

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009332.D
 Acq On : 21 Mar 2019 17:53
 Operator : SY/VA
 Sample : K1988-19
 Misc : 6.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 22 09:44:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	400489	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384025	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181276	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127680	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.72%
7) Chloroethane-d5	2.90	69	122615	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	4.01	63	192616	18.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.48%
20) 2-Butanone-d5	7.07	46	72435	36.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.20%
24) Chloroform-d	7.64	84	275778	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	156925	23.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.32%
29) Benzene-d6	8.27	84	511647	24.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.64%
33) 1,2-Dichloropropane-d6	9.27	67	154181	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	460150	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.58	79	67845	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.96%
39) 2-Hexanone-d5	10.93	63	54352	35.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131084	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	173652	24.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.92%

Target Compounds

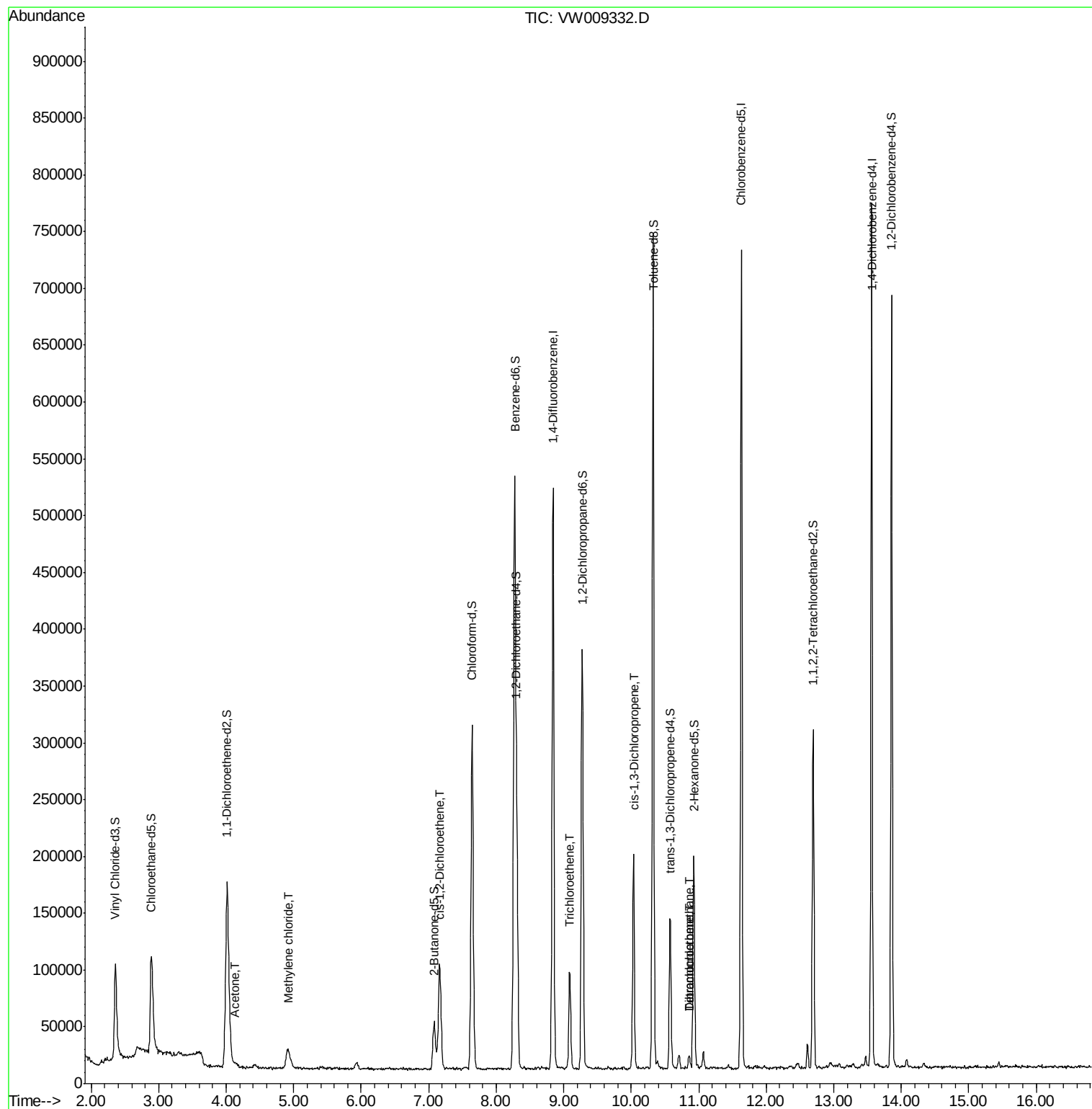
					Ovalue
13) Acetone	4.13	43	2454	1.512 ug/L	72
16) Methylene chloride	4.92	84	14524	2.487 ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	44986	8.009 ug/L	96
35) Trichloroethene	9.09	95	27426	4.897 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	5469	0.623 ug/L #	82
47) Tetrachloroethene	10.86	164	2579	0.545 ug/L #	72
50) Dibromochloromethane	10.85	129	1907	0.359 ug/L #	9

