

Data File : VW014229.D
Acq On : 05 Dec 2019 22:20
Operator : SY/VA
Sample : K6149-13
Misc : 4.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBS7

Quant Time: Dec 06 06:54:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	45151	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	40195	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	6413	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14730	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
7) Chloroethane-d5	2.89	69	16228	31.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.68%
10) 1,1-Dichloroethene-d2	4.03	63	20083	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	7.09	46	5264	29.55	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.10%
24) Chloroform-d	7.64	84	32294	28.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.36%
26) 1,2-Dichloroethane-d4	8.40	65	103	0.17	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.68%#
29) Benzene-d6	8.27	84	62910	26.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.84%
33) 1,2-Dichloropropane-d6	9.27	67	19916	27.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.92%
37) Toluene-d8	10.32	98	47749	22.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.68%
38) trans-1,3-Dichloropropene-	10.59	79	6179	20.32	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.28%
39) 2-Hexanone-d5	10.93	63	2269	15.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	11436	19.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	7825	31.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.72%#

Target Compounds

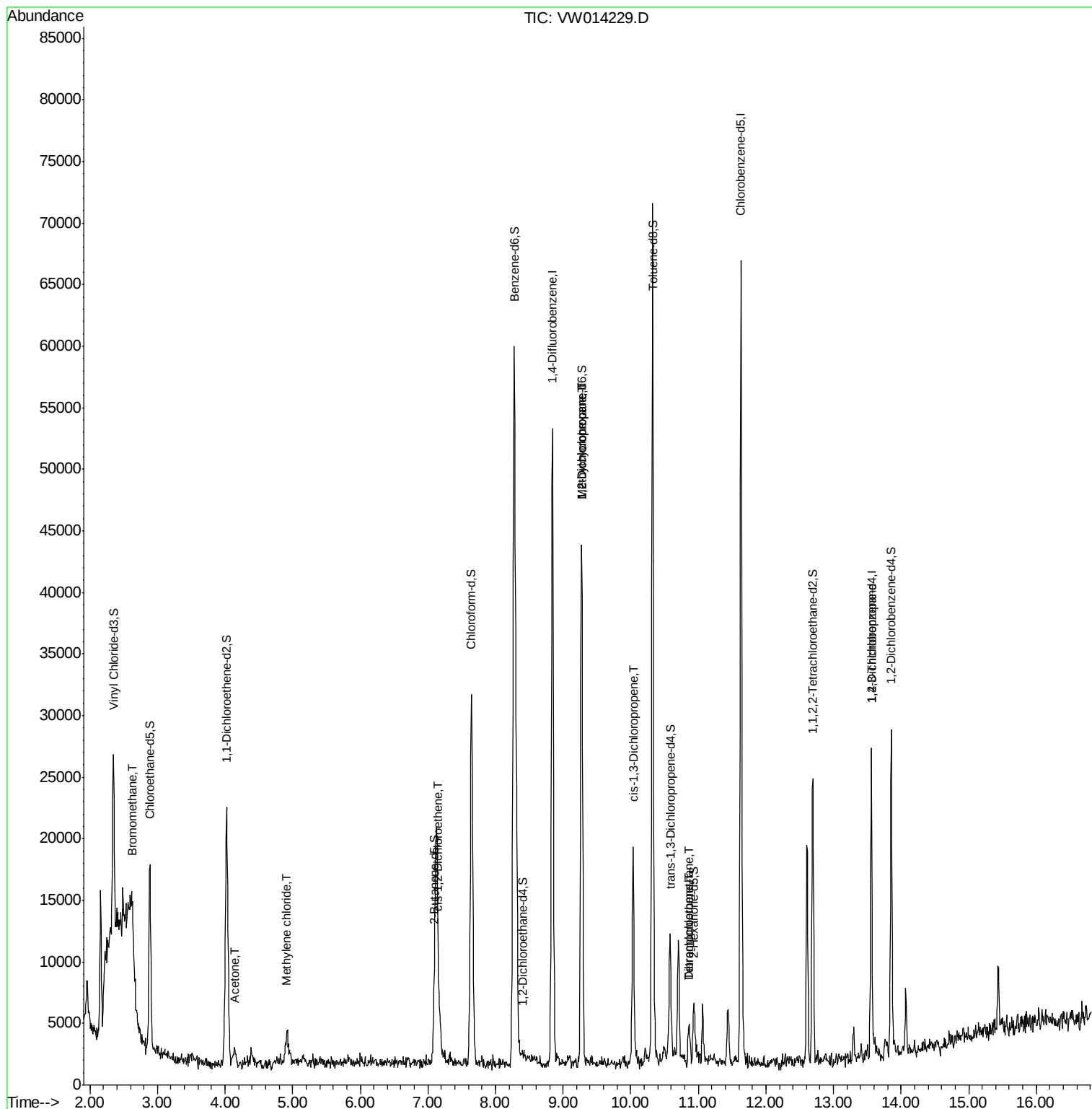
					Qvalue
6) Bromomethane	2.64	94	176	0.446 ug/L	57
13) Acetone	4.13	43	2246	13.075 ug/L	51
16) Methylene chloride	4.92	84	2051	2.963 ug/L	79
22) cis-1,2-Dichloroethene	7.16	96	820	1.194 ug/L #	71
36) Methylcyclohexane	9.27	83	5173	4.728 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	2318	3.545 ug/L #	91
42) cis-1,3-Dichloropropene	10.04	75	446	0.455 ug/L	86
47) Tetrachloroethene	10.87	164	276	0.509 ug/L	85
50) Dibromochloromethane	10.86	129	789	1.435 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	795	1.759 ug/L	93

