

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040519\
 Data File : VW009720.D
 Acq On : 05 Apr 2019 08:53
 Operator : SY/VA
 Sample : K2276-18
 Misc : 5.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 05 09:23:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:15:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	410585	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	409244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170422	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138141	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.84%
7) Chloroethane-d5	2.89	69	137292	27.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.56%
10) 1,1-Dichloroethene-d2	4.01	63	239081	20.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.76%
20) 2-Butanone-d5	7.07	46	82401	47.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.48%
24) Chloroform-d	7.65	84	329331	29.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.60%
26) 1,2-Dichloroethane-d4	8.30	65	202692	29.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.88%
29) Benzene-d6	8.27	84	616235	28.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.72%
33) 1,2-Dichloropropane-d6	9.27	67	195276	29.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.72%
37) Toluene-d8	10.32	98	561682	28.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.12%
38) trans-1,3-Dichloropropene-	10.58	79	79024	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.88%
39) 2-Hexanone-d5	10.93	63	53816	43.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151878	24.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	194367	32.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.00%#

Target Compounds

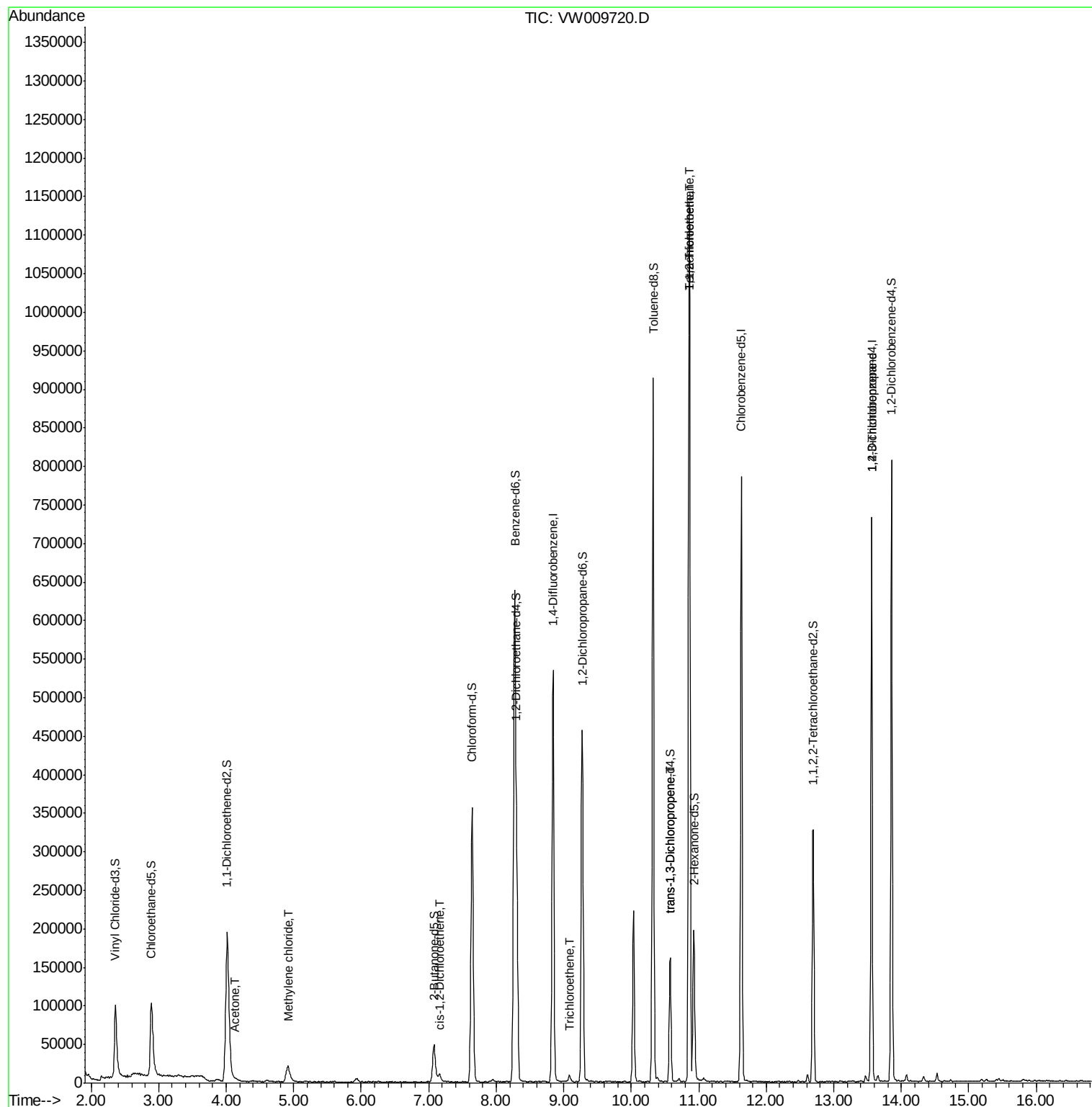
					Ovalue
13) Acetone	4.12	43	3288	1.759 ug/L	78
16) Methylene chloride	4.92	84	15431	2.131 ug/L	93
22) cis-1,2-Dichloroethene	7.16	96	3134	0.517 ug/L	83
35) Trichloroethene	9.09	95	1941	0.301 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	4256	0.506 ug/L #	80
46) 1,1,2-Trichloroethane	10.86	97	2594	0.548 ug/L #	25
47) Tetrachloroethene	10.86	164	229500	45.221 ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	23064	4.870 ug/L	90

