

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009766.D
 Acq On : 06 Apr 2019 12:18
 Operator : SY/VA
 Sample : K2259-04
 Misc : 4.17G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETJ43

Quant Time: Apr 07 04:00:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	257906	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	192619	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	47887	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	73610	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
7) Chloroethane-d5	2.89	69	78687	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.80%
10) 1,1-Dichloroethene-d2	4.02	63	133780	18.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.72%
20) 2-Butanone-d5	7.07	46	65727	59.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.96%
24) Chloroform-d	7.64	84	202248	28.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.96%
26) 1,2-Dichloroethane-d4	8.31	65	132621	30.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.80%
29) Benzene-d6	8.27	84	352836	34.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.56%#
33) 1,2-Dichloropropane-d6	9.27	67	118119	37.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.28%#
37) Toluene-d8	10.32	98	264108	28.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.00%
38) trans-1,3-Dichloropropene-	10.58	79	30546	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.93	63	41844	71.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.16%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100352	34.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	47374	28.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.76%

Target Compounds

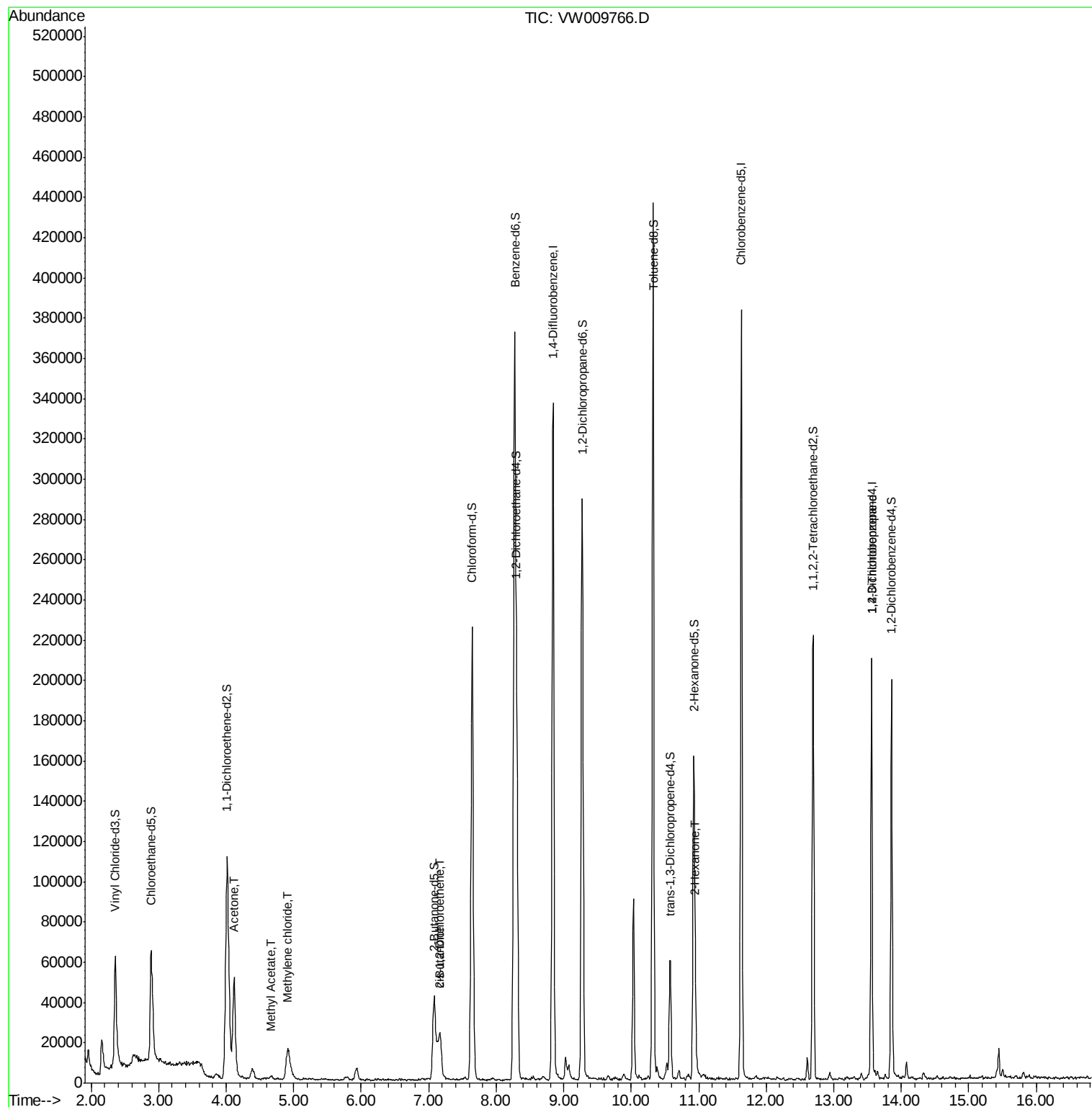
					Qvalue
13) Acetone	4.12	43	83837	71.407 ug/L	99
15) Methyl Acetate	4.67	43	2035	0.951 ug/L	99
16) Methylene chloride	4.92	84	7574	1.665 ug/L	91
21) 2-Butanone	7.17	43	41599	27.859 ug/L	83
22) cis-1,2-Dichloroethene	7.16	96	1804	0.473 ug/L	80
49) 2-Hexanone	10.95	43	20427	11.905 ug/L #	44
59) 1,2,3-Trichloropropane	13.56	75	6908	3.099 ug/L	90

