

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005746.D
 Acq On : 01 Oct 2018 19:54
 Operator : SY/AP
 Sample : J5180-15
 Misc : 3.96G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 05:46:18 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	234655	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	223746	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	92387	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	49996	16.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.84%
7) Chloroethane-d5	2.89	69	42821	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.40%
10) 1,1-Dichloroethene-d2	4.01	63	88035	13.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.92%
20) 2-Butanone-d5	7.09	46	46532	48.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.90%
24) Chloroform-d	7.65	84	155858	25.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	8.31	65	104579	28.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.56%
29) Benzene-d6	8.28	84	264395	23.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.48%
33) 1,2-Dichloropropane-d6	9.27	67	87712	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
37) Toluene-d8	10.33	98	232536	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.08%
38) trans-1,3-Dichloropropene-	10.58	79	38628	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.88%
39) 2-Hexanone-d5	10.93	63	35951	47.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86301	27.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	86173	26.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.44%

Target Compounds

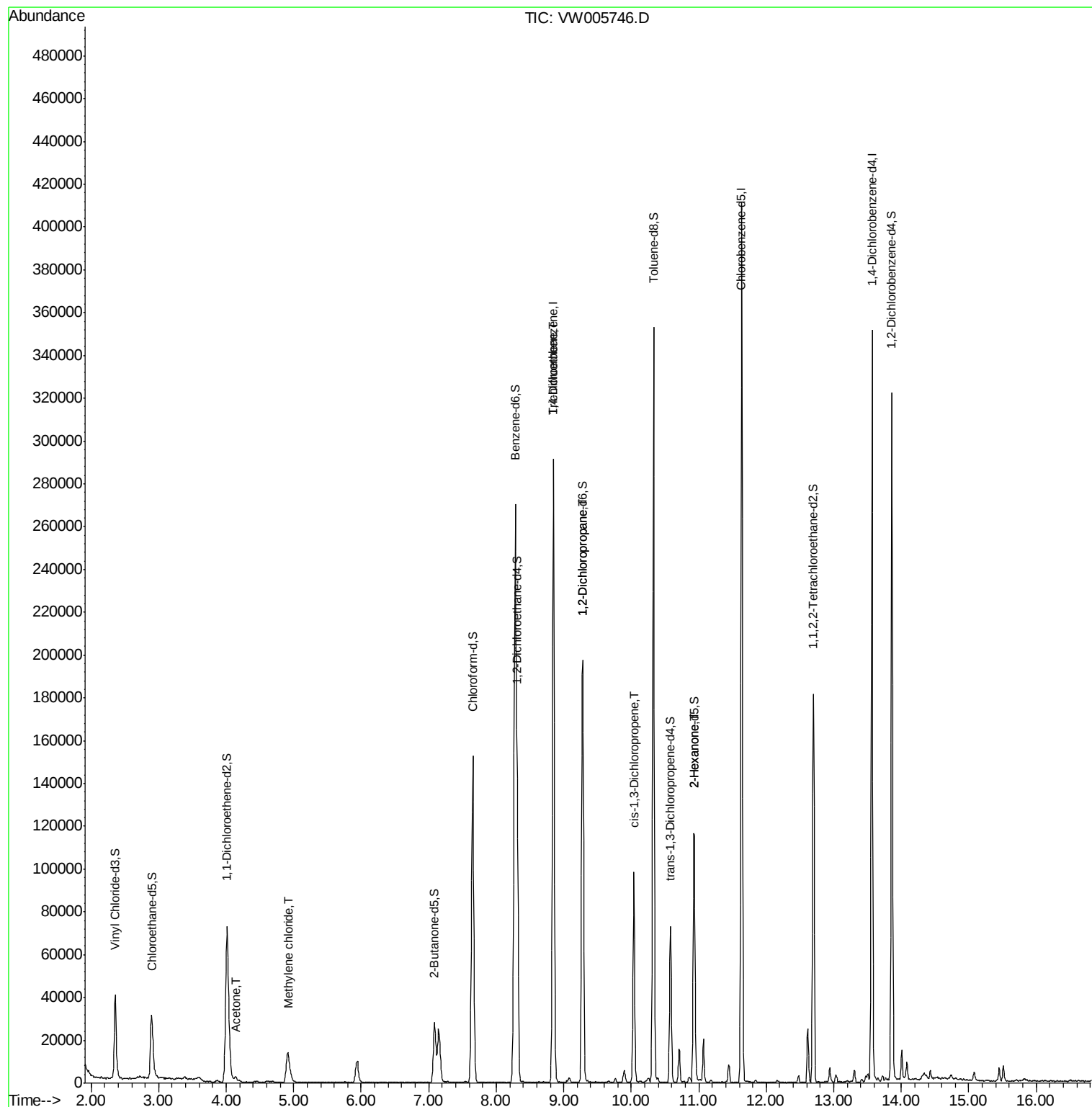
					Ovalue
13) Acetone	4.14	43	2531	2.531 ug/L	91
16) Methylene chloride	4.91	84	12774	3.302 ug/L	96
35) Trichloroethene	8.85	95	7580	2.241 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	10958	3.557 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2559	0.503 ug/L	87
49) 2-Hexanone	10.93	43	7422	4.205 ug/L #	62

