

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009715.D
 Acq On : 05 Apr 2019 06:36
 Operator : SY/VA
 Sample : K2276-13
 Misc : 5.43G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF140

Quant Time: Apr 05 07:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 05:32:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339959	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332962	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140027	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115848	26.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.16%
7) Chloroethane-d5	2.89	69	102021	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.12%
10) 1,1-Dichloroethene-d2	4.01	63	190456	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.64%
20) 2-Butanone-d5	7.08	46	75027	51.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.88%
24) Chloroform-d	7.64	84	234087	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.30	65	148314	26.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.16%
29) Benzene-d6	8.27	84	440381	25.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.80%
33) 1,2-Dichloropropane-d6	9.27	67	135628	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.48%
37) Toluene-d8	10.32	98	394873	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	10.58	79	57345	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.08%
39) 2-Hexanone-d5	10.93	63	54362	53.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122414	24.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	138401	28.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.68%

Target Compounds

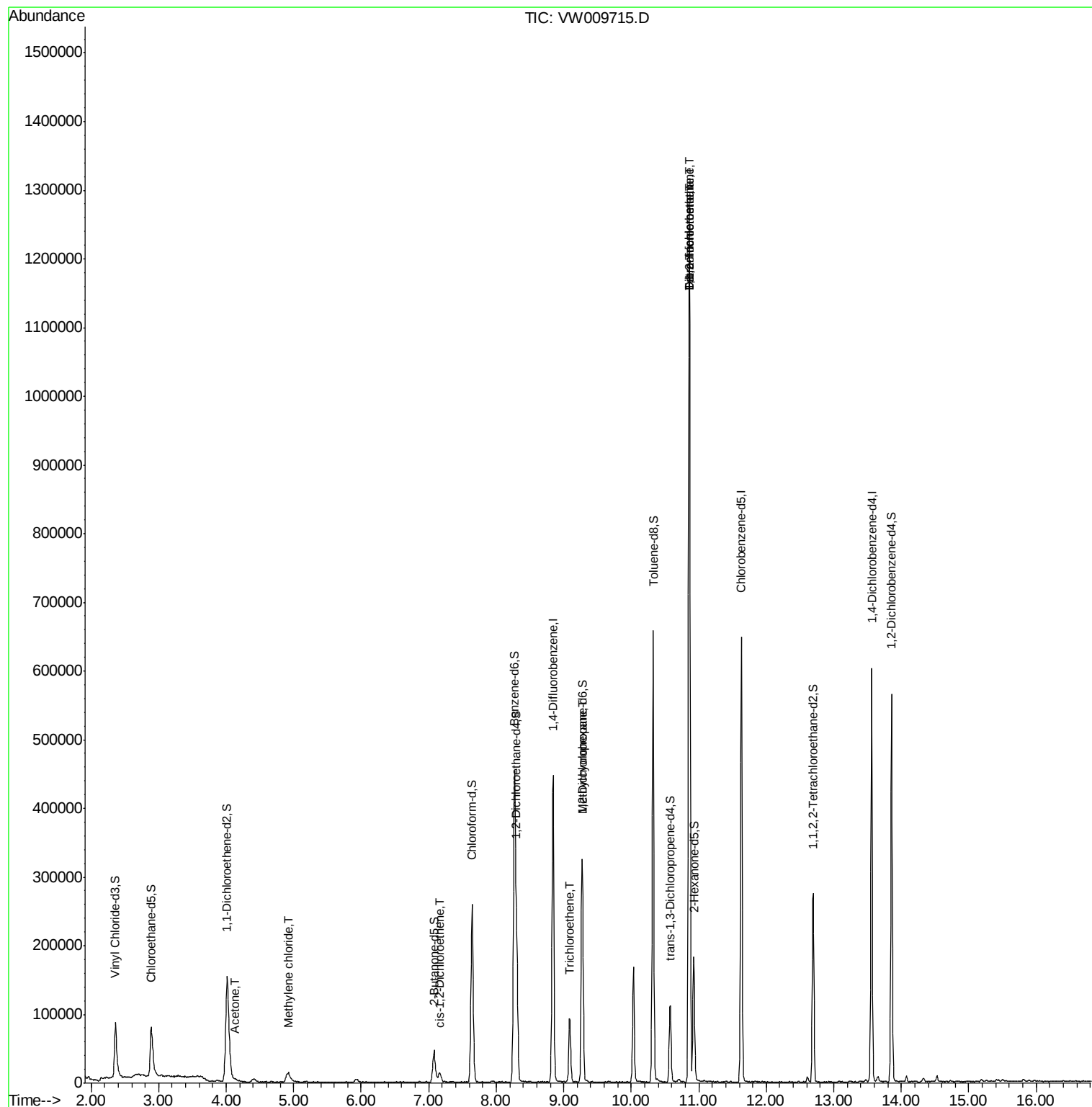
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.13	43	2278	1.472	ug/L	81
16) Methylene chloride	4.92	84	12426	2.073	ug/L	91
22) cis-1,2-Dichloroethene	7.16	96	3133	0.624	ug/L	90
35) Trichloroethene	9.09	95	28984	5.529	ug/L	97
36) Methylcyclohexane	9.27	83	33944	3.938	ug/L #	17
46) 1,1,2-Trichloroethane	10.86	97	2508	0.652	ug/L #	21
47) Tetrachloroethene	10.86	164	253823	61.472	ug/L	99
50) Dibromochloromethane	10.86	129	240780	50.917	ug/L #	12

