

Data File : VW014231.D
Acq On : 05 Dec 2019 23:13
Operator : SY/VA
Sample : K6149-15
Misc : 5.72G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBT0

Quant Time: Dec 06 06:55:16 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	459920	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456006	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170755	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	176112	25.29	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.16%
7) Chloroethane-d5	2.89	69	135637	26.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.76%
10) 1,1-Dichloroethene-d2	4.01	63	243814	19.82	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.28%
20) 2-Butanone-d5	7.07	46	92104	50.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.50%
24) Chloroform-d	7.64	84	329599	28.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	8.46	65	132	0.02	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	669322	25.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.16%
33) 1,2-Dichloropropane-d6	9.27	67	219433	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.76%
37) Toluene-d8	10.32	98	568727	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.12%
38) trans-1,3-Dichloropropene-	10.57	79	83744	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.12%
39) 2-Hexanone-d5	10.92	63	65604	40.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	172134	25.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	187511	28.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.96%

Target Compounds

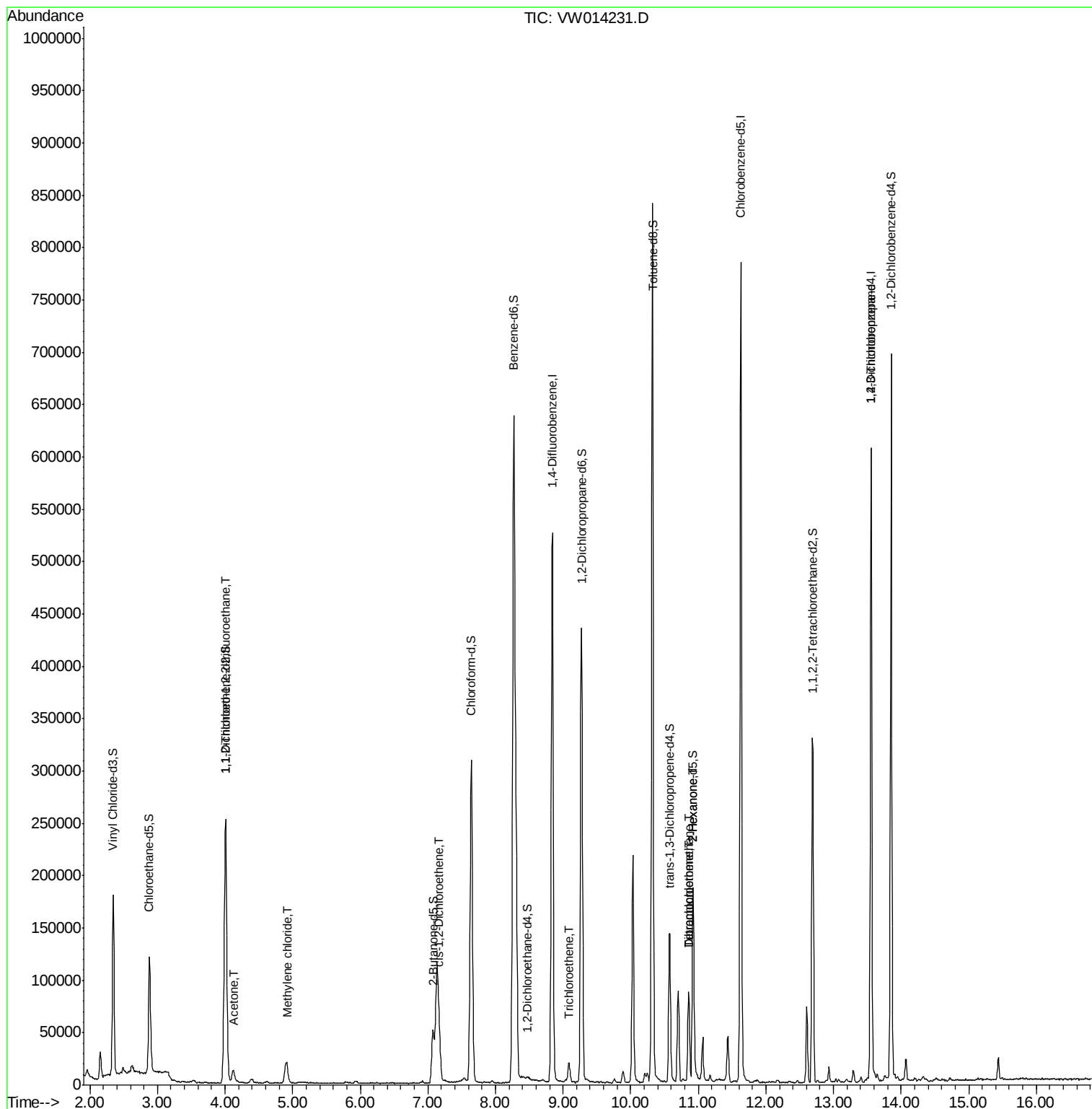
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.00	101	2280	0.376 ug/L #	17
13) Acetone	4.13	43	21653	12.375 ug/L	68
16) Methylene chloride	4.91	84	15445	2.191 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	24291	3.471 ug/L	97
35) Trichloroethene	9.09	95	6274	0.849 ug/L	96
47) Tetrachloroethene	10.86	164	20882	3.391 ug/L	90
49) 2-Hexanone	10.93	43	9270	2.662 ug/L #	70
50) Dibromochloromethane	10.86	129	19218	3.081 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	20251	3.950 ug/L	94

