

Data File : VW006882.D
Acq On : 14 Nov 2018 21:39
Operator : SY/AP
Sample : VW1114SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK81

Quant Time: Nov 15 03:41:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 15 03:38:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	166617	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	159956	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77211	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	34221	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
7) Chloroethane-d5	2.89	69	26088	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
10) 1,1-Dichloroethene-d2	4.02	63	66787	16.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.60%
20) 2-Butanone-d5	7.09	46	38282	46.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.92%
24) Chloroform-d	7.65	84	79946	21.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.68%
26) 1,2-Dichloroethane-d4	8.31	65	49240	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.60%
29) Benzene-d6	8.27	84	176619	21.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.48%
33) 1,2-Dichloropropane-d6	9.28	67	53532	20.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.64%
37) Toluene-d8	10.33	98	183352	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.58	79	23262	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.64%
39) 2-Hexanone-d5	10.93	63	30012	47.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	50314	22.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	63514	21.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.88%

Target Compounds

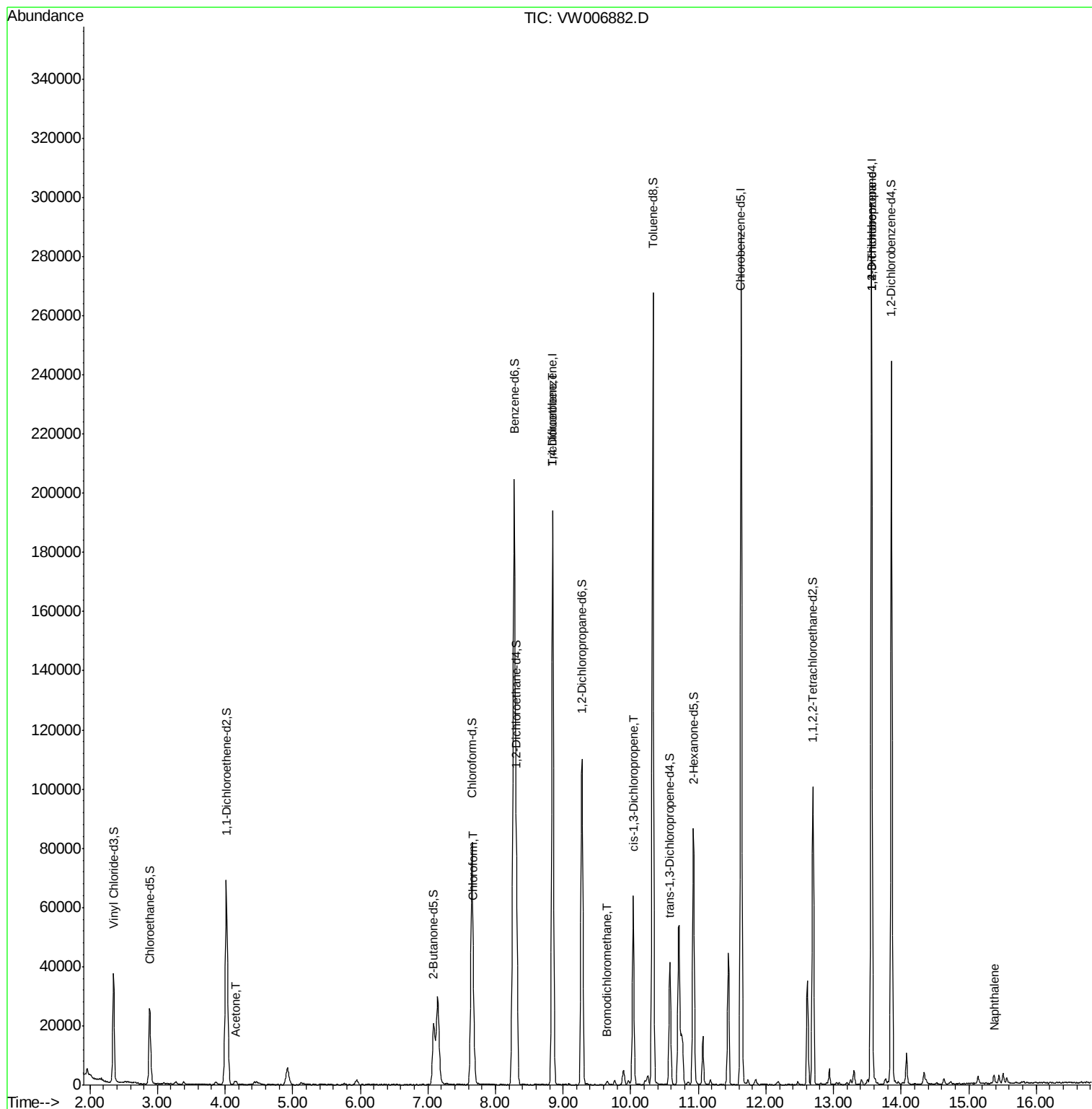
						Qvalue
13) Acetone	4.15	43	1238	2.357	ug/L	70
25) Chloroform	7.68	83	8381	2.043	ug/L	85
35) Trichloroethene	8.84	95	4985	2.046	ug/L #	6
41) Bromodichloromethane	9.64	83	799	0.296	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1540	0.463	ug/L #	77
59) 1,2,3-Trichloropropane	13.56	75	9449	5.668	ug/L	96
69) Naphthalene	15.37	128	2776	0.418	ug/L	99