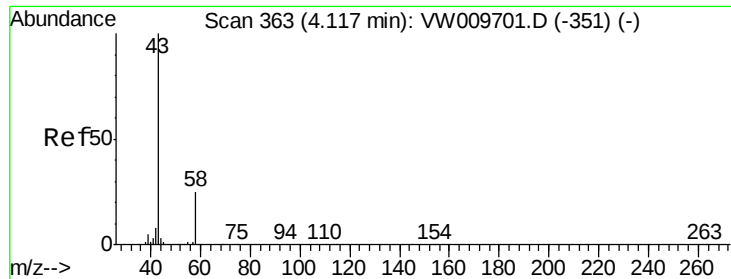
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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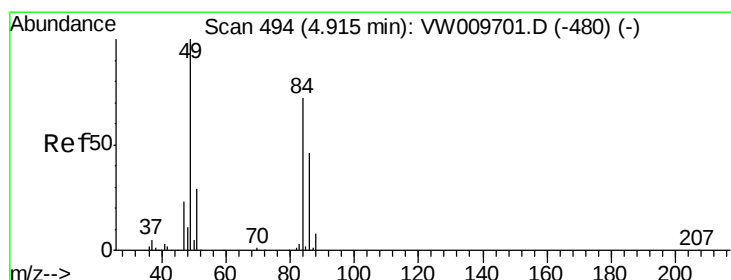
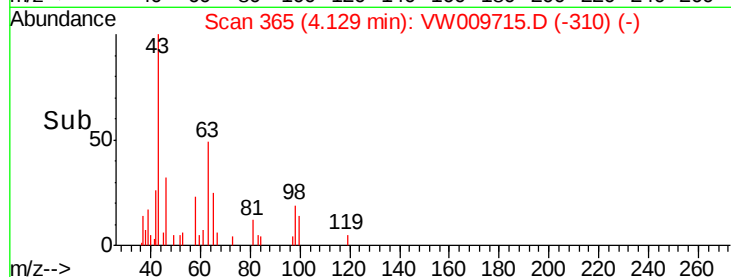
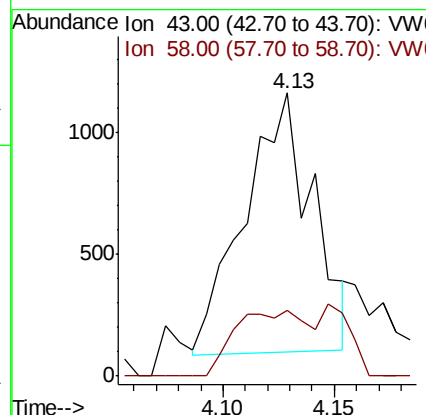
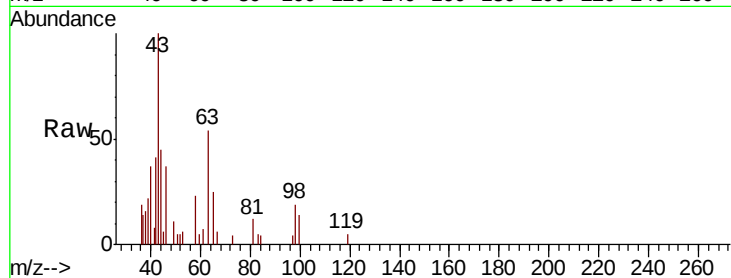