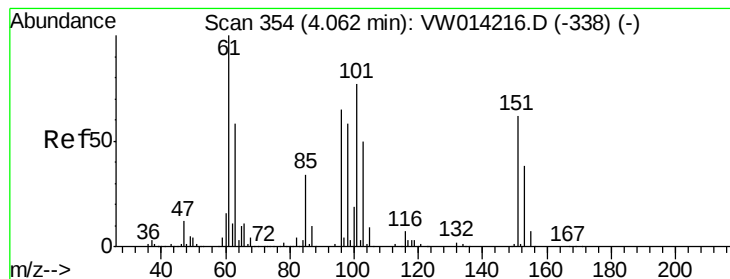
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.376 ug/L

RT: 4.00 min Scan# 344

Delta R.T. -0.06 min

Lab File: VW014231.D

Acq: 05 Dec 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

DBBT0

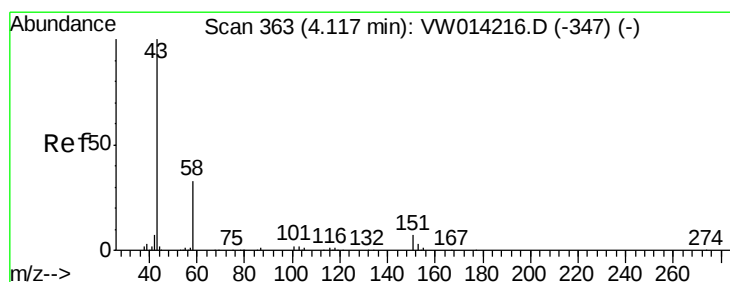
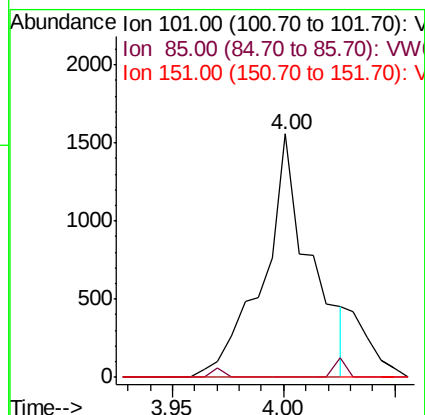
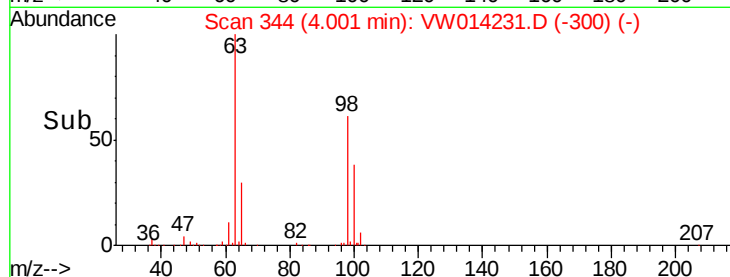
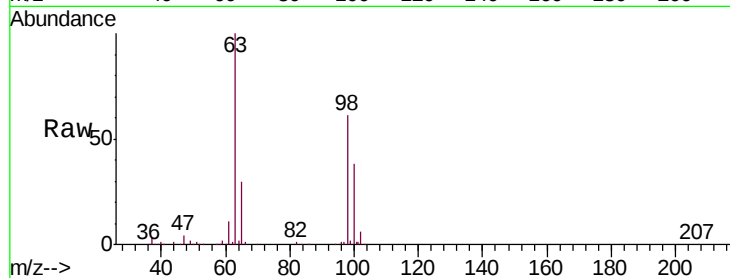
Tgt Ion:101 Resp: 2280

