

Data File : VW011236.D
Acq On : 12 Jul 2019 13:32
Operator : SY/VA
Sample : K3724-16
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8W1

Quant Time: Jul 13 05:35:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	365661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	90149	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.60%
7) Chloroethane-d5	2.89	69	71522	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.04%
10) 1,1-Dichloroethene-d2	4.01	63	168751	14.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.08%
20) 2-Butanone-d5	7.07	46	80944	36.80	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.60%
24) Chloroform-d	7.65	84	211656	21.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.48%
26) 1,2-Dichloroethane-d4	8.31	65	126572	20.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.04%
29) Benzene-d6	8.27	84	441250	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	143938	22.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.60%
37) Toluene-d8	10.32	98	389841	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.68%
38) trans-1,3-Dichloropropene-	10.58	79	52209	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.60%
39) 2-Hexanone-d5	10.92	63	52134	34.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106638	19.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	126959	21.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.88%

Target Compounds

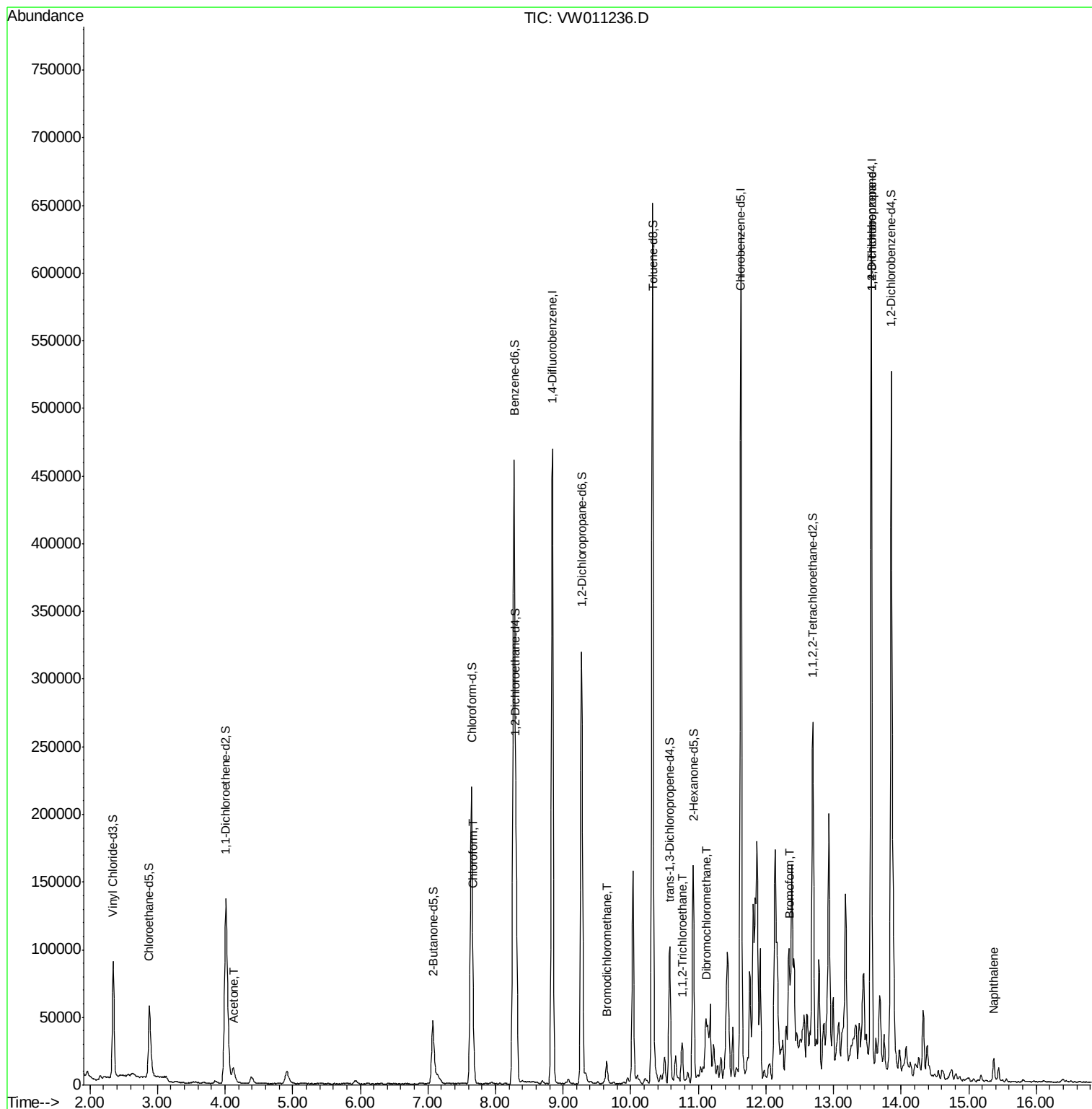
					Qvalue
13) Acetone	4.12	43	18882	8.789 ug/L	99
25) Chloroform	7.67	83	13090	1.402 ug/L	79
41) Bromodichloromethane	9.64	83	9854	1.541 ug/L #	92
46) 1,1,2-Trichloroethane	10.76	97	10276	2.675 ug/L #	20
50) Dibromochloromethane	11.13	129	9098	2.224 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	20653	5.263 ug/L	92
62) Bromoform	12.35	173	2102	0.937 ug/L	97
69) Naphthalene	15.37	128	14130	1.148 ug/L	99