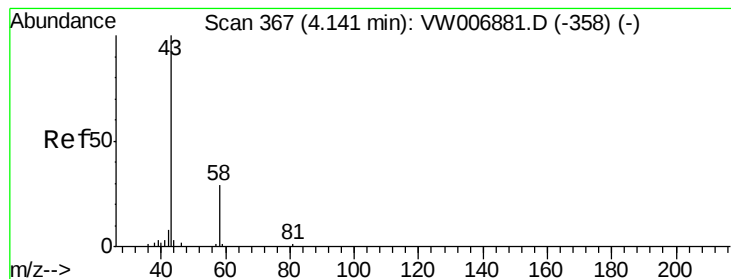
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.357 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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ClientSampleId :

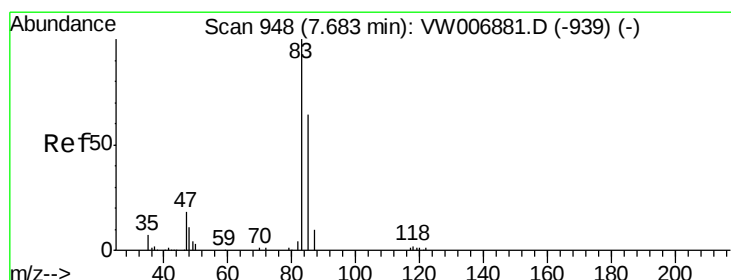
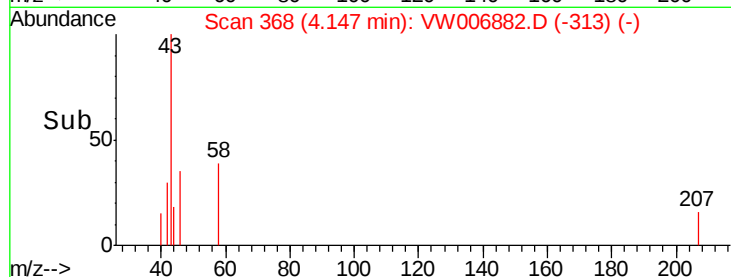
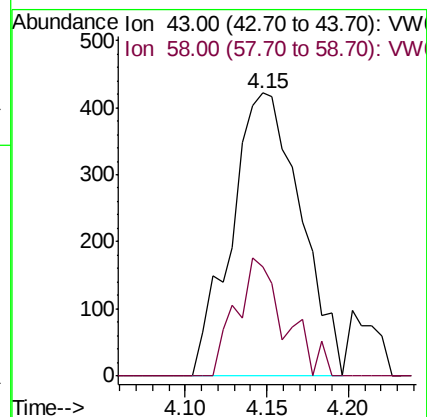
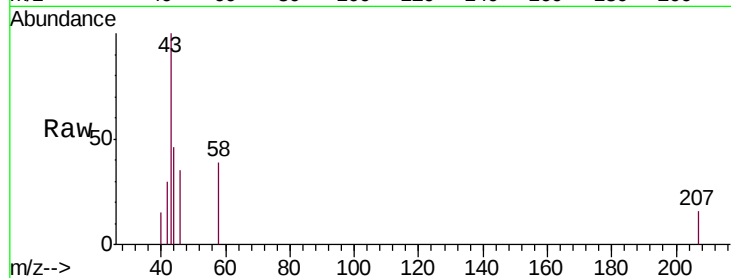
VBLK81

