

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005741.D
 Acq On : 01 Oct 2018 17:45
 Operator : SY/AP
 Sample : J5180-10
 Misc : 5.67G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:45:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 05:44:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	214217	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	162152	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	41068	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	47809	17.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.04%
7) Chloroethane-d5	2.90	69	42904	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.56%
10) 1,1-Dichloroethene-d2	4.01	63	85079	14.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.08%
20) 2-Butanone-d5	7.09	46	35447	40.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.86%
24) Chloroform-d	7.65	84	140935	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.31	65	89843	26.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.84%
29) Benzene-d6	8.28	84	237969	29.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.60%
33) 1,2-Dichloropropane-d6	9.28	67	77413	33.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.48%#
37) Toluene-d8	10.33	98	192955	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.40%
38) trans-1,3-Dichloropropene-	10.58	79	29998	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.48%
39) 2-Hexanone-d5	10.93	63	25128	46.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.50%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	54496	24.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	35304	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%

Target Compounds

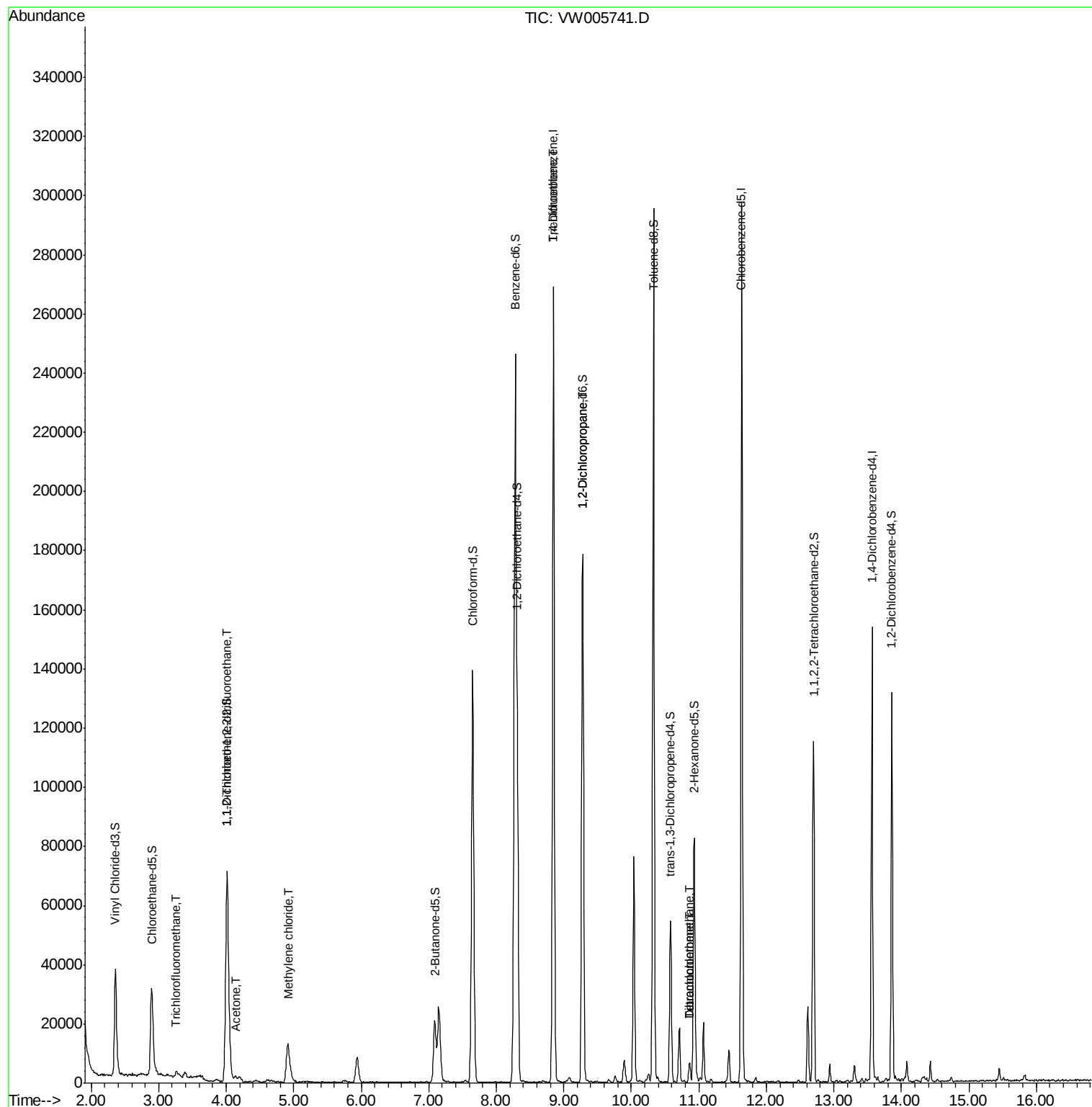
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	3.26	101	1101	0.427	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	857	0.294	ug/L #	16
13) Acetone	4.14	43	1768	1.937	ug/L	86
16) Methylene chloride	4.92	84	11275	3.192	ug/L	92
35) Trichloroethene	8.85	95	6737	2.749	ug/L #	5
40) 1,2-Dichloropropane	9.28	63	9188	4.115	ug/L #	87
47) Tetrachloroethene	10.87	164	1340	0.621	ug/L #	68
50) Dibromochloromethane	10.87	129	1406	0.602	ug/L #	13