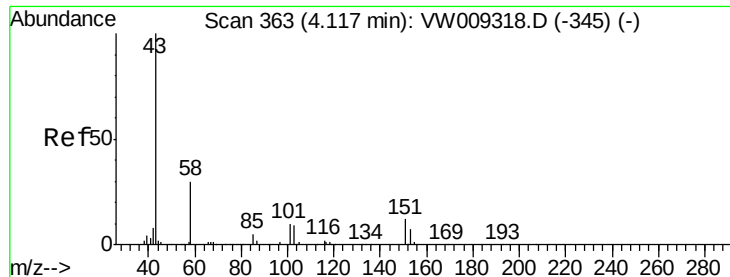
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.512 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009332.D

Acq: 21 Mar 2019 17:53

Instrument :

MSVOA_W

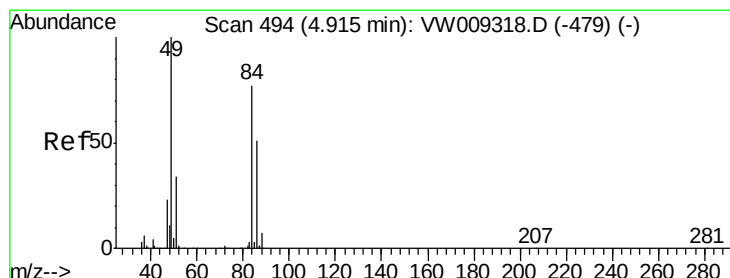
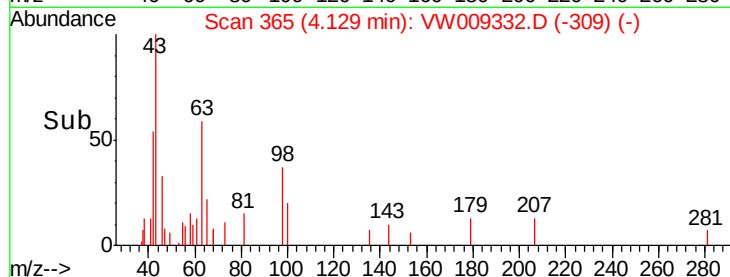
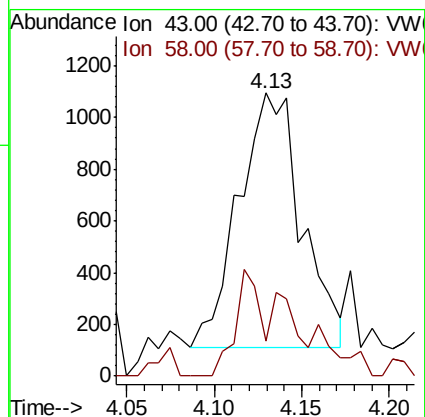
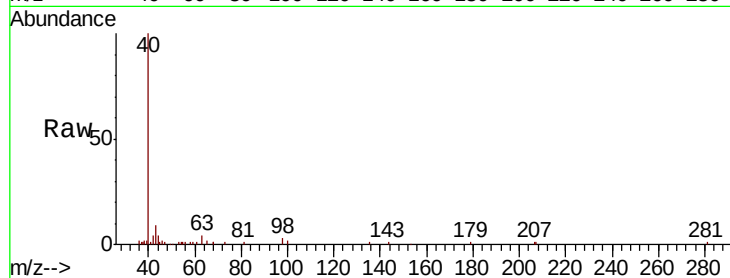
ClientSampled :

