

Data File : VW006458.D
Acq On : 29 Oct 2018 16:24
Operator : SY/AP
Sample : J5705-11
Misc : 4.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40J1

Quant Time: Oct 30 04:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 04:53:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	331902	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	138765	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69875	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.68%
7) Chloroethane-d5	2.89	69	74519	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.01	63	109400	15.22	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	7.09	46	54764	44.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.28%
24) Chloroform-d	7.65	84	184642	25.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.72%
26) 1,2-Dichloroethane-d4	8.31	65	109071	27.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.68%
29) Benzene-d6	8.28	84	348933	25.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.44%
33) 1,2-Dichloropropane-d6	9.27	67	106743	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	10.33	98	326512	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.00%
38) trans-1,3-Dichloropropene-	10.58	79	41962	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.36%
39) 2-Hexanone-d5	10.93	63	41792	41.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113452	27.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	127980	26.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.64%

Target Compounds

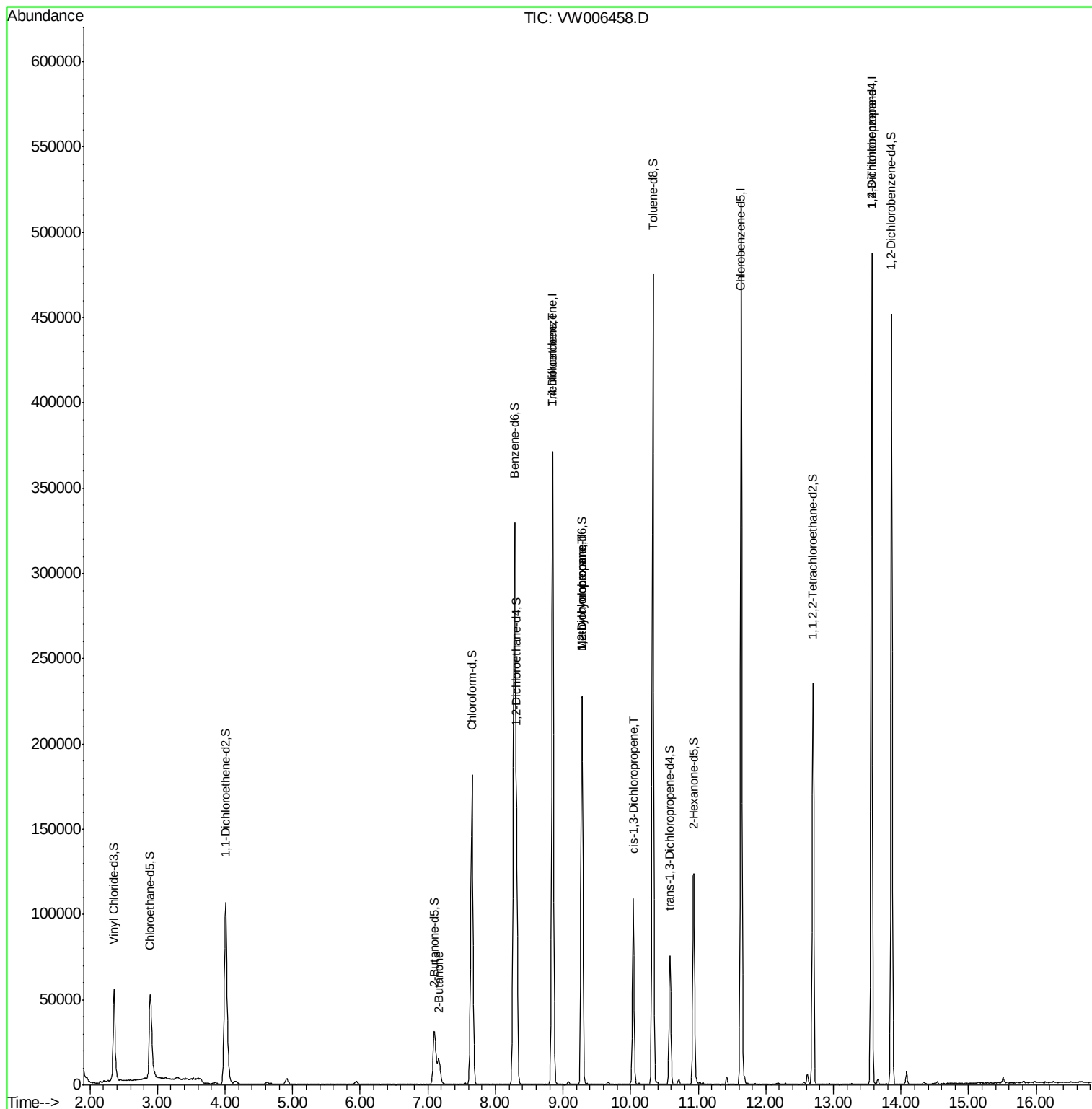
					Qvalue	
21) 2-Butanone	7.15	43	5390	3.236	ug/L #	49
35) Trichloroethene	8.84	95	9776	2.212	ug/L #	2
36) Methylcyclohexane	9.28	83	27087	3.344	ug/L #	21
40) 1,2-Dichloropropane	9.27	63	12432	3.190	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2807	0.441	ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	14112	4.485	ug/L	91