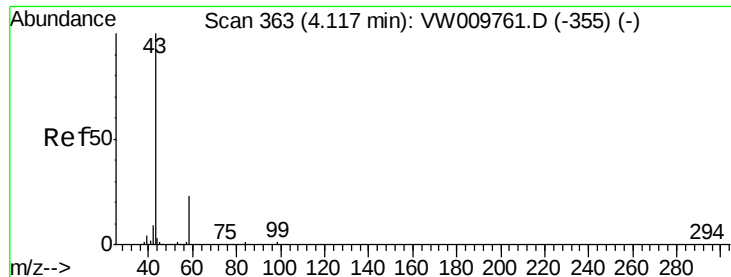
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 71.407 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009766.D

Acq: 06 Apr 2019 12:18

Instrument :

MSVOA_W

ClientSampled :

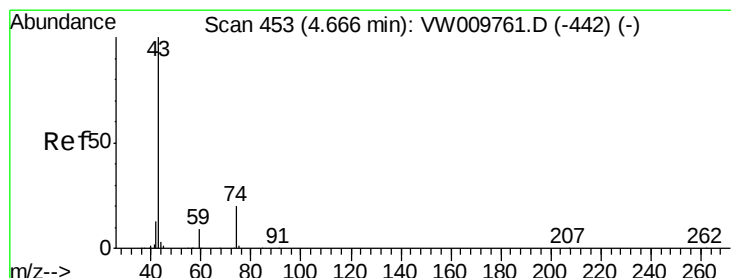
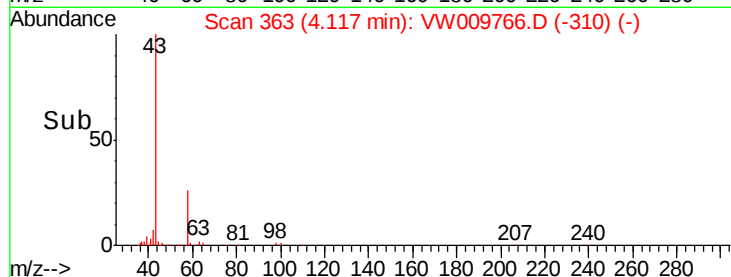
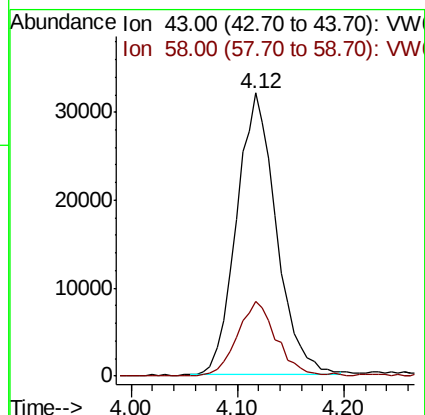
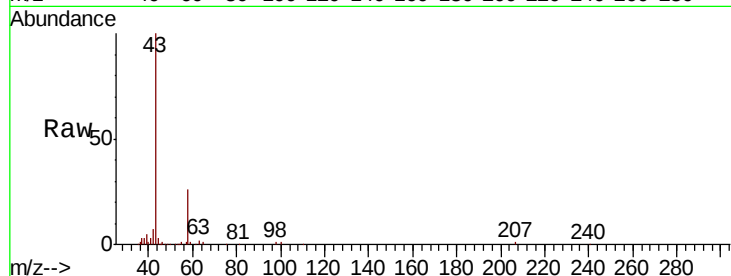
ETJ43