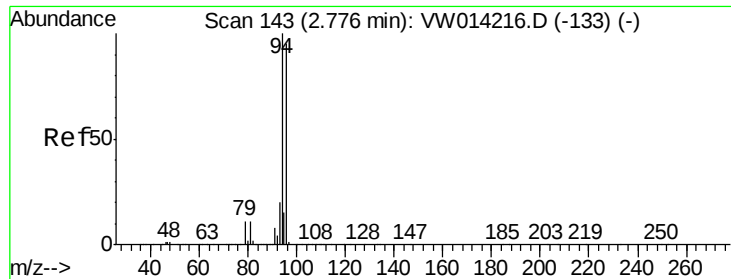
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014229.D
Acq On : 05 Dec 2019 22:20
Operator : SY/VA
Sample : K6149-13
Misc : 4.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBS7

Quant Time: Dec 06 06:54:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.446 ug/L

RT: 2.64 min Scan# 120

Delta R.T. -0.14 min

Lab File: VW014229.D

Acq: 05 Dec 2019 22:20

Instrument :

MSVOA_W

ClientSampleId :

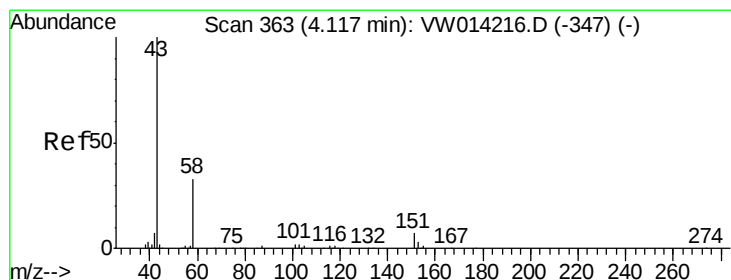
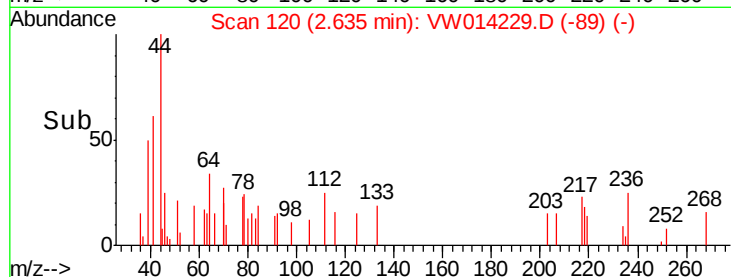
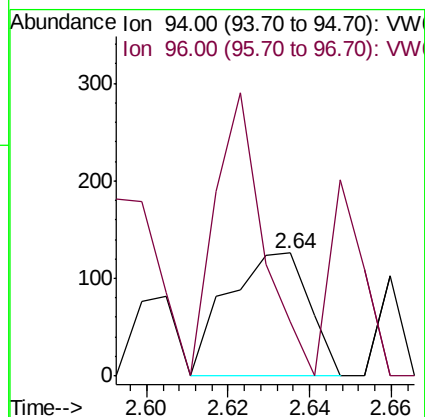
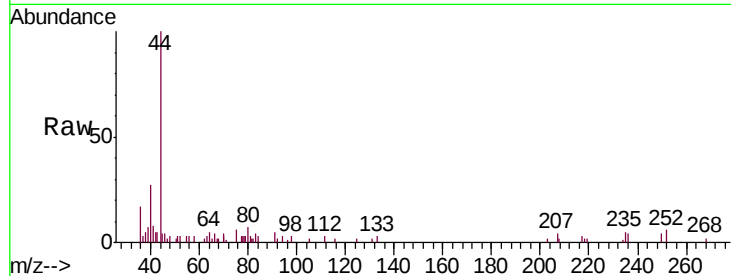
DBBS7

