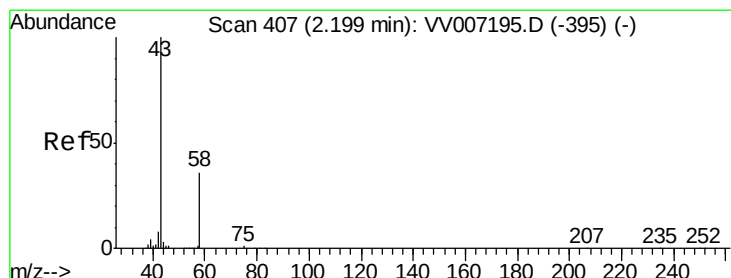
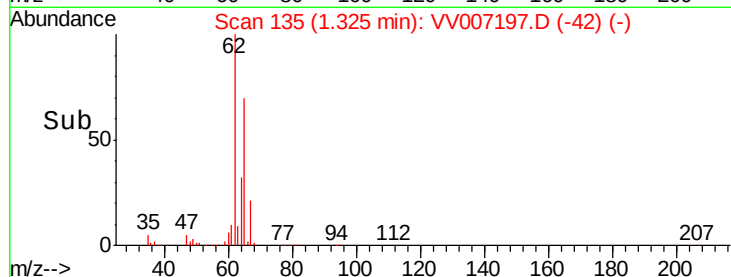
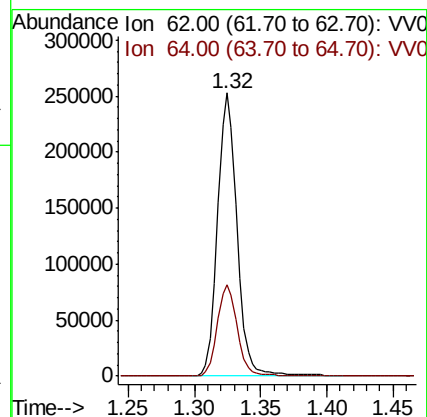
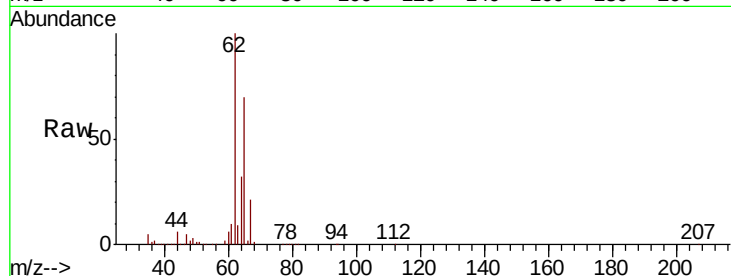
ClientSampled :

Tot Ion: 62 Resp: 258991

Ion Ratio Lower Upper

62 100

64 32.5 22.9 42.5



#13

Acetone

Concen: 4.207 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.00 min

Lab File: VV007197.D

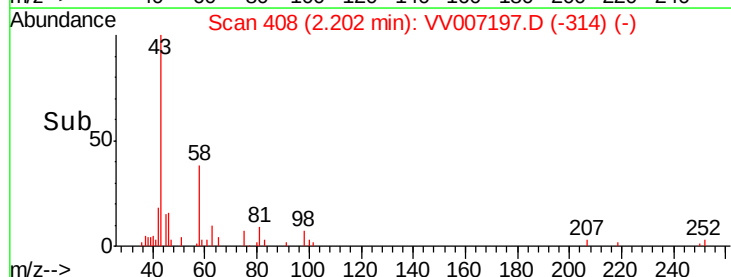
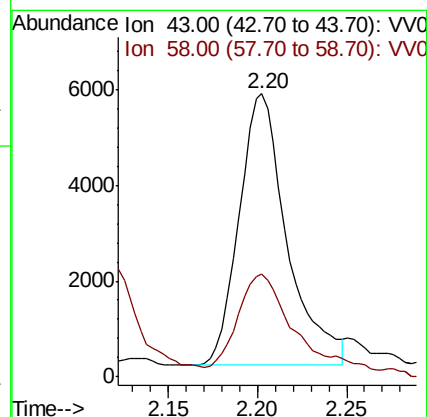
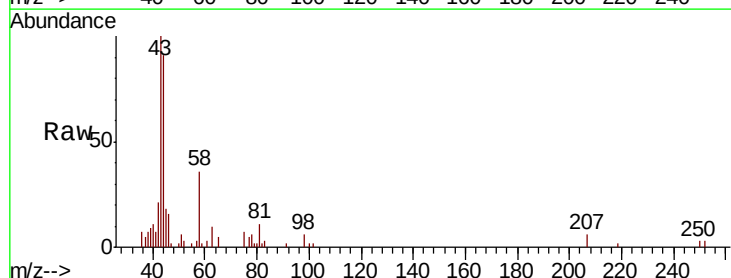
Acq: 25 Aug 2018 12:24