Tgt Ion: 43 Resp: 1238

Ion Ratio Lower Upper

43 100

58 15.7 0.0 65.6



#25

Chloroform

Concen: 2.043 ug/L

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

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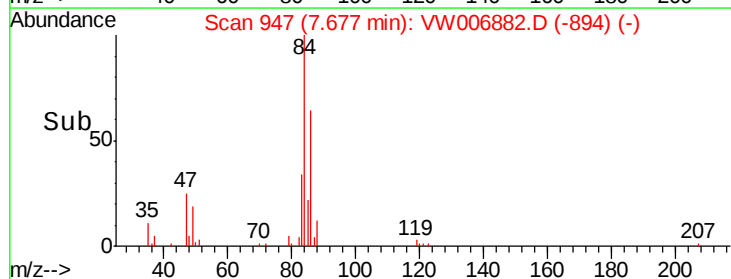
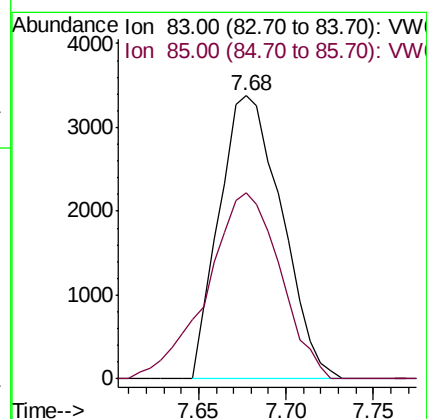
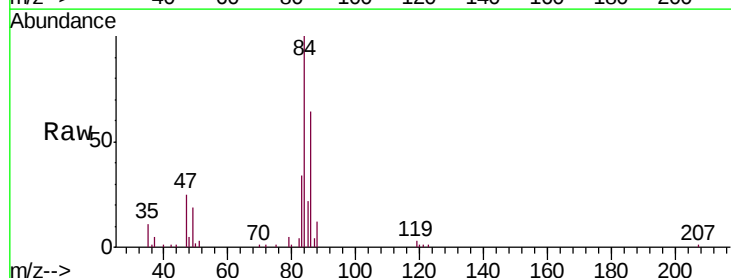
Acq: 14 Nov 2018 21:39

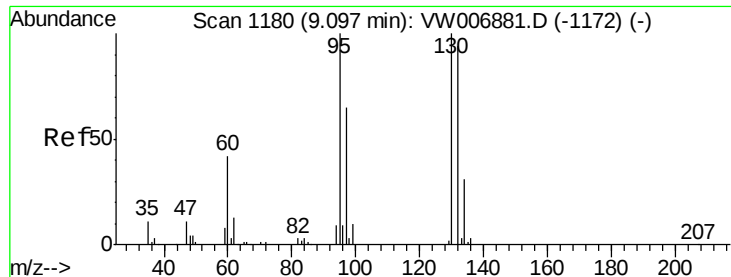
Tgt Ion: 83 Resp: 8381

Ion Ratio Lower Upper

83 100

85 76.5 45.4 84.2





#35

Trichloroethene

Concen: 2.046 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

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Instrument :

MSVOA_W

ClientSampleId :