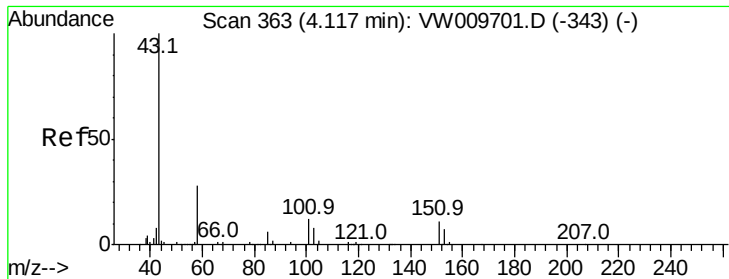
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 08:15:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.759 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009720.D

Acq: 05 Apr 2019 08:53

Instrument :

MSVOA_W

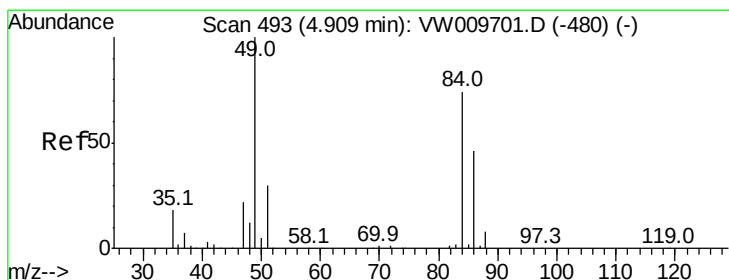
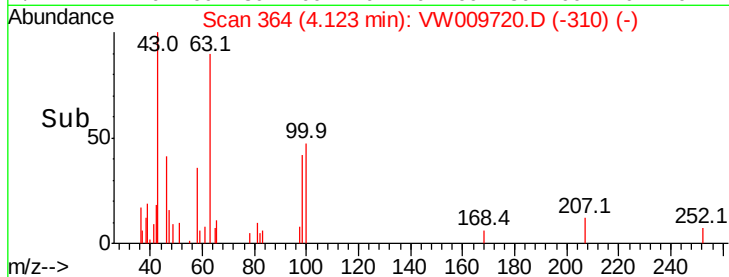
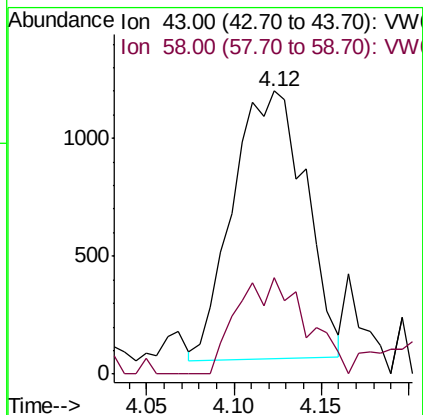
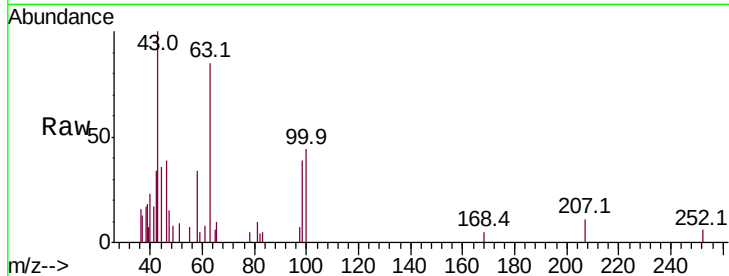
ClientSampled :