#13
Acetone
Concen: 1.472 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW009715.D
Acq: 05 Apr 2019 06:36

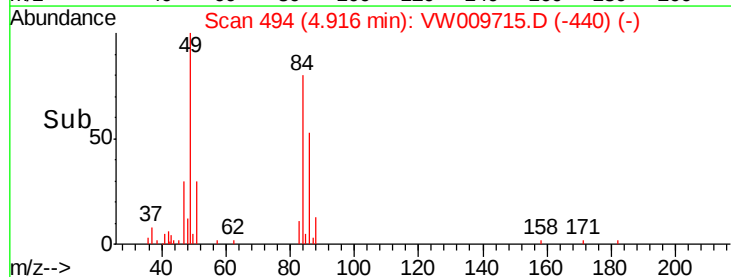
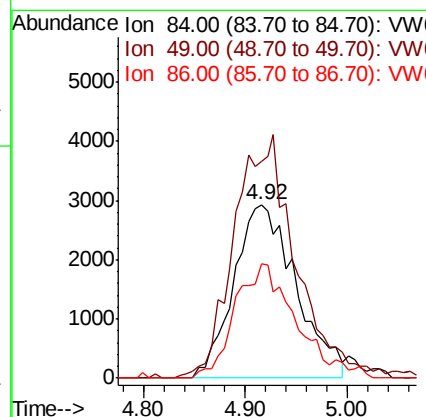
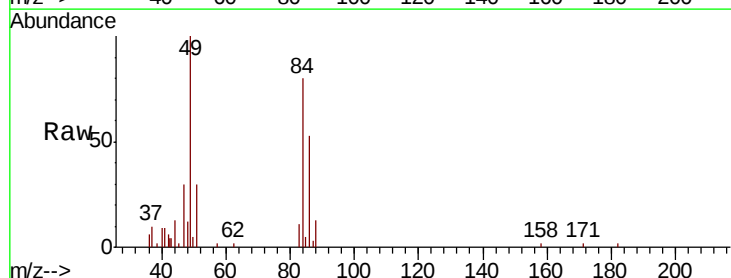
Instrument :
MSVOA_W
ClientSampleId :
BF140

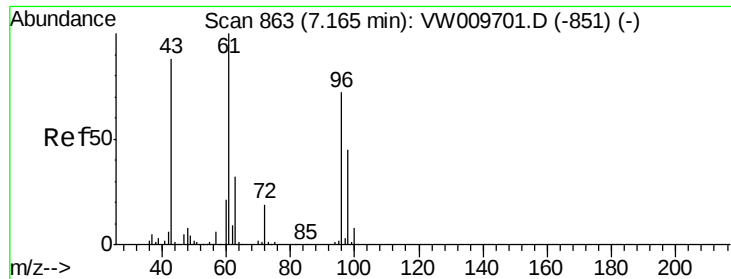
Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
58 16.5 0.0 53.0



#16
Methylene chloride
Concen: 2.073 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009715.D
Acq: 05 Apr 2019 06:36

Tgt Ion: 84 Resp: 12426
Ion Ratio Lower Upper
84 100
49 125.0 98.3 182.5
86 65.9 46.4 86.2