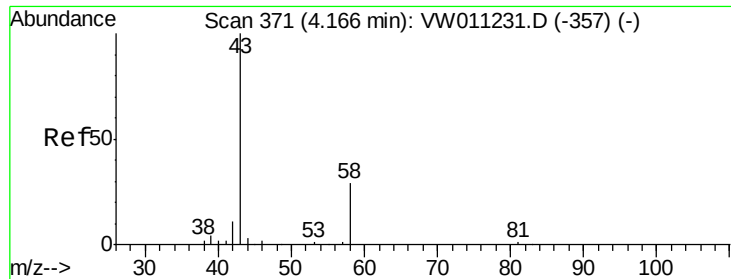
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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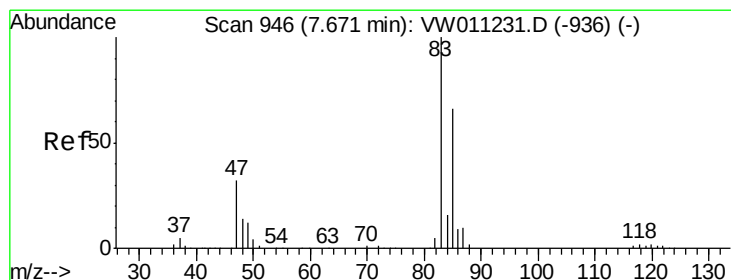
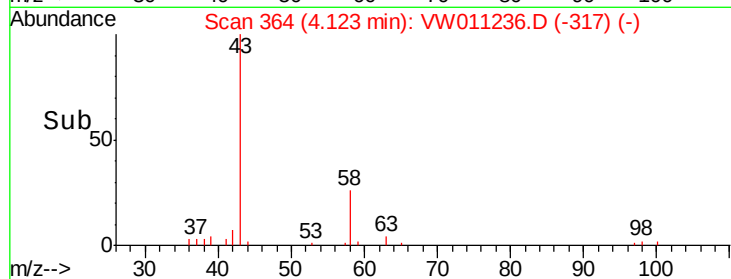
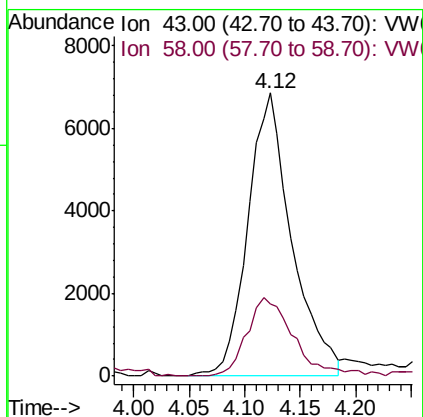
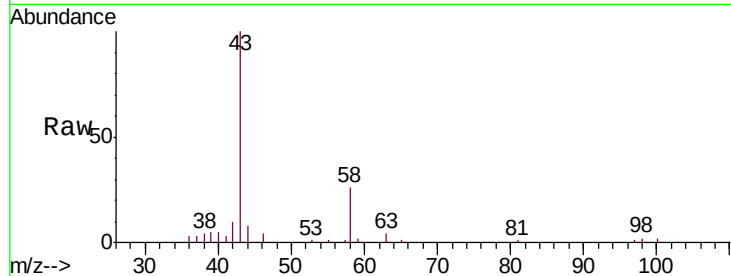




