

Data File : VW006893.D
Acq On : 15 Nov 2018 12:02
Operator : SY/AP
Sample : VW1115SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK82

Quant Time: Nov 16 04:52:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 04:49:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	150661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	143772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	69064	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33176	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.20%
7) Chloroethane-d5	2.89	69	25134	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.44%
10) 1,1-Dichloroethene-d2	4.02	63	66018	18.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.92%
20) 2-Butanone-d5	7.09	46	32488	44.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.14%
24) Chloroform-d	7.65	84	76191	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	8.31	65	47601	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.16%
29) Benzene-d6	8.28	84	170467	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	50932	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.56%
37) Toluene-d8	10.33	98	174058	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.44%
38) trans-1,3-Dichloropropene-	10.58	79	21909	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.68%
39) 2-Hexanone-d5	10.93	63	24579	42.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	45118	22.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	60676	23.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.80%

Target Compounds

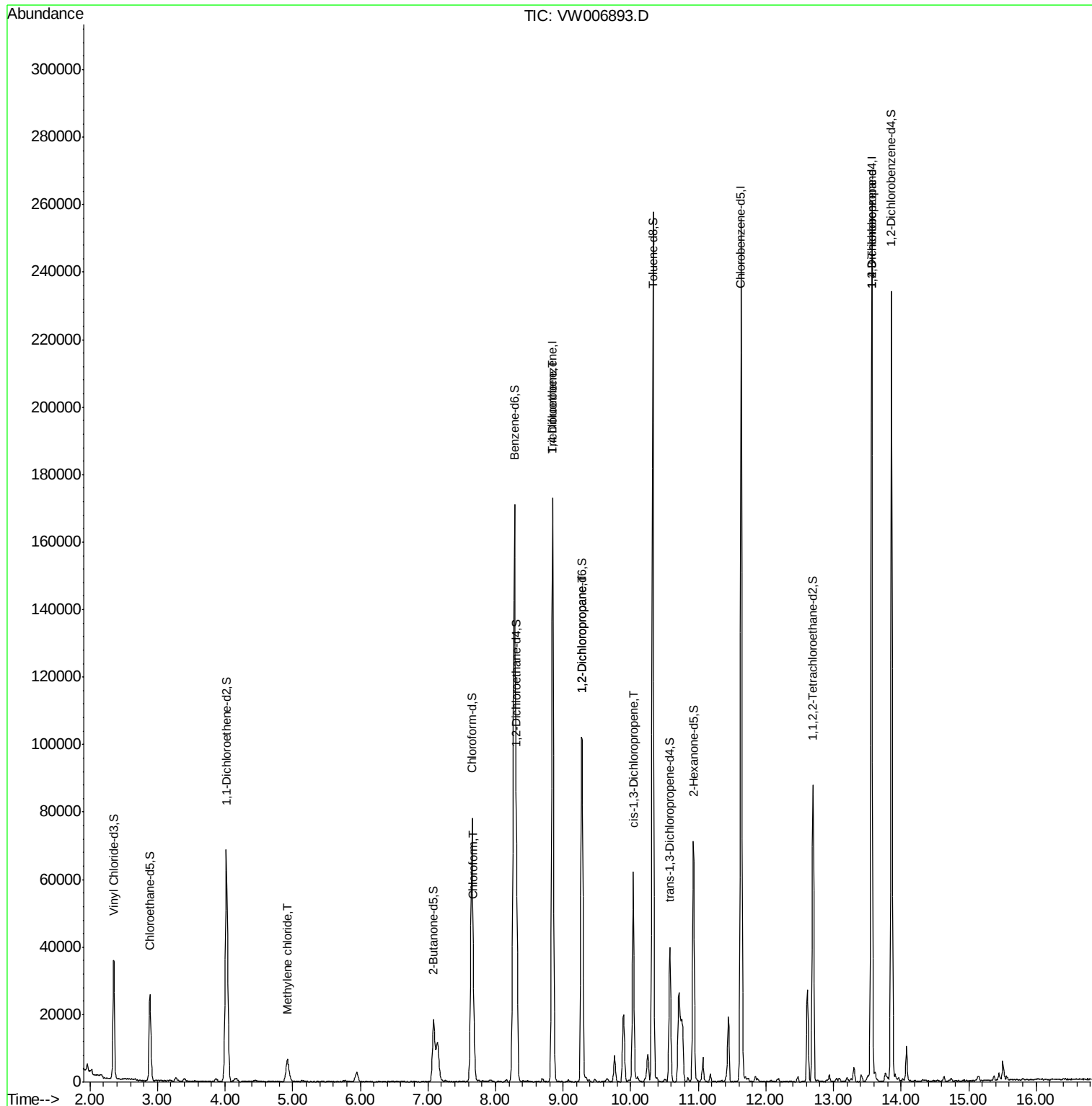
					Qvalue
16) Methylene chloride	4.93	84	5301	2.012 ug/L	92
25) Chloroform	7.68	83	7357	1.984 ug/L	80
35) Trichloroethene	8.84	95	4601	2.101 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	5824	2.940 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1536	0.514 ug/L #	82
59) 1,2,3-Trichloropropane	13.56	75	8425	5.622 ug/L	91