Tgt Ion: 94 Resp: 176

Ion Ratio Lower Upper

94 100

96 135.2 9.4 178.8



#13

Acetone

Concen: 13.075 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW014229.D

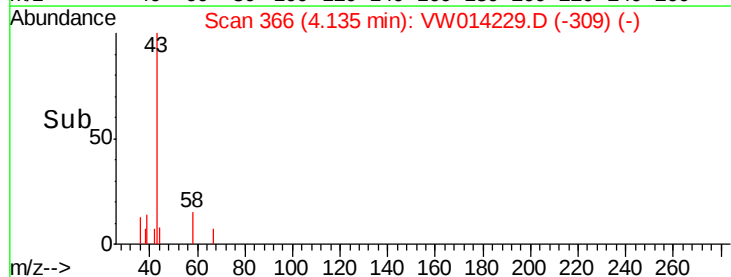
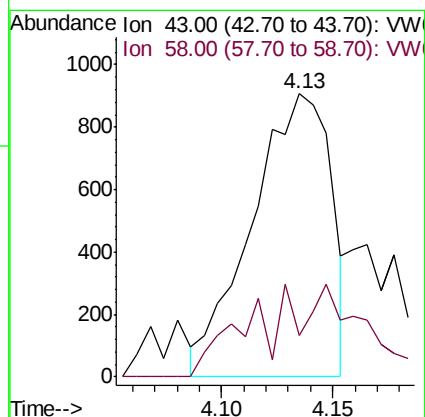
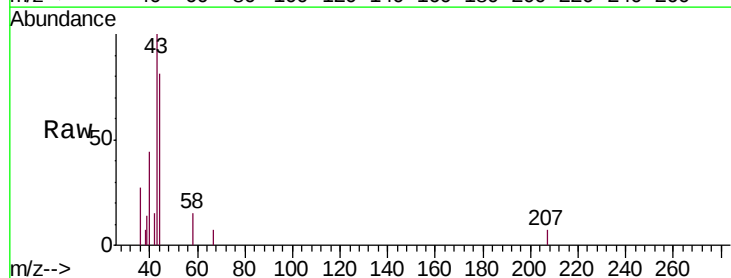
Acq: 05 Dec 2019 22:20

