

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009854.D
 Acq On : 09 Apr 2019 23:12
 Operator : SY/VA
 Sample : K2327-11
 Misc : 6.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0N5

Quant Time: Apr 10 04:46:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	429844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	397901	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	119815	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.20%
7) Chloroethane-d5	2.89	69	112759	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
10) 1,1-Dichloroethene-d2	4.01	63	222765	18.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.68%
20) 2-Butanone-d5	7.08	46	128348	70.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.56%#
24) Chloroform-d	7.65	84	316011	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	8.48	65	67	0.01	ug/L	0.17
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	570359	27.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.24%
33) 1,2-Dichloropropane-d6	9.27	67	182720	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.28%
37) Toluene-d8	10.32	98	489958	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.48%
38) trans-1,3-Dichloropropene-	10.58	79	73280	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.28%
39) 2-Hexanone-d5	10.93	63	80230	65.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	180094	30.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.12%#
61) 1,2-Dichlorobenzene-d4	13.86	152	150980	29.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.52%

Target Compounds

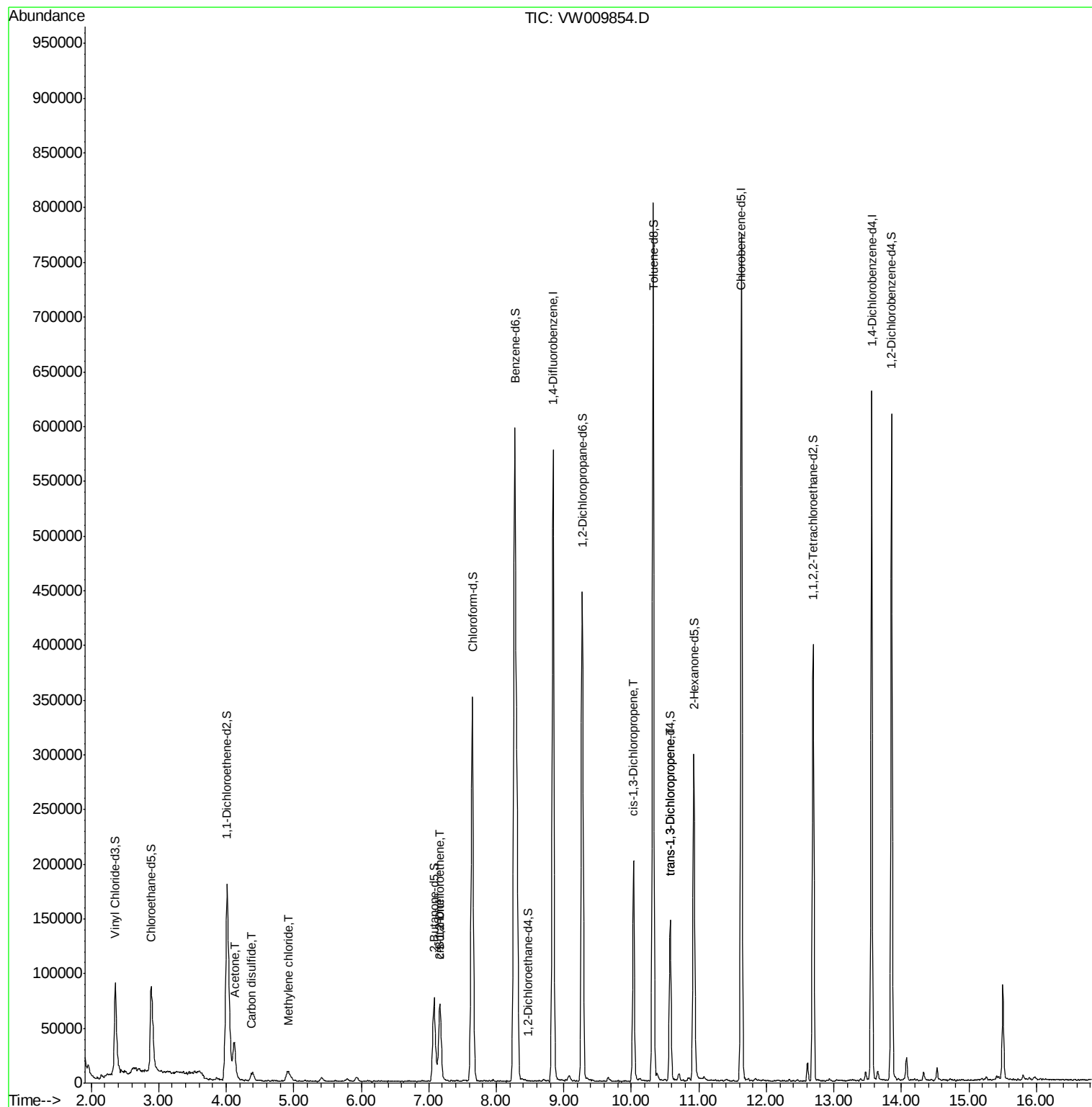
					Qvalue
13) Acetone	4.12	43	58351	29.820 ug/L	98
14) Carbon disulfide	4.37	76	8307	0.468 ug/L #	83
16) Methylene chloride	4.92	84	8054	1.062 ug/L	73
21) 2-Butanone	7.17	43	13791	5.542 ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	32341	5.093 ug/L	98
42) cis-1,3-Dichloropropene	10.03	75	5784	0.609 ug/L #	63
45) trans-1,3-Dichloropropene	10.57	75	3835	0.469 ug/L	95