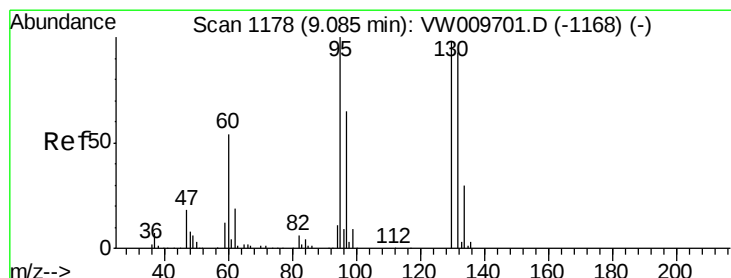
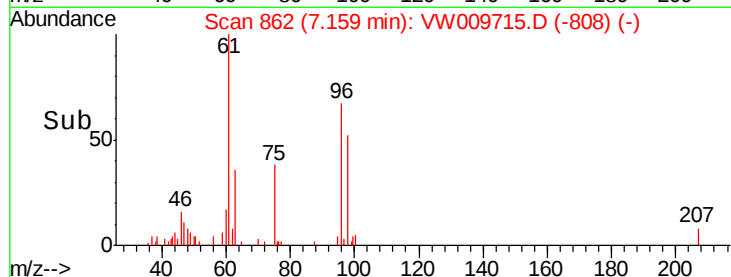
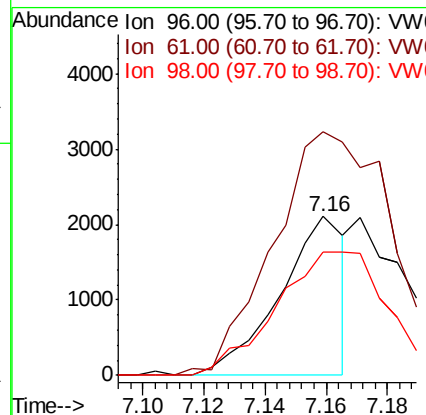
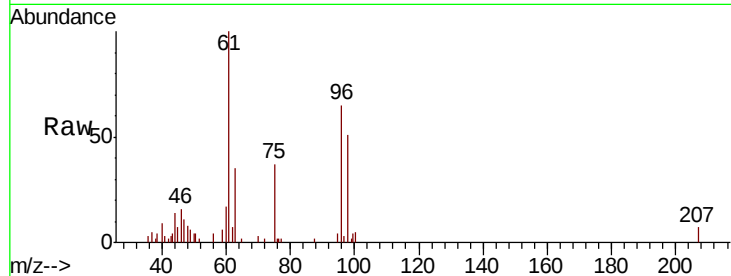


#22

cis-1,2-Dichloroethene
Concen: 0.624 ug/L
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: VW009715.D
Acq: 05 Apr 2019 06:36