Tot Ion: 43 Resp: 3288

Ion Ratio Lower Upper

43 100

58 15.3 0.0 53.0



#16

Methylene chloride

Concen: 2.131 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009720.D

Acq: 05 Apr 2019 08:53

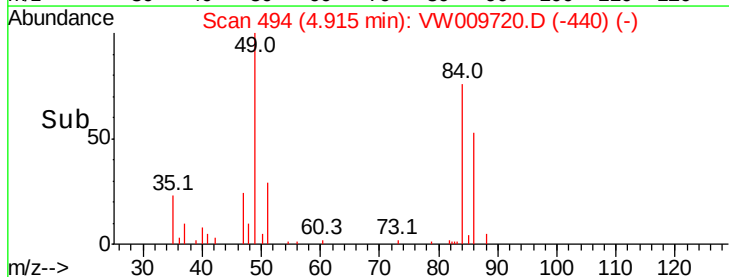
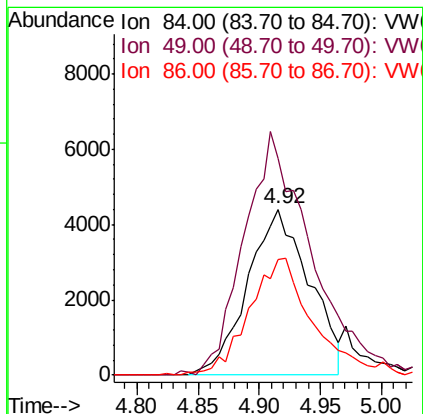
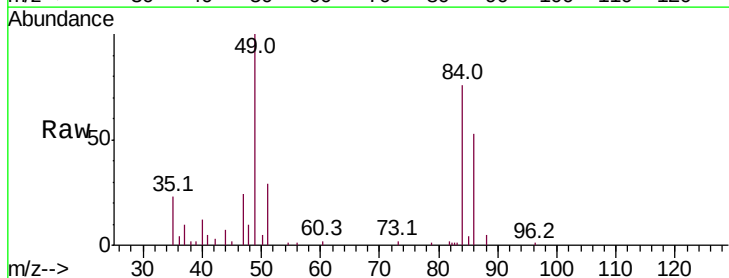
Tgt Ion: 84 Resp: 15431