Ion Ratio Lower Upper

101 100

85 0.0 31.4 47.2#

151 0.0 66.9 100.3#



#13

Acetone

Concen: 12.375 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014231.D

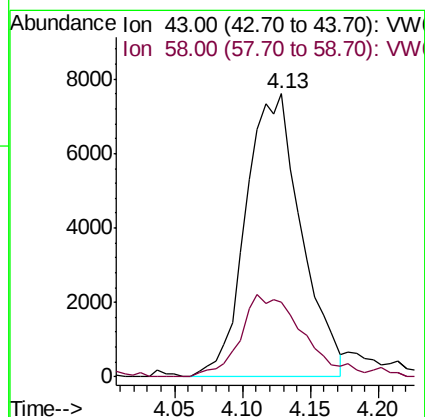
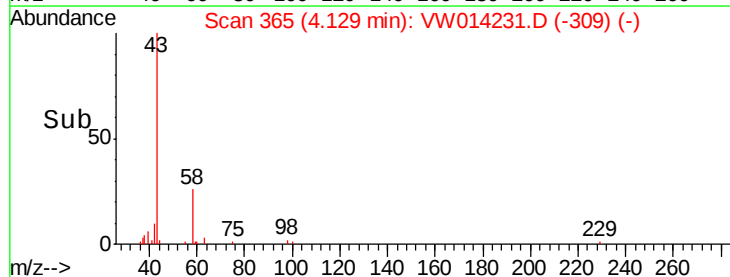
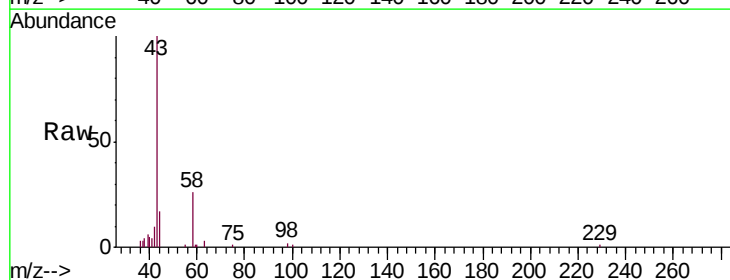
Acq: 05 Dec 2019 23:13

