

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007200.D
 Acq On : 25 Aug 2018 13:38
 Operator : SY/MD
 Sample : J4622-05
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:25:13 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	666992	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	671863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	288163	50.00	ug/L	0.00

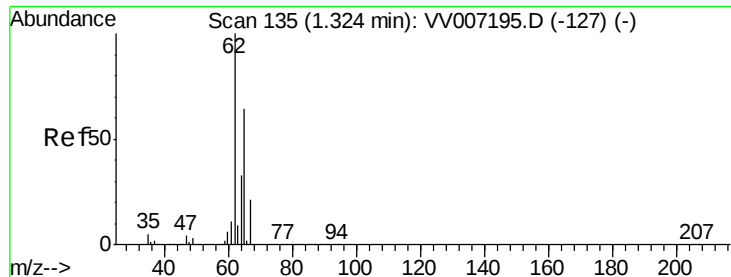
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	221907	47.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.72%
7) Chloroethane-d5	1.58	69	188993	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.50%
11) 1,1-Dichloroethene-d2	2.28	63	193	0.02	ug/L	0.14
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	3.96	46	433450	124.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.15%
24) Chloroform-d	4.41	84	461495	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
26) 1,2-Dichloroethane-d4	5.09	65	292782	53.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.48%
32) Benzene-d6	5.11	84	954494	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
36) 1,2-Dichloropropane-d6	6.12	67	307927	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.37	98	781514	46.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.02%
43) trans-1,3-Dichloropropene-	7.67	79	128894	47.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.18%
47) 2-Hexanone-d5	8.14	63	204552	103.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.51%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	442902	53.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.16%
64) 1,2-Dichlorobenzene-d4	11.68	152	314258	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	188389	33.594	ug/L	98
13) Acetone	2.20	43	522943	202.866	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	91392	17.561	ug/L	99
22) 2-Butanone	4.04	43	1111000	276.874	ug/L	98
34) Trichloroethene	5.96	95	20003	3.953	ug/L	93
35) Methylcyclohexane	6.12	83	71470	8.881	ug/L #	19
40) 4-Methyl-2-pentanone	7.29	43	14625	2.253	ug/L	91
48) 2-Hexanone	8.19	43	50527	9.943	ug/L #	85
59) 1,2,3-Trichloropropane	11.30	75	34463	5.092	ug/L	99

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



#5

Vinyl chloride

Concen: 33.594 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007200.D

Acq: 25 Aug 2018 13:38

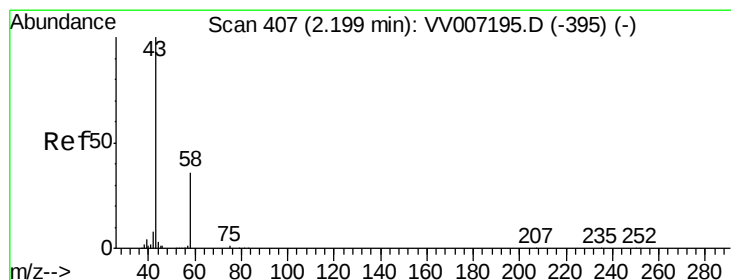
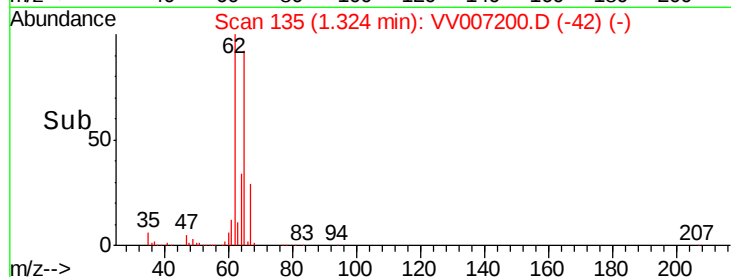
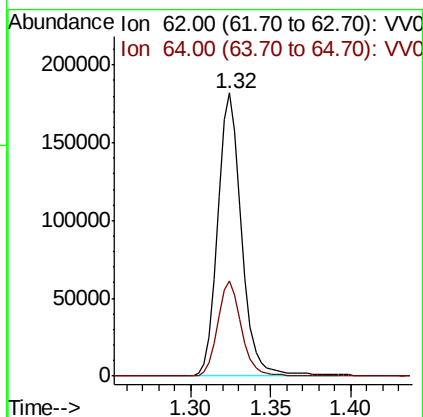
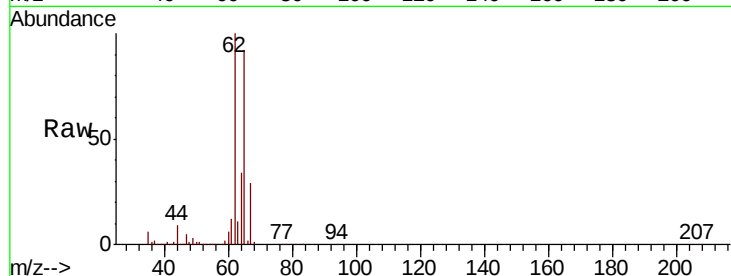
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 188389