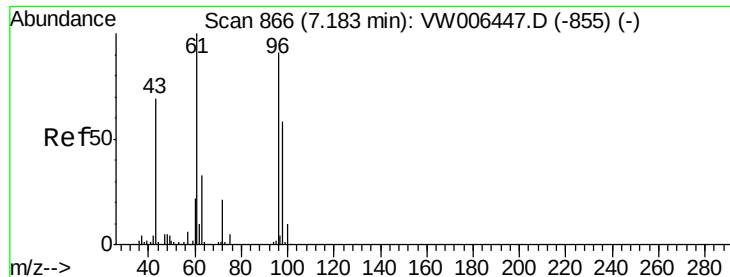
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 3.236 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

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Acq: 29 Oct 2018 16:24

Instrument :

MSVOA_W

ClientSampleId :

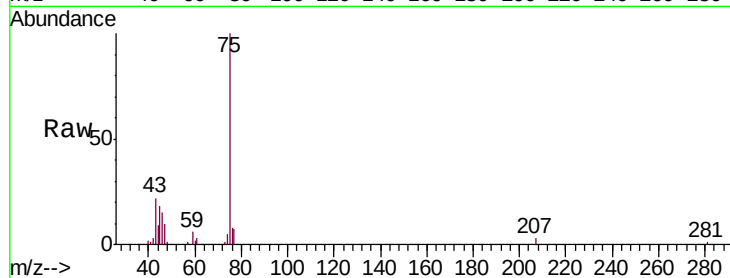
A40J1

Tgt Ion: 43 Resp: 5390

Ion Ratio Lower Upper

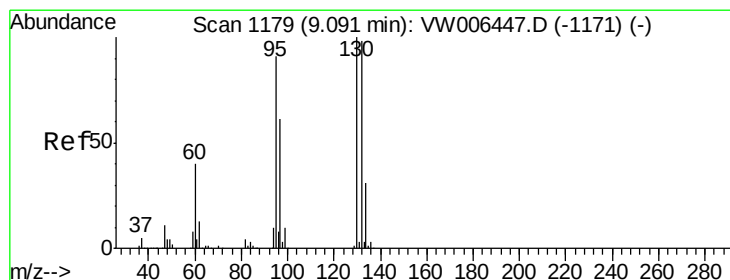
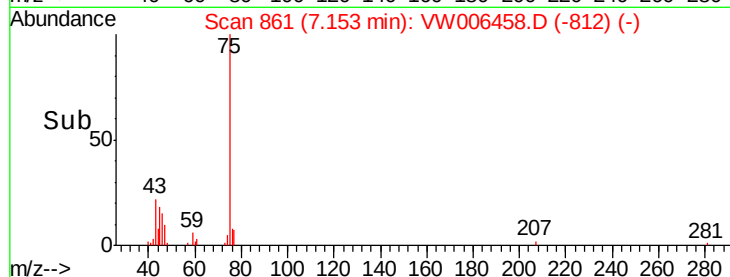
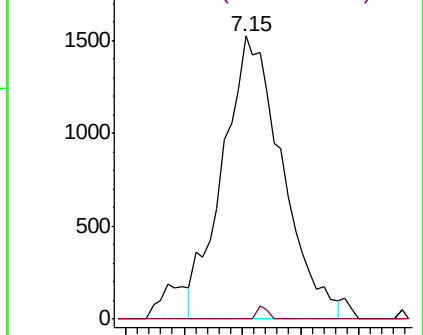
43 100