Tgt Ion: 43 Resp: 83837

Ion Ratio Lower Upper

43 100

58 26.2 0.0 53.0



#15

Methyl Acetate

Concen: 0.951 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW009766.D

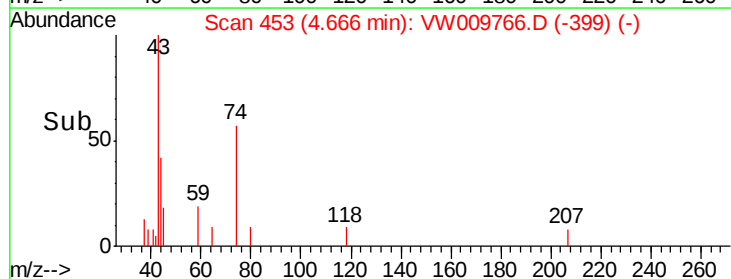
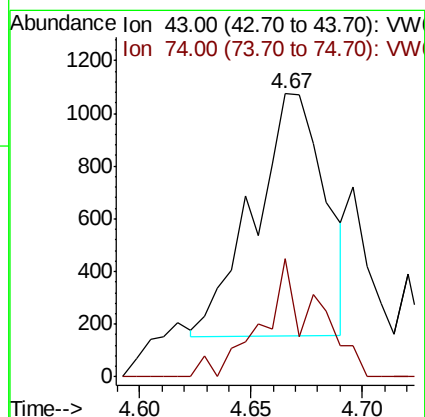
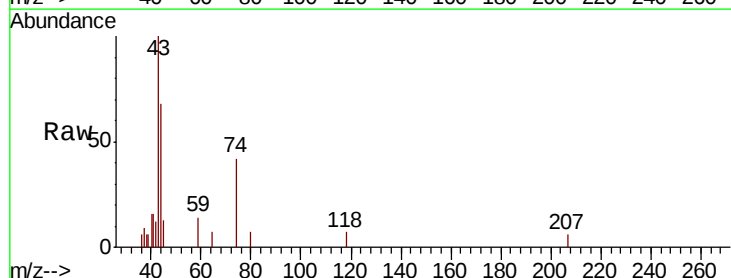
Acq: 06 Apr 2019 12:18