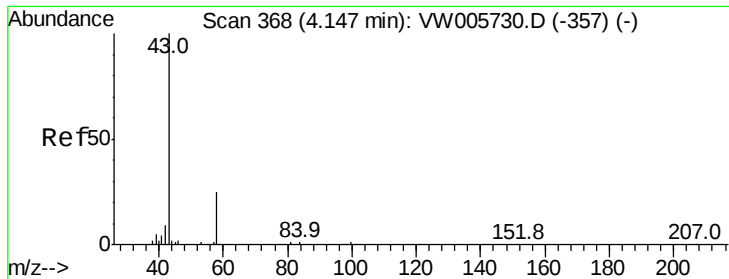
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 05:44:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.531 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005746.D

Acq: 01 Oct 2018 19:54

Instrument :

MSVOA_W

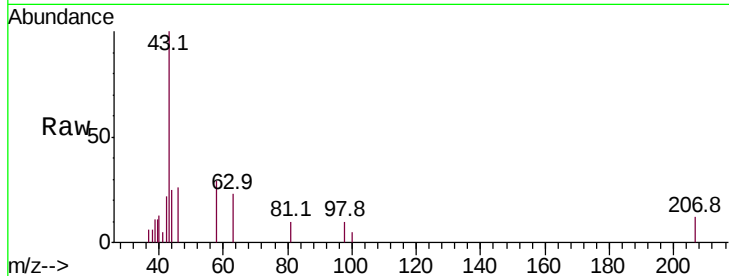
ClientSampled :

Tot Ion: 43 Resp: 2531

Ion Ratio Lower Upper

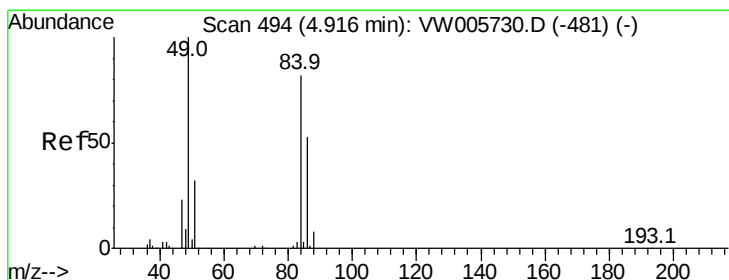
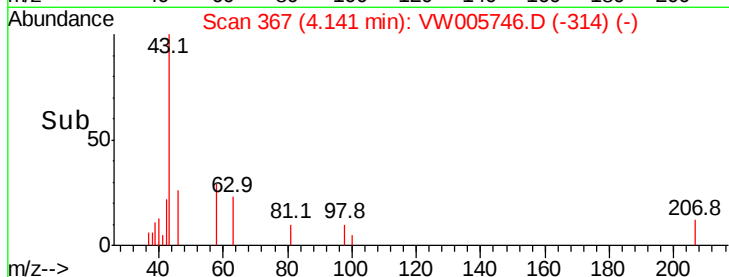
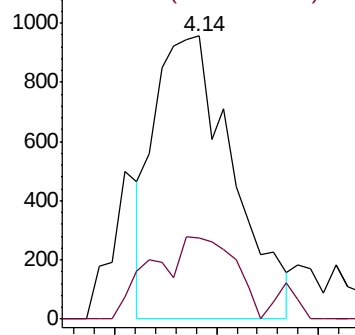
43 100