VBLK81

Tgt Ion: 95 Resp: 4985

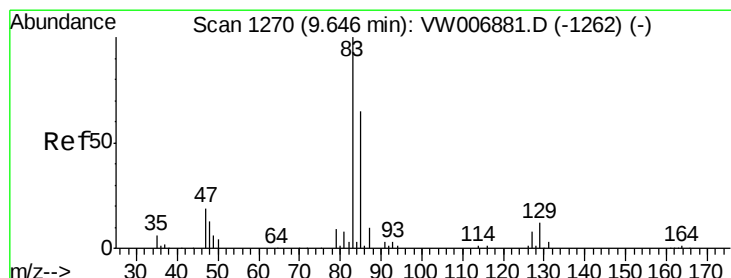
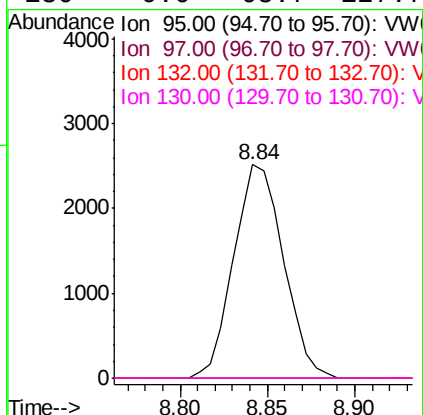
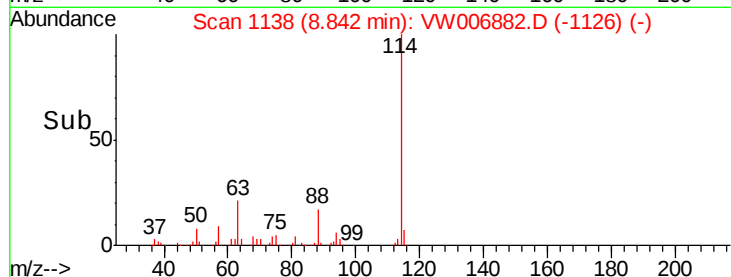
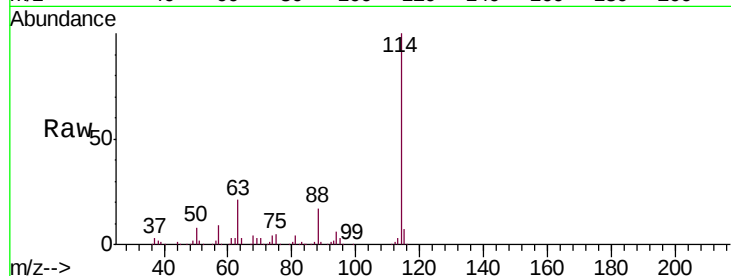
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#



#41

Bromodichloromethane

Concen: 0.296 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

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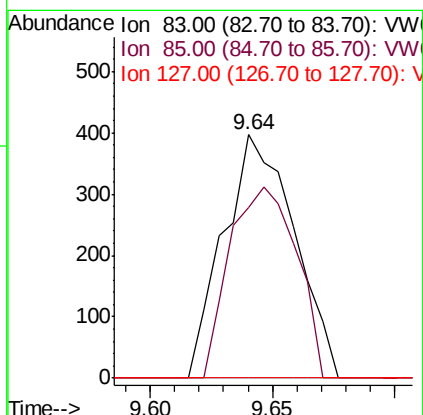
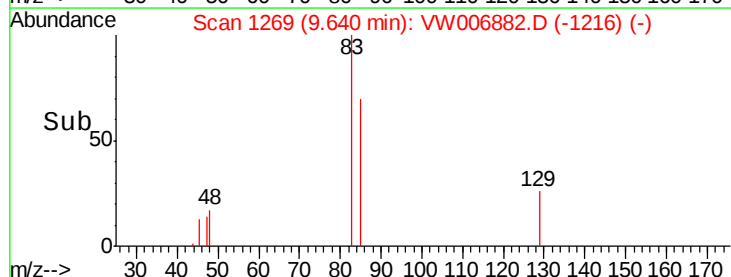
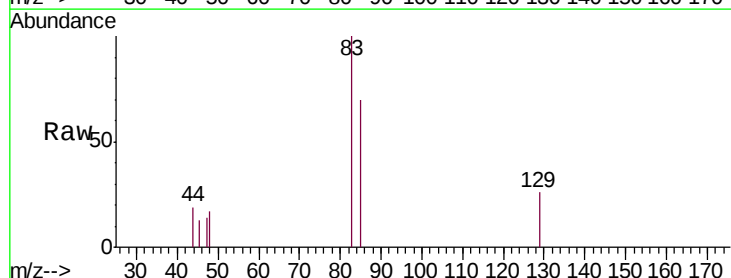
Tgt Ion: 83 Resp: 799