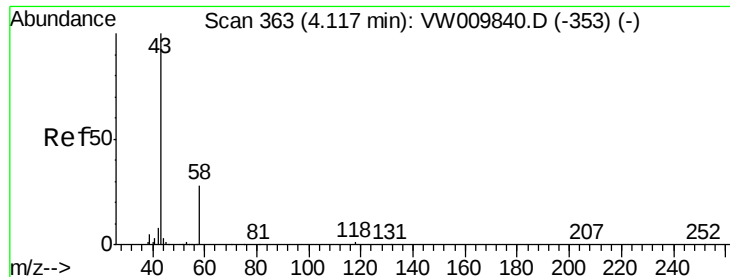
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.820 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009854.D

Acq: 09 Apr 2019 23:12

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MSVOA_W

ClientSampleId :

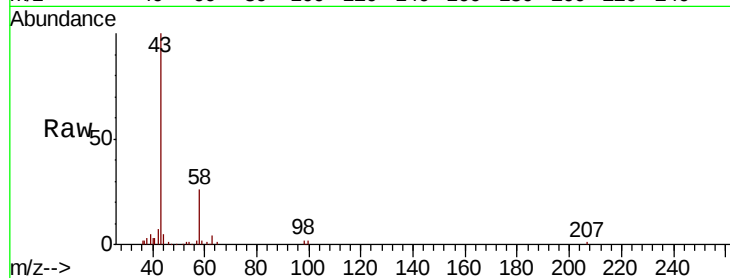
BF0N5

Tgt Ion: 43 Resp: 58351

Ion Ratio Lower Upper

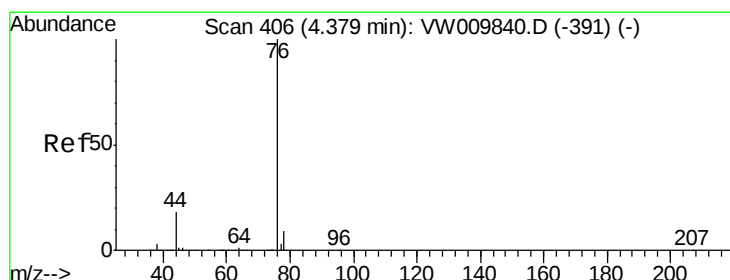
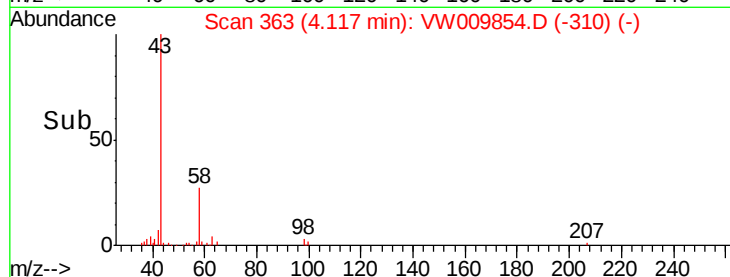
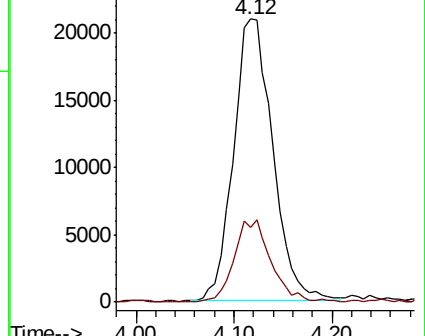