72 0.8 13.8 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.212 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006458.D

Acq: 29 Oct 2018 16:24

Tgt Ion: 95 Resp: 9776

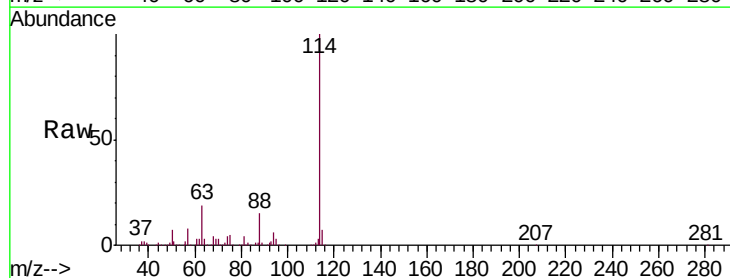
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

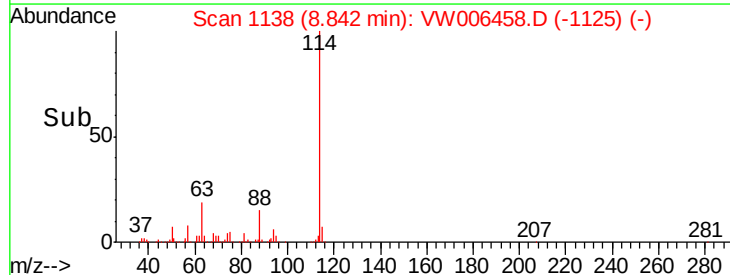
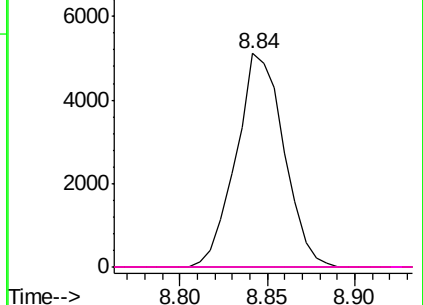


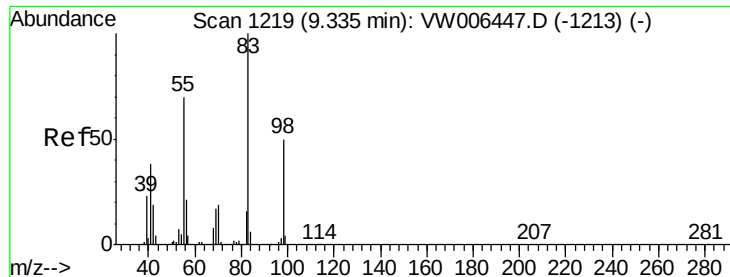
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#36

Methylcyclohexane

Concen: 3.344 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW006458.D

Acq: 29 Oct 2018 16:24

Instrument :

MSVOA_W

ClientSampled :