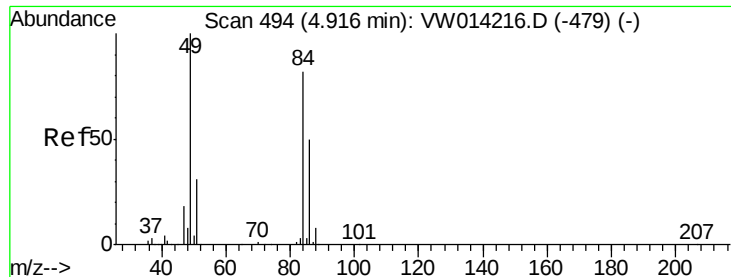
Tgt Ion: 43 Resp: 2246

Ion Ratio Lower Upper

43 100

58 5.3 0.0 65.4

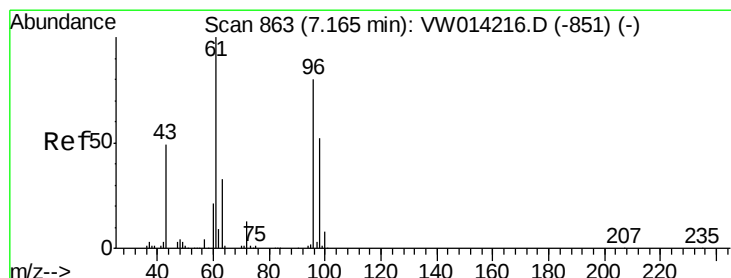
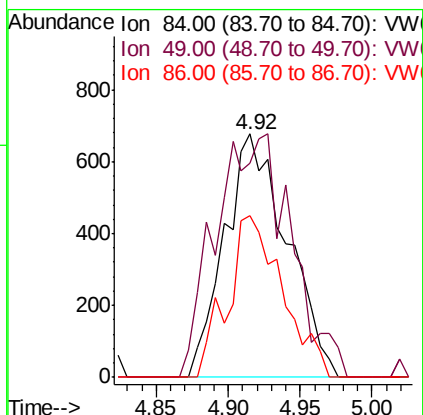
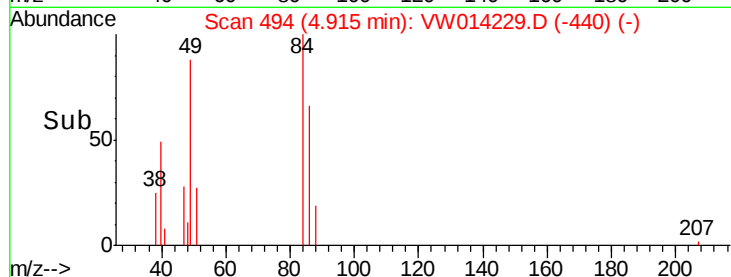
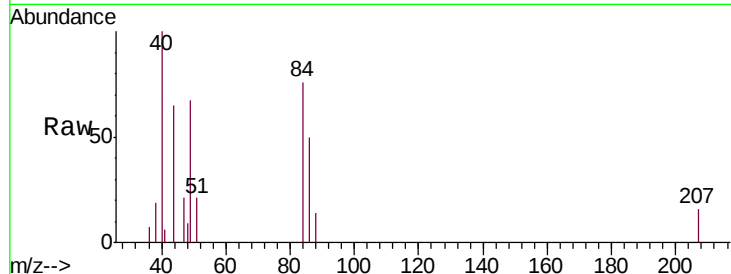




#16
Methylene chloride
Concen: 2.963 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014229.D
Acq: 05 Dec 2019 22:20

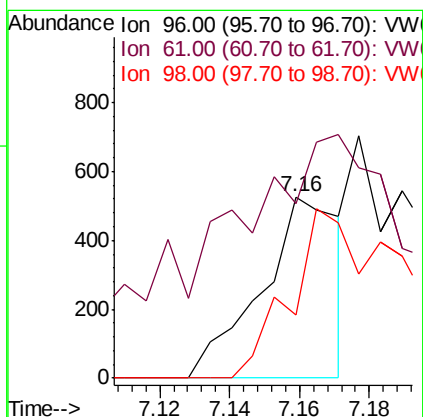
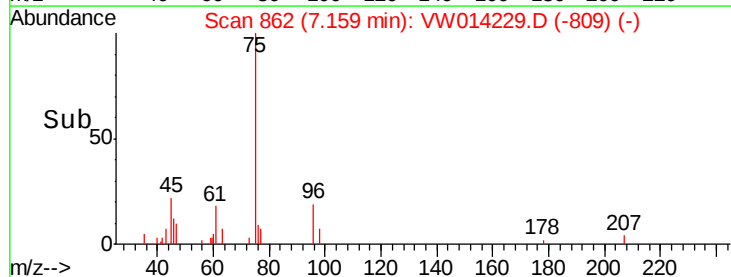
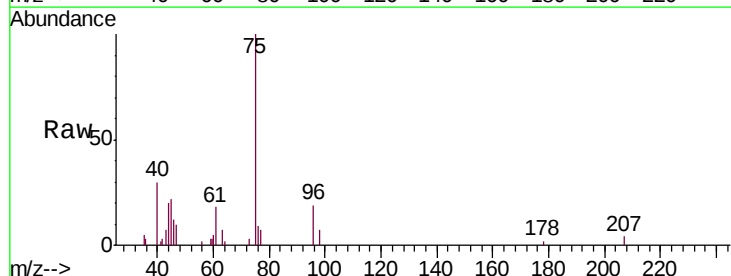
Instrument :
MSVOA_W
ClientSampled :
DBBS7