43 100

58 27.4 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.468 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

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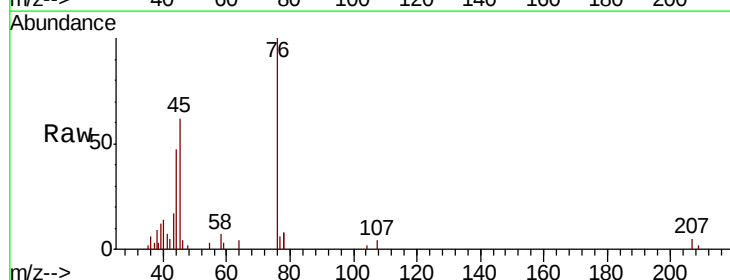
Acq: 09 Apr 2019 23:12

Tgt Ion: 76 Resp: 8307

Ion Ratio Lower Upper

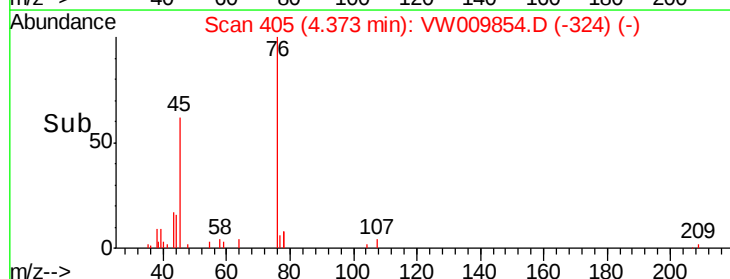
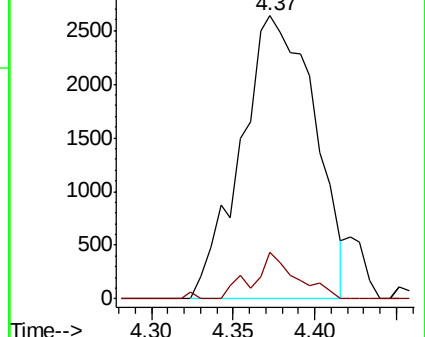
76 100

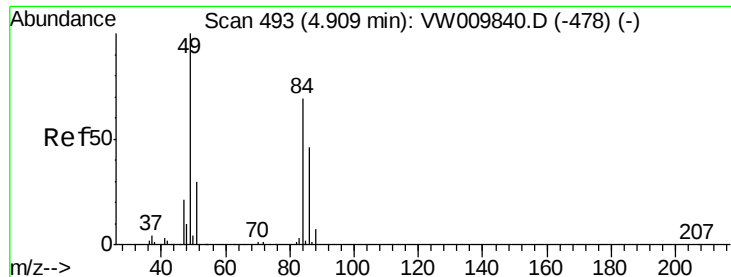
78 15.4 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