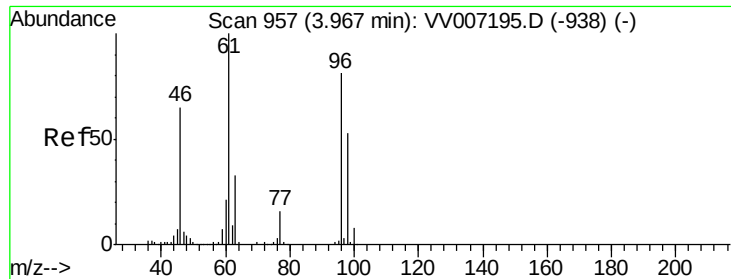
Tgt Ion: 43 Resp: 10598

Ion Ratio Lower Upper

43 100

58 47.8 0.0 72.0

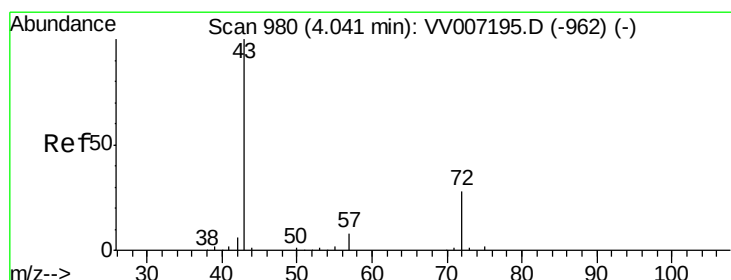
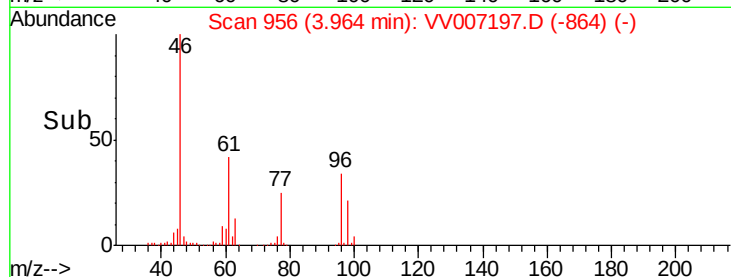
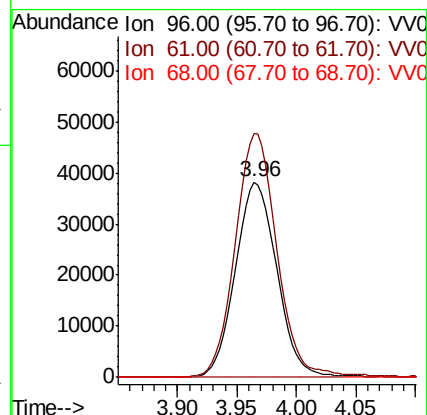
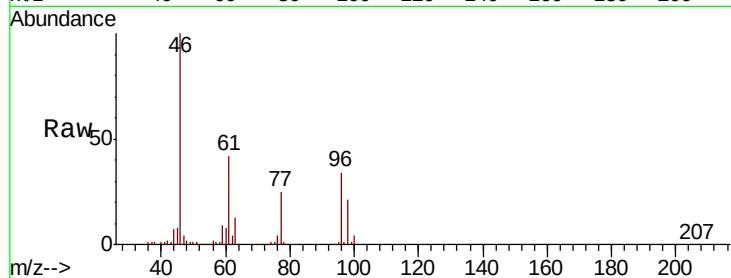




#20
 cis-1,2-Dichloroethene
 Concen: 18.162 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VV007197.D
 Acq: 25 Aug 2018 12:24

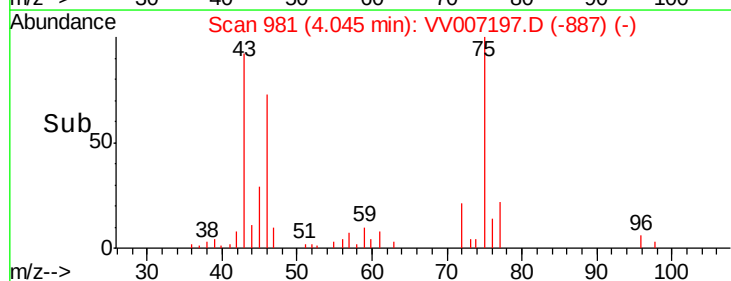
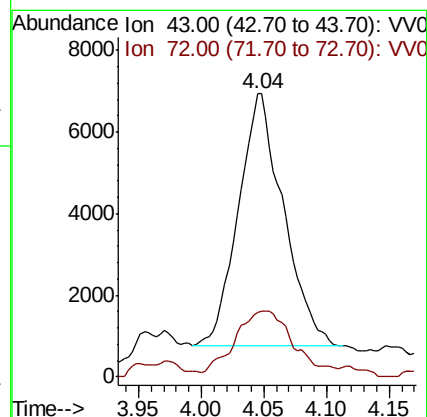
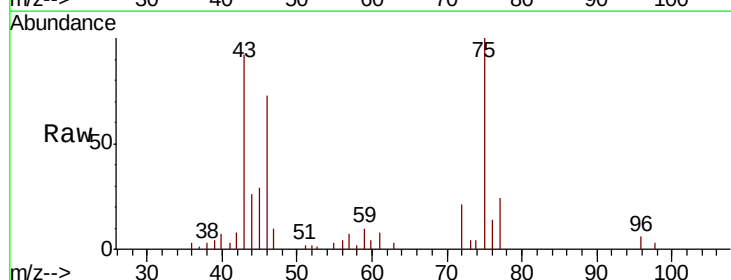
Instrument :
 MSVOA_V
 ClientSampled :