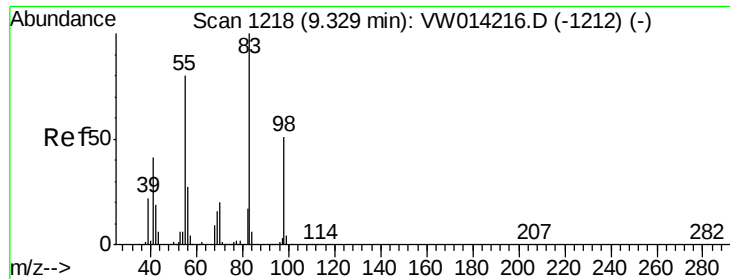
Tgt Ion: 84 Resp: 2051
Ion Ratio Lower Upper
84 100
49 87.9 84.2 156.4
86 66.5 43.7 81.1



#22
cis-1,2-Dichloroethene
Concen: 1.194 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW014229.D
Acq: 05 Dec 2019 22:20

Tgt Ion: 96 Resp: 820
Ion Ratio Lower Upper
96 100
61 96.4 86.9 161.5
98 35.1 45.5 84.5#

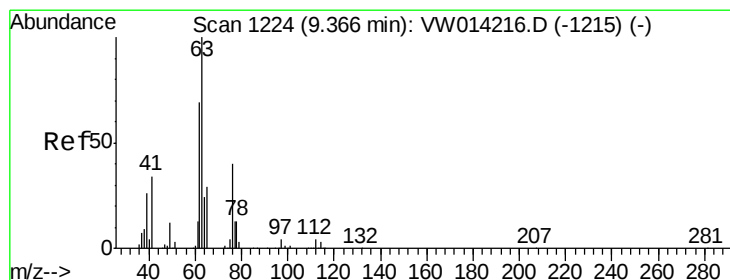
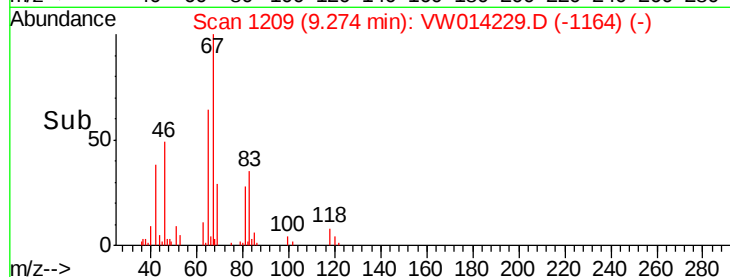
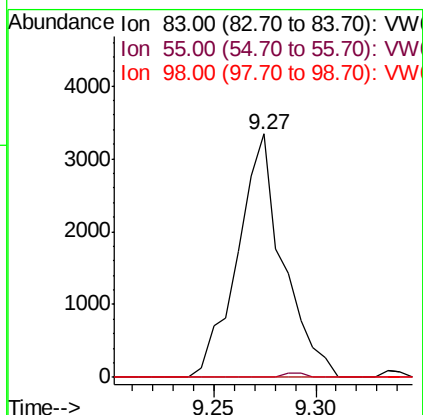
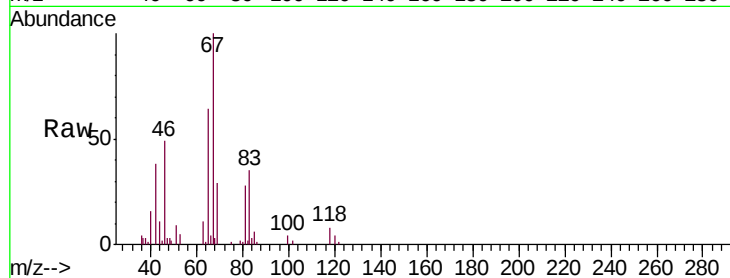




#36
Methylcyclohexane
Concen: 4.728 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW014229.D
Acq: 05 Dec 2019 22:20