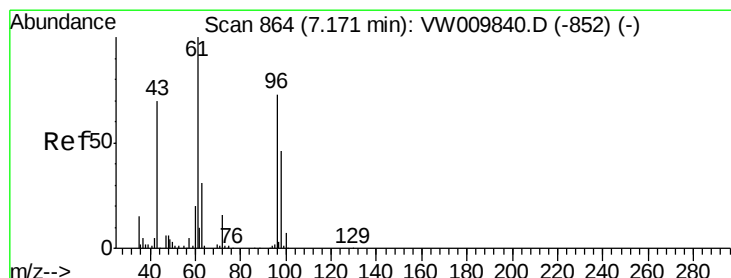
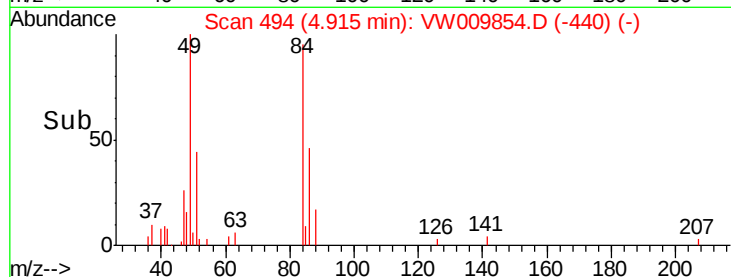
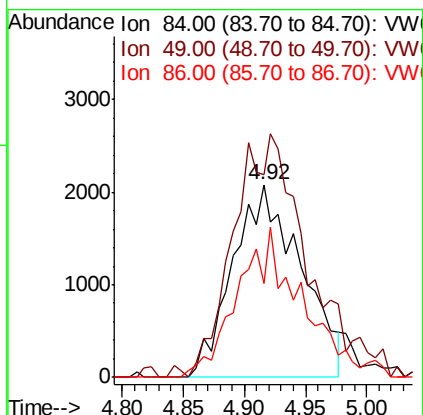
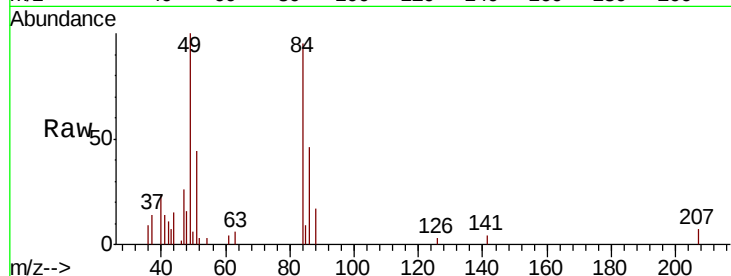




#16
Methylene chloride
Concen: 1.062 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009854.D
Acq: 09 Apr 2019 23:12

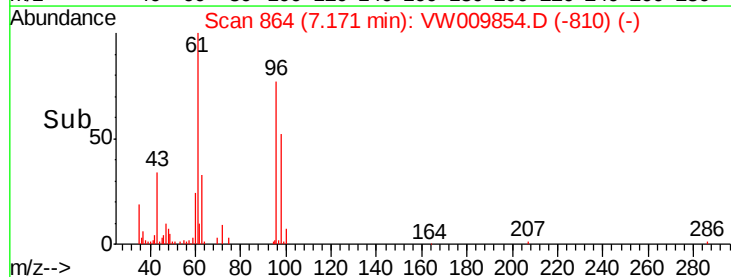
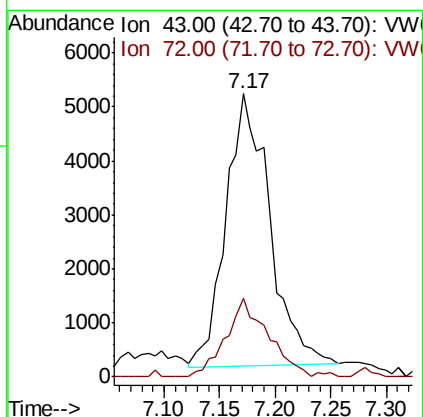
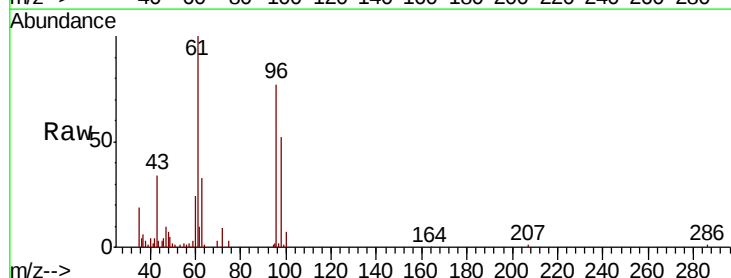
Instrument :
MSVOA_W
ClientSampleId :
BF0N5