Tot Ion: 43 Resp: 2454

Ion Ratio Lower Upper

43 100

58 13.2 0.0 56.2



#16

Methylene chloride

Concen: 2.487 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009332.D

Acq: 21 Mar 2019 17:53

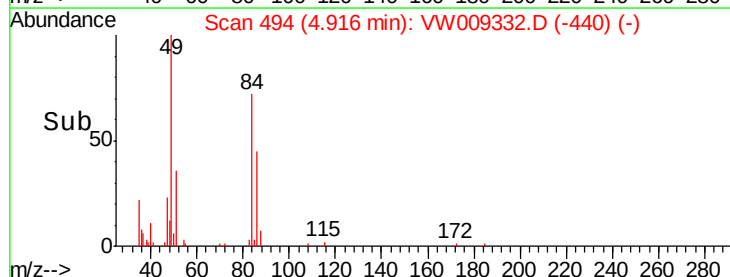
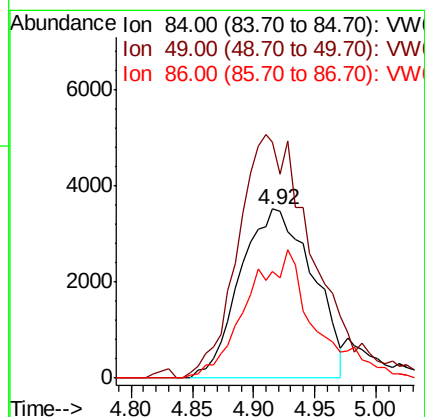
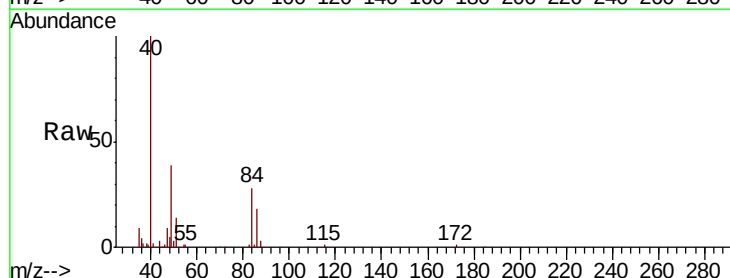
Tgt Ion: 84 Resp: 14524