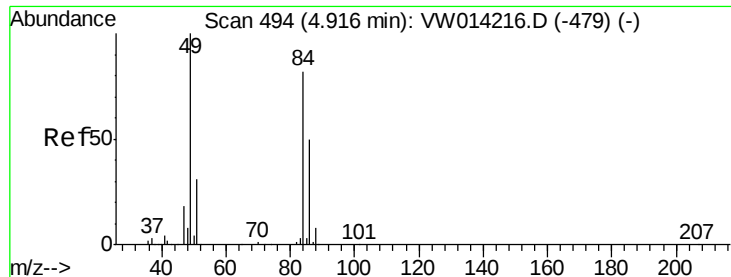
Tgt Ion: 43 Resp: 21653

Ion Ratio Lower Upper

43 100

58 14.5 0.0 65.4

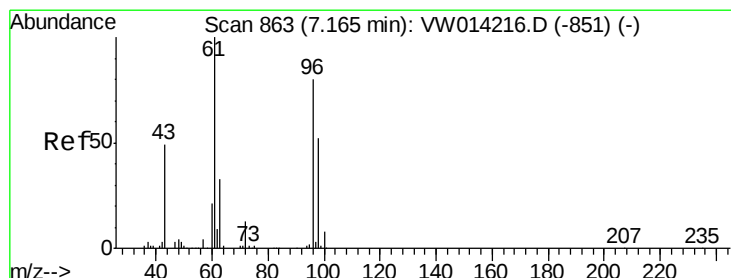
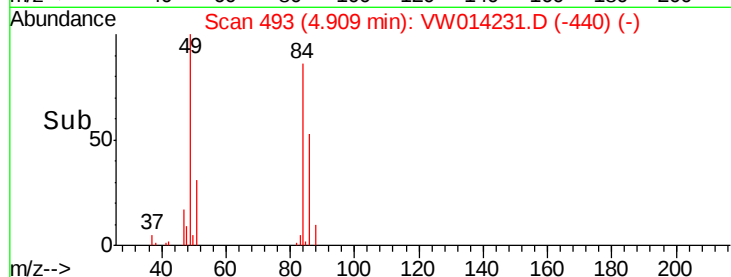
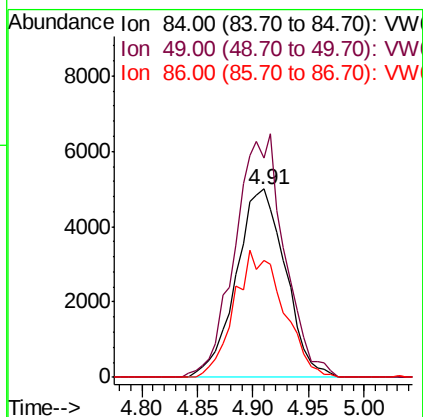
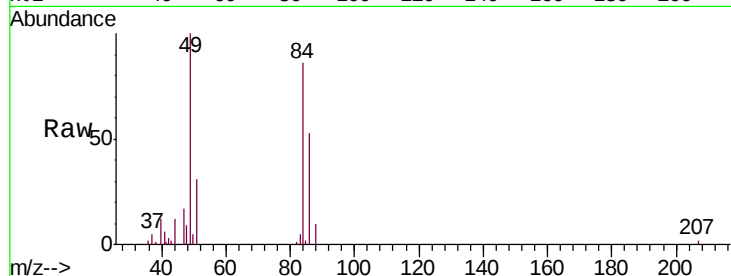




#16
Methylene chloride
Concen: 2.191 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014231.D
Acq: 05 Dec 2019 23:13

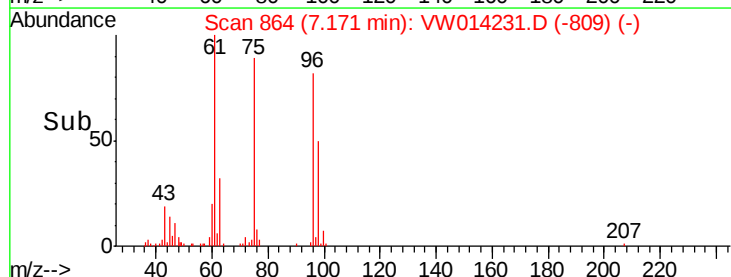
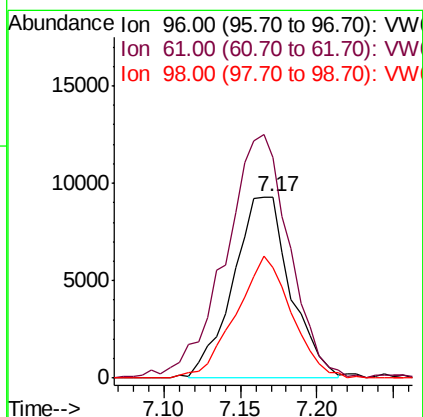
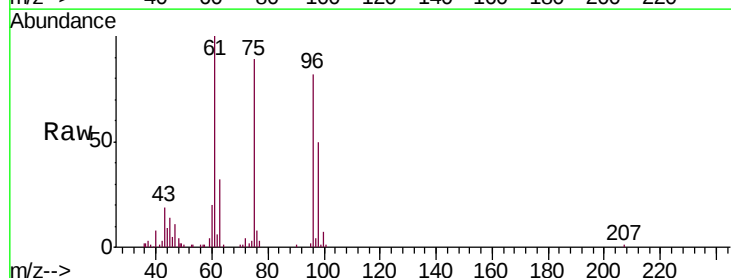
Instrument :
MSVOA_W
ClientSampled :
DBBT0