Instrument :
MSVOA_W
ClientSampled :
BF140

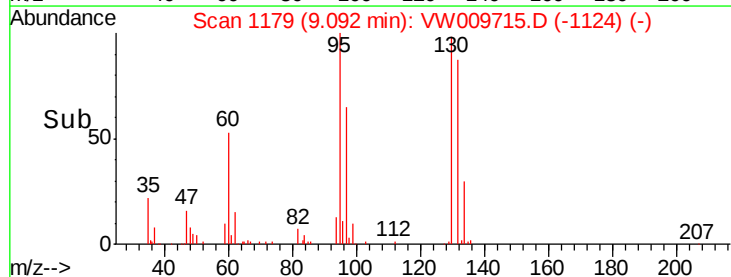
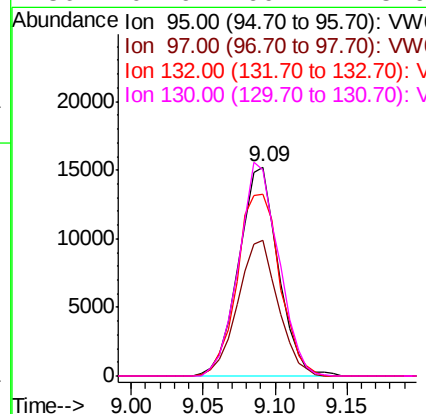
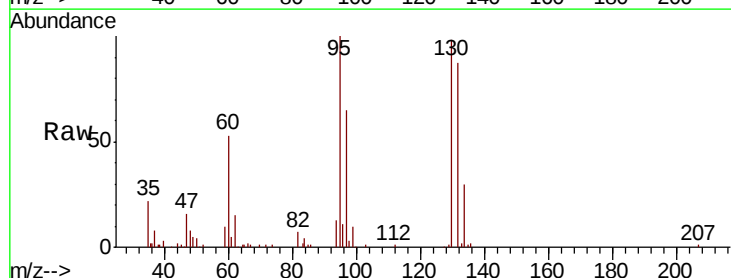
Tgt Ion: 96 Resp: 3133
Ion Ratio Lower Upper
96 100
61 147.2 96.8 179.8
98 74.7 43.5 80.9

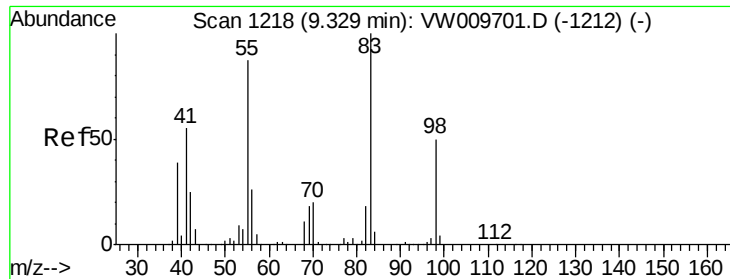


#35

Trichloroethene
Concen: 5.529 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009715.D
Acq: 05 Apr 2019 06:36

Tgt Ion: 95 Resp: 28984
Ion Ratio Lower Upper
95 100
97 66.0 44.9 83.5
132 94.4 67.1 124.7
130 102.9 69.2 128.6

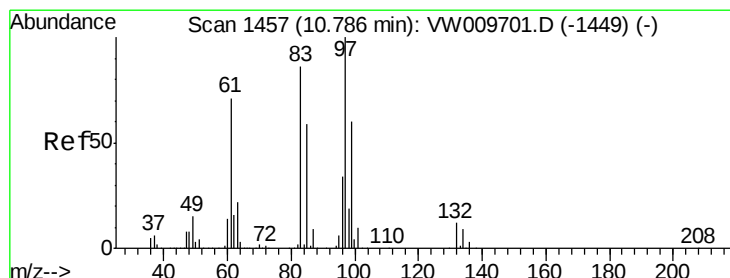
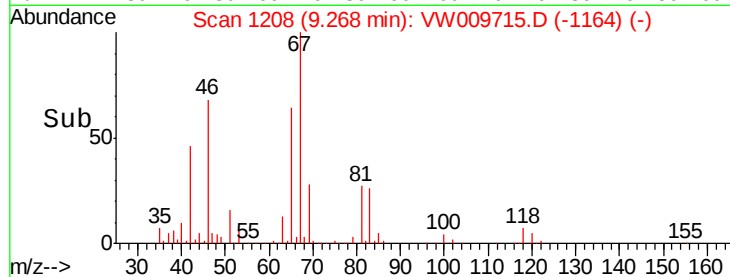
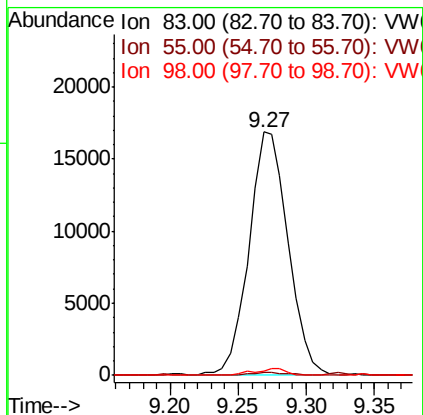
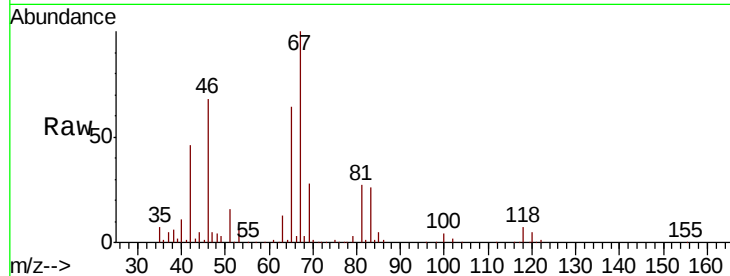