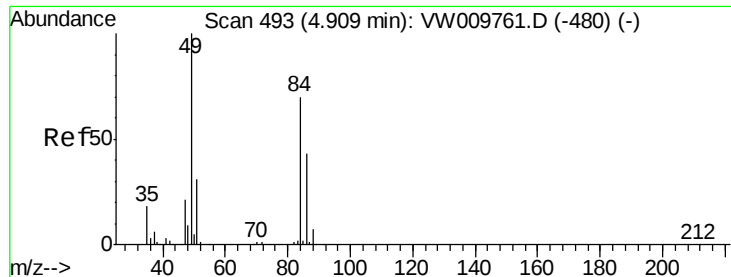
Tgt Ion: 43 Resp: 2035

Ion Ratio Lower Upper

43 100

74 22.0 17.2 25.8

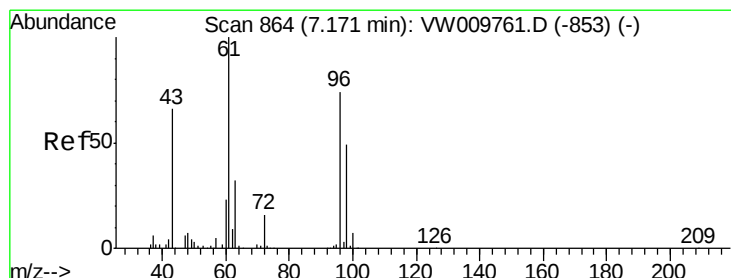
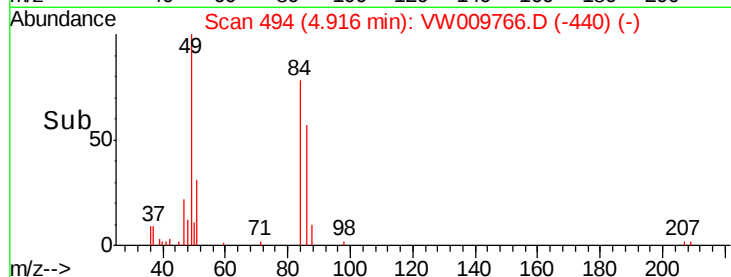
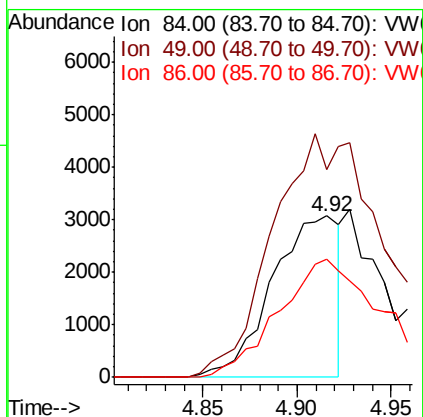
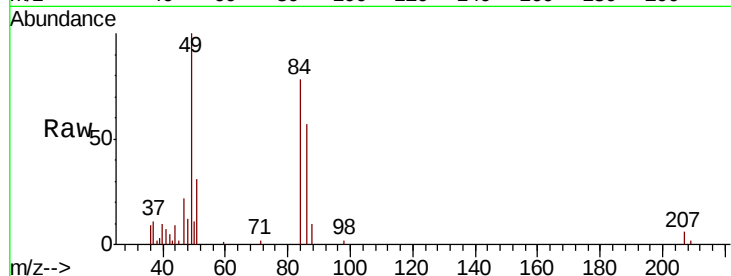




#16
Methylene chloride
Concen: 1.665 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009766.D
Acq: 06 Apr 2019 12:18

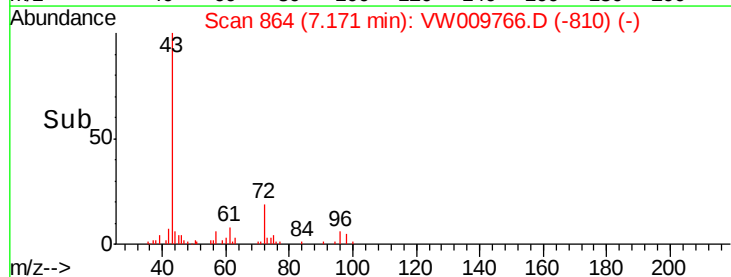
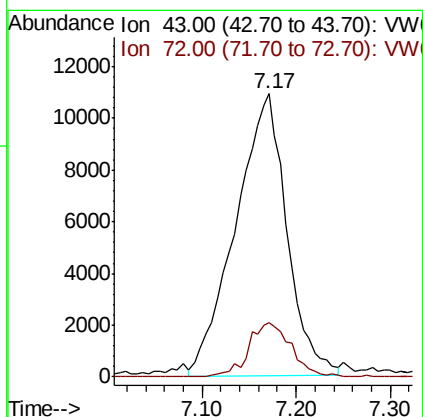
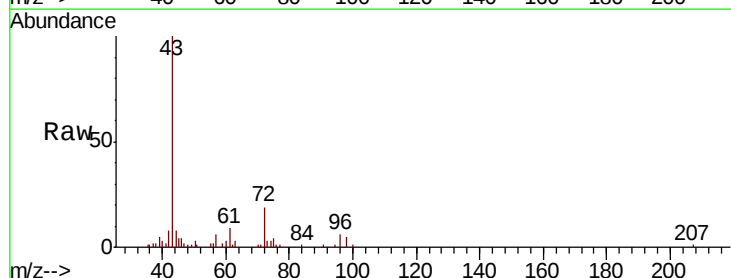
Instrument :
MSVOA_W
ClientSampled :
ETJ43