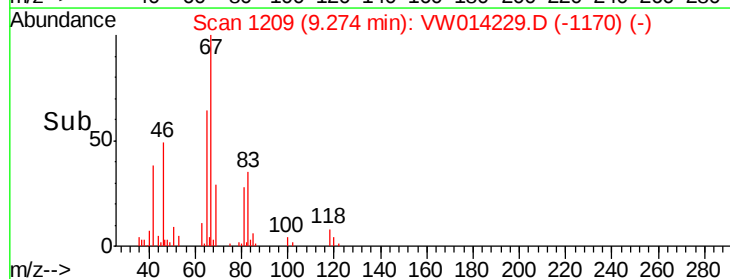
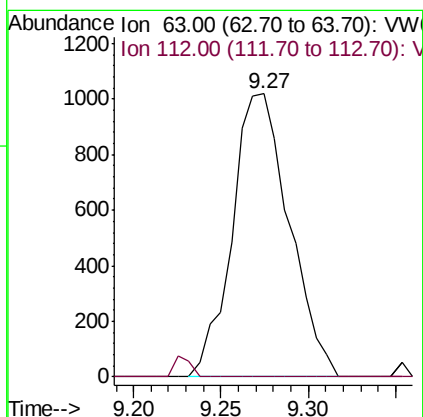
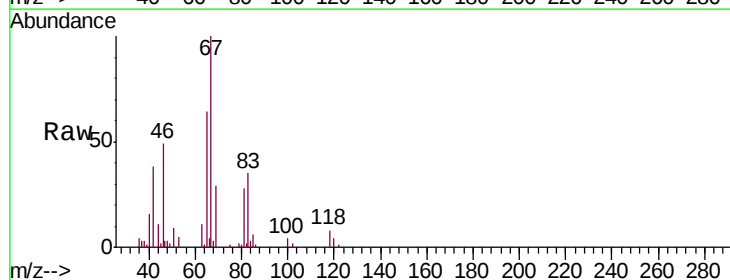
Instrument :
MSVOA_W
ClientSampleId :
DBBS7

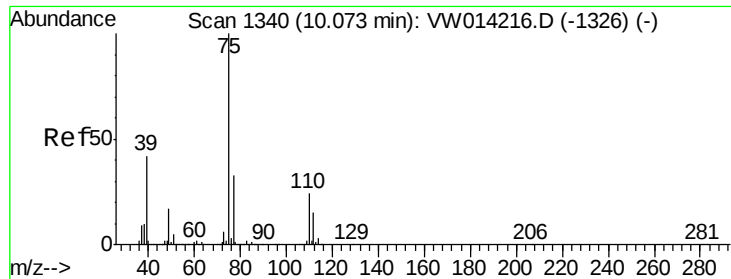
Tgt Ion: 83 Resp: 5173
Ion Ratio Lower Upper
83 100
55 0.9 59.8 89.8#
98 0.0 39.5 59.3#



#40
1,2-Dichloropropane
Concen: 3.545 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW014229.D
Acq: 05 Dec 2019 22:20

Tgt Ion: 63 Resp: 2318
Ion Ratio Lower Upper
63 100
112 2.1 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.455 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014229.D

Acq: 05 Dec 2019 22:20

Instrument :

MSVOA_W

ClientSampled :