#36
Methylcyclohexane
Concen: 3.938 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW009715.D
Acq: 05 Apr 2019 06:36

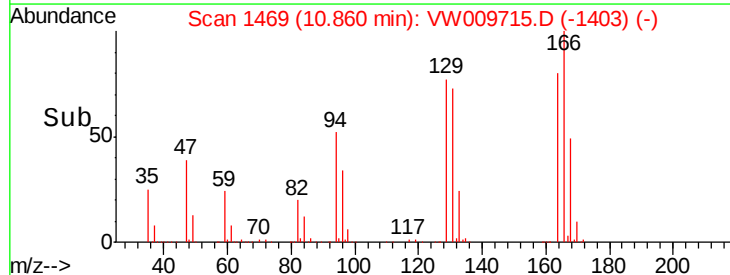
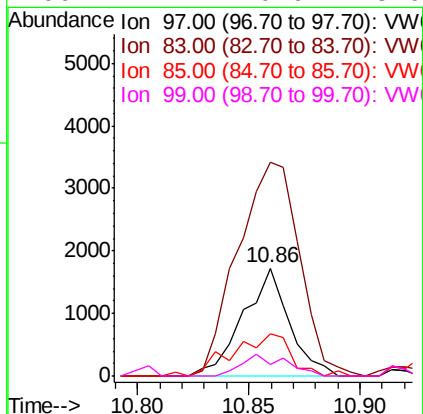
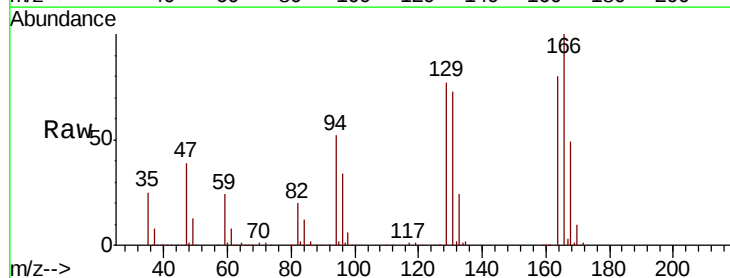
Instrument :
MSVOA_W
ClientSampleId :
BF140

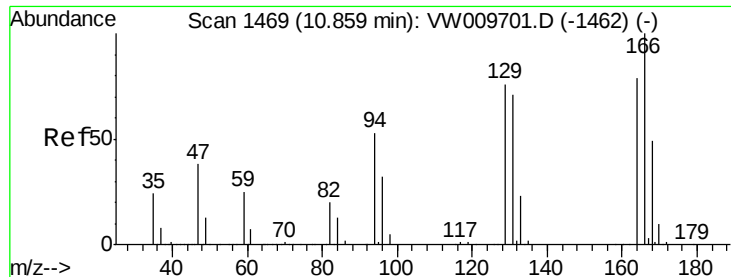
Tgt Ion: 83 Resp: 33944
Ion Ratio Lower Upper
83 100
55 1.0 66.3 99.5#
98 1.6 39.4 59.0#



#46
1,1,2-Trichloroethane
Concen: 0.652 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.07 min
Lab File: VW009715.D
Acq: 05 Apr 2019 06:36