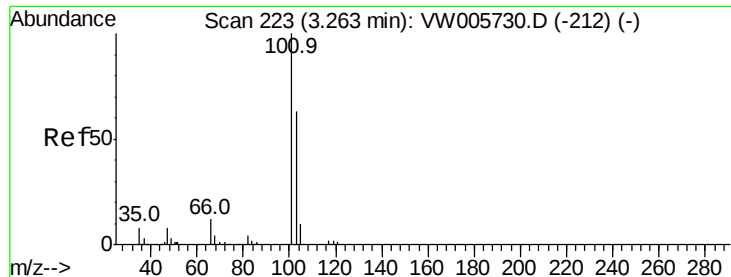
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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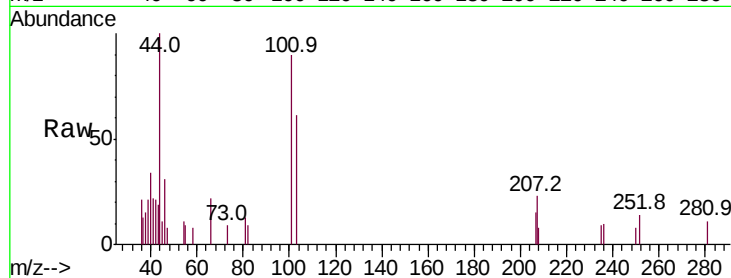


#9

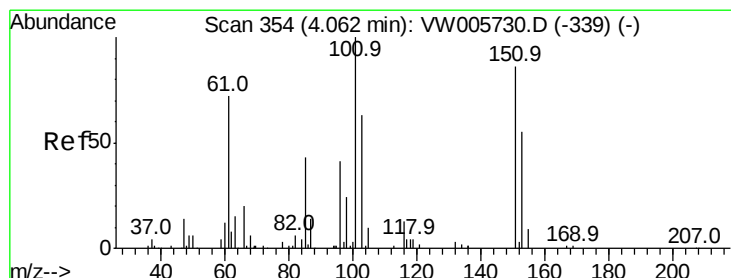
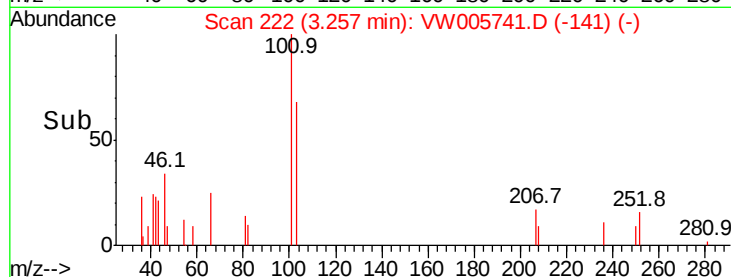
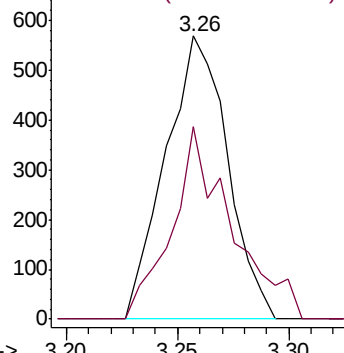
Trichlorofluoromethane
 Concen: 0.427 ug/L
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005741.D
 Acq: 01 Oct 2018 17:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:101 Resp: 1101
 Ion Ratio Lower Upper
 101 100
 103 62.9 44.9 83.5