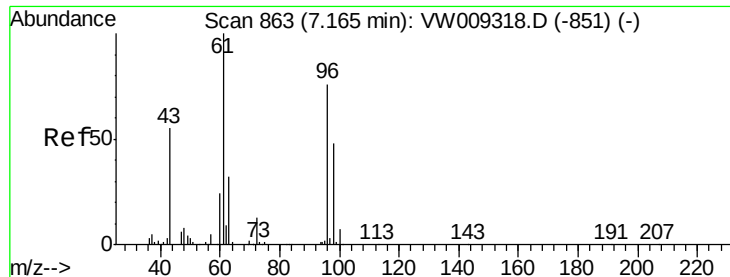
Ion Ratio Lower Upper

84 100

49 139.6 96.0 178.2

86 63.1 44.4 82.5



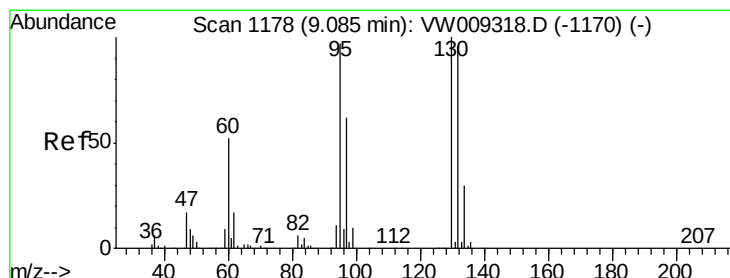
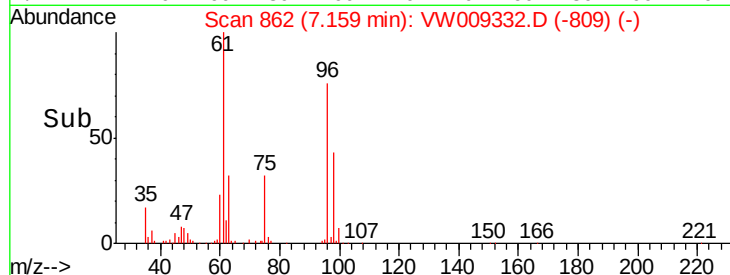
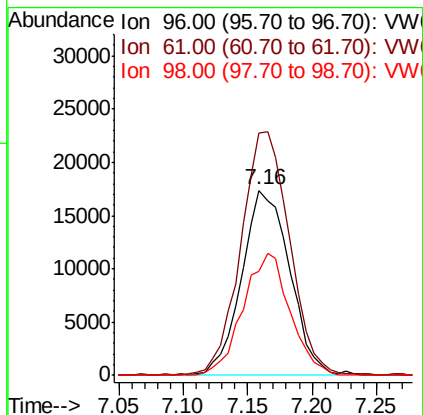
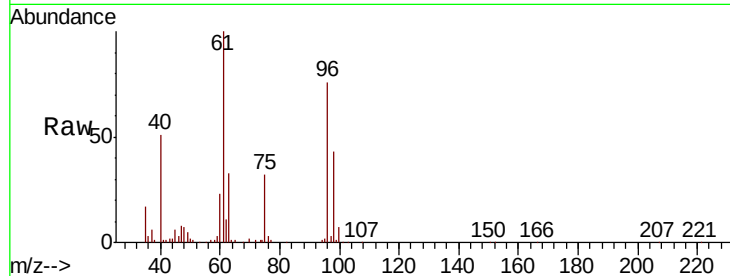


#22

cis-1,2-Dichloroethene
Concen: 8.009 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW009332.D
Acq: 21 Mar 2019 17:53

Instrument :
MSVOA_W
ClientSampleId :

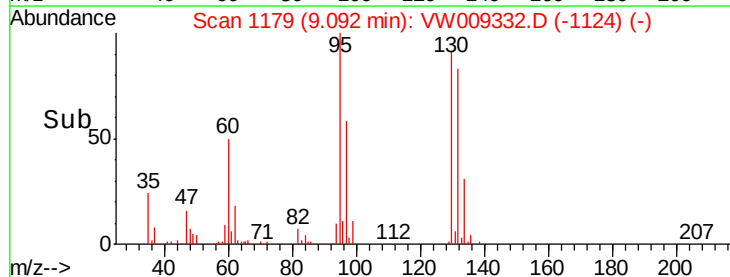
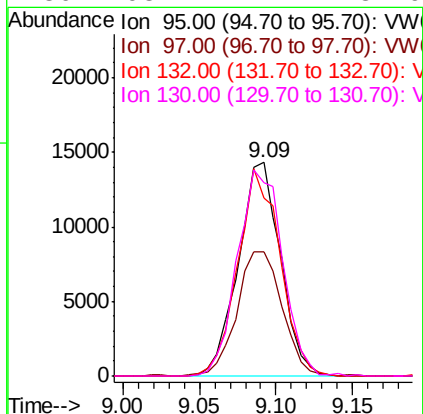
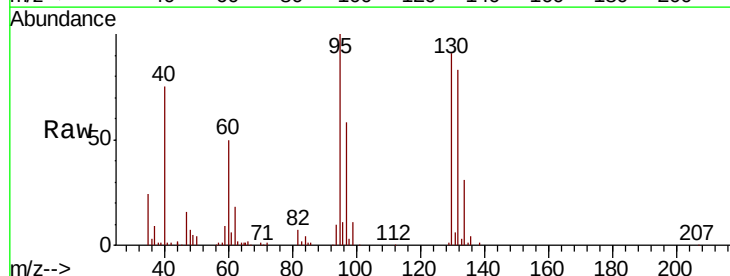
Tot Ion: 96 Resp: 44986
Ion Ratio Lower Upper
96 100
61 130.8 90.6 168.3
98 56.3 44.0 81.8