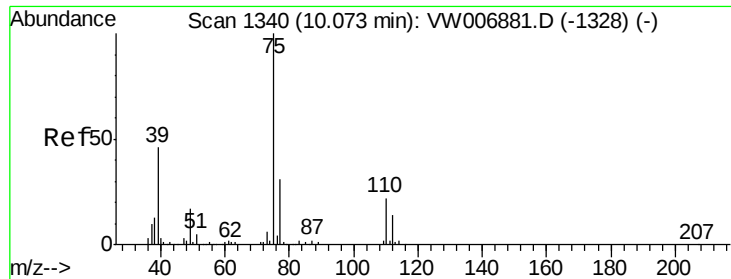
Ion Ratio Lower Upper

83 100

85 70.0 42.4 78.6

127 0.0 6.5 9.7#





#42

cis-1,3-Dichloropropene

Concen: 0.463 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006882.D

Acq: 14 Nov 2018 21:39

Instrument :

MSVOA_W

ClientSampled :

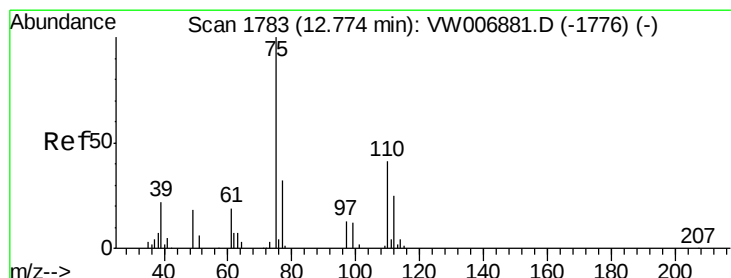
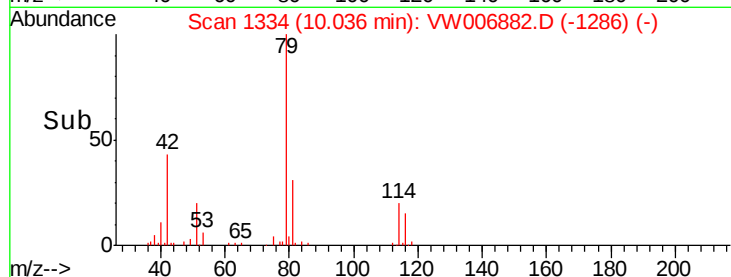
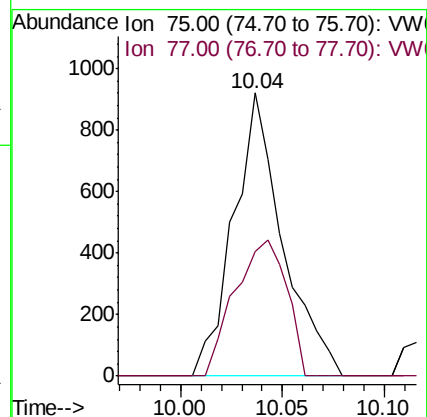
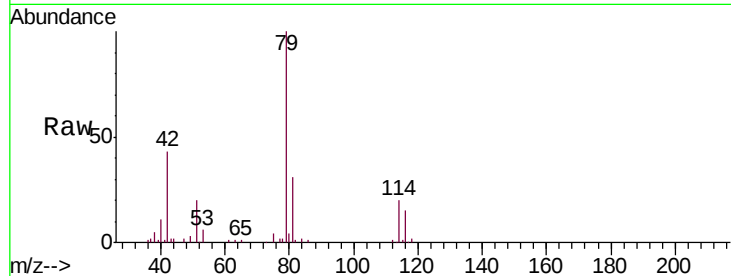
VBLK81