#13
Acetone
Concen: 8.789 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.04 min
Lab File: VW011236.D
Acq: 12 Jul 2019 13:32

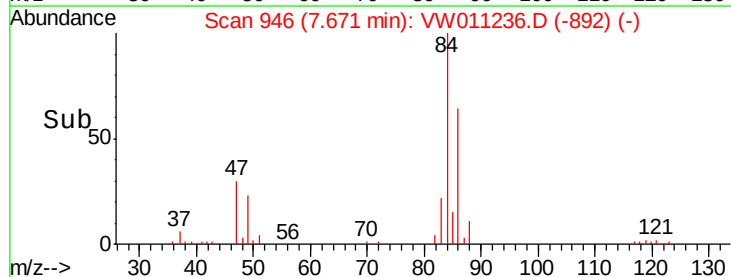
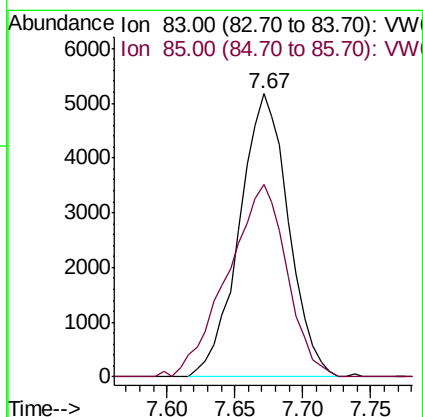
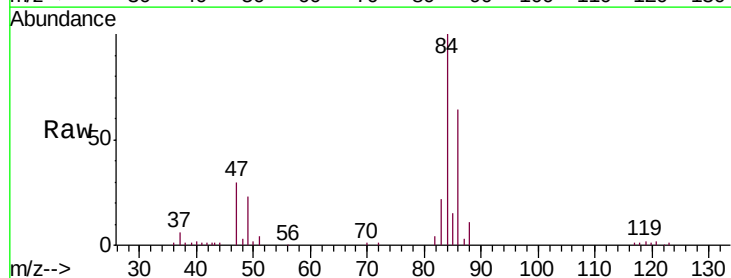
Instrument :
MSVOA_W
ClientSampleId :
DB8W1

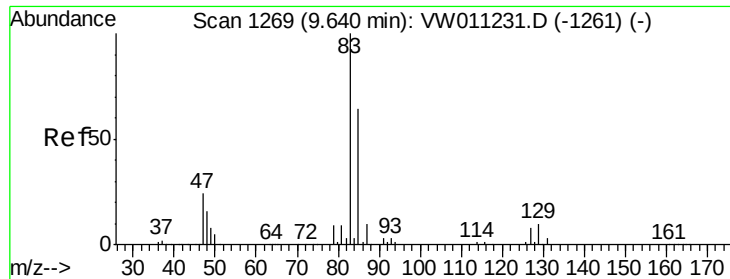
Tgt Ion: 43 Resp: 18882
Ion Ratio Lower Upper
43 100
58 28.0 0.0 55.0