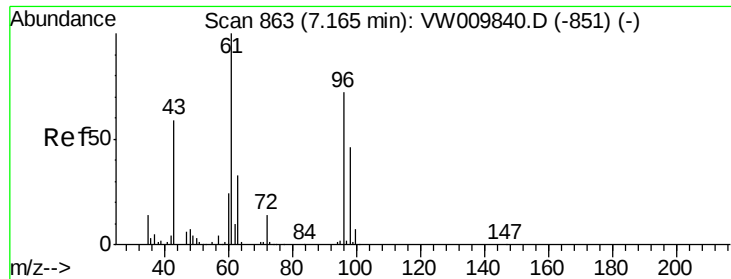
Tgt Ion: 84 Resp: 8054
Ion Ratio Lower Upper
84 100
49 105.1 98.3 182.5
86 48.5 46.4 86.2



#21
2-Butanone
Concen: 5.542 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009854.D
Acq: 09 Apr 2019 23:12

Tgt Ion: 43 Resp: 13791
Ion Ratio Lower Upper
43 100
72 27.5 12.0 36.1

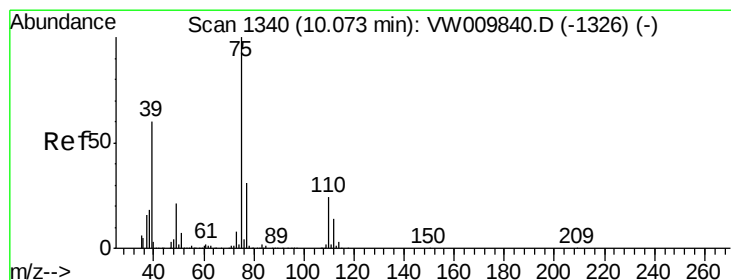
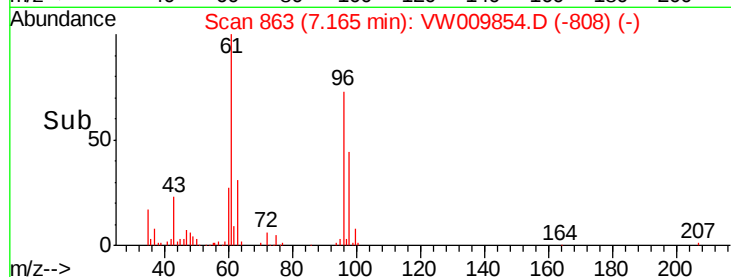
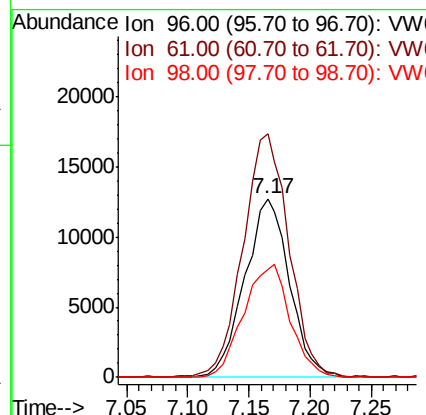
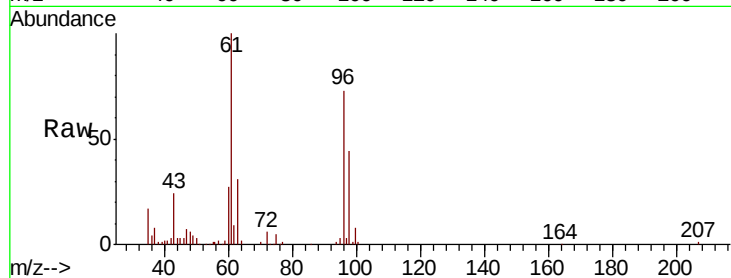