A40J1

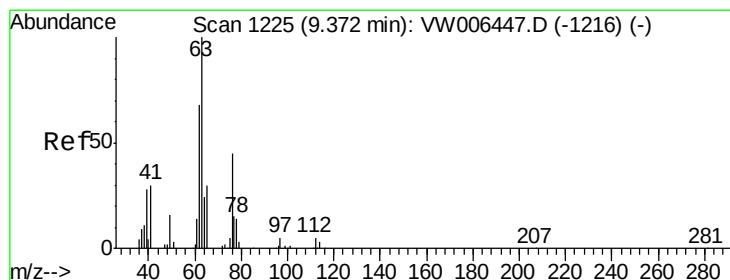
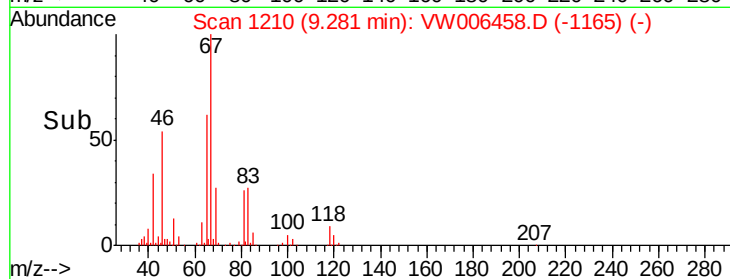
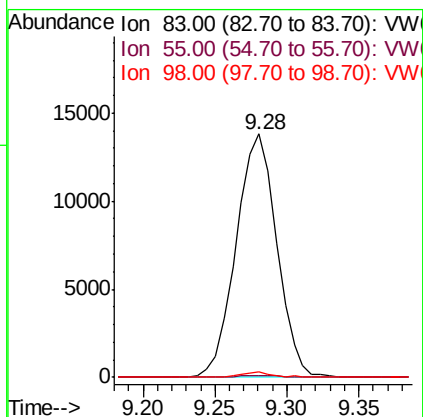
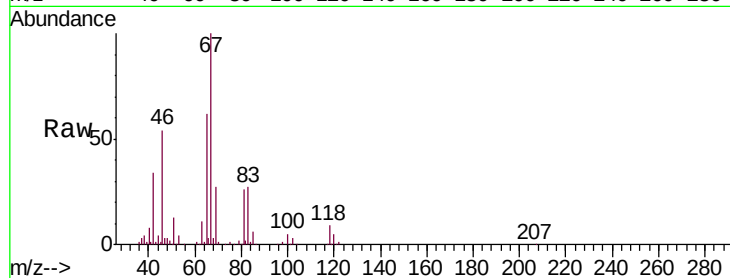
Tgt Ion: 83 Resp: 27087

Ion Ratio Lower Upper

83 100

55 0.6 57.1 85.7#

98 1.4 38.9 58.3#



#40

1,2-Dichloropropane

Concen: 3.190 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006458.D

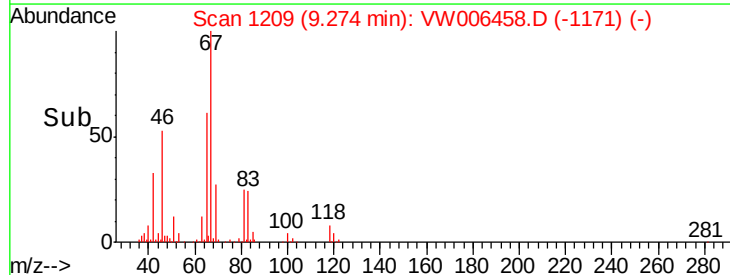
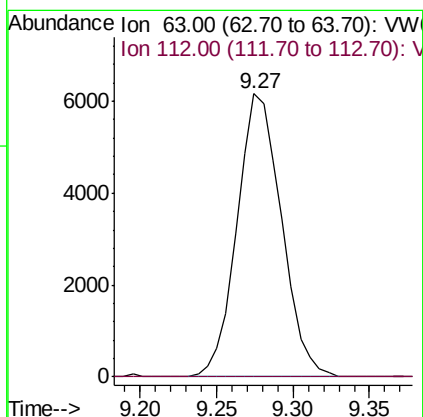
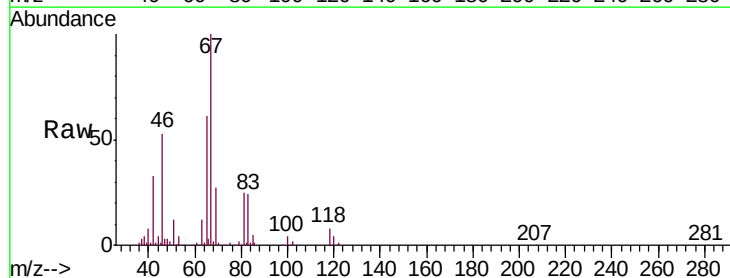
Acq: 29 Oct 2018 16:24