#25
Chloroform
Concen: 1.402 ug/L
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011236.D
Acq: 12 Jul 2019 13:32

Tgt Ion: 83 Resp: 13090
Ion Ratio Lower Upper
83 100
85 81.4 45.6 84.6





#41

Bromodichloromethane

Concen: 1.541 ug/L

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011236.D

Acq: 12 Jul 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

DB8W1

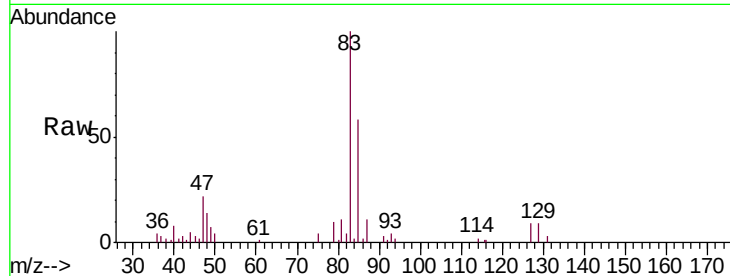
Tgt Ion: 83 Resp: 9854

Ion Ratio Lower Upper

83 100

85 58.2 45.5 84.5

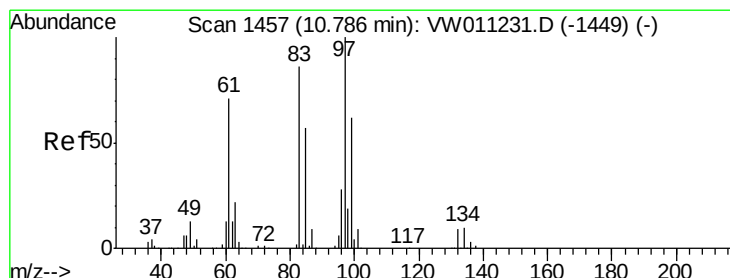
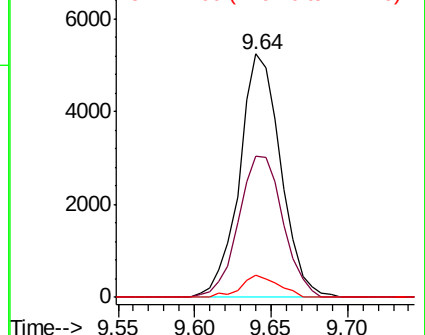
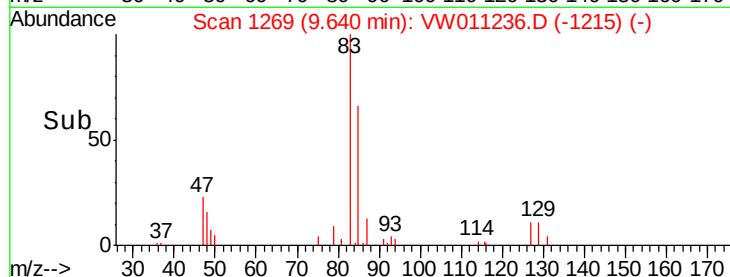
127 9.4 5.8 8.8#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V