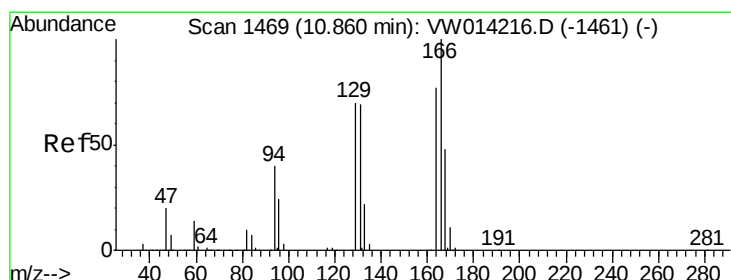
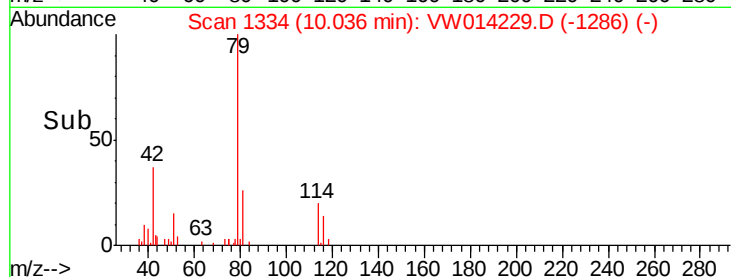
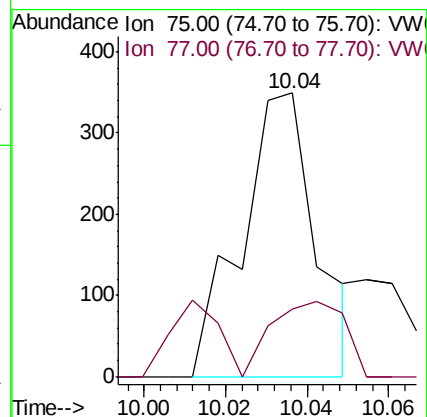
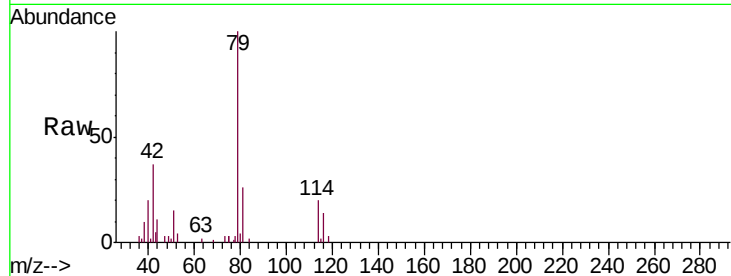
DBBS7

Tgt Ion: 75 Resp: 446

Ion Ratio Lower Upper

75 100

77 23.8 22.1 41.1



#47

Tetrachloroethene

Concen: 0.509 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW014229.D

Acq: 05 Dec 2019 22:20

Tgt Ion: 164 Resp: 276

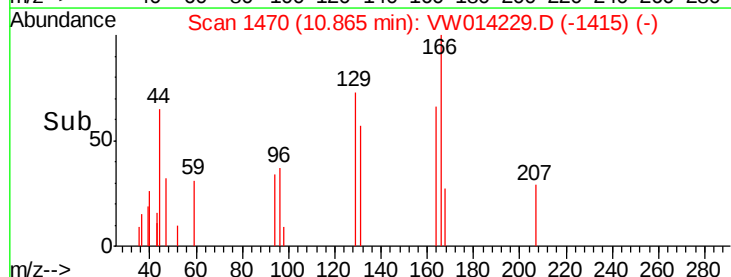
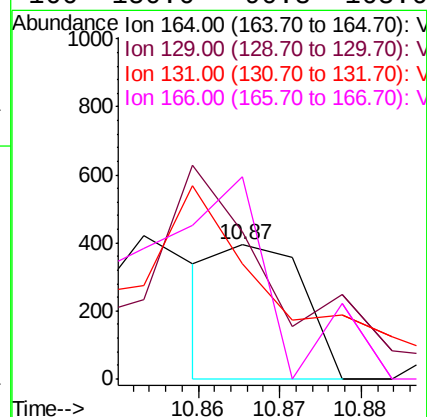
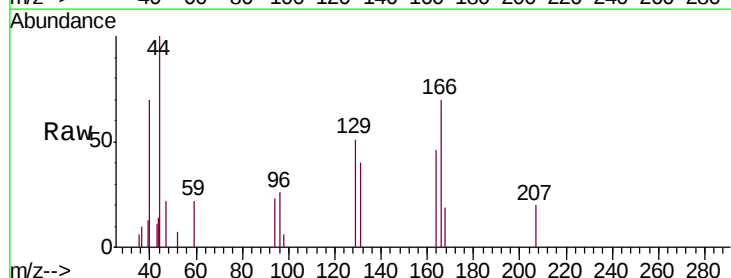
Ion Ratio Lower Upper