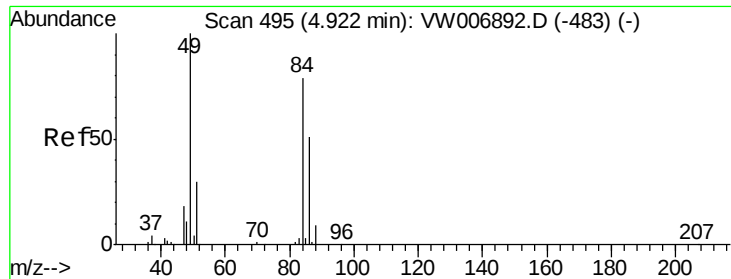
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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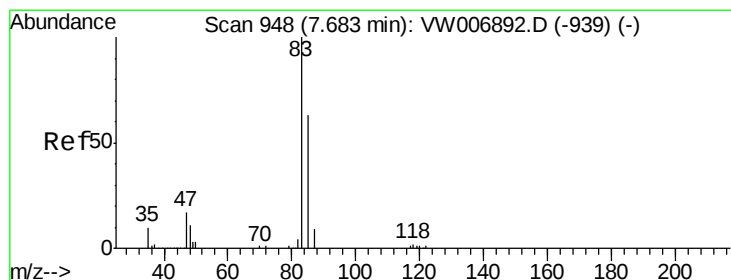
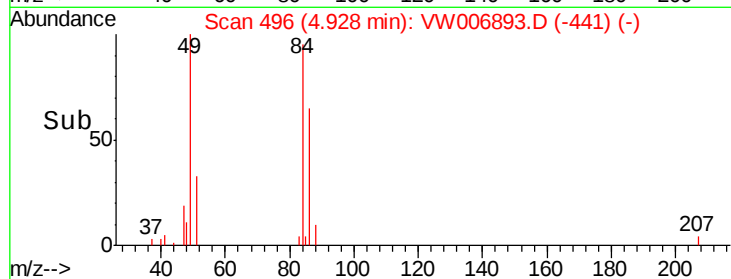
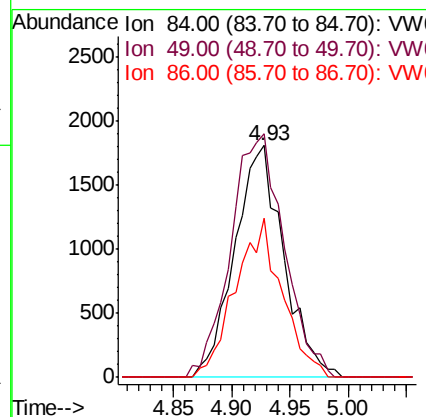
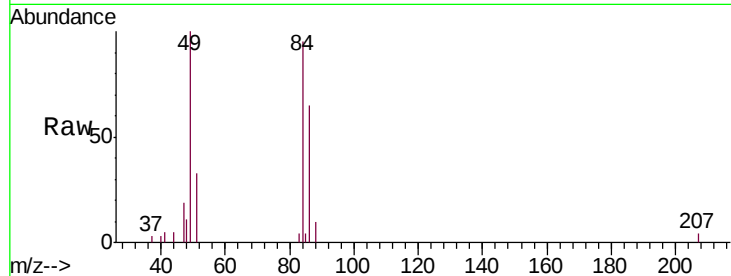