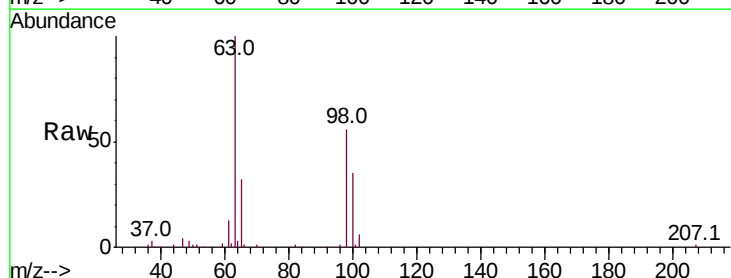
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



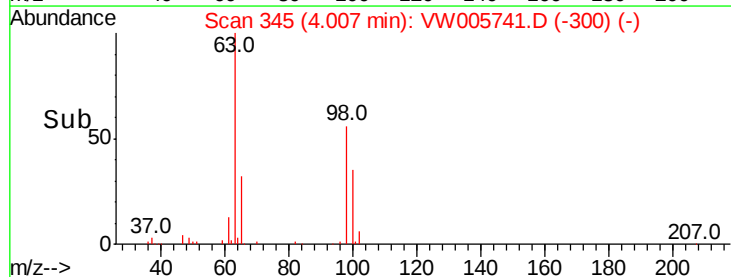
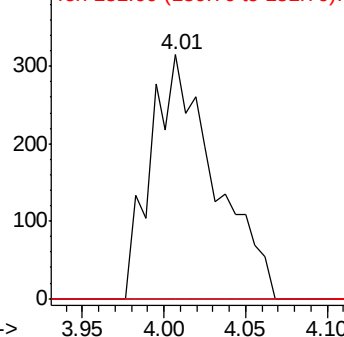
#11

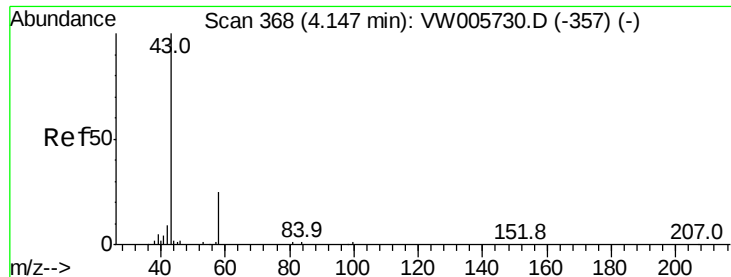
1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.294 ug/L
 RT: 4.01 min Scan# 345
 Delta R.T. -0.06 min
 Lab File: VW005741.D
 Acq: 01 Oct 2018 17:45

Tgt Ion:101 Resp: 857
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.0 52.4#
 151 0.0 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): V
 Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 1.937 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005741.D

Acq: 01 Oct 2018 17:45

Instrument :

MSVOA_W

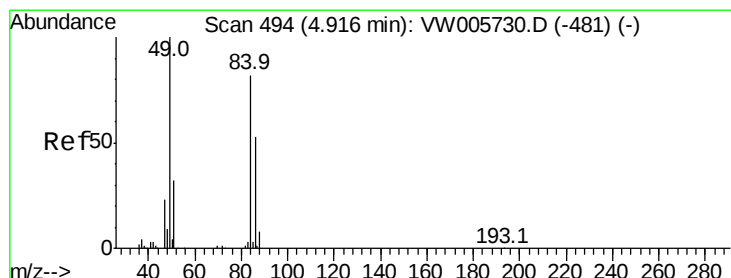
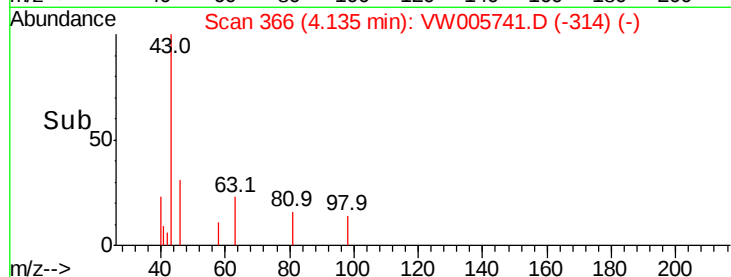
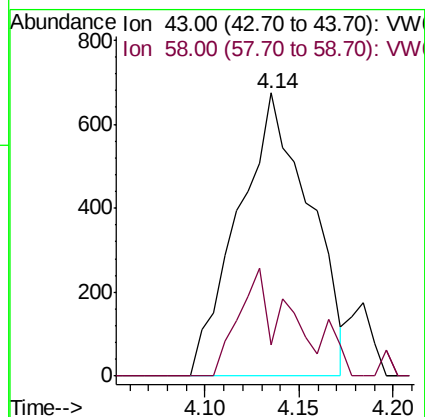
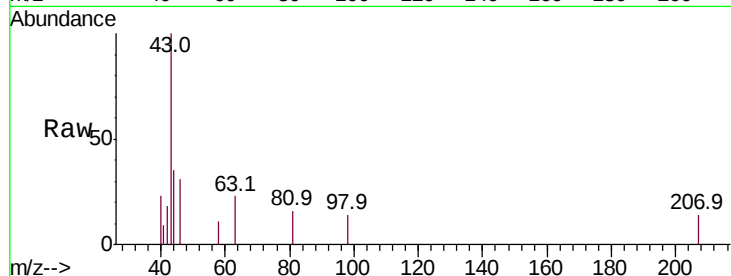
ClientSampleId :