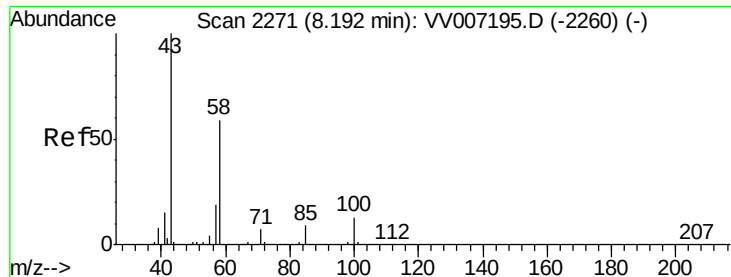
Tot Ion: 96 Resp: 92360
 Ion Ratio Lower Upper
 96 100
 61 124.8 88.2 163.8
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 3.944 ug/L
 RT: 4.04 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VV007197.D
 Acq: 25 Aug 2018 12:24

Tgt Ion: 43 Resp: 15464
 Ion Ratio Lower Upper
 43 100
 72 27.3 13.4 40.1

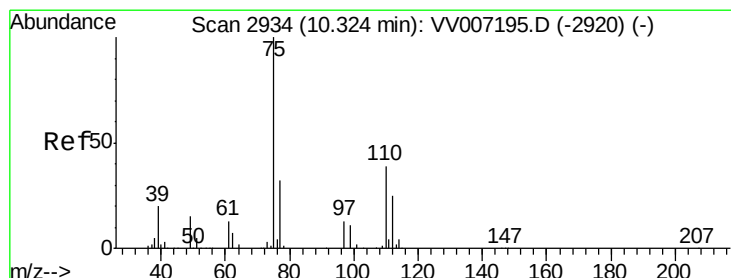
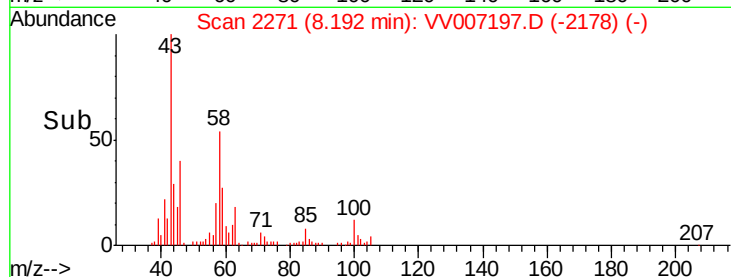
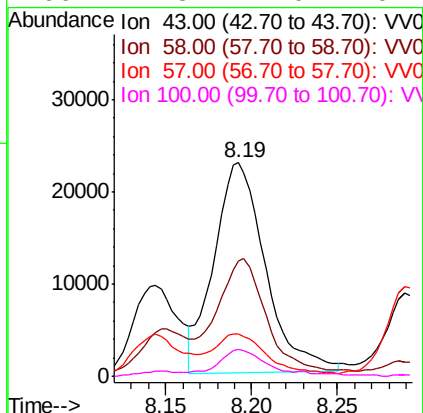
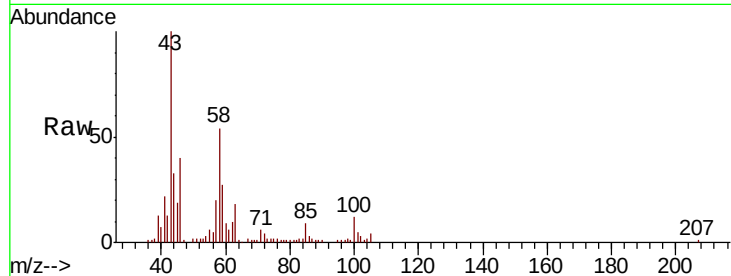




#48
 2-Hexanone
 Concen: 9.550 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VV007197.D
 Acq: 25 Aug 2018 12:24

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.7	47.3	70.9
57	19.5	16.5	24.7
100	11.3	11.0	16.4



#59
 1,2,3-Trichloropropane
 Concen: 4.707 ug/L
 RT: 11.30 min Scan# 3237
 Delta R.T. 0.97 min
 Lab File: VV007197.D
 Acq: 25 Aug 2018 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.9	24.6	37.0