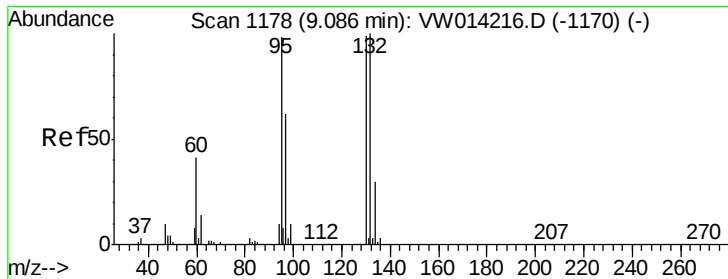
Tgt Ion: 84 Resp: 15445
Ion Ratio Lower Upper
84 100
49 116.8 84.2 156.4
86 61.9 43.7 81.1



#22
cis-1,2-Dichloroethene
Concen: 3.471 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW014231.D
Acq: 05 Dec 2019 23:13

Tgt Ion: 96 Resp: 24291
Ion Ratio Lower Upper
96 100
61 121.8 86.9 161.5
98 61.1 45.5 84.5





#35

Trichloroethene

Concen: 0.849 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014231.D

Acq: 05 Dec 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

DBBT0

Tgt Ion: 95 Resp: 6274

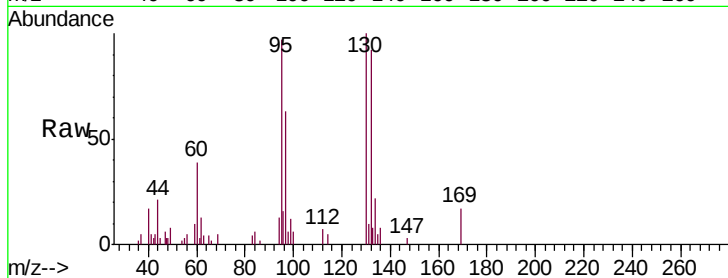
Ion Ratio Lower Upper

95 100

97 68.0 45.1 83.9

132 103.2 73.7 136.9

130 104.7 76.6 142.2

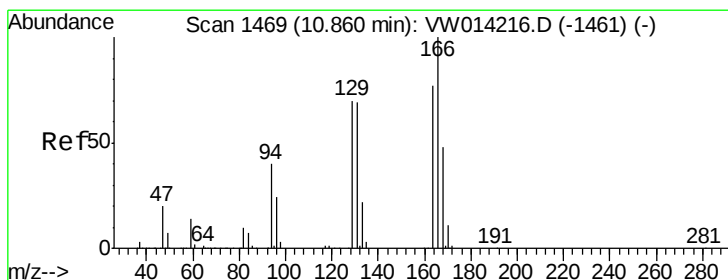
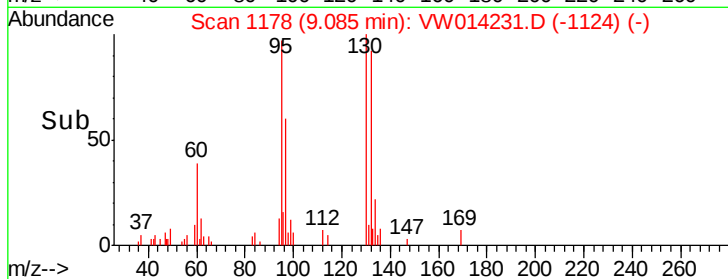
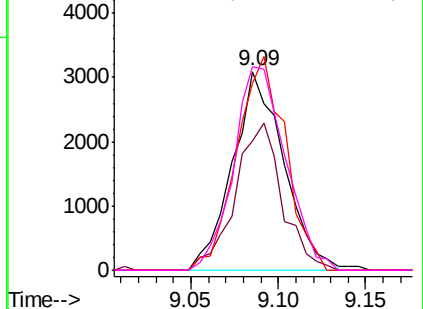


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 3.391 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014231.D