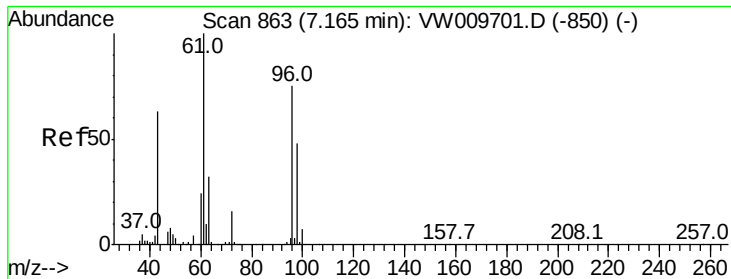
Ion Ratio Lower Upper

84 100

49 130.9 98.3 182.5

86 69.5 46.4 86.2



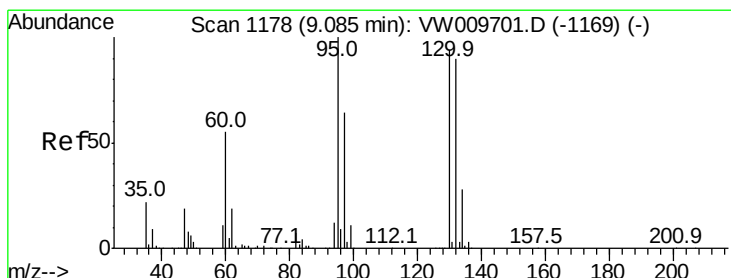
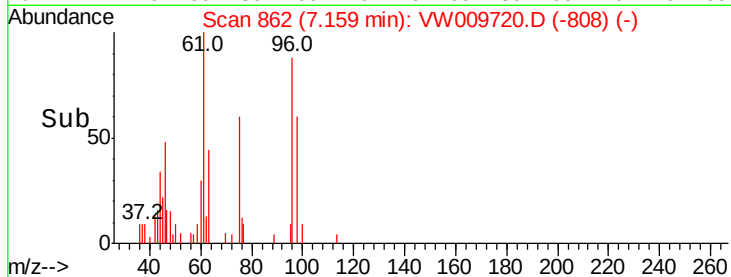
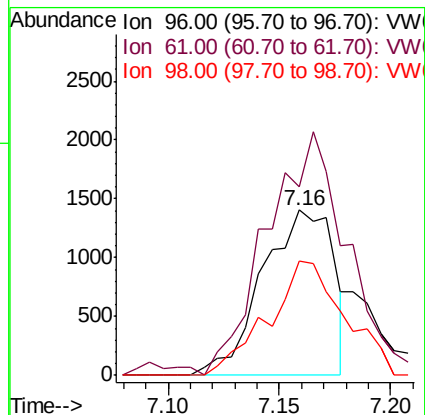
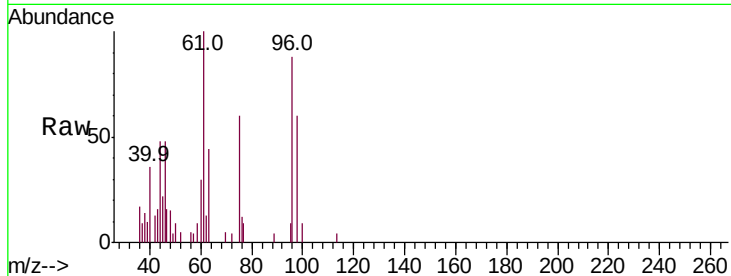


#22

cis-1,2-Dichloroethene
 Concen: 0.517 ug/L
 RT: 7.16 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VW009720.D
 Acq: 05 Apr 2019 08:53

Instrument :
 MSVOA_W
 ClientSampled :