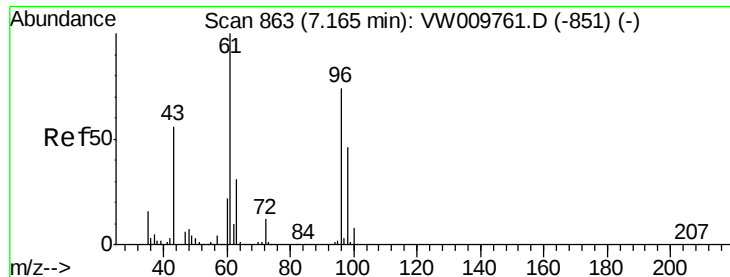
Tgt Ion: 84 Resp: 7574
Ion Ratio Lower Upper
84 100
49 128.6 98.3 182.5
86 73.0 46.4 86.2



#21
2-Butanone
Concen: 27.859 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009766.D
Acq: 06 Apr 2019 12:18

Tgt Ion: 43 Resp: 41599
Ion Ratio Lower Upper
43 100
72 15.7 12.0 36.1



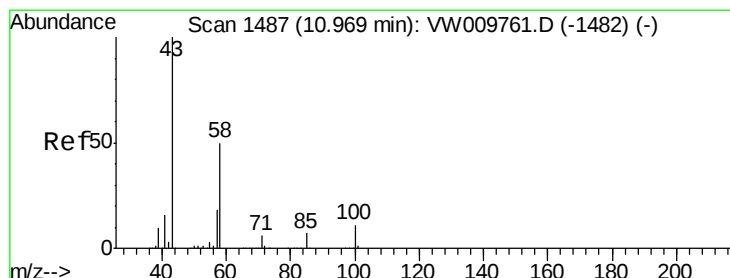
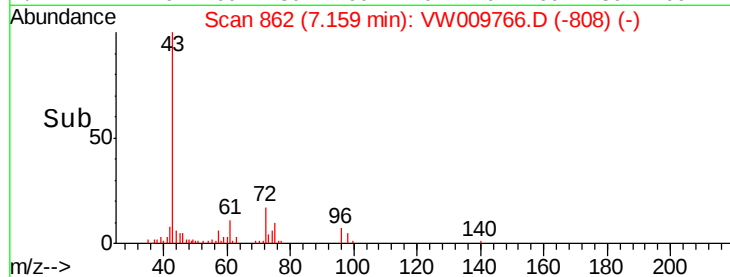
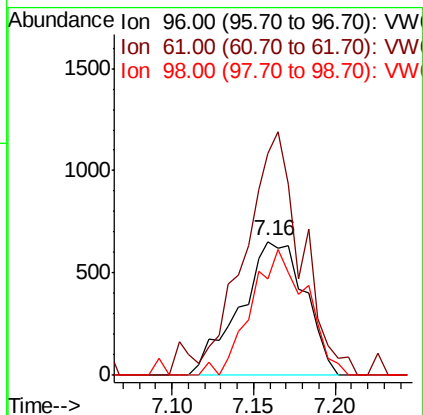
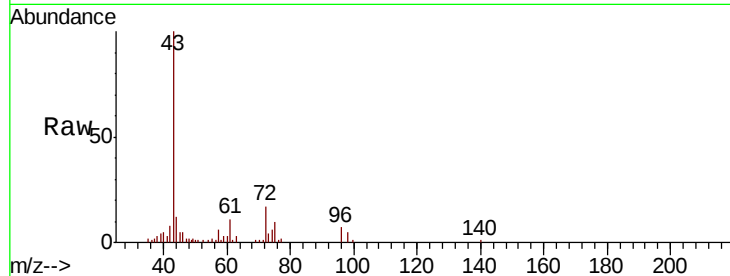