Ion Ratio Lower Upper

62 100

64 33.6 22.9 42.5



#13

Acetone

Concen: 202.866 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV007200.D

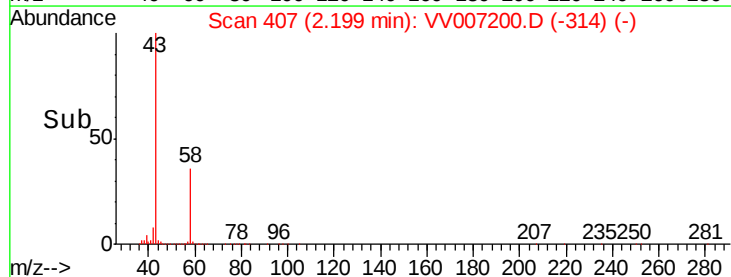
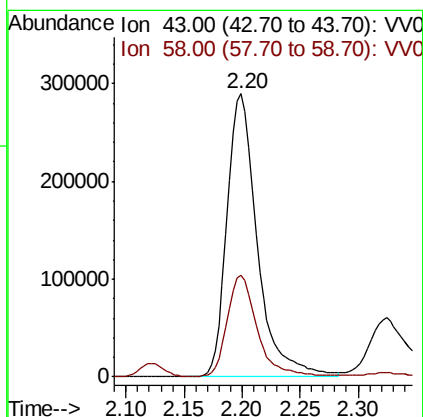
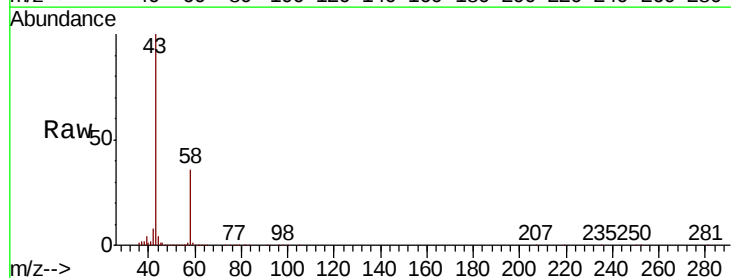
Acq: 25 Aug 2018 13:38