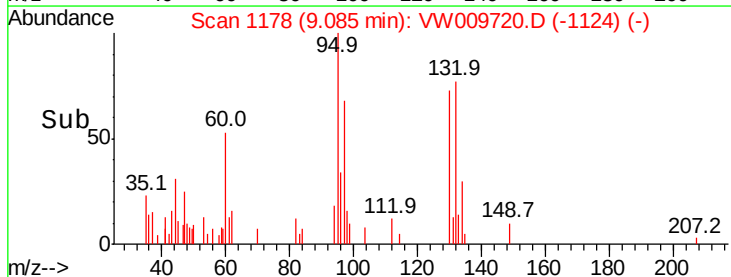
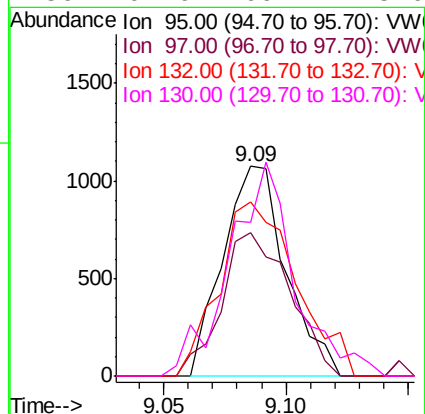
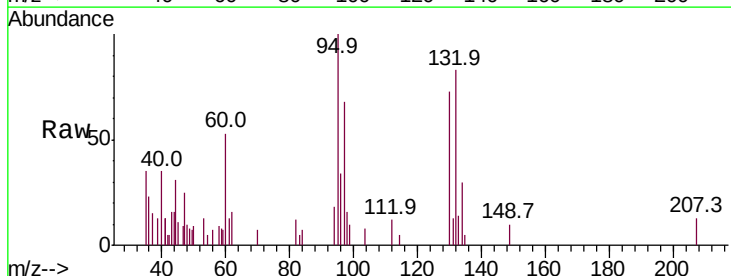
Tot Ion: 96 Resp: 3134
 Ion Ratio Lower Upper
 96 100
 61 114.1 96.8 179.8
 98 69.0 43.5 80.9

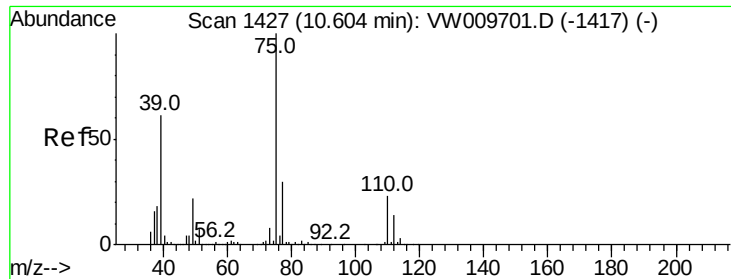


#35

Trichloroethene
 Concen: 0.301 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW009720.D
 Acq: 05 Apr 2019 08:53

Tgt Ion: 95 Resp: 1941
 Ion Ratio Lower Upper
 95 100
 97 74.0 44.9 83.5
 132 101.5 67.1 124.7
 130 101.6 69.2 128.6





#45

trans-1,3-Dichloropropene

Concen: 0.506 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009720.D

Acq: 05 Apr 2019 08:53

Instrument :