Tgt Ion: 97 Resp: 2508
Ion Ratio Lower Upper
97 100
83 197.9 57.3 106.3#
85 39.5 38.1 70.7
99 11.1 40.9 75.9#





#47

Tetrachloroethene

Concen: 61.472 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009715.D

Acq: 05 Apr 2019 06:36

Instrument :

MSVOA_W

ClientSampled :

BF140

Tgt Ion:164 Resp: 253823

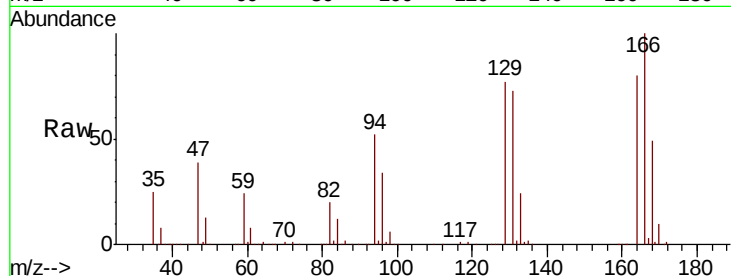
Ion Ratio Lower Upper

164 100

129 96.2 68.9 127.9

131 91.2 63.1 117.1

166 125.6 88.5 164.4

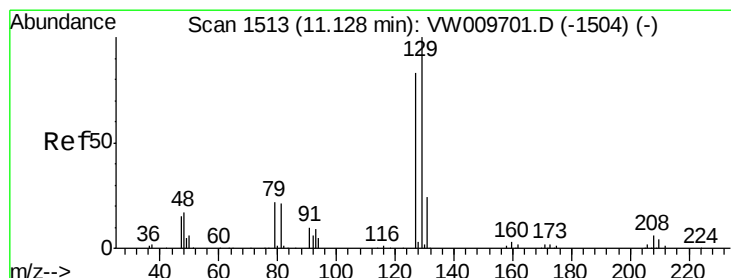
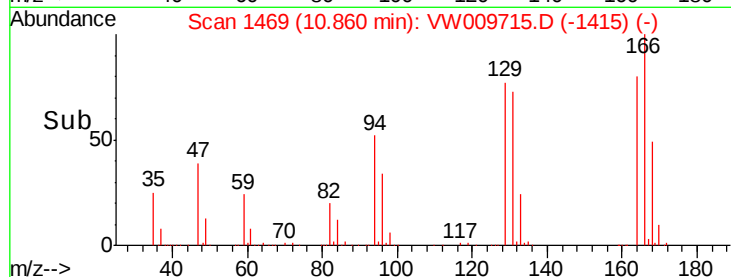
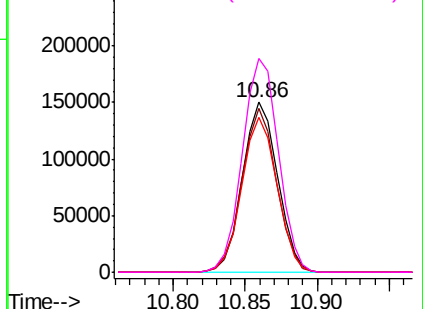


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 50.917 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009715.D

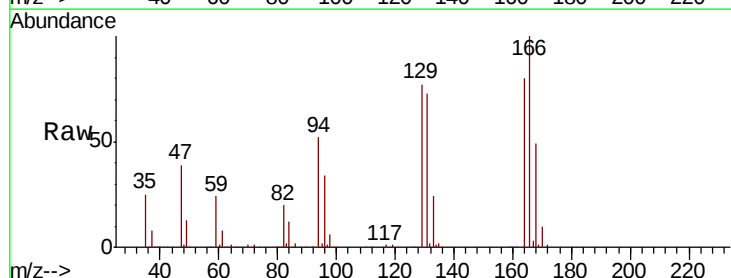
Acq: 05 Apr 2019 06:36

Tgt Ion:129 Resp: 240780

Ion Ratio Lower Upper

129 100

127 0.2 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