#46

1,1,2-Trichloroethane

Concen: 2.675 ug/L

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW011236.D

Acq: 12 Jul 2019 13:32

Tgt Ion: 97 Resp: 10276

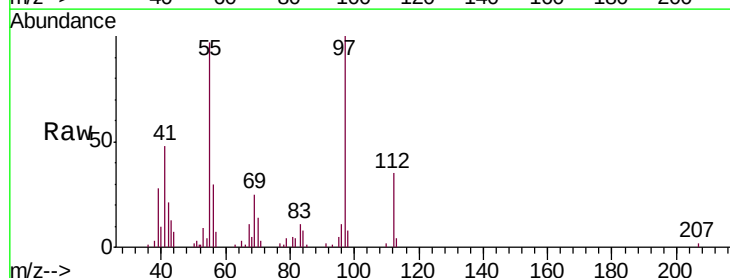
Ion Ratio Lower Upper

97 100

83 10.9 63.1 117.3#

85 1.4 39.0 72.4#

99 0.0 41.5 77.1#

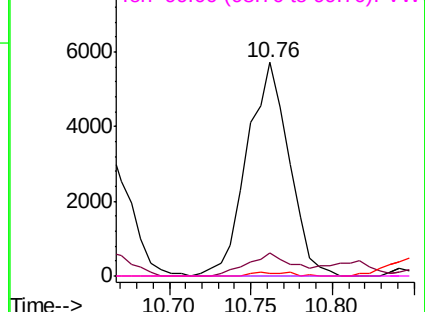
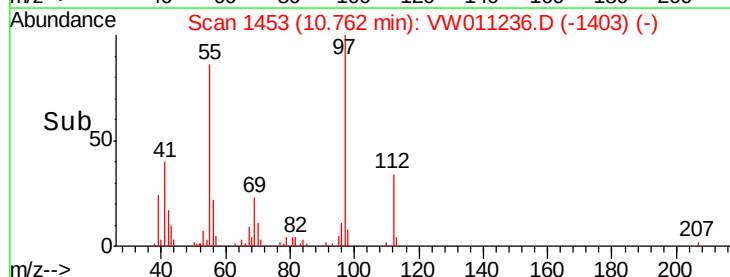


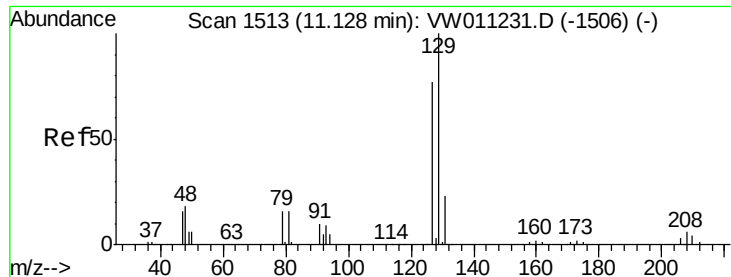
Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW