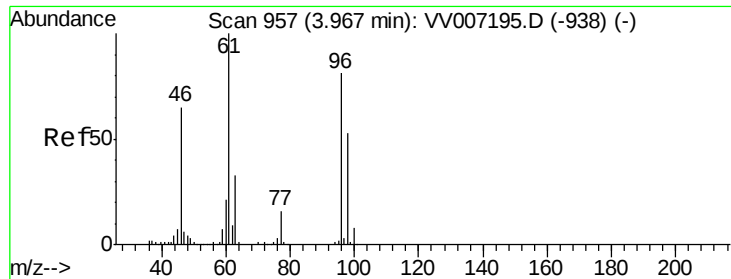
Tgt Ion: 43 Resp: 522943

Ion Ratio Lower Upper

43 100

58 34.8 0.0 72.0

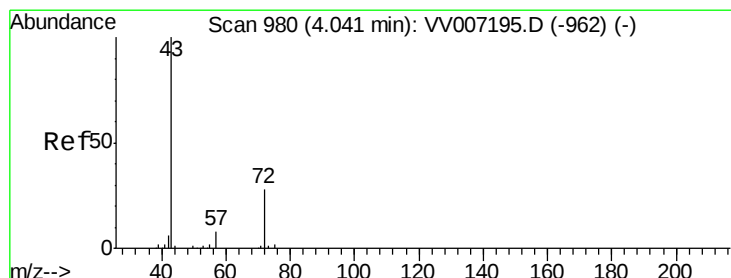
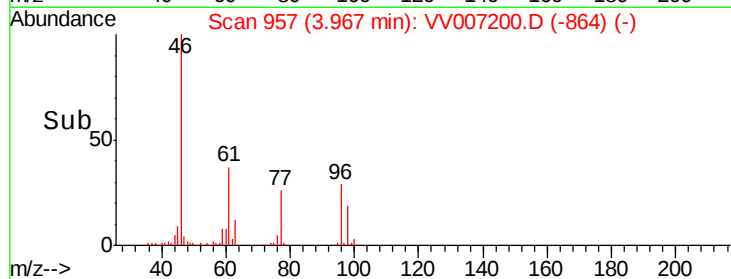
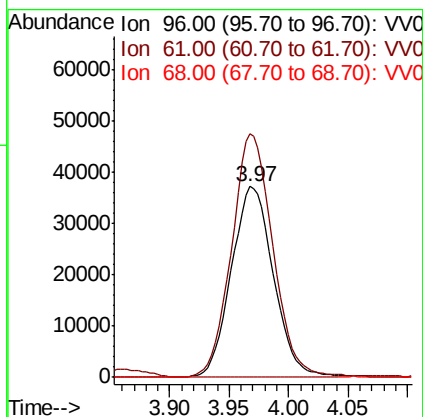
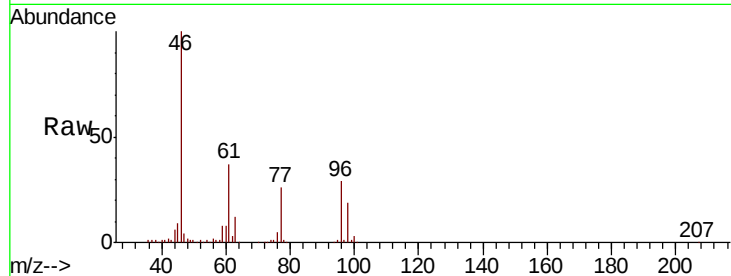




#20
 cis-1,2-Dichloroethene
 Concen: 17.561 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV007200.D
 Acq: 25 Aug 2018 13:38

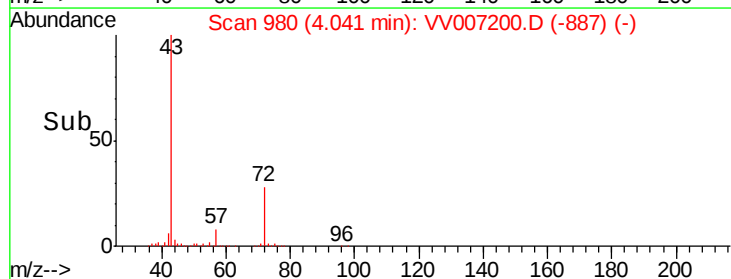
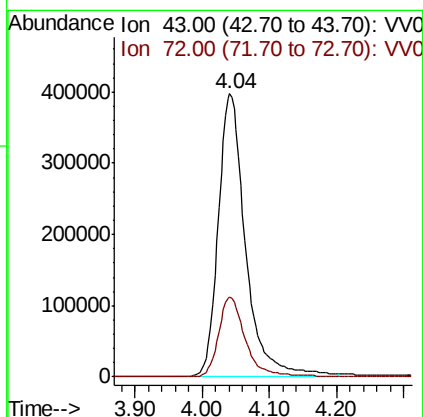
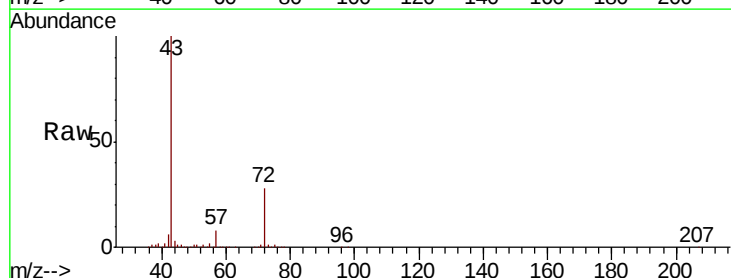
Instrument :
 MSVOA_V
 ClientSampled :