Tot Ion: 43 Resp: 1768

Ion Ratio Lower Upper

43 100

58 10.0 0.0 31.8



#16

Methylene chloride

Concen: 3.192 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW005741.D

Acq: 01 Oct 2018 17:45

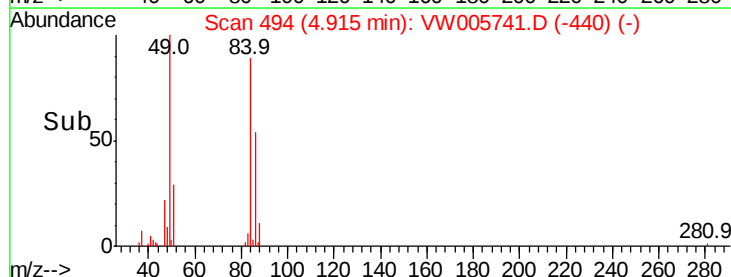
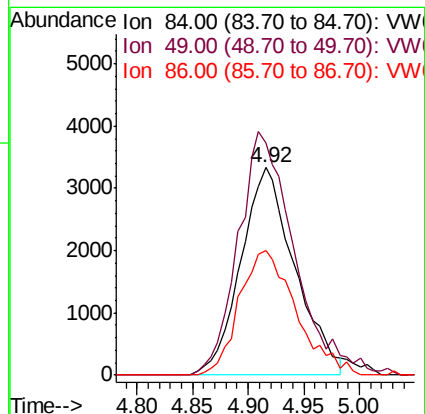
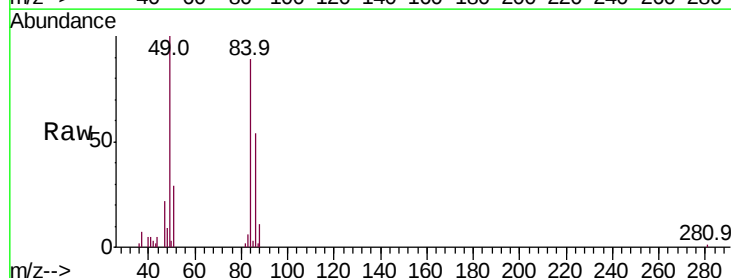
Tgt Ion: 84 Resp: 11275

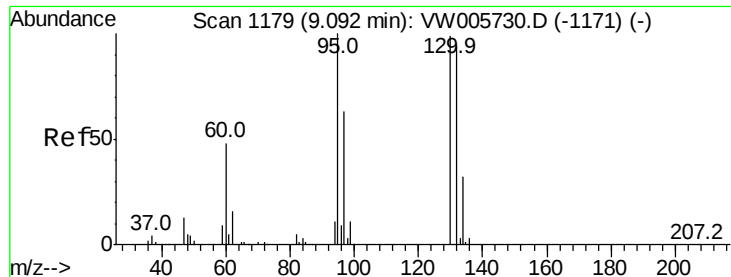
Ion Ratio Lower Upper

84 100

49 112.1 87.2 162.0

86 60.4 43.2 80.2





#35

Trichloroethene

Concen: 2.749 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005741.D

Acq: 01 Oct 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 6737

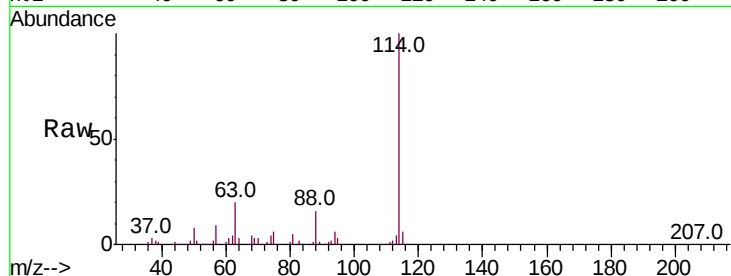
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#