#50

Dibromochloromethane

Concen: 2.224 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW011236.D

Acq: 12 Jul 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

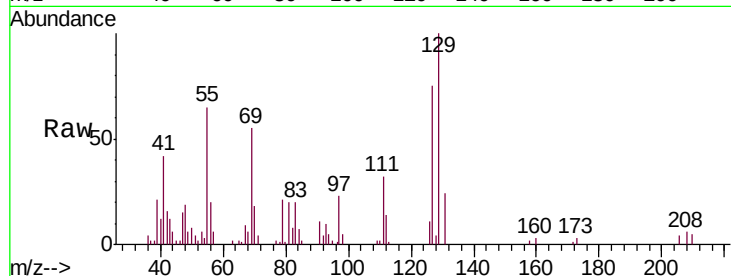
DB8W1

Tgt Ion:129 Resp: 9098

Ion Ratio Lower Upper

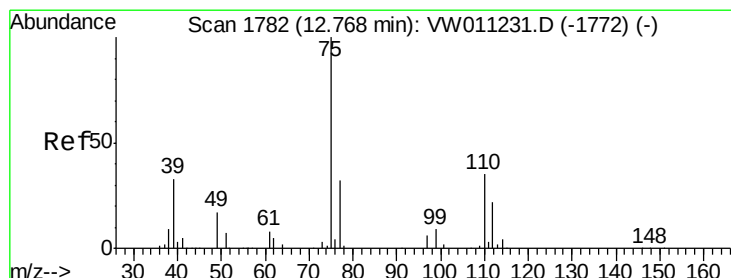
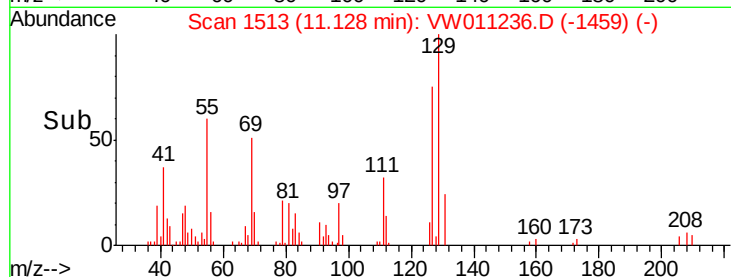
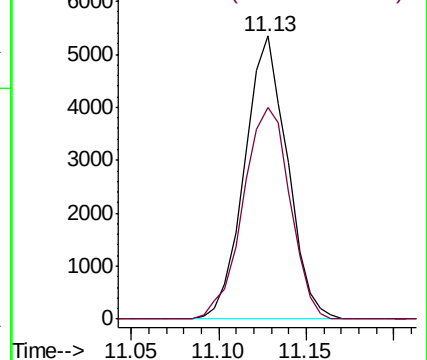
129 100

127 74.7 53.3 99.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.263 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011236.D

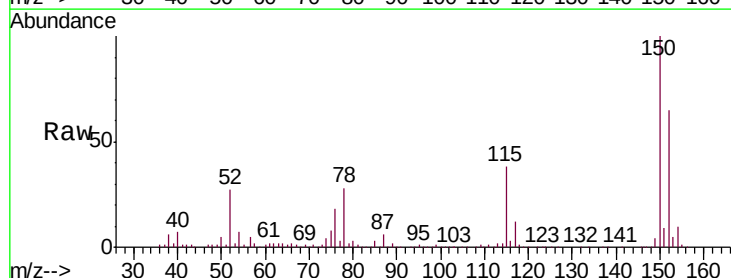
Acq: 12 Jul 2019 13:32

Tgt Ion: 75 Resp: 20653

Ion Ratio Lower Upper

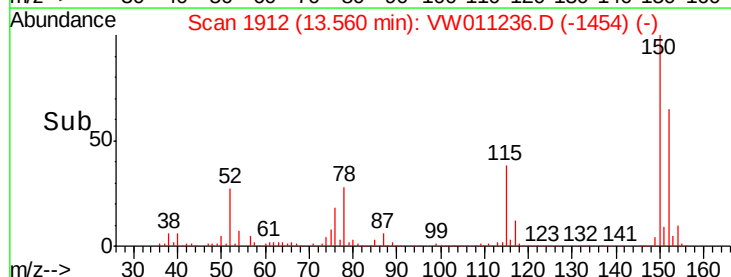
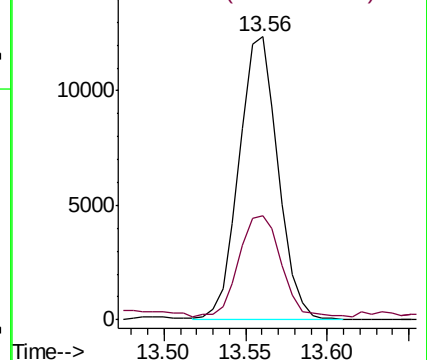
75 100

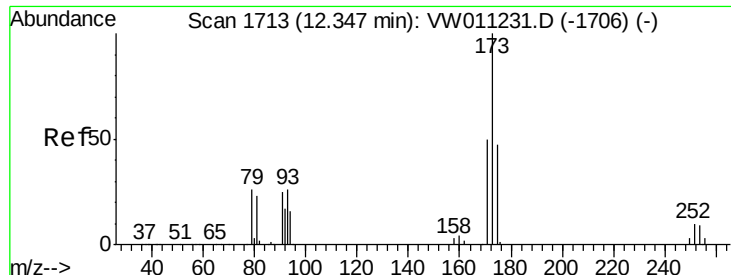
77 36.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#62