#22
 cis-1,2-Dichloroethene
 Concen: 5.093 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VW009854.D
 Acq: 09 Apr 2019 23:12

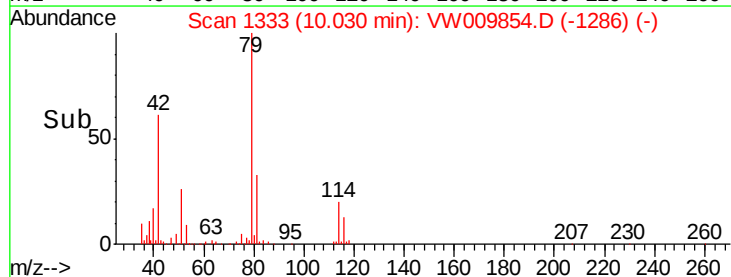
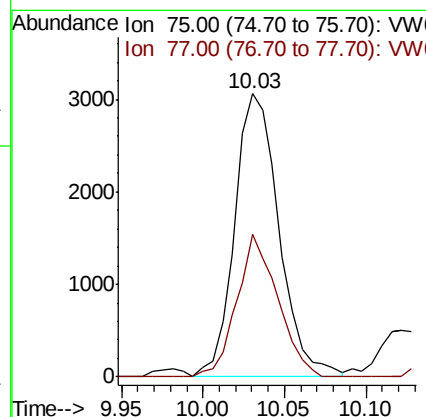
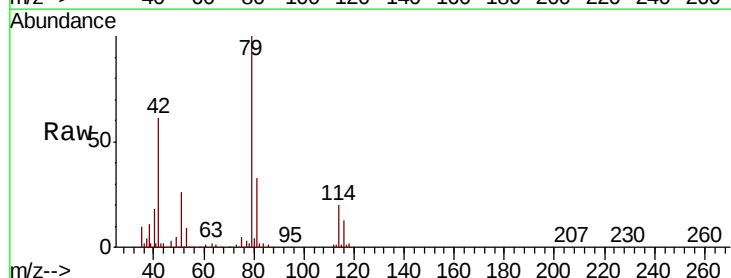
Instrument :
 MSVOA_W
 ClientSampled :
 BF0N5

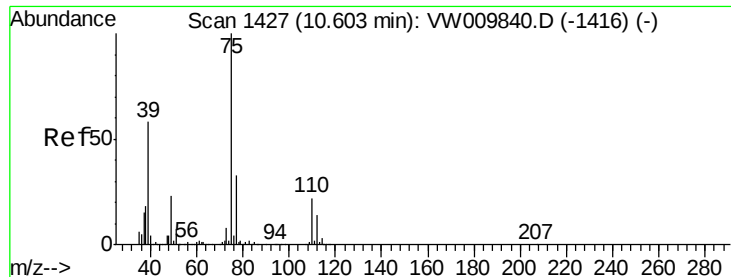
Tgt Ion: 96 Resp: 32341
 Ion Ratio Lower Upper
 96 100
 61 136.5 96.8 179.8
 98 60.7 43.5 80.9



#42
 cis-1,3-Dichloropropene
 Concen: 0.609 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW009854.D
 Acq: 09 Apr 2019 23:12

Tgt Ion: 75 Resp: 5784
 Ion Ratio Lower Upper
 75 100
 77 50.2 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.469 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009854.D

Acq: 09 Apr 2019 23:12

Instrument :

MSVOA_W

ClientSampleId :

BF0N5

Tgt Ion: 75 Resp: 3835

Ion Ratio Lower Upper

75 100

77 32.7 21.1 39.3