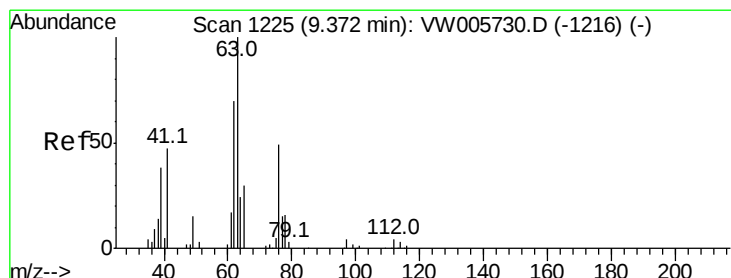
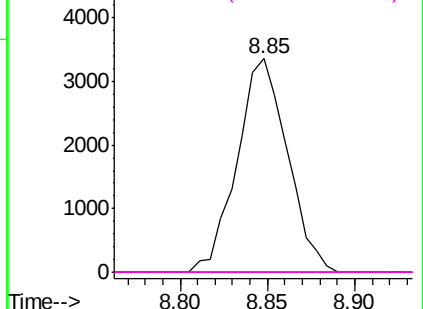
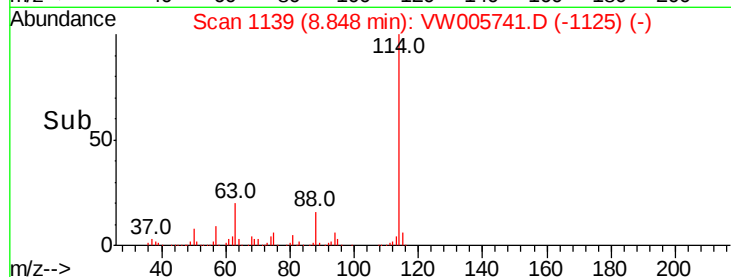


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 4.115 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005741.D

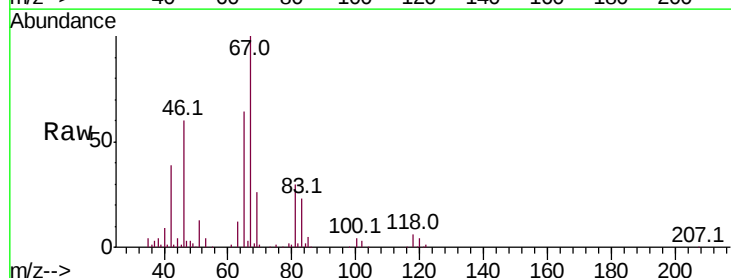
Acq: 01 Oct 2018 17:45

Tgt Ion: 63 Resp: 9188

Ion Ratio Lower Upper

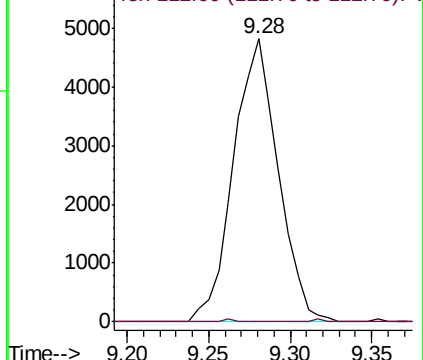
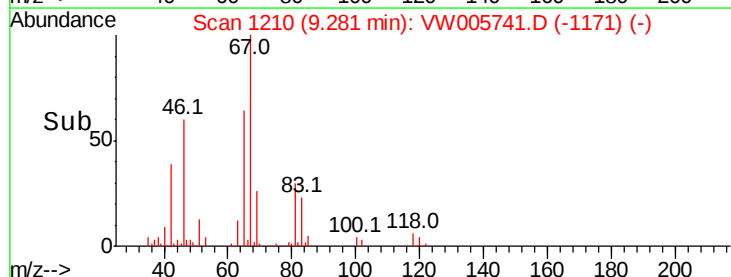
63 100