#16
Methylene chloride
Concen: 2.012 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006893.D
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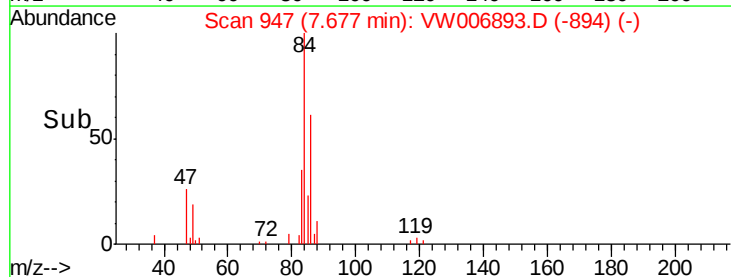
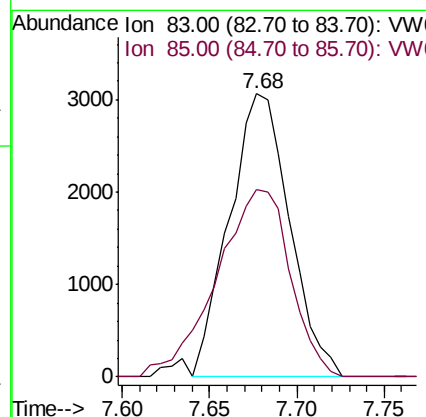
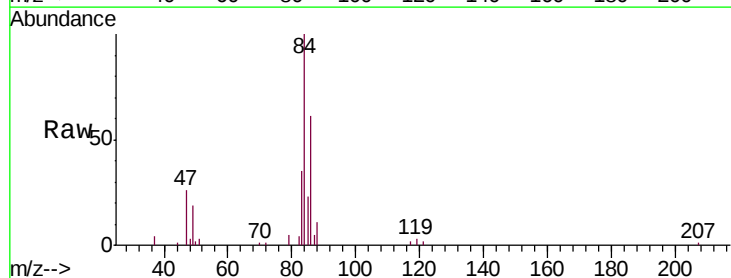
Instrument :
MSVOA_W
ClientSampleId :
VBLK82

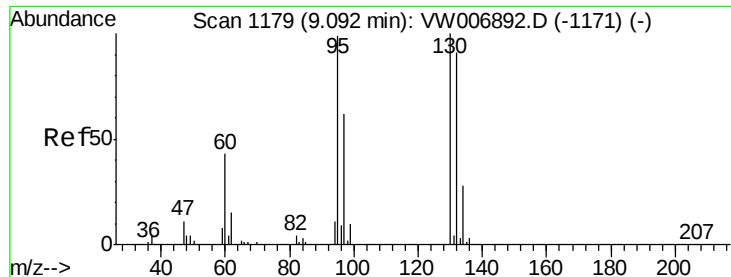
Tgt Ion: 84 Resp: 5301
Ion Ratio Lower Upper
84 100
49 105.0 79.3 147.3
86 68.6 43.5 80.9



#25
Chloroform
Concen: 1.984 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006893.D
Acq: 15 Nov 2018 12:02

Tgt Ion: 83 Resp: 7357
Ion Ratio Lower Upper
83 100
85 80.4 45.4 84.2





#35

Trichloroethene

Concen: 2.101 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW006893.D

Acq: 15 Nov 2018 12:02

Instrument :

MSVOA_W

ClientSampled :