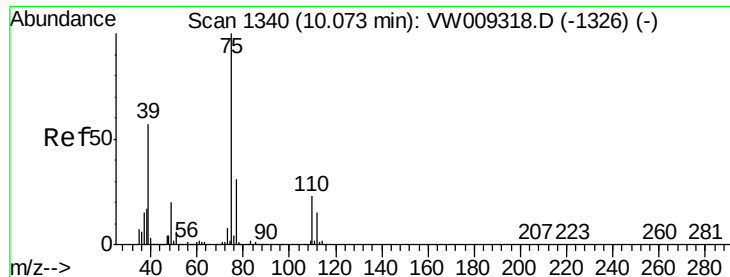


#35

Trichloroethene
Concen: 4.897 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009332.D
Acq: 21 Mar 2019 17:53

Tgt Ion: 95 Resp: 27426
Ion Ratio Lower Upper
95 100
97 62.5 44.7 82.9
132 97.2 69.0 128.2
130 103.2 72.7 134.9





#42

cis-1,3-Dichloropropene

Concen: 0.623 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009332.D

Acq: 21 Mar 2019 17:53

Instrument :

MSVOA_W

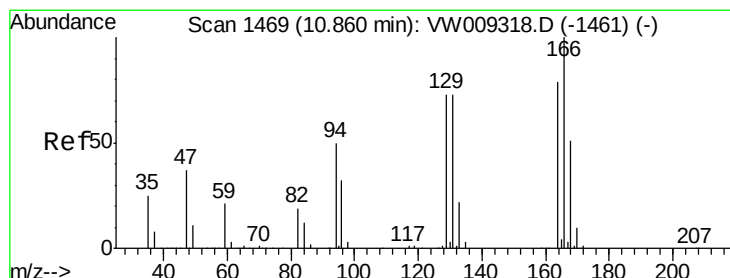
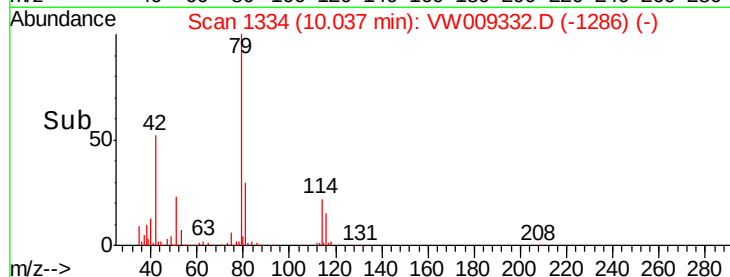
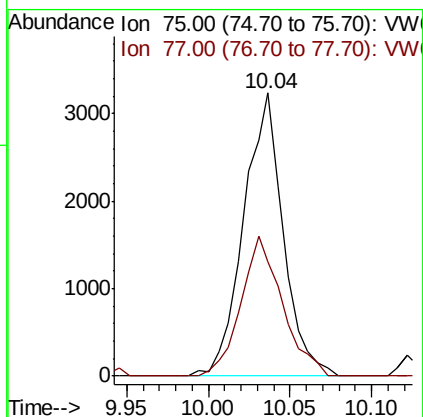
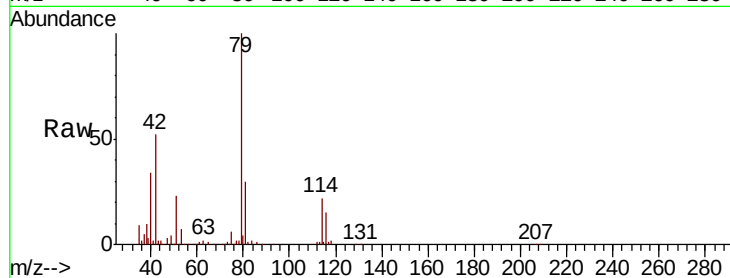
ClientSampleId :