MSVOA_W

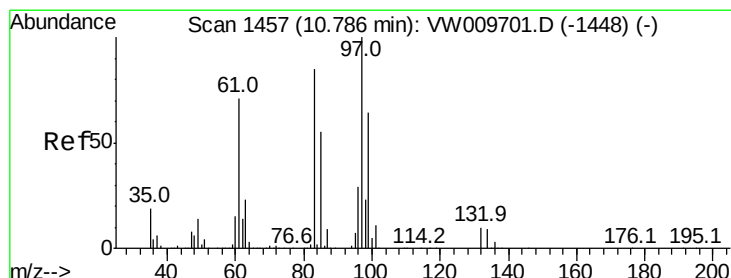
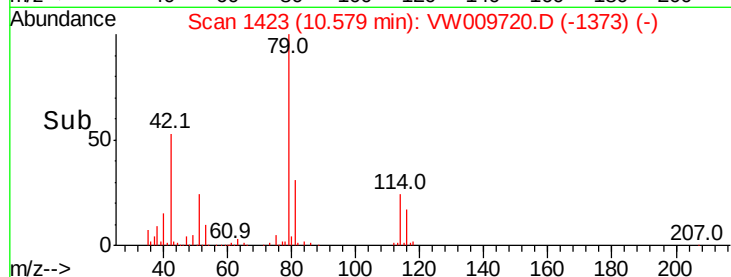
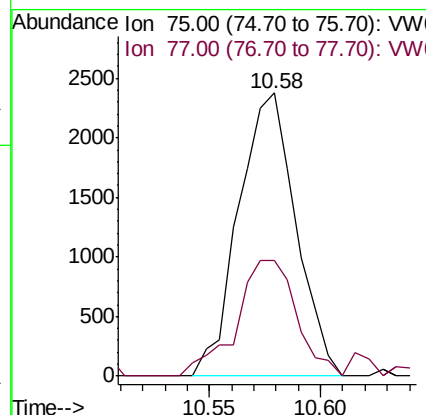
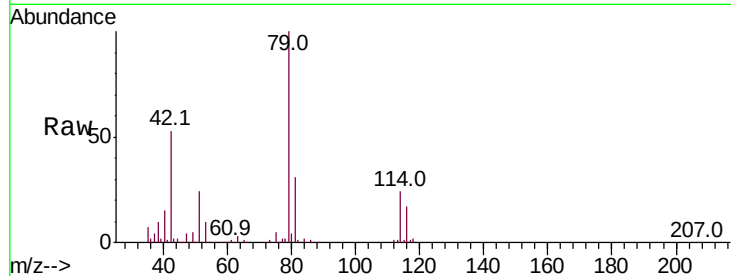
ClientSampled :

Tot Ion: 75 Resp: 4256

Ion Ratio Lower Upper

75 100

77 40.9 21.1 39.3#



#46

1,1,2-Trichloroethane

Concen: 0.548 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.07 min

Lab File: VW009720.D

Acq: 05 Apr 2019 08:53

Tgt Ion: 97 Resp: 2594

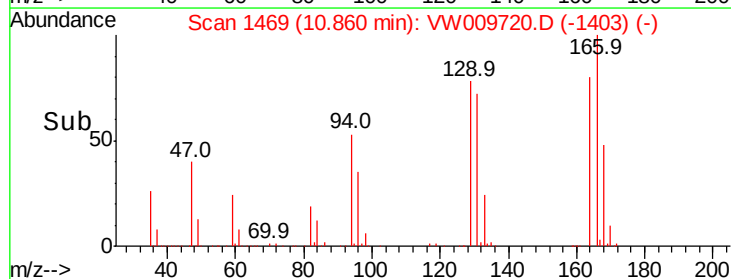
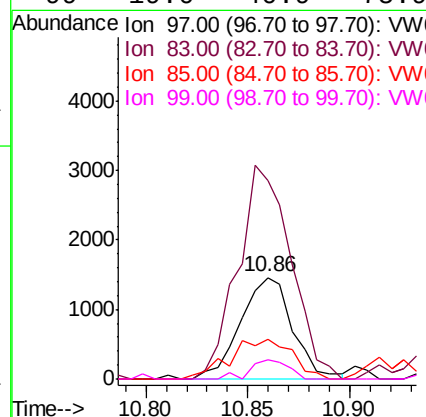
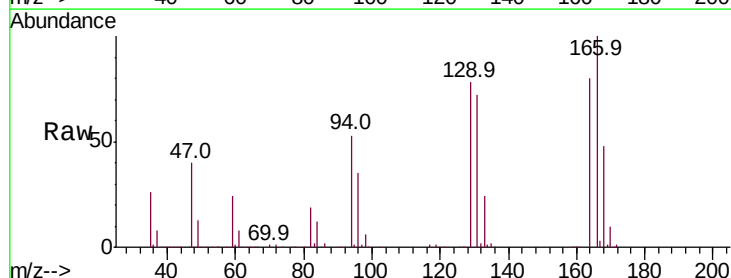
Ion Ratio Lower Upper