VBLK82

Tgt Ion: 95 Resp: 4601

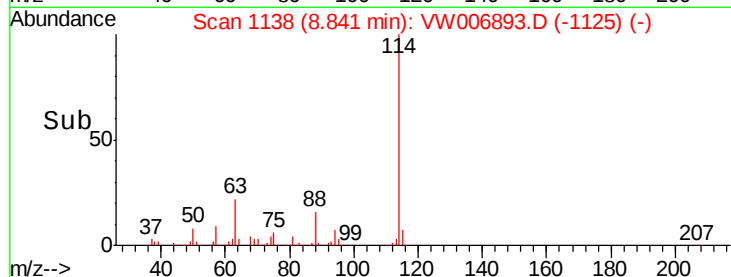
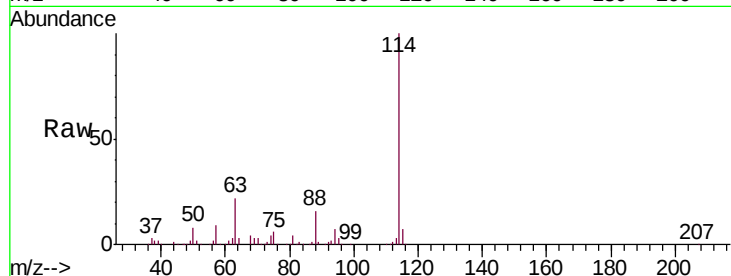
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

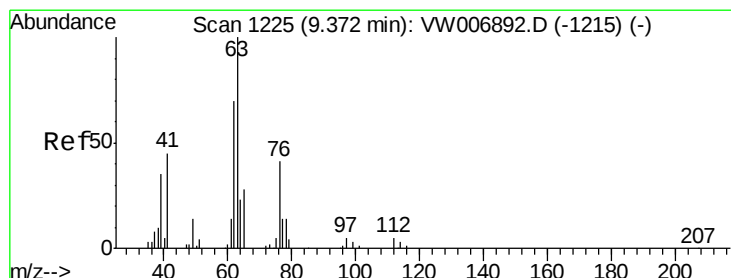
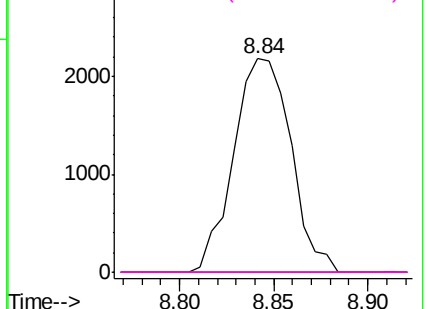


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.940 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006893.D

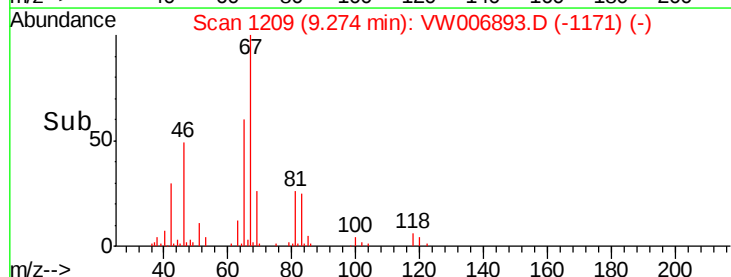
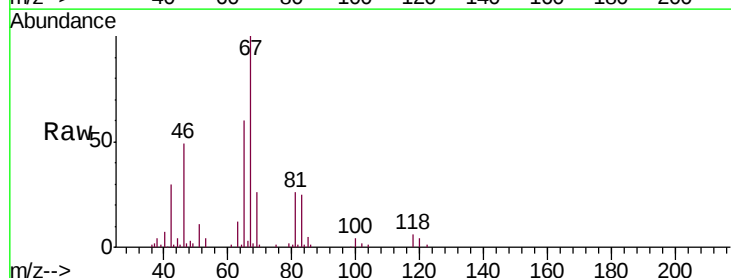
Acq: 15 Nov 2018 12:02