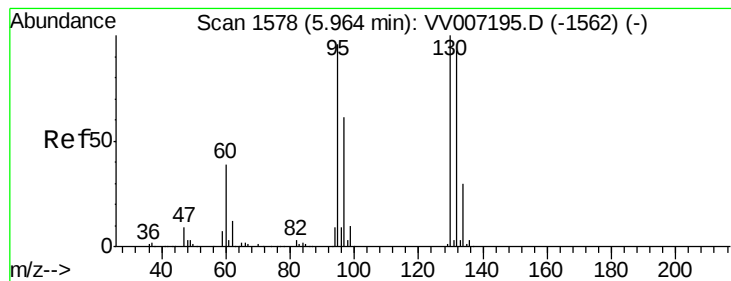
Tot Ion: 96 Resp: 91392
 Ion Ratio Lower Upper
 96 100
 61 127.7 88.2 163.8
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 276.874 ug/L
 RT: 4.04 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VV007200.D
 Acq: 25 Aug 2018 13:38

Tgt Ion: 43 Resp: 1111000
 Ion Ratio Lower Upper
 43 100
 72 27.5 13.4 40.1





#34

Trichloroethene

Concen: 3.953 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007200.D

Acq: 25 Aug 2018 13:38

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 20003

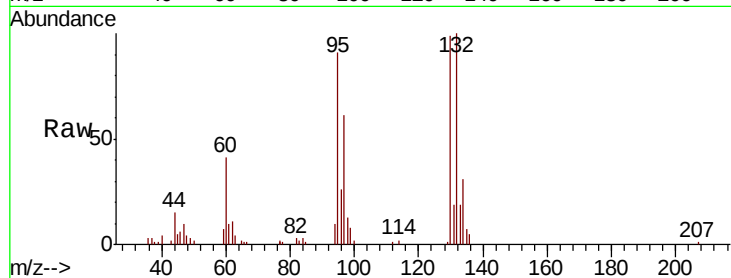
Ion Ratio Lower Upper

95 100

97 67.0 45.4 84.2

132 110.5 70.8 131.4

130 109.1 71.7 133.3

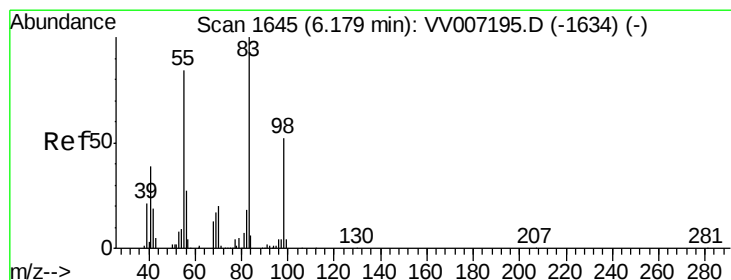
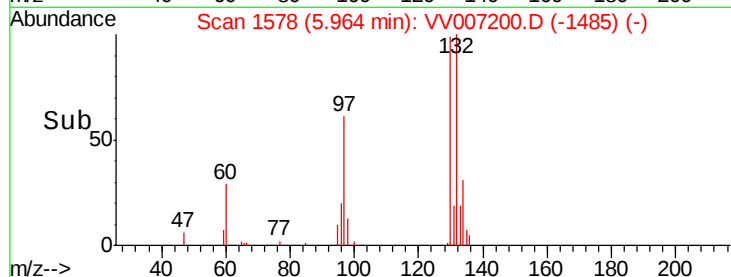
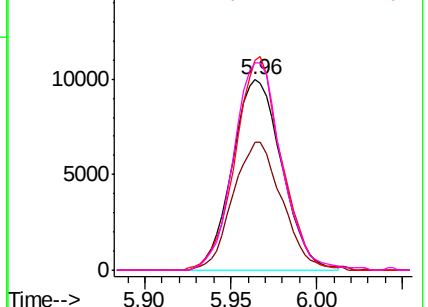


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 8.881 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007200.D