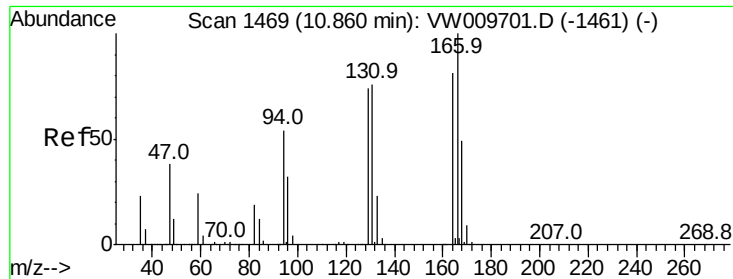
97 100

83 196.0 57.3 106.3#

85 39.5 38.1 70.7

99 19.0 40.9 75.9#

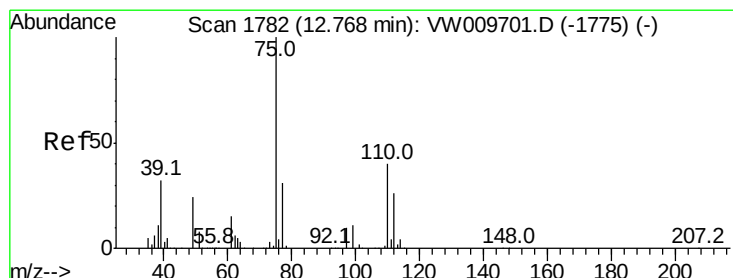
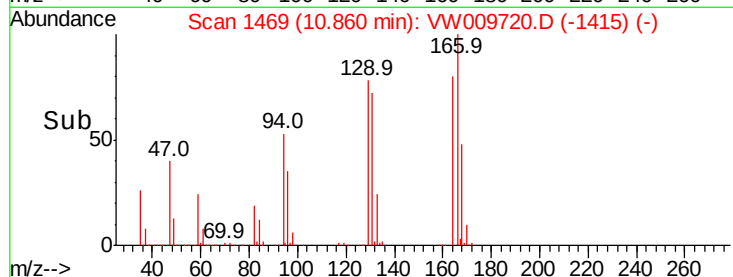
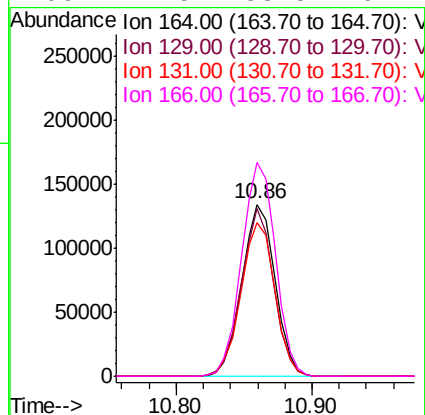
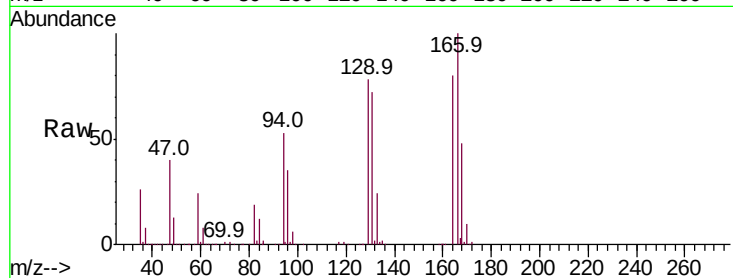




#47
Tetrachloroethene
Concen: 45.221 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009720.D
Acq: 05 Apr 2019 08:53

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 229500
Ion Ratio Lower Upper
164 100
129 97.5 68.9 127.9
131 89.5 63.1 117.1
166 124.5 88.5 164.4



#59
1,2,3-Trichloropropane
Concen: 4.870 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW009720.D
Acq: 05 Apr 2019 08:53

Tgt Ion: 75 Resp: 23064
Ion Ratio Lower Upper
75 100
77 38.2 26.2 39.2