Tgt Ion: 63 Resp: 5824

Ion Ratio Lower Upper

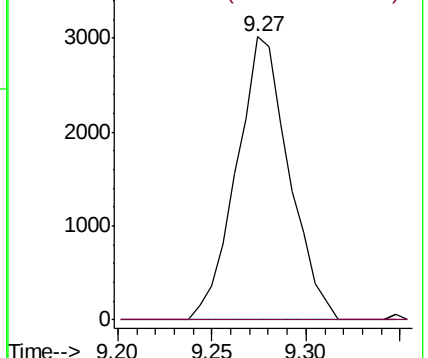
63 100

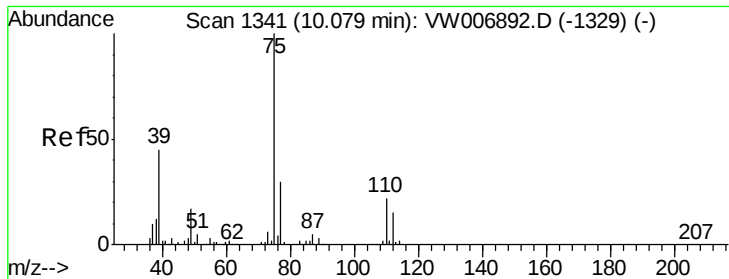
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.514 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006893.D

Acq: 15 Nov 2018 12:02

Instrument :

MSVOA_W

ClientSampleId :

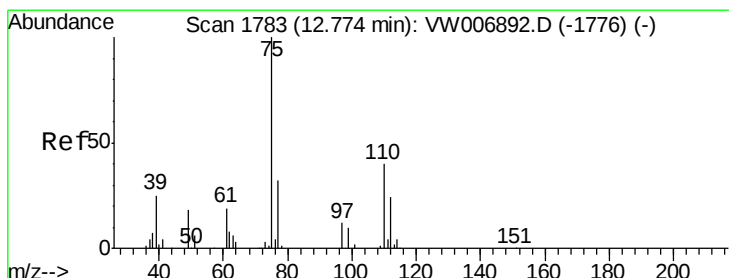
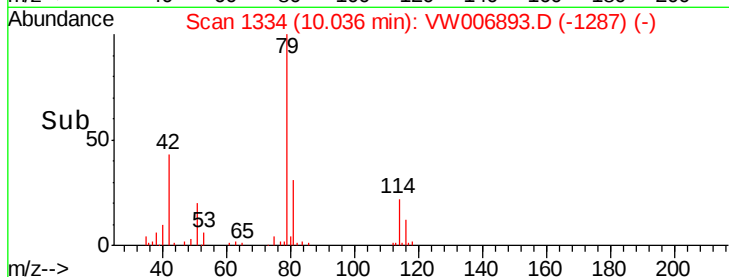
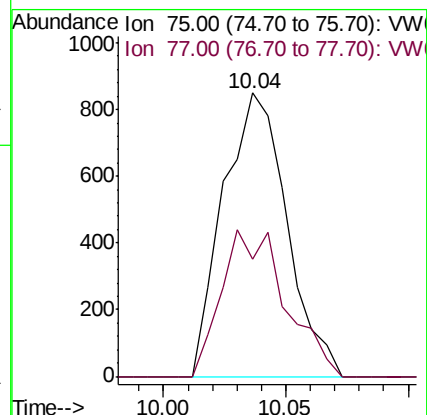
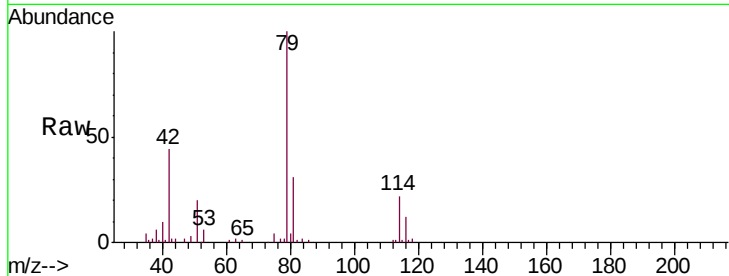
VBLK82

Tgt Ion: 75 Resp: 1536

Ion Ratio Lower Upper

75 100

77 41.3 21.9 40.7#



#59

1,2,3-Trichloropropane

Concen: 5.622 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006893.D

Acq: 15 Nov 2018 12:02

Tgt Ion: 75 Resp: 8425

Ion Ratio Lower Upper

75 100

77 38.1 26.5 39.7