Bromoform

Concen: 0.937 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW011236.D

Acq: 12 Jul 2019 13:32

Instrument :

MSVOA_W

ClientSampleId :

DB8W1

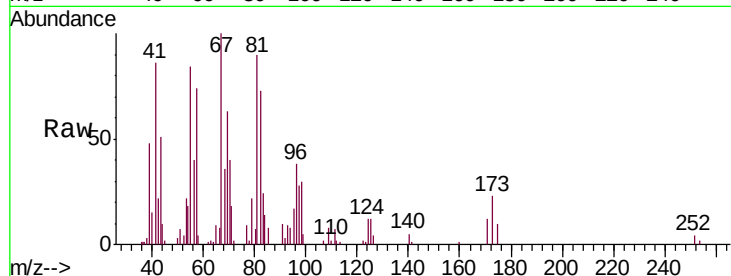
Tgt Ion:173 Resp: 2102

Ion Ratio Lower Upper

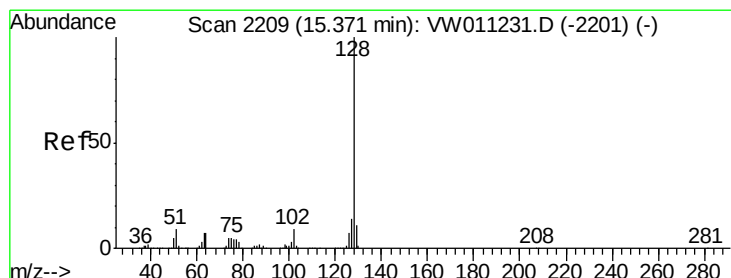
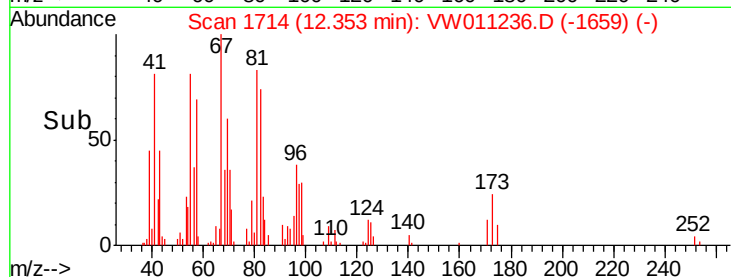
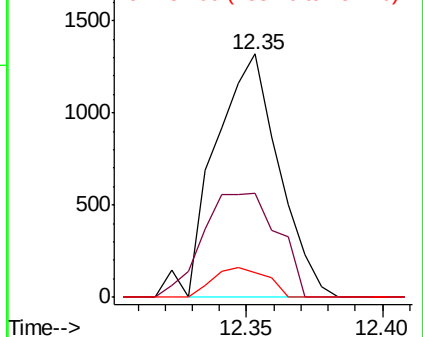
173 100

175 51.3 39.0 58.6

254 10.5 8.5 12.7



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#69

Naphthalene

Concen: 1.148 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW011236.D

Acq: 12 Jul 2019 13:32

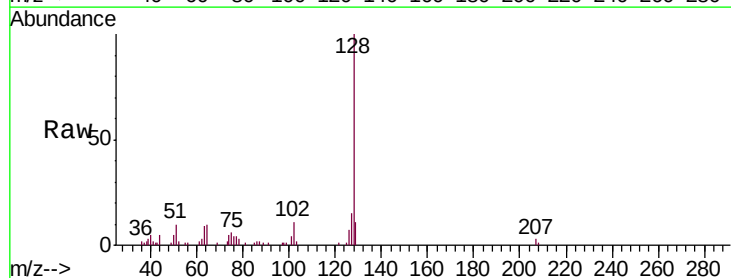
Tgt Ion:128 Resp: 14130

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 13.4 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