#22

cis-1,2-Dichloroethene
 Concen: 0.473 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW009766.D
 Acq: 06 Apr 2019 12:18

Instrument :
 MSVOA_W
 ClientSampled :
 ETJ43

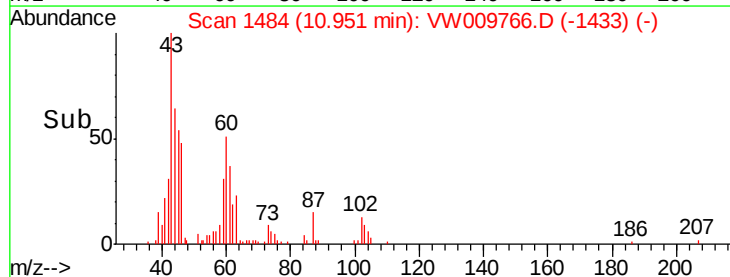
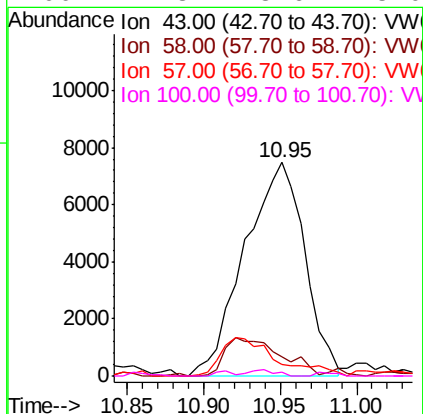
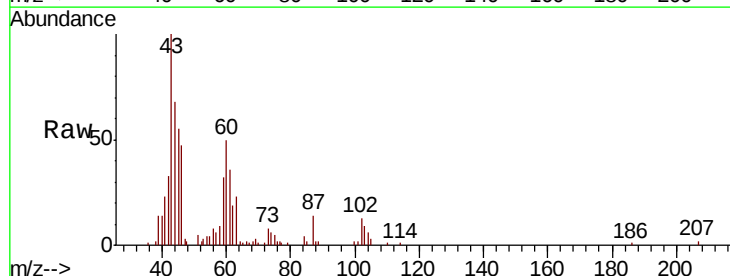
Tgt Ion: 96 Resp: 1804
 Ion Ratio Lower Upper
 96 100
 61 166.1 96.8 179.8
 98 72.5 43.5 80.9

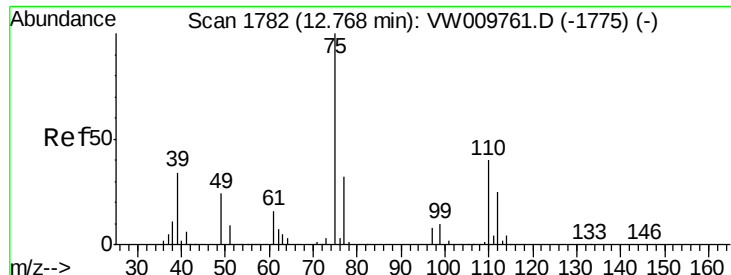


#49

2-Hexanone
 Concen: 11.905 ug/L
 RT: 10.95 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: VW009766.D
 Acq: 06 Apr 2019 12:18

Tgt Ion: 43 Resp: 20427
 Ion Ratio Lower Upper
 43 100
 58 1.9 38.9 58.3#
 57 0.0 13.8 20.6#
 100 1.3 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 3.099 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009766.D

Acq: 06 Apr 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

ETJ43

Tgt Ion: 75 Resp: 6908

Ion Ratio Lower Upper

75 100

77 38.1 26.2 39.2