58 19.6 0.0 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.302 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005746.D

Acq: 01 Oct 2018 19:54

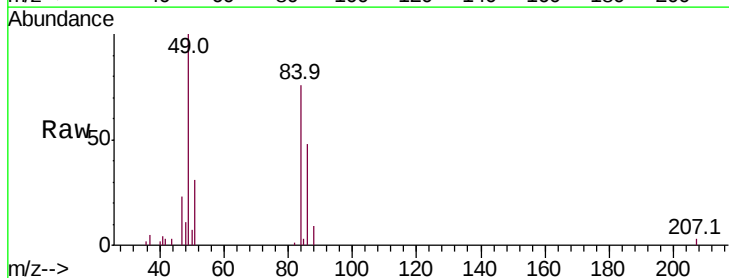
Tgt Ion: 84 Resp: 12774

Ion Ratio Lower Upper

84 100

49 131.1 87.2 162.0

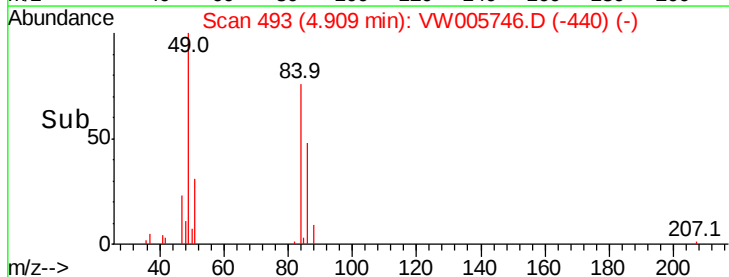
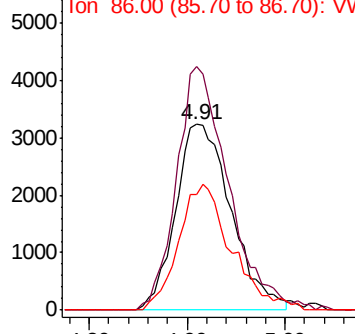
86 62.6 43.2 80.2

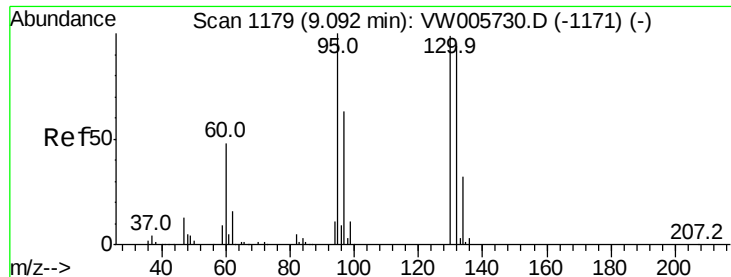


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.241 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW005746.D

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Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 7580