Acq: 05 Dec 2019 23:13

Tgt Ion: 164 Resp: 20882

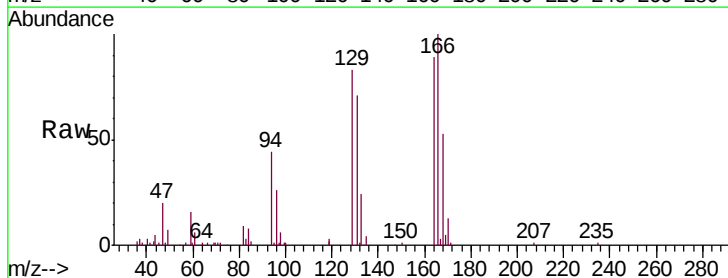
Ion Ratio Lower Upper

164 100

129 92.4 60.6 112.6

131 79.1 59.1 109.7

166 111.9 90.8 168.6

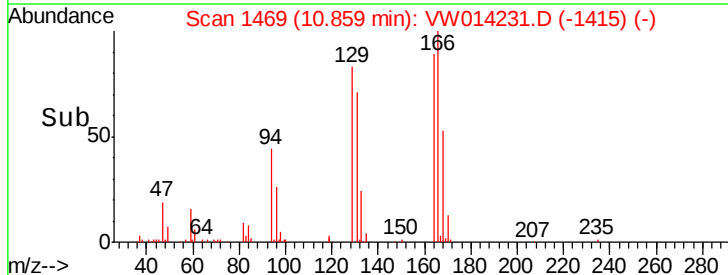
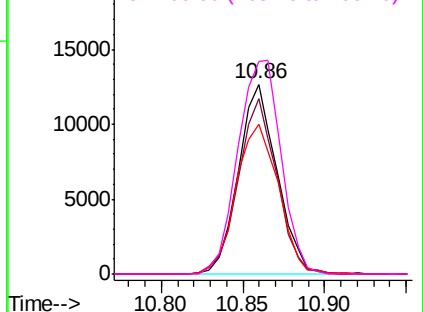


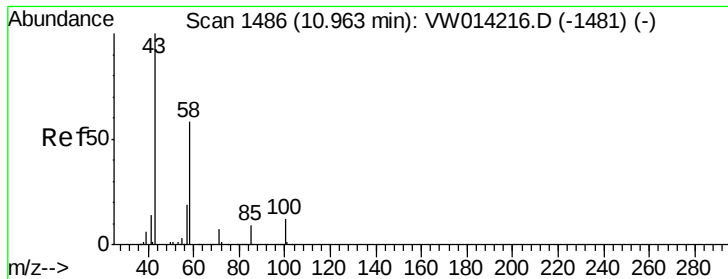
Abundance Ion 164.00 (163.70 to 164.70): V

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

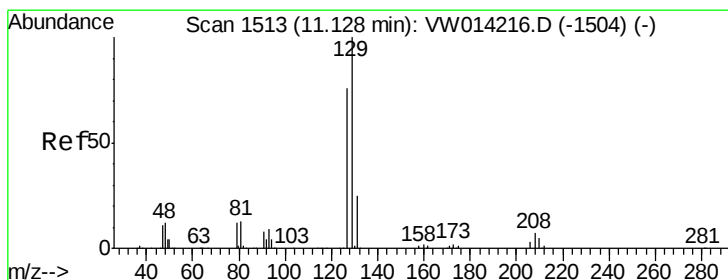
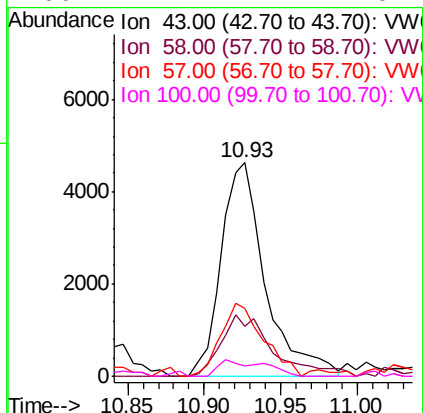
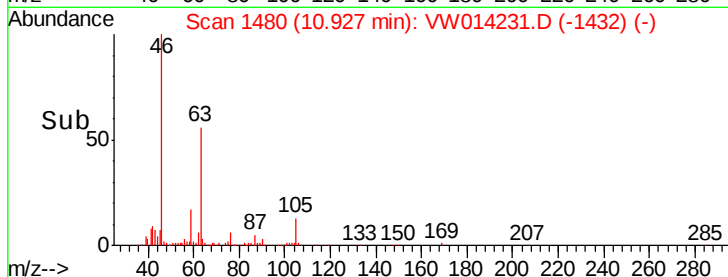
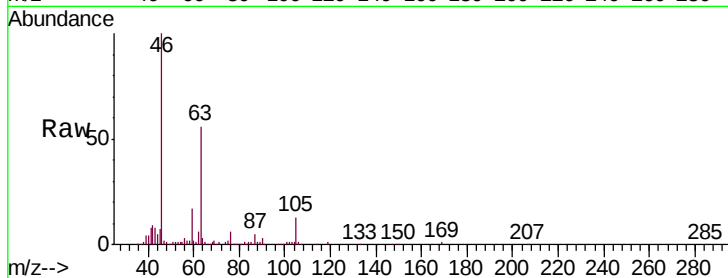