Tot Ion: 75 Resp: 5469

Ion Ratio Lower Upper

75 100

77 40.6 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.545 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009332.D

Acq: 21 Mar 2019 17:53

Tgt Ion: 164 Resp: 2579

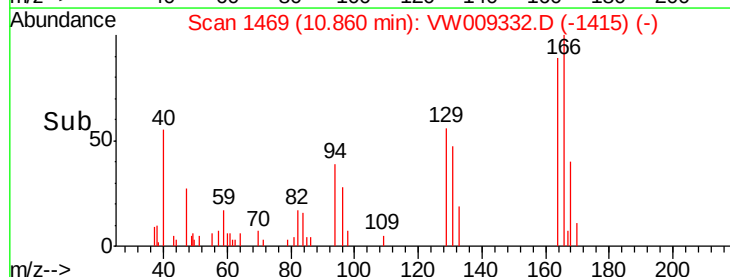
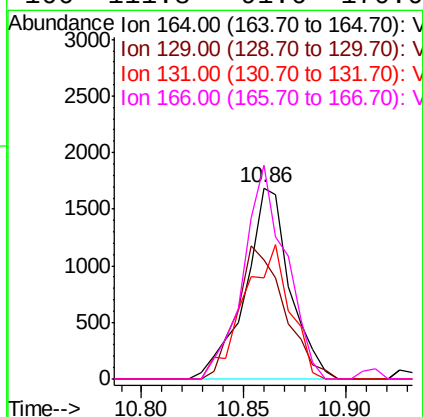
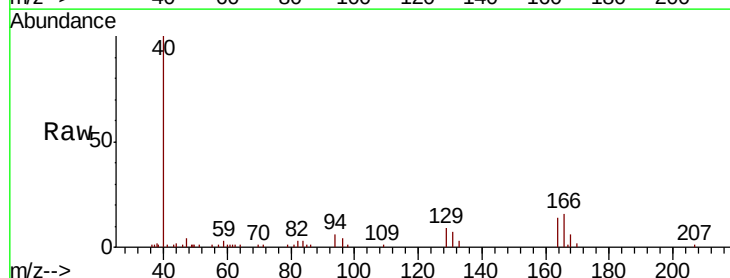
Ion Ratio Lower Upper

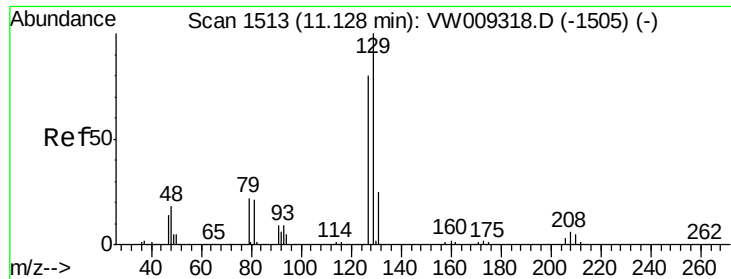
164 100

129 62.4 66.5 123.5#

131 52.8 62.6 116.3#

166 111.8 91.6 170.0





#50

Dibromochloromethane

Concen: 0.359 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.27 min

Lab File: VW009332.D

Acq: 21 Mar 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:129 Resp: 1907

Ion Ratio Lower Upper

129 100

127 0.0 56.8 105.6#