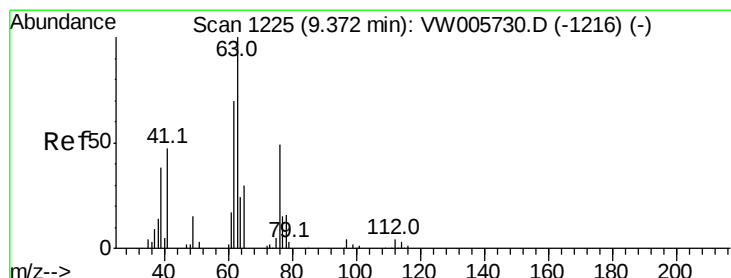
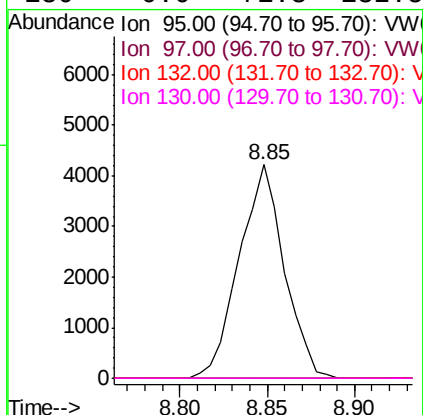
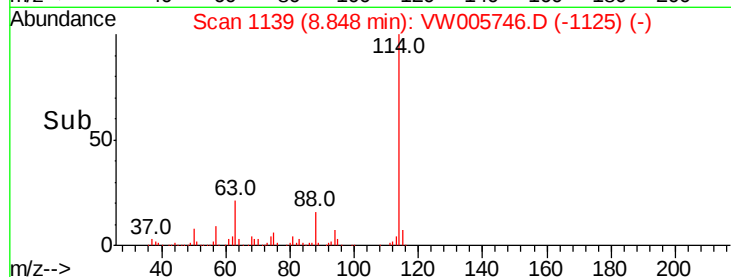
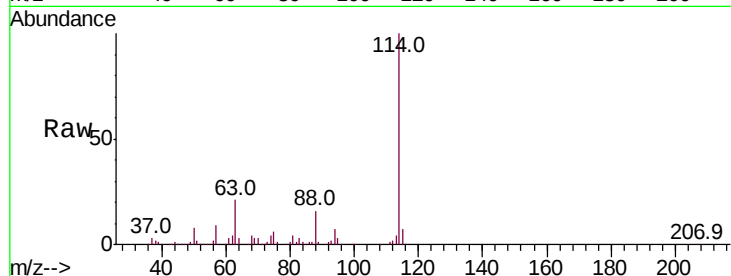
Ion Ratio Lower Upper

95 100

97 0.0 45.2 84.0#

132 0.0 68.0 126.4#

130 0.0 71.3 132.5#



#40

1,2-Dichloropropane

Concen: 3.557 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005746.D

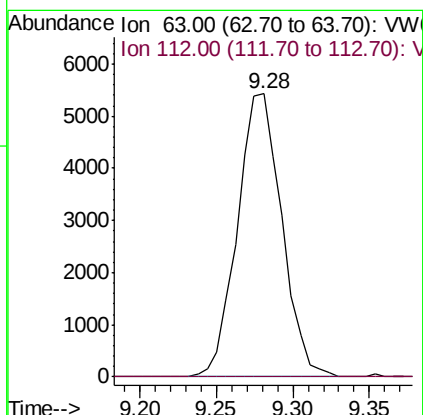
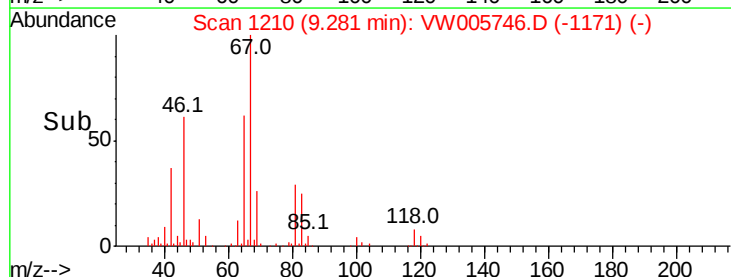
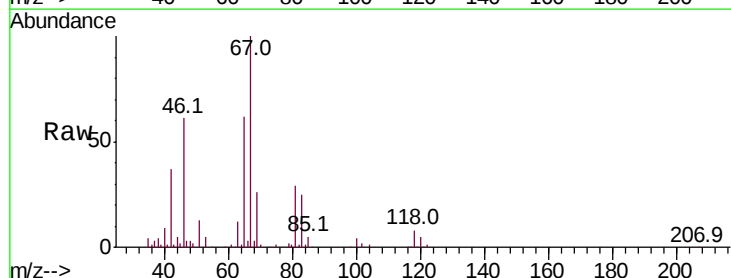
Acq: 01 Oct 2018 19:54