#49
2-Hexanone
Concen: 2.662 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW014231.D
Acq: 05 Dec 2019 23:13

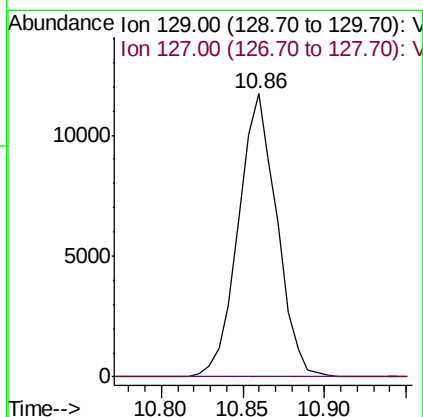
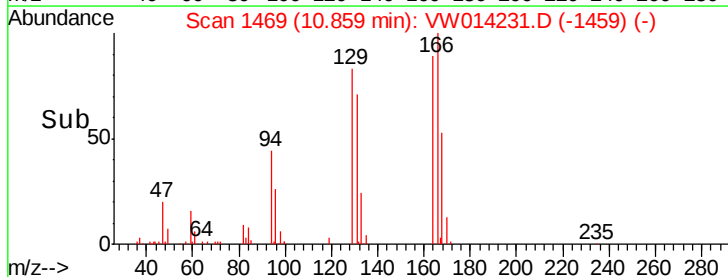
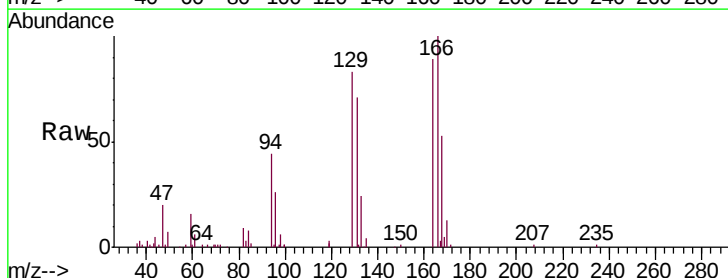
Instrument :
MSVOA_W
ClientSampleId :
DBBT0

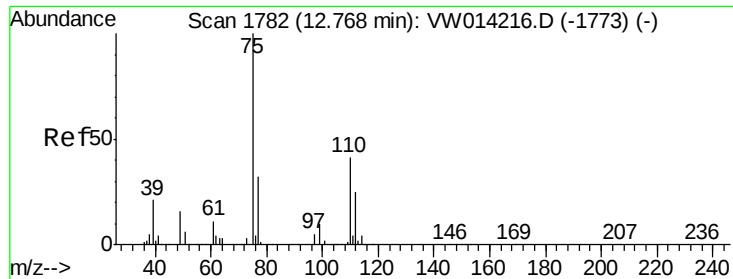
Tgt Ion: 43 Resp: 9270
Ion Ratio Lower Upper
43 100
58 31.8 44.4 66.6#
57 32.7 16.5 24.7#
100 4.2 11.1 16.7#



#50
Dibromochloromethane
Concen: 3.081 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW014231.D
Acq: 05 Dec 2019 23:13

Tgt Ion: 129 Resp: 19218
Ion Ratio Lower Upper
129 100
127 0.0 54.9 102.1#





#59

1,2,3-Trichloropropane

Concen: 3.950 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW014231.D

Acq: 05 Dec 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

DBBT0

Tgt Ion: 75 Resp: 20251

Ion Ratio Lower Upper

75 100

77 36.0 25.9 38.9