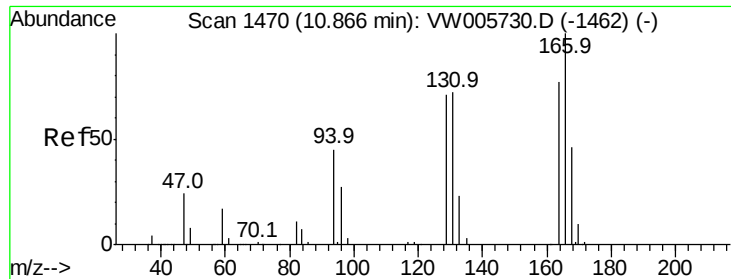
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#47

Tetrachloroethene

Concen: 0.621 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW005741.D

Acq: 01 Oct 2018 17:45

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 1340

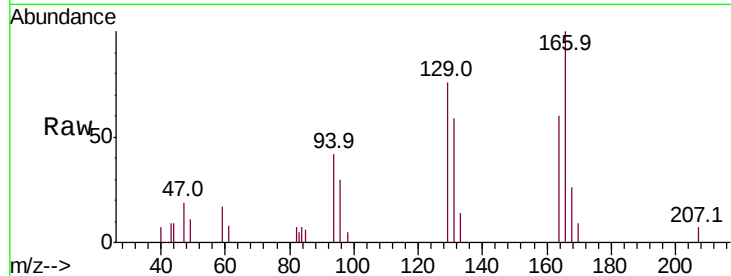
Ion Ratio Lower Upper

164 100

129 125.8 63.8 118.4#

131 98.6 61.5 114.3

166 166.0 83.2 154.6#



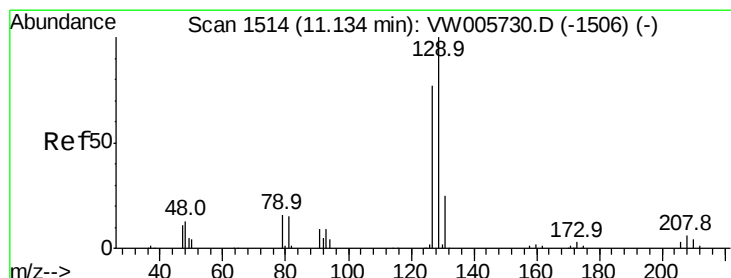
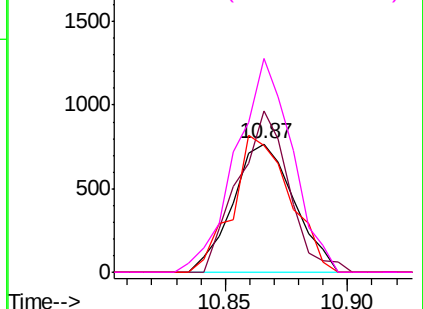
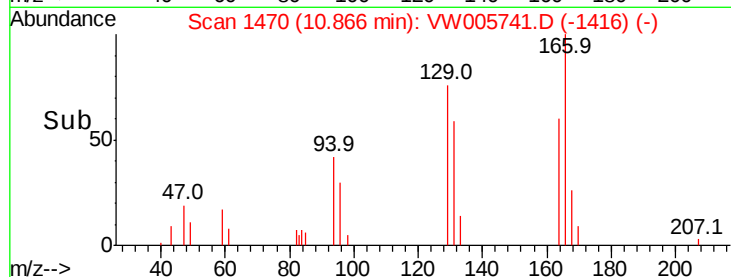
Abundance

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



#50

Dibromochloromethane

Concen: 0.602 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW005741.D

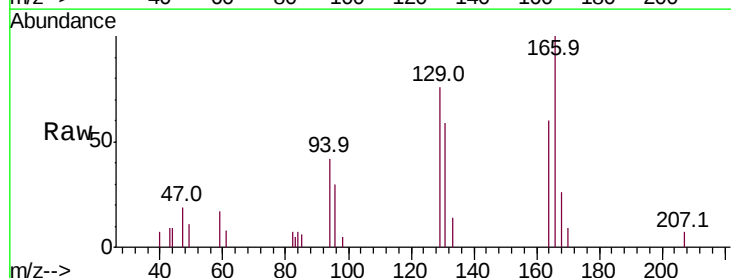
Acq: 01 Oct 2018 17:45

Tgt Ion:129 Resp: 1406

Ion Ratio Lower Upper

129 100

127 0.0 51.7 95.9#



Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