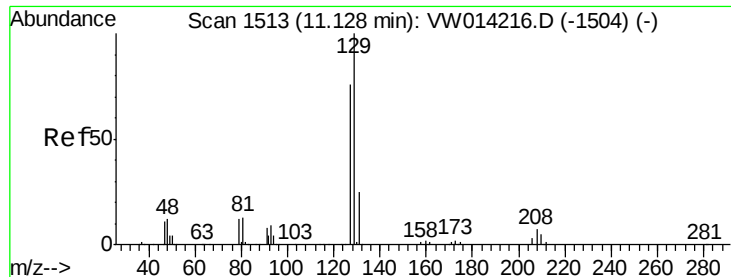
164 100

129 109.6 60.6 112.6

131 85.6 59.1 109.7

166 150.6 90.8 168.6





#50

Dibromochloromethane

Concen: 1.435 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW014229.D

Acq: 05 Dec 2019 22:20

Instrument :

MSVOA_W

ClientSampleId :

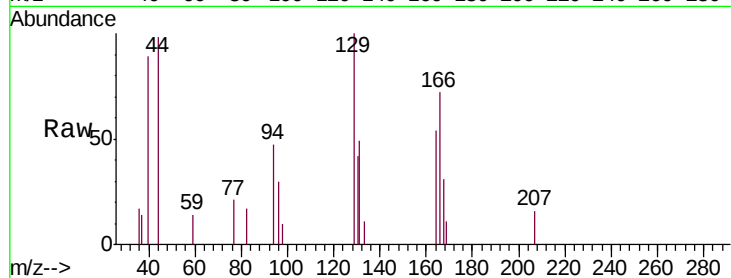
DBBS7

Tgt Ion:129 Resp: 789

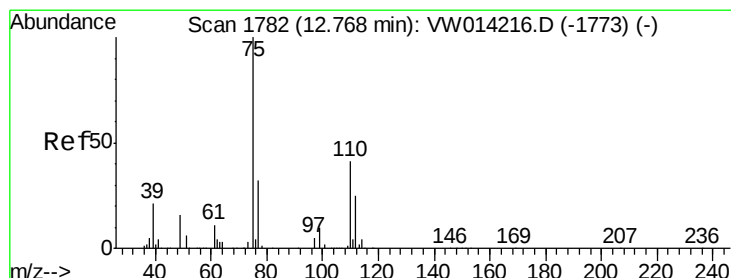
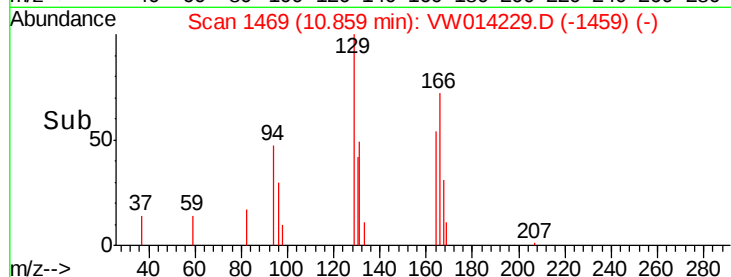
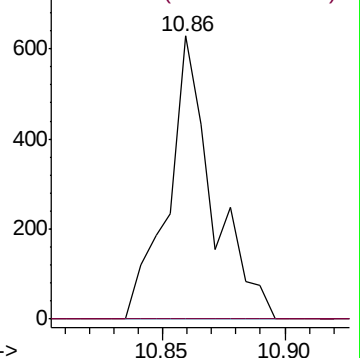
Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



Abundance Ion 129.00 (128.70 to 129.70): V



#59

1,2,3-Trichloropropane

Concen: 1.759 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW014229.D

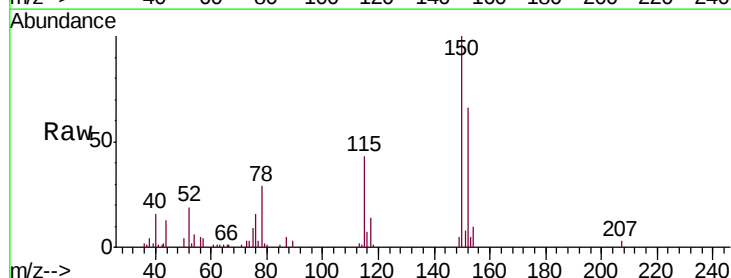
Acq: 05 Dec 2019 22:20

Tgt Ion: 75 Resp: 795

Ion Ratio Lower Upper

75 100

77 36.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