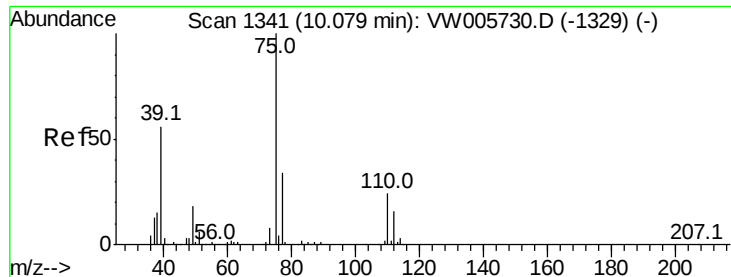
Tgt Ion: 63 Resp: 10958

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

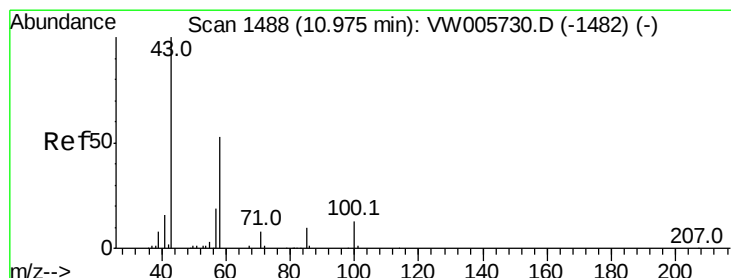
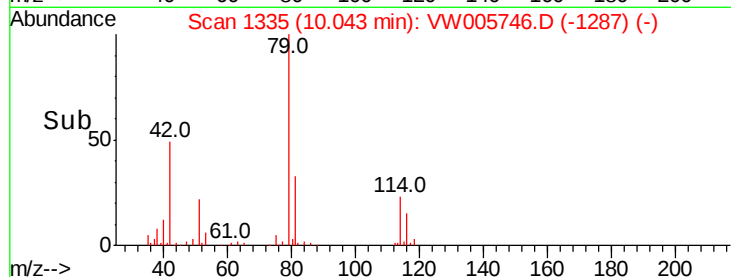
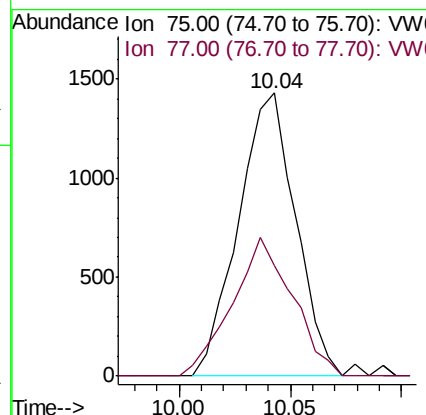
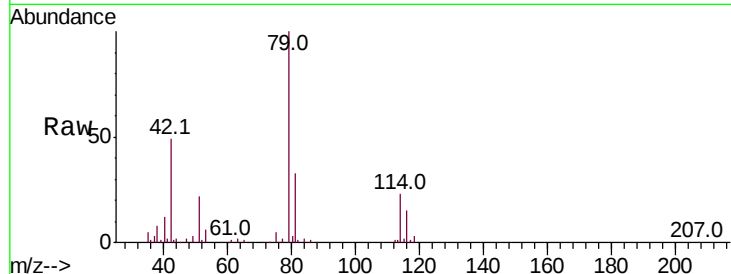




#42
 cis-1,3-Dichloropropene
 Concen: 0.503 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.04 min
 Lab File: VW005746.D
 Acq: 01 Oct 2018 19:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 2559
 Ion Ratio Lower Upper
 75 100
 77 39.3 22.3 41.3



#49
 2-Hexanone
 Concen: 4.205 ug/L
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW005746.D
 Acq: 01 Oct 2018 19:54

Tgt Ion: 43 Resp: 7422
 Ion Ratio Lower Upper
 43 100
 58 18.8 42.0 63.0#
 57 27.1 15.7 23.5#
 100 0.0 9.7 14.5#