Acq: 25 Aug 2018 13:38

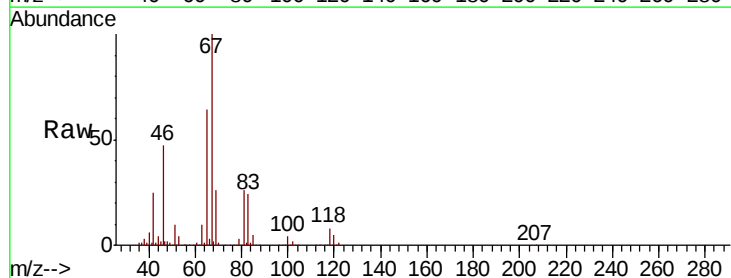
Tgt Ion: 83 Resp: 71470

Ion Ratio Lower Upper

83 100

55 0.5 62.2 93.2#

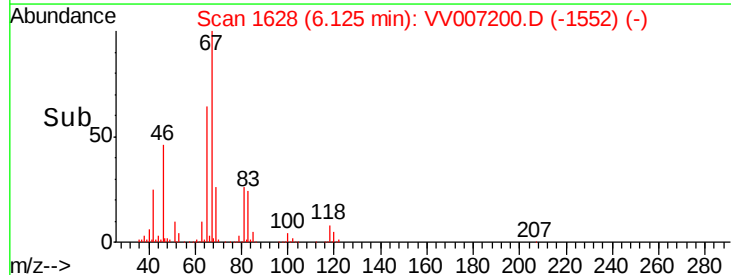
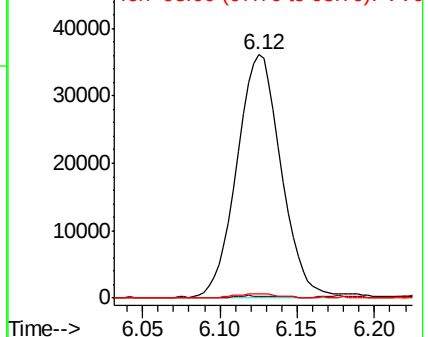
98 1.8 37.9 56.9#

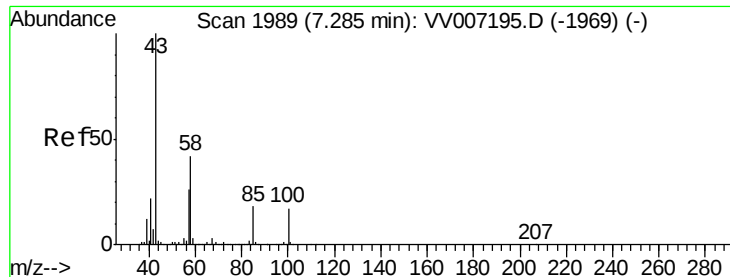


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

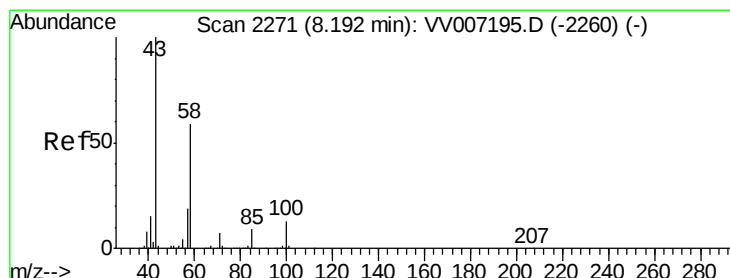
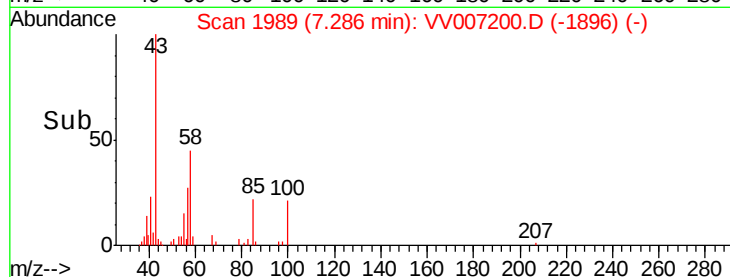
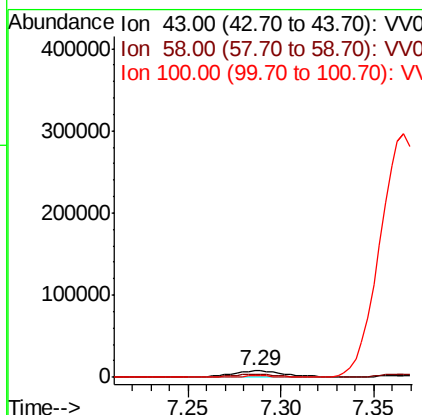
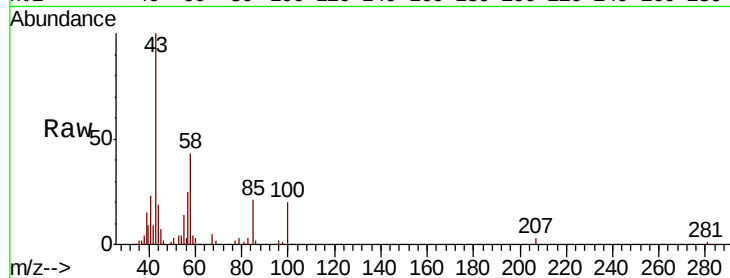