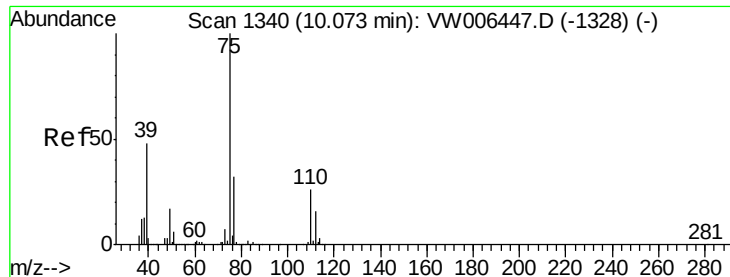
Tgt Ion: 63 Resp: 12432

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#42

cis-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW006458.D

Acq: 29 Oct 2018 16:24

Instrument :

MSVOA_W

ClientSampleId :

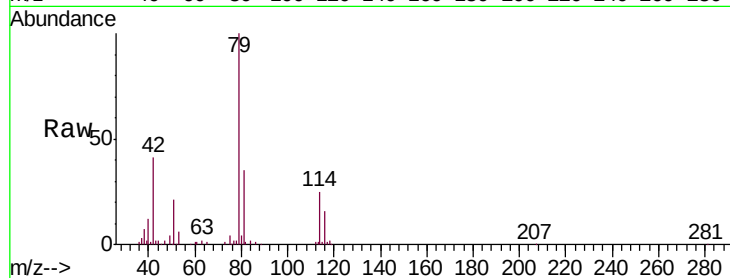
A40J1

Tgt Ion: 75 Resp: 2807

Ion Ratio Lower Upper

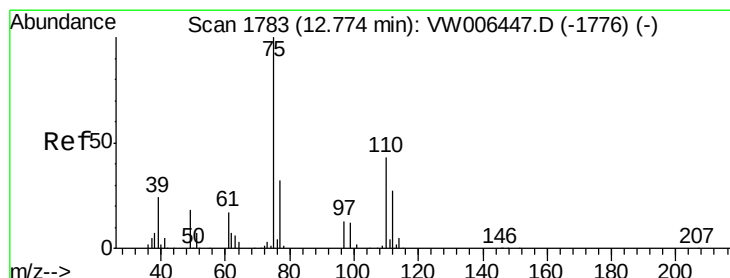
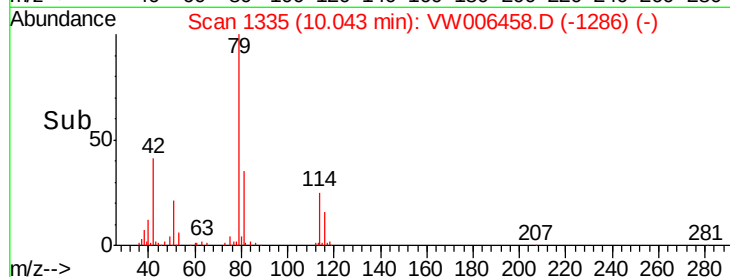
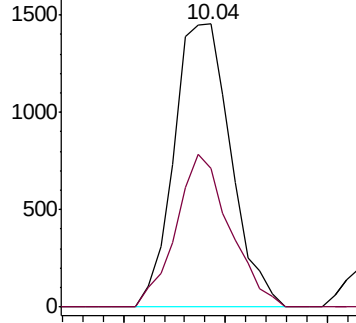
75 100

77 49.1 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.485 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006458.D

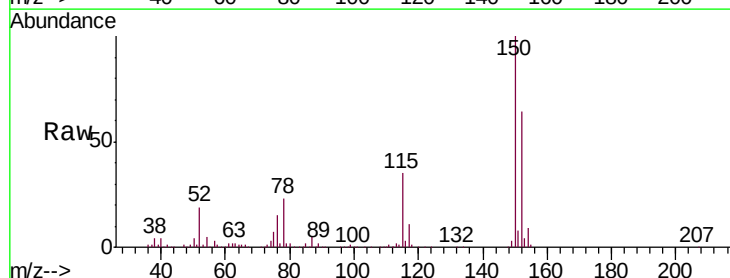
Acq: 29 Oct 2018 16:24

Tgt Ion: 75 Resp: 14112

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