Tgt Ion: 75 Resp: 1540

Ion Ratio Lower Upper

75 100

77 44.0 21.9 40.7#



#59

1,2,3-Trichloropropane

Concen: 5.668 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW006882.D

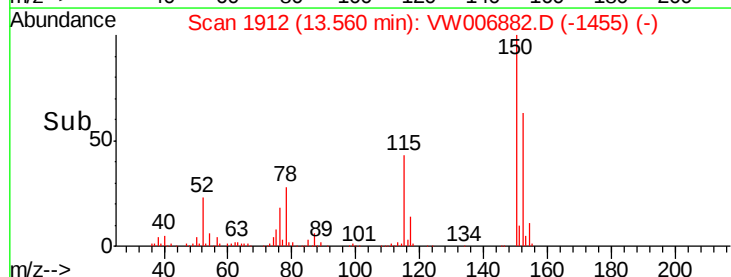
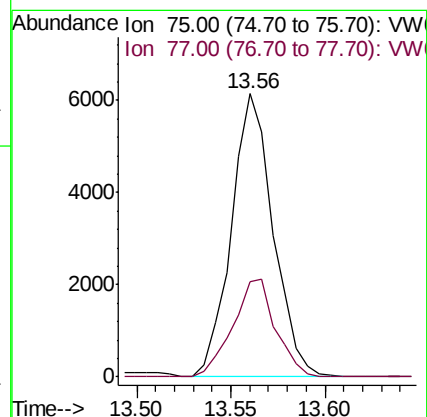
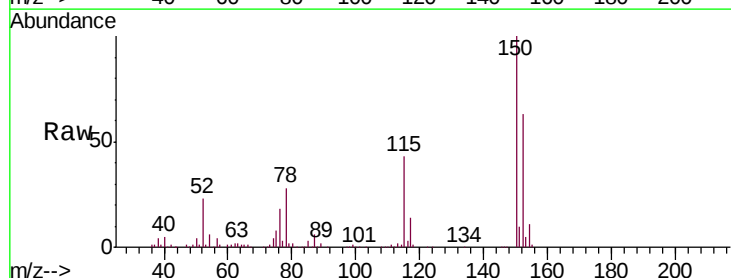
Acq: 14 Nov 2018 21:39

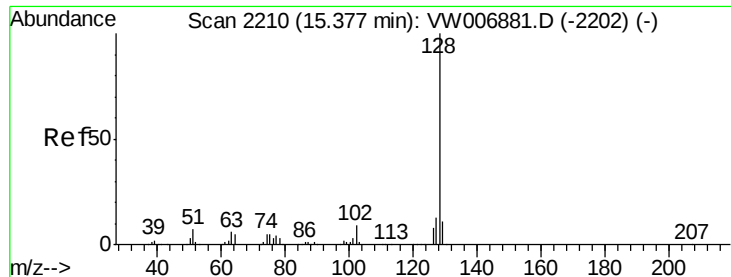
Tgt Ion: 75 Resp: 9449

Ion Ratio Lower Upper

75 100

77 35.2 26.5 39.7





#69

Naphthalene

Concen: 0.418 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW006882.D

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Instrument :

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ClientSampleId :

VBLK81

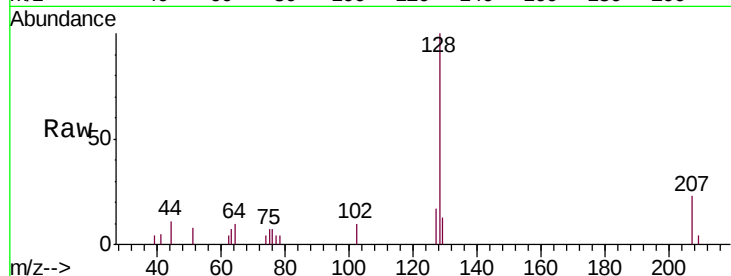
Tgt Ion:128 Resp: 2776

Ion Ratio Lower Upper

128 100

129 10.1 8.9 13.3

127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