#40
4-Methyl-2-pentanone
Concen: 2.253 ug/L
RT: 7.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VV007200.D
Acq: 25 Aug 2018 13:38

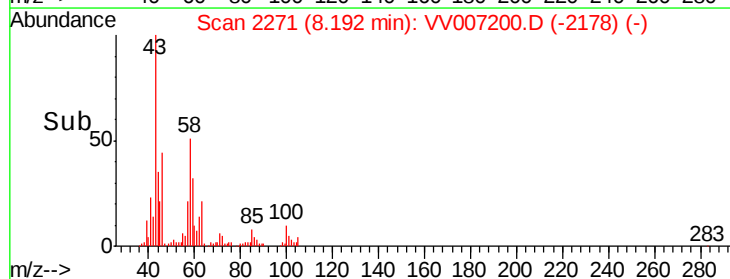
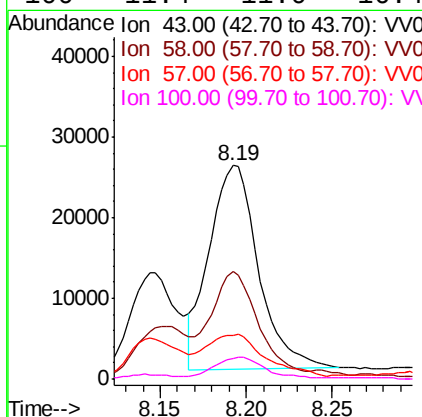
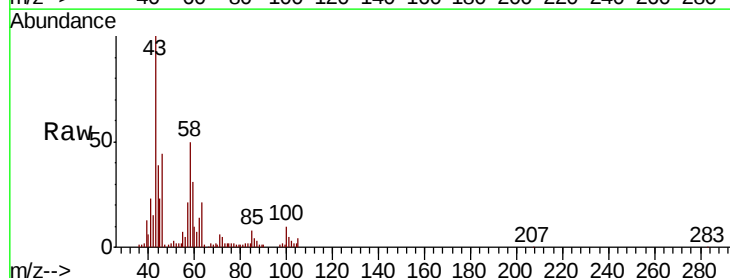
Instrument :
MSVOA_V
ClientSampleId :

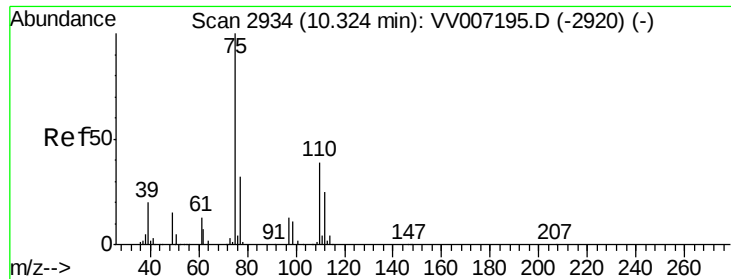
Tot Ion: 43 Resp: 14625
Ion Ratio Lower Upper
43 100
58 46.3 31.5 47.3
100 17.8 12.6 18.8



#48
2-Hexanone
Concen: 9.943 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV007200.D
Acq: 25 Aug 2018 13:38

Tgt Ion: 43 Resp: 50527
Ion Ratio Lower Upper
43 100
58 45.9 47.3 70.9#
57 26.4 16.5 24.7#
100 11.4 11.0 16.4





#59

1,2,3-Trichloropropane

Concen: 5.092 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV007200.D

Acq: 25 Aug 2018 13:38

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 34463

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

